

Ashe County CTP Project Sheet Index

Highway Project Proposals

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US 221 BUS, NC 88, South Main St Highway Recommendation

From: N Sixth Ave To: US 221 Bus/S Main st (Yamaha)

Local ID: ASHE20001-H

Purpose: None

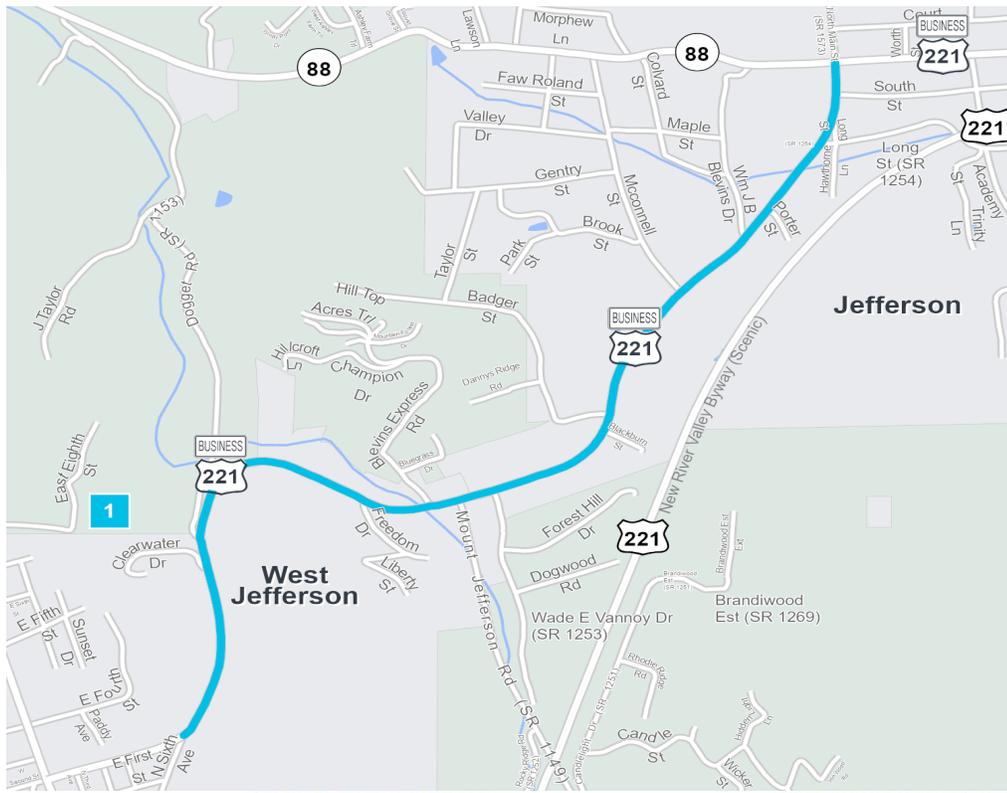
Improvement: Improve Existing

Identified Need

Highway Recommendation

Recommendation

Replace with Road Diet (3 lanes with bicycle and pedestrian facilities)



	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	Major Thoroughfare 2-lane
Typical Section	03 C
Section Options	-
Length (miles)	1.72
Existing ROW (feet)	60-80
Safety Risk Score	44-78

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	4	4	2
<i>Volume (vpd)</i>	4300-8700	6300-12600	6300-12600
<i>Capacity (vpd)</i>	11600-23500	11600-23500	11600-23500

Capacity Data:	Year
Facility will be Approaching Capacity (>80%)	2114
Facility will be Over Capacity (>=100%)	2133

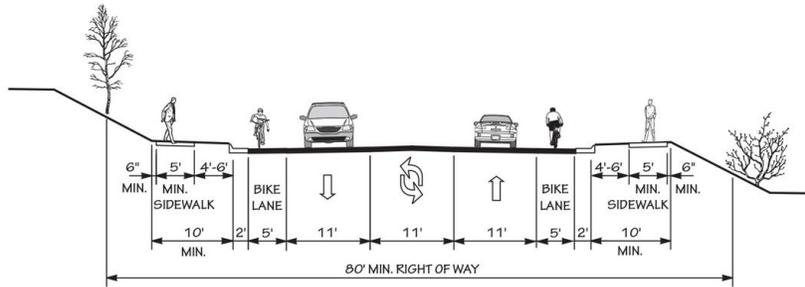


Typical Section Options:

None

TYPICAL SECTION No. 3C

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 25-45 MPH

Project Overview

Project History

US 221 BUS, NC 88, South Main St is classified as a Major Collector on the Federal Functional Classification System. This recommendation was included on the 2010 CTP, as well as identified in the High Country Bicycle and Pedestrian Plan for multimodal connectivity.

Multi-modal Considerations

This project is recommended to have bicycle lanes and sidewalk throughout the recommendation for multimodal connectivity and to meet the vision of the Ashe County CTP.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves multimodal travel by reducing 4 lanes to three lanes and adding bike and ped along this facility to provide easier travel for all modes.

Goals & Objectives Survey

Selected Comments:

- "On US 221 Bus, adding bike lanes and sidewalk walking next to roads would help with safety but would not be so invasive to the natural beauty of our county as more lanes would."
- "Just be sure to keep the curved roads maintained for safety."
- "They would be extremely safer with bike and walking lanes/sidewalks."
- Hospital area needs help. Old people can't drive."

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 14 Flood Hazard Area Feature(s)
- 1 Impaired Waters Line Feature(s)
- 3 Natural Heritage Element Occurrence Feature(s)
- 4 Wetland Feature(s)
- 6 River And Stream Feature(s)
- 1 Regional Trail Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

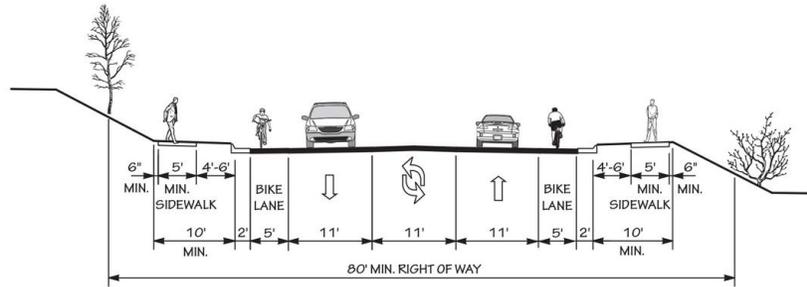
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 5% and 10% identify as Some Other Race

Typical Section Options:

None

TYPICAL SECTION No. 3C

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 25-45 MPH

- Between 5% and 10% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 20% and 50% identify as Households with No Car

Relationship to Land Use

US 221 BUS, NC-88, S. Main St is the main connector between the downtowns of Jefferson and West Jefferson. This thoroughfare includes access to multiple businesses and residences and is classified as "Highway Commercial District" on the West Jefferson zoning map. US 221 Business is identified as a fundamental route for the business growth and tourism in the Jefferson and West Jefferson area.

Other Information

Crash Analysis

Crash data analysis shows approximately 32 crashes on or near US 221 BUS, NC 88, South Main St recommendation area. Crash data covered incidents from January 2015 to December 2019.

US 221 BUS, S Main St Highway Recommendation

From: US221 Bus/S Main st (Yamaha) To: Hospital Ave (SR-1664)

Local ID: ASHE20002-H

Purpose: None

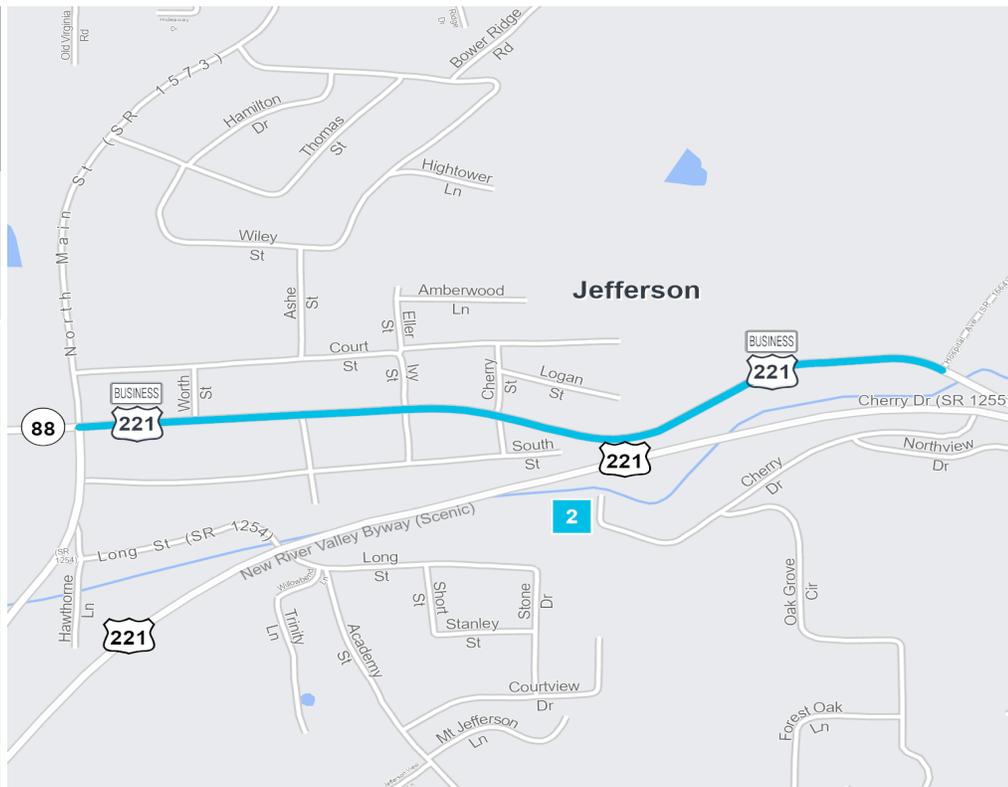
Improvement: Improve Existing

Identified Need

Highway Recommendation

Recommendation

Replace with Road Diet (3 lanes with bicycle and pedestrian facilities)



	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	Major Thoroughfare 2-lane
Typical Section	03 C
Section Options	-
Length (miles)	0.76
Existing ROW (feet)	60
Safety Risk Score	67-89

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	With Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	4	4	2	2
<i>Volume (vpd)</i>	6900	10000	10000	10000
<i>Capacity (vpd)</i>	23500	23500	23500	23500

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2134
Facility will be Over Capacity (>=100%)	2153

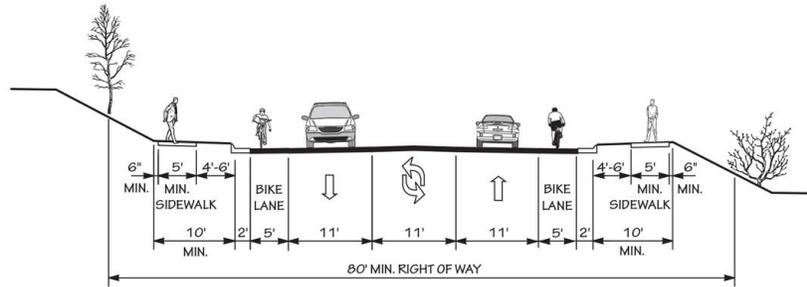


Typical Section Options:

None

TYPICAL SECTION No. 3C

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 25-45 MPH

Project Overview

Project History

US 221 BUS, S Main St is classified as a Major Collector on the Federal Functional Classification System. This recommendation was included on the 2010 CTP, as well as identified in the High Country Bicycle and Pedestrian Plan for multimodal connectivity.

Multi-modal Considerations

This project is recommended to have bicycle lanes and sidewalks for multimodal continuity to meet the vision and goals of the Ashe County Comprehensive Transportation Plan.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves multimodal travel by reducing 4 lanes to three lanes and adding bike and ped facilities along this facility to provide easier travel for all modes.

Goals & Objectives Survey

Selected Comments:

- "On US 221 Bus, adding bike lanes and sidewalk walking next to roads would help with safety but would not be so invasive to the natural beauty of our county as more lanes would."
- "Just be sure to keep the curved roads maintained for safety. They would be extremely safer with bike and walking lanes/sidewalks;"
- Hospital area needs help. Old people can't drive."

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 8 Flood Hazard Area Feature(s)
- 1 Managed Area Feature(s)
- 3 Natural Heritage Element Occurrence Feature(s)
- 2 Wetland Feature(s)
- 2 River And Stream Feature(s)
- 1 Regional Trail Feature(s)
- 1 Target Local Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

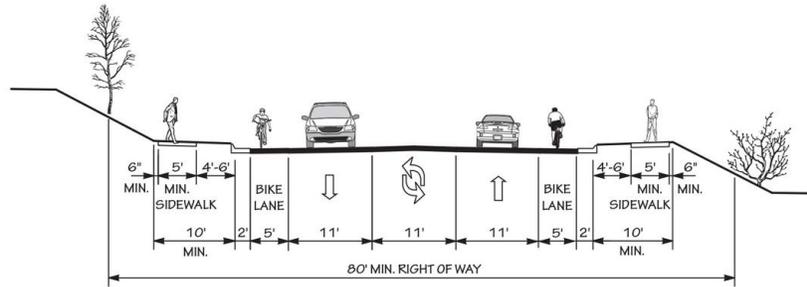
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 5% and 10% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races

Typical Section Options:

None

TYPICAL SECTION No. 3C

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 25-45 MPH

- Between 25% and 50% identify as Below Poverty Line
- Between 20% and 50% identify as Households with No Car

Relationship to Land Use

US 221 Bus/S Main St located in Jefferson, connects downtown Jefferson with the main throughfare with West Jefferson via US 221, as well as NC 88/194 to the North to Lansing. US 221 Bus in Jefferson includes access to many businesses, residences, Ashe County Museum, and the Ashe Memorial Hospital. US 221 Bus/S Main St is identified as an important essential route for economic vitality to downtown Jefferson.

Other Information

Crash Analysis

Crash data analysis shows approximately 53 crashes in this recommendation area on or near US 221 BUS, S Main St. Crash data covered incidents from January 2015 to December 2019.

US 221 BUS, NC Hwy 194 Highway Recommendation

From: Hamilton St To: Beaver Creek School Rd (SR 1248)

Local ID: ASHE20003-H

Purpose: None

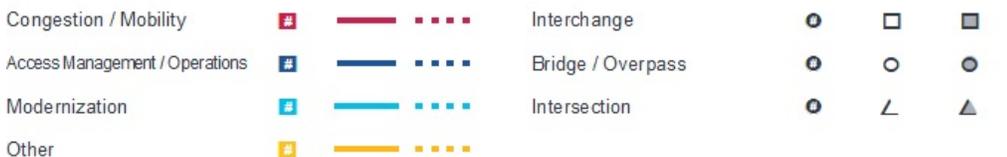
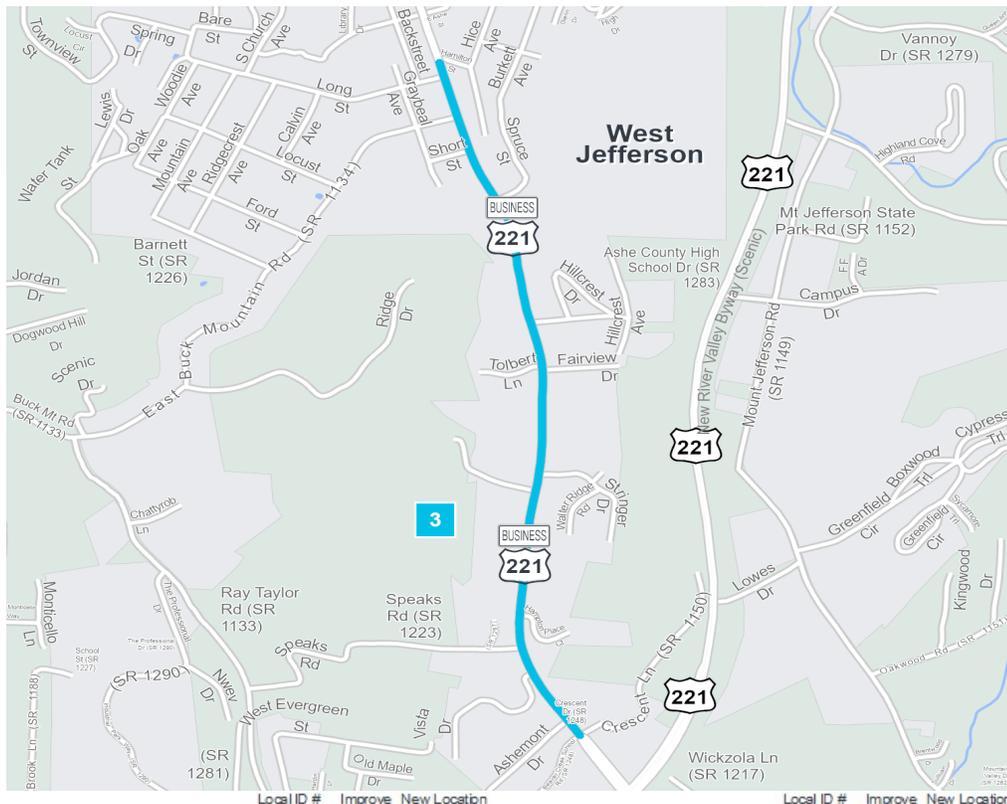
Improvement: Improve Existing

Identified Need

Highway Recommendation

Recommendation

Replace with Road Diet (3 lanes with bicycle and pedestrian facilities)



Proposal At A Glance

Highway Class	Modernization
Facility Type	Major Thoroughfare 2-lane
Typical Section	03 C
Section Options	-
Length (miles)	1.27
Existing ROW (feet)	100-250
Safety Risk Score	78-89

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane	Major Thoroughfare 2-lane
Travel Lanes	4	4	2
Volume (vpd)	10500-13000	15200-18900	15200-18900
Capacity (vpd)	23500	23500	23500

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2081
Facility will be Over Capacity (>=100%)	2100

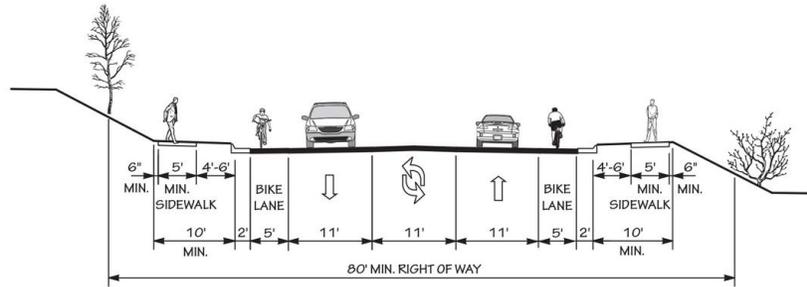


Typical Section Options:

None

TYPICAL SECTION No. 3C

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 25-45 MPH

Project Overview

Project History

US 221 BUS, NC Hwy 194 is classified as a Major Collector on the Federal Functional Classification System. This recommendation was included on the 2010 CTP, as well as identified in the High Country Bicycle and Pedestrian Plan for multimodal connectivity.

Multi-modal Considerations

This project is recommended to have bicycle lanes and sidewalk for multimodal continuity and to meet the vision and goals of the Ashe County Comprehensive Transportation Plan..

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves multimodal travel by reducing 4 lanes to three lanes and adding bike and ped facilities along this facility to provide easier travel for all modes.

Goals & Objectives Survey

Selected Comments:

- "Only on main highways like 221, 194, 16, 163. Leave the secondary roads alone but adding bike lanes and sidewalk walking next to roads would help with safety but would not be so invasive to the natural beauty of our county as more lanes would."
- "Just be sure to keep the curved roads maintained for safety. They would be extremely safer with bike and walking lanes/sidewalks."
- "Hospital area needs help. Old people can't drive."

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 3 Flood Hazard Area Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 3 Natural Heritage Element Occurrence Feature(s)
- 2 Wetland Feature(s)
- 4 River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

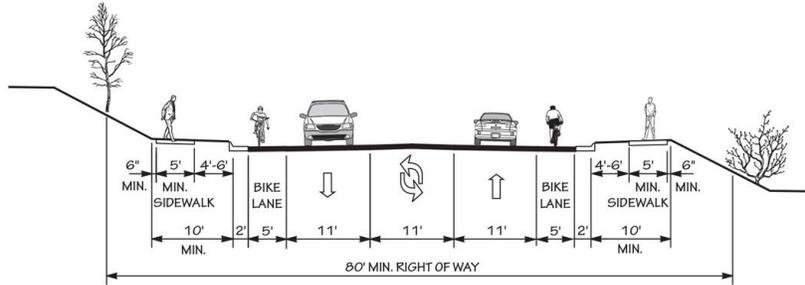
- Between 0% and 25% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 5% and 10% identify as Two of More Races

Typical Section Options:

None

TYPICAL SECTION No. 3C

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 25-45 MPH

- Between 15% and 25% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Relationship to Land Use

This thoroughfare includes access to multiple businesses and residences and is classified as "Highway Commercial District" on the West Jefferson zoning map. US 221 Business is identified as a fundamental route for the growth of business and tourism in West Jefferson.

Other Information

Crash Analysis

Crash data analysis shows approximately 33 crashes on or near US 221 BUS, NC Hwy 194 recommendation area. Crash data covered incidents from January 2015 to December 2019.

Mount Jefferson Rd Highway Recommendation

From: Walmart To: Lowes Dr

Local ID: ASHE40004-H

Purpose: Congestion

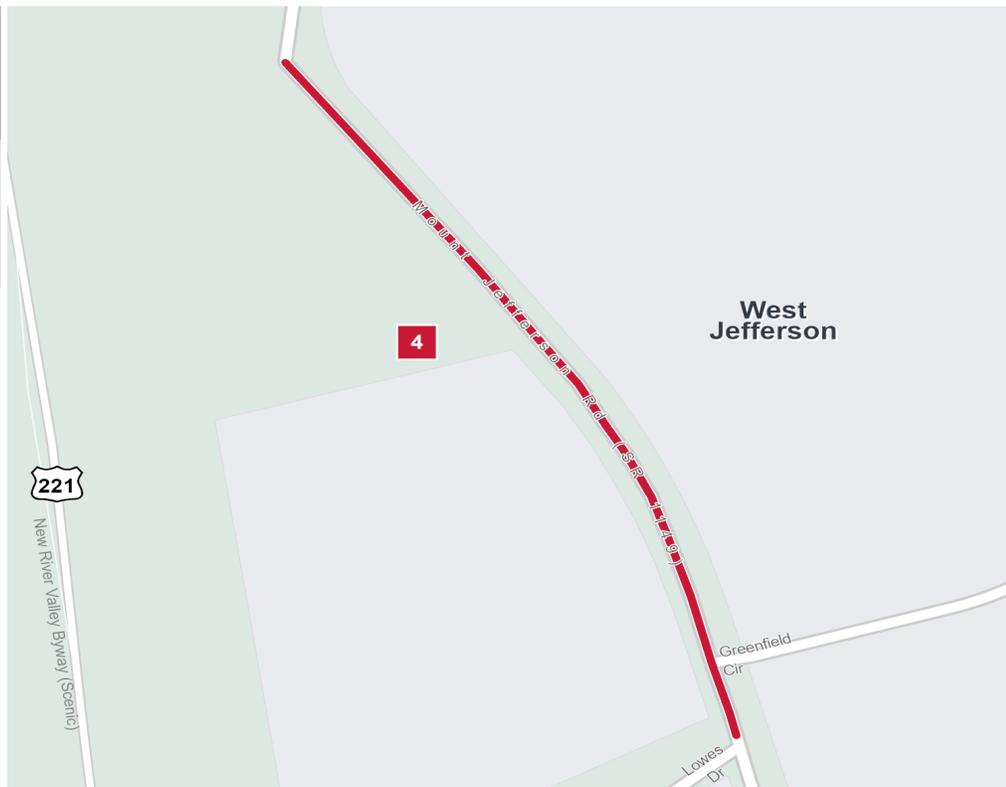
Improvement: Widening

Identified Need

Congestion

Recommendation

Widen to three-lanes



	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	Congestion & Mobility
Facility Type	Minor Thoroughfare
Typical Section	03 B
Section Options	-
Length (miles)	0.19
Existing ROW (feet)	60
Safety Risk Score	45

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	With Proposal	
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare	
Travel Lanes	2	2	2	
Volume (vpd)	7500	10900	10900	
Capacity (vpd)	10200	10200	10200	

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2068
Facility will be Over Capacity (>=100%)	2117

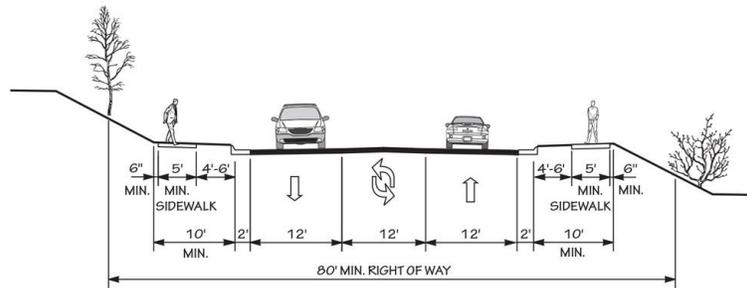


Typical Section Options:

None

TYPICAL SECTION No. 3B

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, AND SIDEWALKS



POSTED SPEED 25-45 MPH

Project Overview

Project History

Mount Jefferson Rd is classified as "Local" on the Federal Functional Classification System.

This recommendation was included on the 2010 CTP, identified as Needs Improvement, as well as identified in the 2010 West Jefferson Pedestrian Plan for proposed sidewalk.

Multi-modal Considerations

This project is recommended to have sidewalk.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves congestion by widening to three lanes along this facility to provide easier travel.

Goals & Objectives Survey

Selected Comments:

- "The slope coming from Lowes Dr. to Mount Jefferson Rd is awful."
- "Sidewalks needed so high school students can safely walk to area stores along Mount Jefferson Road"
- "Needs improvements that will accommodate the current high school and community college along with a new middle school."

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Hazard Substance Disposal Site(s)
- 4 Natural Heritage Element Occurrence Feature(s)
- 2 Wetland Feature(s)
- 2 River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

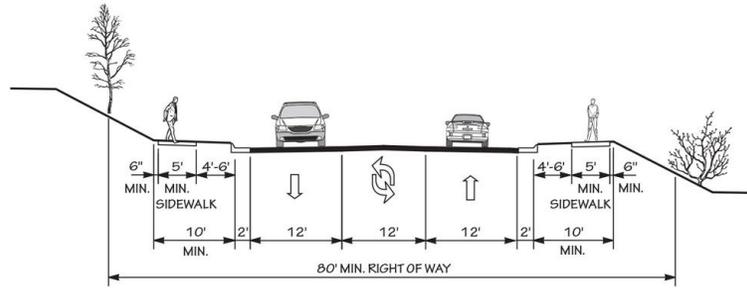
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 5% and 10% identify as Some Other Race
- Between 5% and 10% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Typical Section Options:

None

TYPICAL SECTION No. 3B

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, AND SIDEWALKS



POSTED SPEED 25-45 MPH

Relationship to Land Use

This section of Mount Jefferson Road is comprised of commercial use, with two major stores - Wal-Mart and Lowe's Home Improvement. This area has seen increased activity.

Other Information

Crash Analysis

Crash data analysis shows approximately 3 crashes along Mount Jefferson Rd. Crash data covered incidents from January 2015 to December 2019.

NC Hwy 163 Highway Recommendation

From: 750 Feet From US-221 To: NC-16

Local ID: ASHE30005-H

Purpose: None

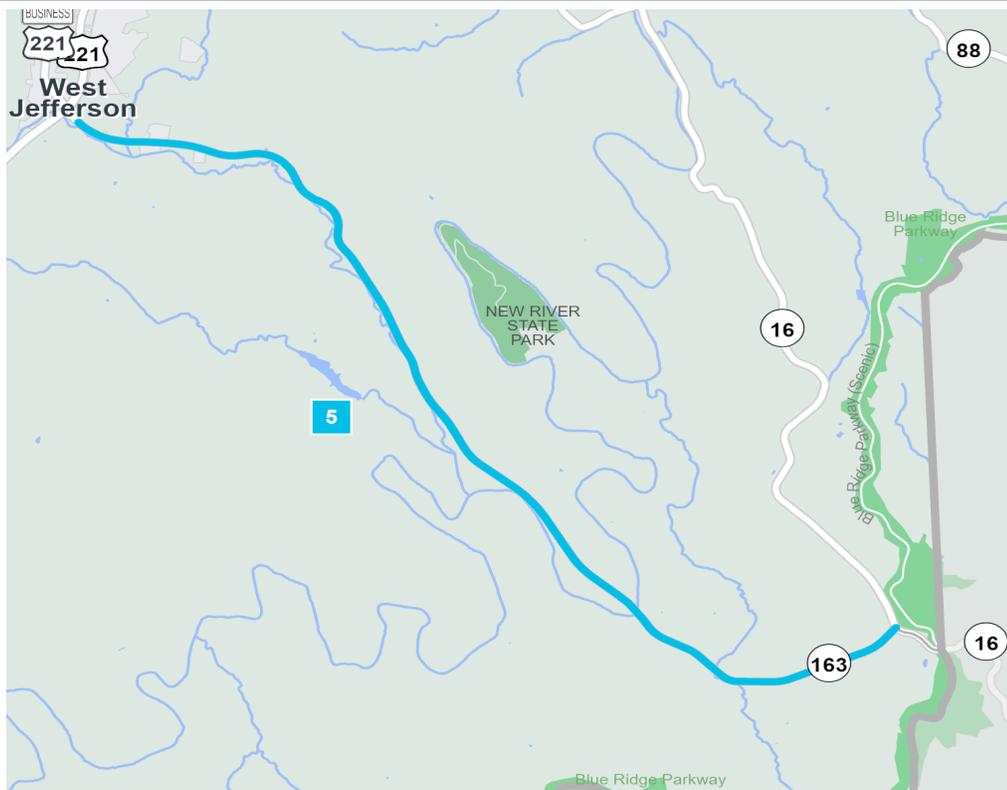
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



	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	Major Thoroughfare 2-lane
Typical Section	02 M
Section Options	-
Length (miles)	9.37
Existing ROW (feet)	60-250
Safety Risk Score	22-89

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2
<i>Volume (vpd)</i>	2200-8000	3000-10700	3000-10700
<i>Capacity (vpd)</i>	15100-16700	15100-16700	15100-16700

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2093
Facility will be Over Capacity (>=100%)	2116

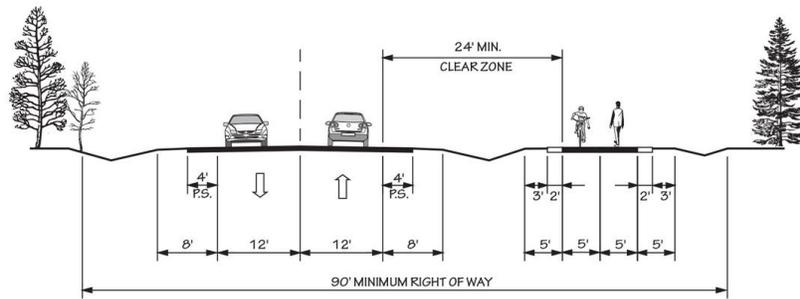


Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



POSTED SPEED 55 MPH

Project Overview

Project History

NC Hwy 163 Southbound is classified as a "Major Collector" on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 CTP and the High Country Bicycle and Pedestrian Plan.

Multi-modal Considerations

This project is recommended to have a multiuse path to provide connectivity with West Jefferson and the Blue Ridge Parkway.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Ten participants out of 579 expressed this roadway was too narrow, needs a bike path, is hazardous due to speeding traffic, dangerous or with limited site distance, and desired to have this roadway widened.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 63 Flood Hazard Area Feature(s)
- 1 High Quality And Outstanding Resource Water Feature(s)
- 7 Landscape Habitat Indicator Guild Feature(s)

- 1 Major River Feature(s)
- 1 Managed Area Feature(s)
- 1 National Park Feature(s)
- 13 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 8 Wetland Feature(s)
- 19 River And Stream Feature(s)
- 2 Lake And Pond Feature(s)
- 1 Protected Area Feature(s)
- 1 Regional Trail Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

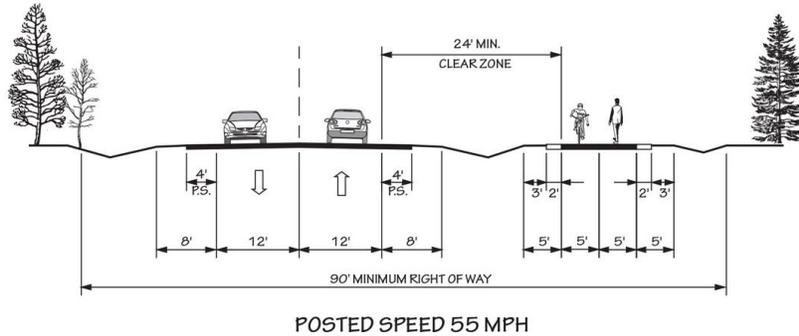
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish

Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



- Between 5% and 15% identify as Native American
- Between 5% and 10% identify as Some Other Race
- Between 5% and 10% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Relationship to Land Use

NC 163 is a rural road with access mostly to residences, churches, and some commercial. It provides access to the Blue Ridge Parkway, which garners a large number of tourists each year.

Other Information

Crash Analysis

Crash data analysis shows approximately 85 crashes along NC Hwy 163 recommendation area. Crash data covered incidents from January 2015 to December 2019.

NC Hwy 194 Highway Recommendation

From: E 5th St To: NC 88

Local ID: ASHE30006-H

Purpose: None

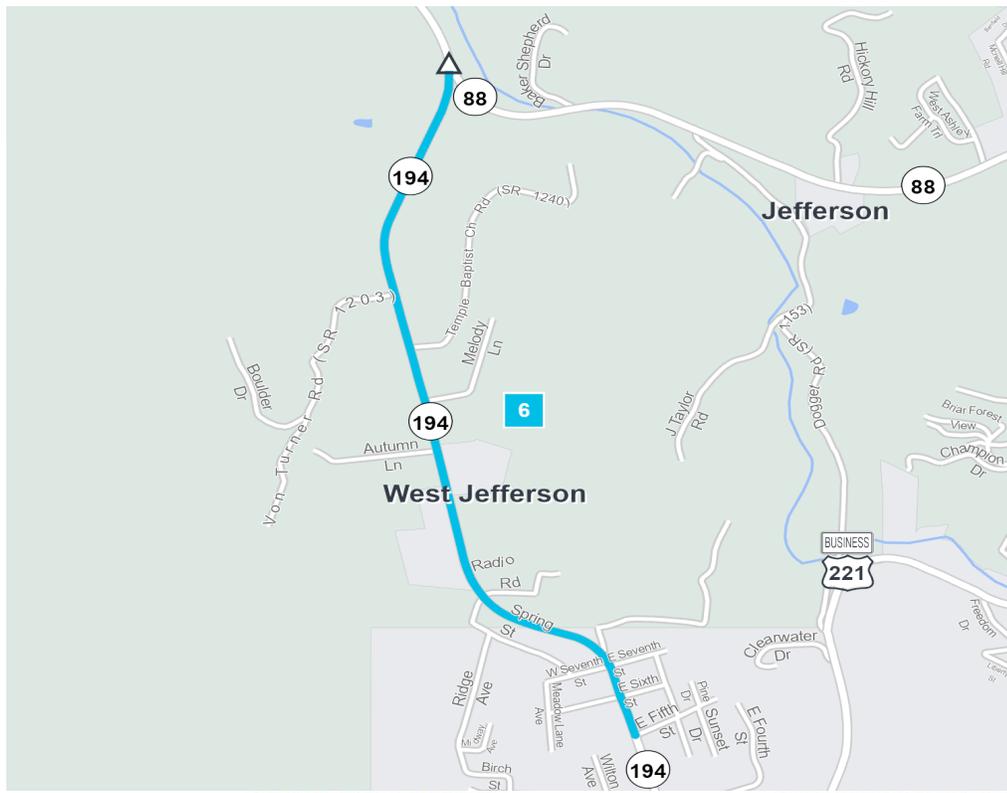
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



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	Major Thoroughfare 2-lane
Typical Section	02 B
Section Options	-
Length (miles)	1.28
Existing ROW (feet)	60
Safety Risk Score	67-78

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2
<i>Volume (vpd)</i>	5600-6400	7500-8600	7500-8600
<i>Capacity (vpd)</i>	11600-14600	11600-14600	11600-14600

Capacity Data:	Year
Facility will be Approaching Capacity (>80%)	2089
Facility will be Over Capacity (>=100%)	2112

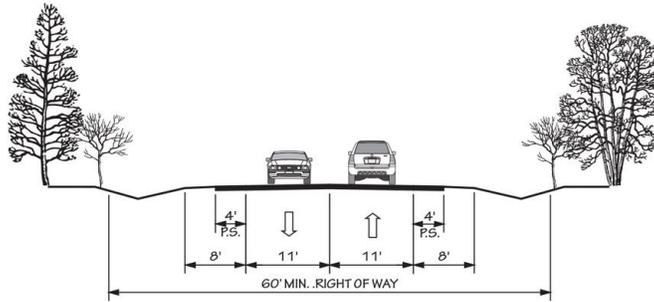


Typical Section Options:

None

TYPICAL SECTION No. 2B

2 LANES UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 25-45 MPH

Project Overview

Project History

NC 194 is classified as a "Major Collector" on the Federal Functional Classification System.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Sixteen participants out of 579 expressed this roadway was too dangerous with curvy bends for bike races or vehicles. One participant said its perfect for biking.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 4 Flood Hazard Area Feature(s)
- 5 Landscape Habitat Indicator Guild Feature(s)
- 1 Managed Area Feature(s)
- 2 Natural Heritage Element Occurrence Feature(s)
- 2 Wetland Feature(s)
- 3 River And Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 0% and 25% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 5% and 10% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 20% and 50% identify as Households with No Car

Relationship to Land Use

This section of NC 194 provides connectivity between West Jefferson and Jefferson, with Lansing. The highway is rural with access to businesses, residential, and multiple secondary routes.

Other Information

Crash Analysis

Crash data analysis shows approximately 25 crashes along NC 94 recommendation area. Crash data covered incidents from January 2015 to December 2019.

NC Hwy 194 Highway Recommendation

From: NC 88/NC 194 in Warrensville To: NC 88/NC 194

Local ID: ASHE30007-H

Purpose: None

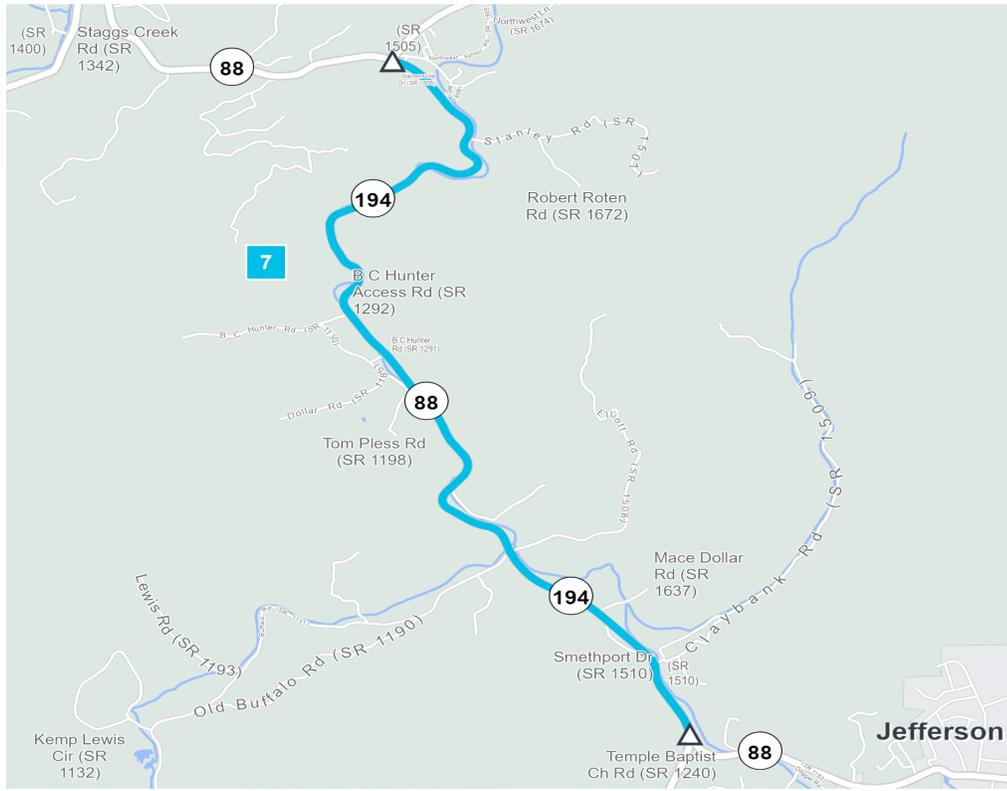
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



	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	Major Thoroughfare 2-lane
Typical Section	02 M
Section Options	-
Length (miles)	3.77
Existing ROW (feet)	50-115
Safety Risk Score	67-100

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2
<i>Volume (vpd)</i>	7200-9500	9600-12700	9600-12700
<i>Capacity (vpd)</i>	11600-15100	11600-15100	11600-15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2057
Facility will be Over Capacity (>=100%)	2080

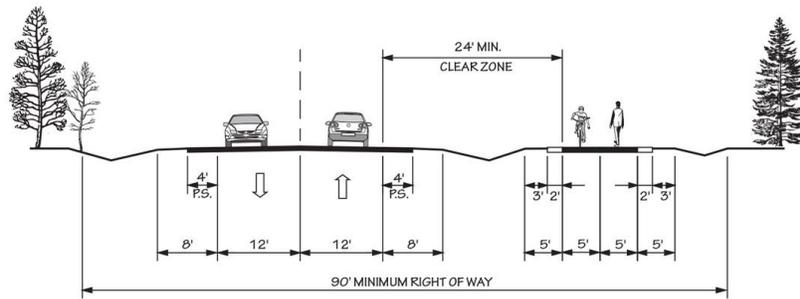


Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



POSTED SPEED 55 MPH

Project Overview

Project History

NC Hwy 194 is classified as a "Major Collector" on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 CTP and the High Country Bicycle and Pedestrian Plan

Multi-modal Considerations

This project is recommended to have a multiuse path to provide multimodal connectivity between West Jefferson and Lansing.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Sixteen participants out of 579 expressed this roadway was too dangerous with curvy bends for bike races or vehicles. One participant said its perfect for biking.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 18 Flood Hazard Area Feature(s)
- 2 Impaired Waters Line Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 1 Landslide Slope Movement Outline Feature(s)
- 1 Landslide Ground Rupture Line Feature(s)

- 2 Managed Area Feature(s)
- 5 Natural Heritage Element Occurrence Feature(s)
- 7 Wetland Feature(s)
- 18 River And Stream Feature(s)
- 2 Quality Monitored River And Stream Feature(s)
- 1 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

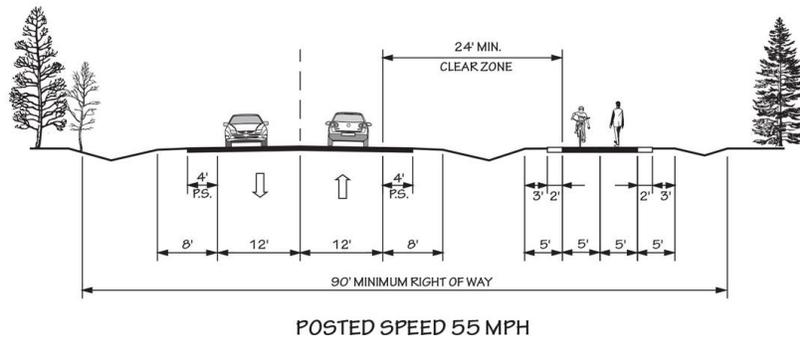
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 1% and 2.5% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 20% and 50% identify as Households with No Car

Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



Relationship to Land Use

This section of NC 194 provides connectivity between West Jefferson and Jefferson, with Lansing. The highway is rural with access to businesses, residential, and multiple secondary routes.

Other Information

Crash Analysis

Crash data analysis shows approximately 77 crashes on or near NC Hwy 194 recommendation area. Crash data covered incidents from January 2015 to December 2019.

Bridge Analysis

One bridge along this facility was shown to be structurally deficient and functionally obsolete: Bridge 040049. Additionally bridge 30000088 was found to be structurally deficient. Structurally deficient bridges are bridges that must be monitored, inspected, and replaced at the appropriate time. Functionally obsolete bridges are bridges that were built with different standards used today.

NC Hwy 194 Highway Recommendation

From: NC 88/NC 194 in Warrensville To: Patton Rd (1380) in Lansing

Local ID: ASHE30008-H

Purpose: None

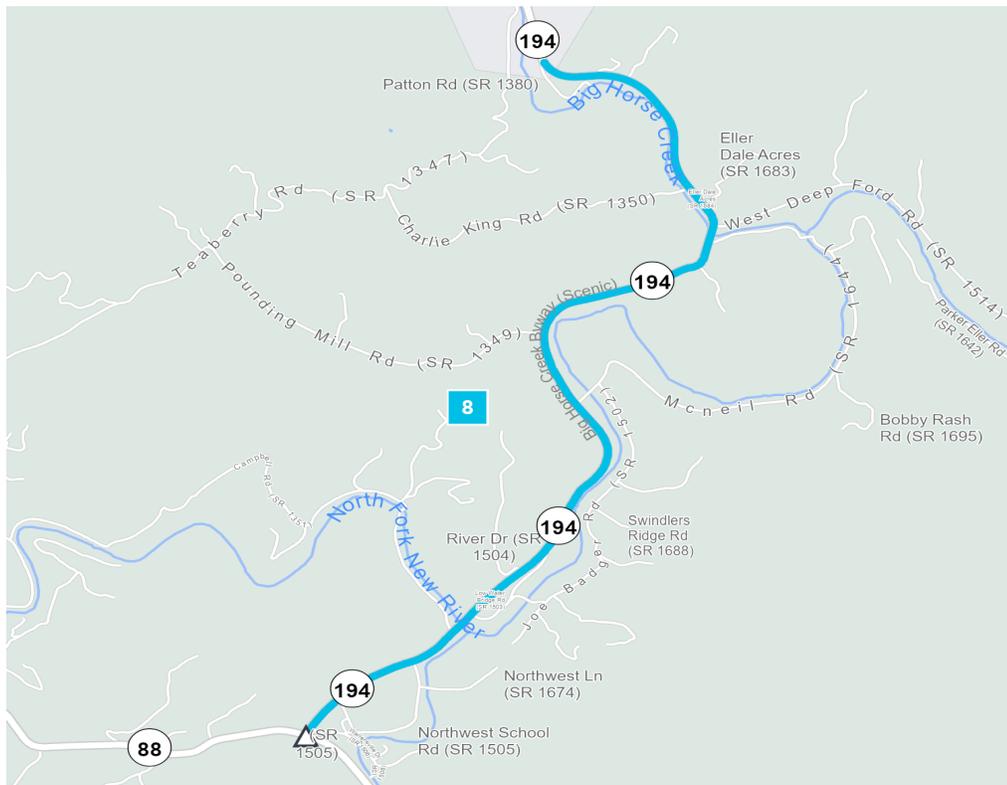
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



	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	Major Thoroughfare 2-lane
Typical Section	02 M
Section Options	-
Length (miles)	3.26
Existing ROW (feet)	100
Safety Risk Score	67

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2
<i>Volume (vpd)</i>	5200	7000	7000
<i>Capacity (vpd)</i>	15100	15100	15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2113
Facility will be Over Capacity (>=100%)	2136

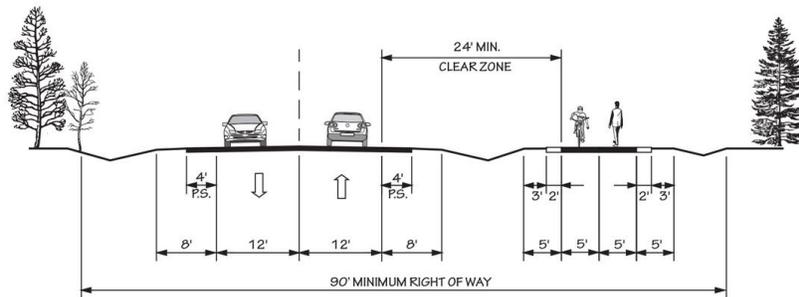


Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



POSTED SPEED 55 MPH

Project Overview

Project History

NC 194 is classified as Major Collector on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 CTP and the High Country Bicycle and Pedestrian Plan

Multi-modal Considerations

This project is recommended to have a multiuse path to provide multimodal continuity between West Jefferson and Lansing.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Sixteen participants out of 579 expressed this roadway was too dangerous with curvy bends for bike races or vehicles. One participant said its perfect for biking.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 27 Flood Hazard Area Feature(s)
- 1 Hazard Substance Disposal Area Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 5 Major River Feature(s)
- 1 Managed Area Feature(s)

- 12 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 5 Wetland Feature(s)
- 12 River And Stream Feature(s)
- 1 Protected Area Feature(s)
- 2 Regional Trail Feature(s)
- 3 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

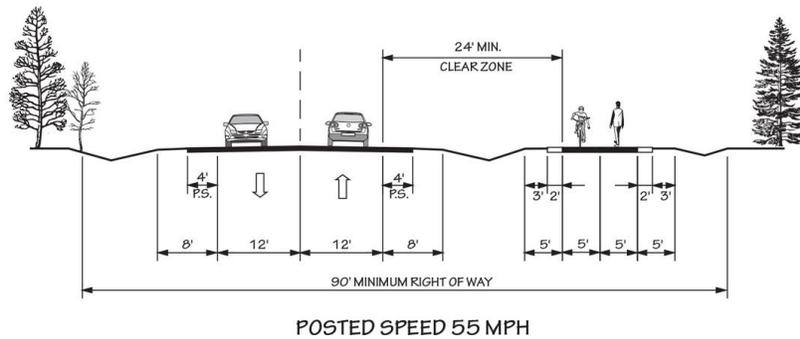
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 1% and 2.5% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race

Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 15% and 20% identify as Households with No Car

Relationship to Land Use

This section of NC 194 provides connectivity between West Jefferson and Jefferson, with Lansing. The highway is rural with access to businesses, residential, and multiple secondary routes.

Other Information

Crash Analysis

Crash data analysis shows approximately 21 crashes along NC 194. Crash data covered incidents from January 2015 to December 2019.

Bridge Analysis

Two bridges along this facility were shown to be structurally deficient and functionally obsolete: Bridges 040008 and 040023. Structurally deficient bridges are bridges that must be monitored, inspected, and replaced at the appropriate time. Functionally obsolete bridges are bridges that were built with different standards used today.

NC Hwy 194 Highway Recommendation

From: Patton Rd (SR 1380) To: A St

Local ID: ASHE30011-H

Purpose: None

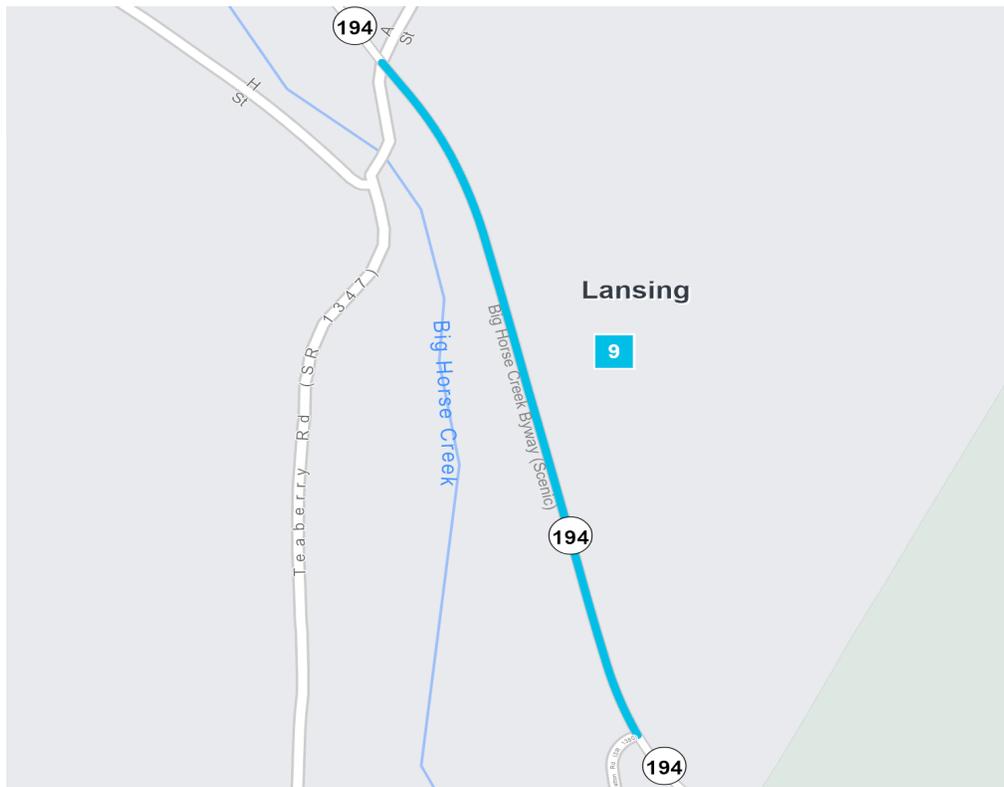
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



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	Major Thoroughfare 2-lane
Typical Section	02 M
Section Options	-
Length (miles)	0.25
Existing ROW (feet)	40-60
Safety Risk Score	78

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	With Proposal	
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2	2
<i>Volume (vpd)</i>	5100	6800	6800	6800
<i>Capacity (vpd)</i>	11600	11600	11600	11600

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2113
Facility will be Over Capacity (>=100%)	2136

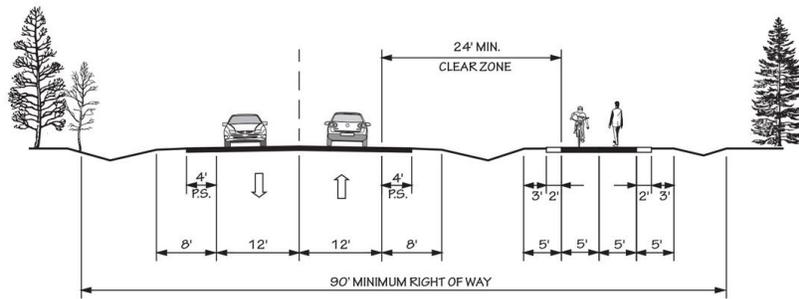


Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



POSTED SPEED 55 MPH

Project Overview

Project History

NC 194 is classified as a "Major Collector" on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 Ashe County CTP, Lansing Bicycle and Pedestrian Plan, and the High Country Bicycle and Pedestrian Plan.

Multi-modal Considerations

This project is recommended to have a multiuse path.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Sixteen participants out of 579 expressed this roadway was too dangerous with curvy bends for bike races or vehicles. One participant said its perfect for biking.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 27 Flood Hazard Area Feature(s)
- 1 Hazard Substance Disposal Area Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 5 Major River Feature(s)
- 1 Managed Area Feature(s)

- 12 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 5 Wetland Feature(s)
- 12 River And Stream Feature(s)
- 1 Protected Area Feature(s)
- 2 Regional Trail Feature(s)
- 3 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

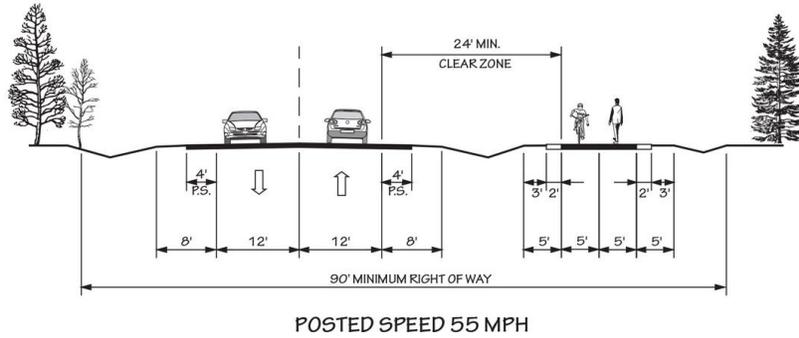
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 1% and 2.5% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race

Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 15% and 20% identify as Households with No Car

Relationship to Land Use

This section of NC 194 is rural with access to businesses, residential, and agriculture.

NC Hwy 194 Highway Recommendation

From: A St To: South Big Horse Creek Rd (SR-1353)

Local ID: ASHE30012-H

Purpose: None

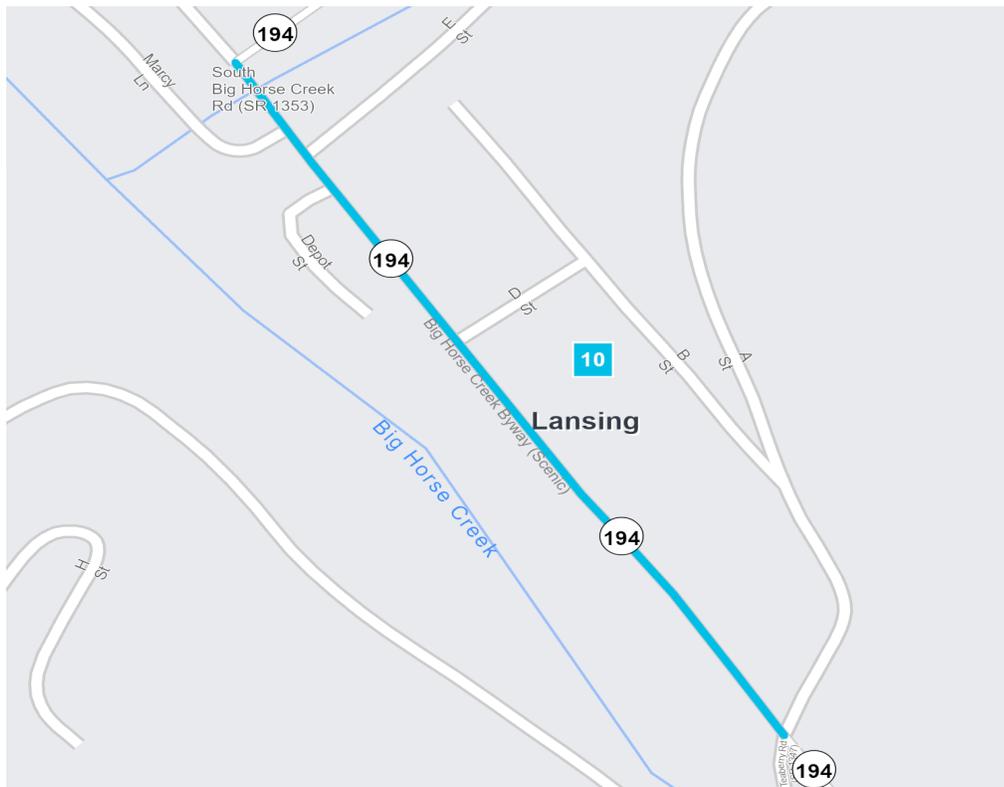
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



	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	Major Thoroughfare 2-lane
Typical Section	02 M
Section Options	-
Length (miles)	0.21
Existing ROW (feet)	40
Safety Risk Score	78

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2
<i>Volume (vpd)</i>	5100	6800	6800
<i>Capacity (vpd)</i>	11600	11600	11600

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2113
Facility will be Over Capacity (>=100%)	2136

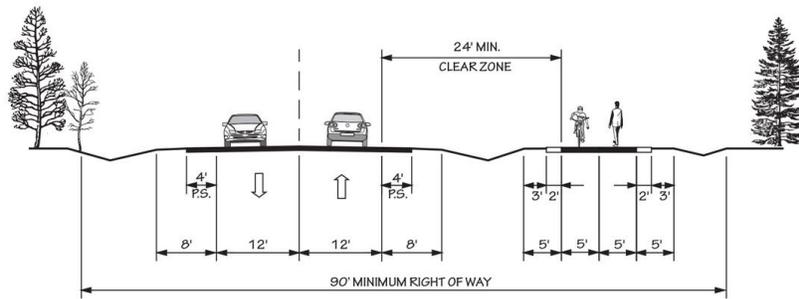


Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEWALK



POSTED SPEED 55 MPH

Project Overview

Project History

NC 194 is classified as Major Collector on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 Ashe County CTP, Lansing Bicycle and Pedestrian Plan, and the High Country Bicycle and Pedestrian Plan.

Multi-modal Considerations

This project is recommended to have bike lanes and sidewalk.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Sixteen participants out of 579 expressed this roadway was too dangerous with curvy bends for bike races or vehicles. One participant said its perfect for biking.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 27 Flood Hazard Area Feature(s)
- 1 Hazard Substance Disposal Area Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 5 Major River Feature(s)
- 1 Managed Area Feature(s)

- 12 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 5 Wetland Feature(s)
- 12 River And Stream Feature(s)
- 1 Protected Area Feature(s)
- 2 Regional Trail Feature(s)
- 3 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

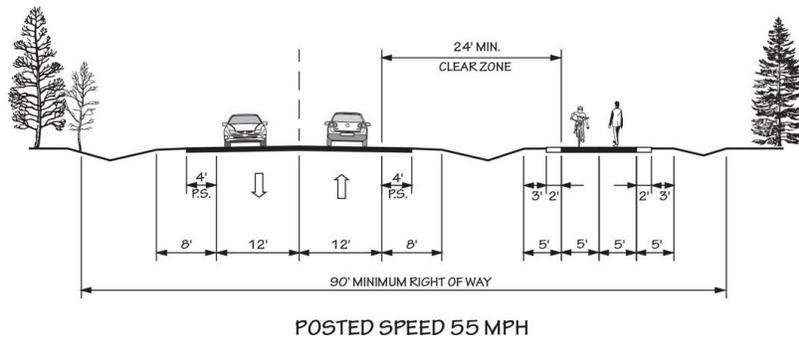
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 1% and 2.5% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race

Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 15% and 20% identify as Households with No Car

Relationship to Land Use

This portion of NC 194 is located within the town limits of Lansing. It provides access to local business as well as residences.

Other Information

Crash Analysis

Crash data analysis shows approximately 6 crashes along NC 194. Crash data covered incidents from January 2015 to December 2019.

Bridge Analysis

One bridge along this facility was shown to be structurally deficient and functionally obsolete: Bridge 040023. Structurally deficient bridges are bridges that must be monitored, inspected and replaced at the appropriate time. Functionally obsolete bridges are bridges that were built with different standards used today.

NC Hwy 194 Highway Recommendation

From: South Big Horse Creek Rd (SR 1353) To: Helton Creek Rd (SR-1370)

Local ID: ASHE30009-H

Purpose: None

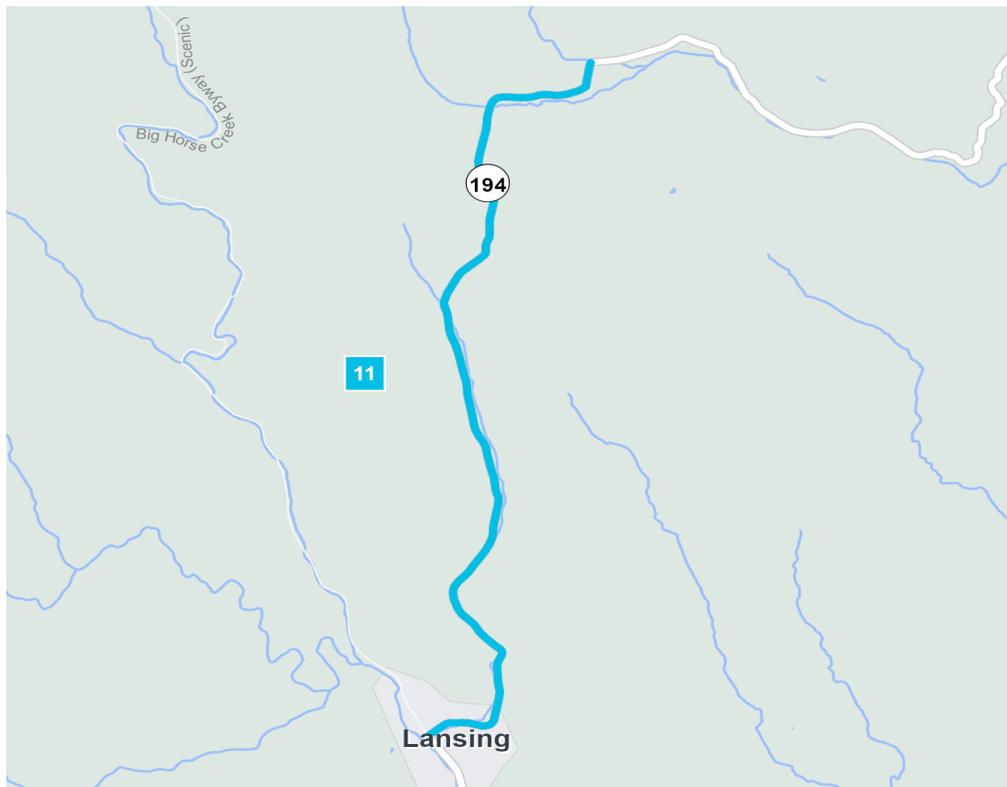
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



	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	Major Thoroughfare 2-lane
Typical Section	02 M
Section Options	-
Length (miles)	4.82
Existing ROW (feet)	60
Safety Risk Score	11-67

Proposal Data:	2019 Base Year		2050 Future Year	
	Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
Travel Lanes	2	2	2	2
Volume (vpd)	2100-5100	2800-6800	2800-6800	2800-6800
Capacity (vpd)	11600-14600	11600-14600	11600-14600	11600-14600

Capacity Data:	Year
Facility will be Approaching Capacity (>80%)	2113
Facility will be Over Capacity (>=100%)	2136

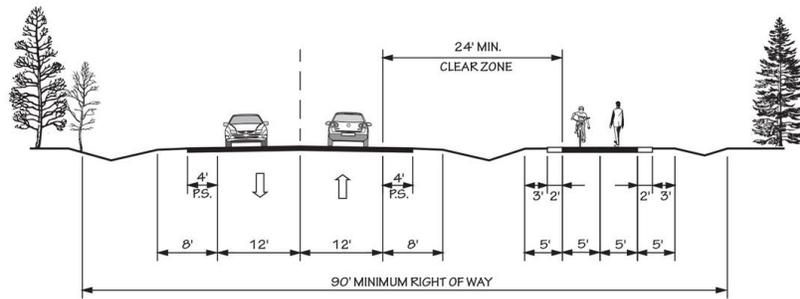


Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEWALK



POSTED SPEED 55 MPH

Project Overview

Project History

NC 194 is classified as a "Major Collector" on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 CTP as well as the High Country Bicycle and Pedestrian Plan

Multi-modal Considerations

Portions of this project within Lansing is recommended to have sidewalk and a multiuse path.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Sixteen participants out of 579 expressed this roadway was too dangerous with curvy bends for bike races or vehicles. One participant said its perfect for biking.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 15 Flood Hazard Area Feature(s)
- 5 Landscape Habitat Indicator Guild Feature(s)
- 1 Managed Area Feature(s)
- 6 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)

- 9 Wetland Feature(s)
- 43 River And Stream Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 0% and 1% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Relationship to Land Use

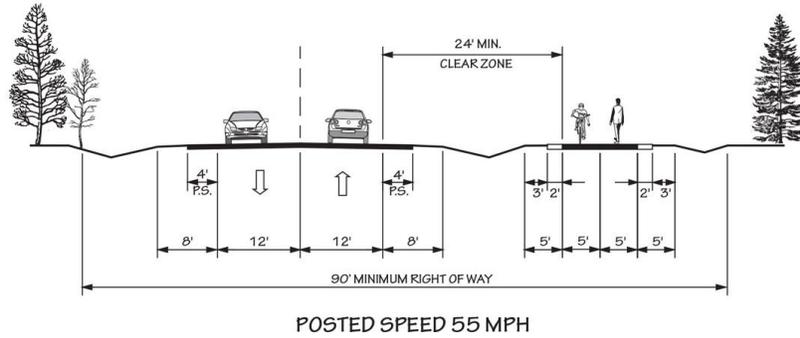
This section of NC 194 is rural with access to businesses,

Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



residential, and agriculture.

Other Information

Crash Analysis

Crash data analysis shows approximately 24 crashes along NC 194. Crash data covered incidents from January 2015 to December 2019.

Bridge Analysis

One bridge along this facility was shown to be structurally deficient and functionally obsolete: Bridge 040025. Structurally deficient bridges are bridges that must be monitored, inspected and replaced at the appropriate time. Functionally obsolete bridges are bridges that were built with different standards used today.

NC Hwy 194 Highway Recommendation

From: Old Helton School Rd (SR-1669)
To: Virginia State Line

Local ID: ASHE30010-H

Purpose: None

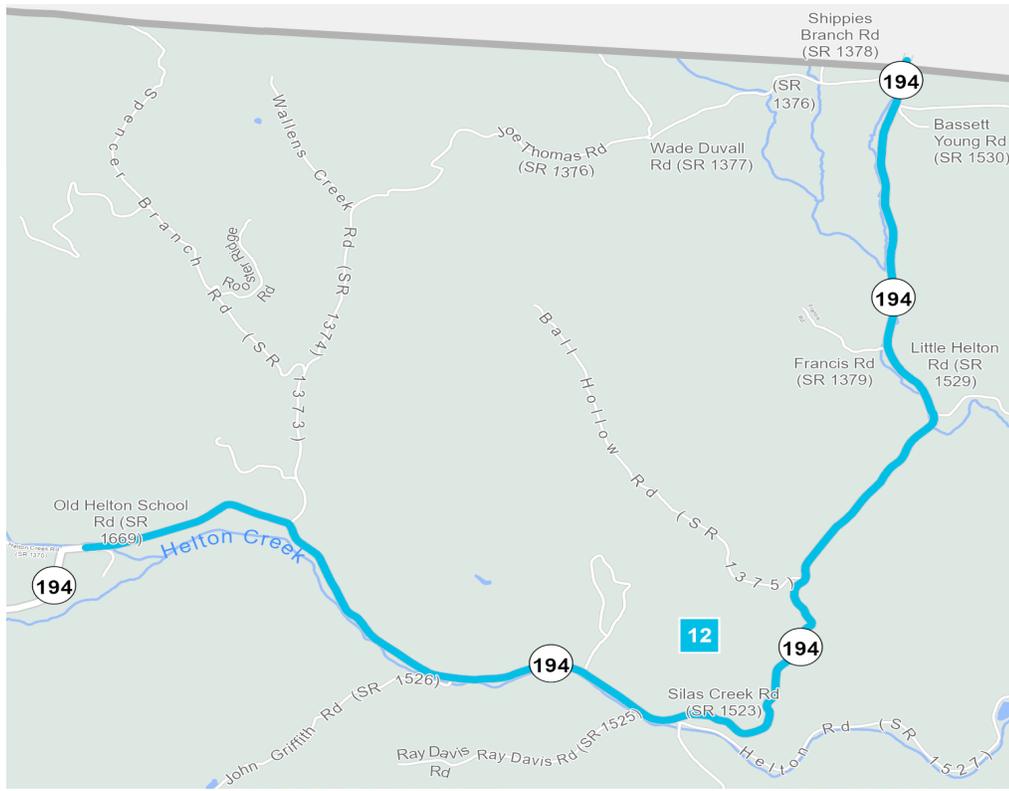
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



	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	Major Thoroughfare 2-lane
Typical Section	02 B
Section Options	-
Length (miles)	4.55
Existing ROW (feet)	60-100
Safety Risk Score	22-44

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
Travel Lanes	2	2	2
Volume (vpd)	200-800	300-1100	300-1100
Capacity (vpd)	11600-14600	11600-14600	11600-14600

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2307
Facility will be Over Capacity (>=100%)	2330

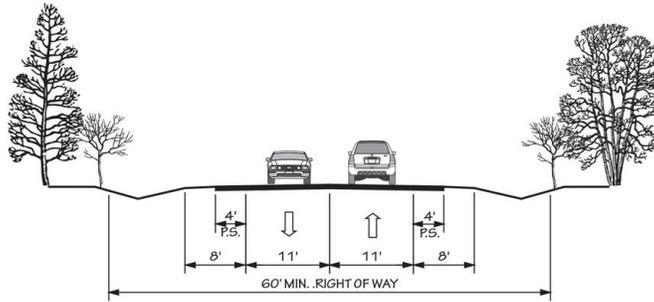


Typical Section Options:

None

TYPICAL SECTION No. 2B

2 LANES UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 25-45 MPH

Project Overview

Project History

NC 194 is classified as a "Major Collector" on the Federal Functional Classification System. This portion was identified on the 2010 Ashe County CTP as "needs improvement".

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Sixteen participants out of 579 expressed this roadway was too dangerous with curvy bends for bike races or vehicles. One participant said its perfect for biking.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 28 Flood Hazard Area Feature(s)
- 5 Landscape Habitat Indicator Guild Feature(s)
- 6 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 42 Wetland Feature(s)
- 75 River And Stream Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 1 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Relationship to Land Use

This section of NC 194 is rural with access to businesses, residential, and agriculture.

Other Information

Crash Analysis

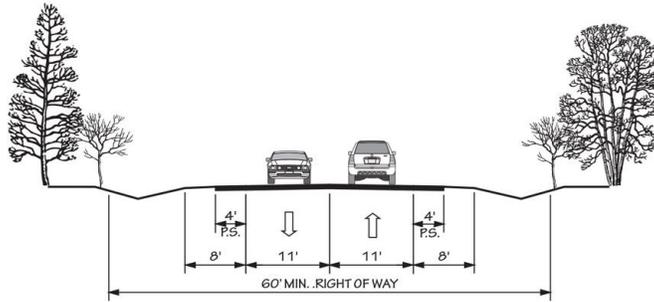
Crash data analysis shows approximately 6 crashes along NC 194. Crash data covered incidents from January 2015

Typical Section Options:

None

TYPICAL SECTION No. 2B

2 LANES UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 25-45 MPH

to December 2019.

Bridge Analysis

Two bridges along this facility were shown to be structurally deficient and functionally obsolete: Bridges 040032 and 040040. Structurally deficient bridges are bridges that must be monitored, inspected, and replaced at the appropriate time.

Helton Creek Rd Highway Recommendation

From: NC 194 To: Virginia State Line

Local ID: ASHE40011-H

Purpose: None

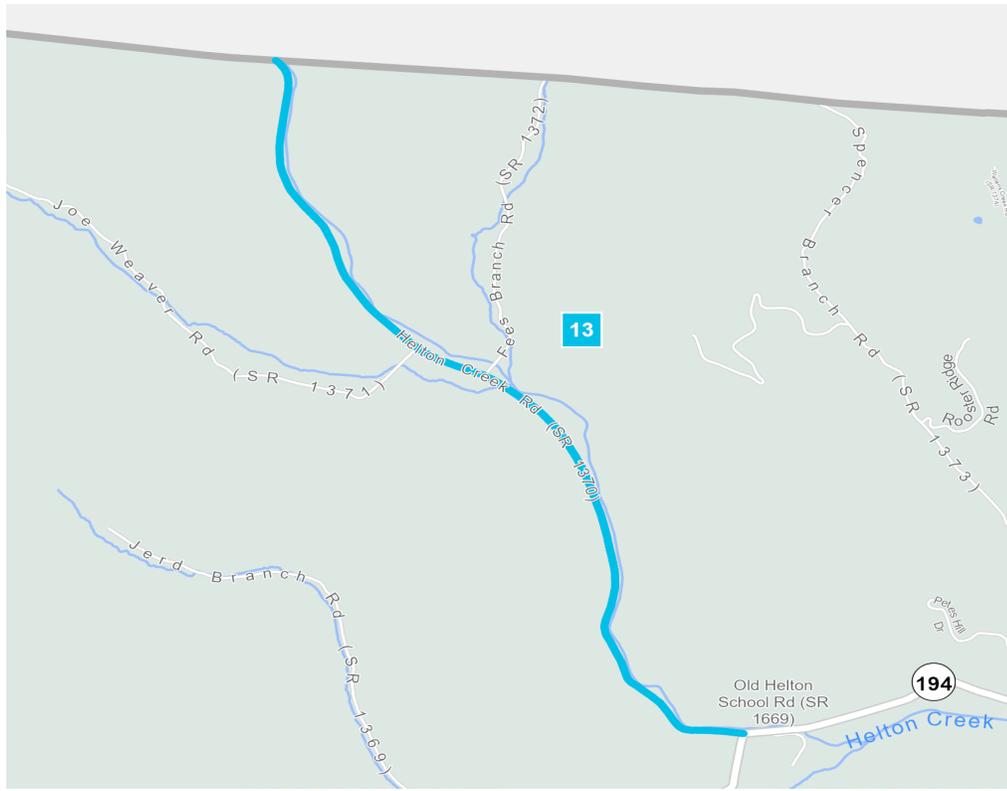
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



Proposal At A Glance

Highway Class	Modernization
Facility Type	Minor Thoroughfare
Typical Section	02 A
Section Options	-
Length (miles)	2.26
Existing ROW (feet)	
Safety Risk Score	22

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare
Travel Lanes	2	2	2
Volume (vpd)	750	1000	1000
Capacity (vpd)	15100	15100	15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2656
Facility will be Over Capacity (>=100%)	2704

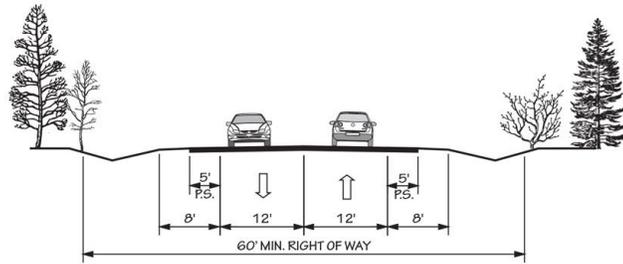


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project Overview

Project History

Helton Creek Rd is classified as a "Minor Collector" on the Federal Functional Classification System.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Survey participants said why not utilize the old Creeper railroad line that runs from Virginia all the way into West Jefferson, just as they do in Abingdon and Damascus, Va? It would eliminate widening the highway for a bike lane and reduce the risk of injury to riders from vehicles. It follows the main road all the way into town from the Lansing area to West Jefferson and on to Todd. We've all known this for years but no one wants to think about that.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Conservation Tax Credit Property Feature(s)
- 10 Flood Hazard Area Feature(s)
- 4 Landscape Habitat Indicator Guild Feature(s)
- 3 Managed Area Feature(s)
- 6 Natural Heritage Element Occurrence Feature(s)

- 1 Natural Heritage Natural Area Feature(s)
- 20 Wetland Feature(s)
- 47 River And Stream Feature(s)
- 1 Protected Area Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 2 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 0% and 1% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 15% and 25% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

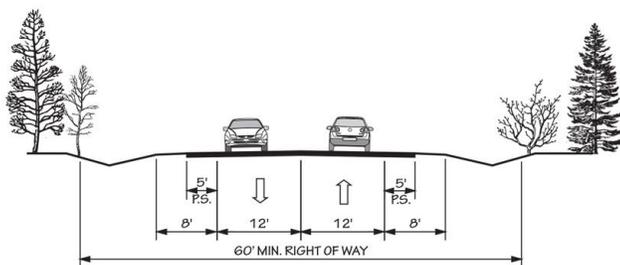
Relationship to Land Use

This section of Helton Creek Road is rural with access to businesses, residential, and agriculture.

Typical Section Options:
None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Other Information

Crash Analysis

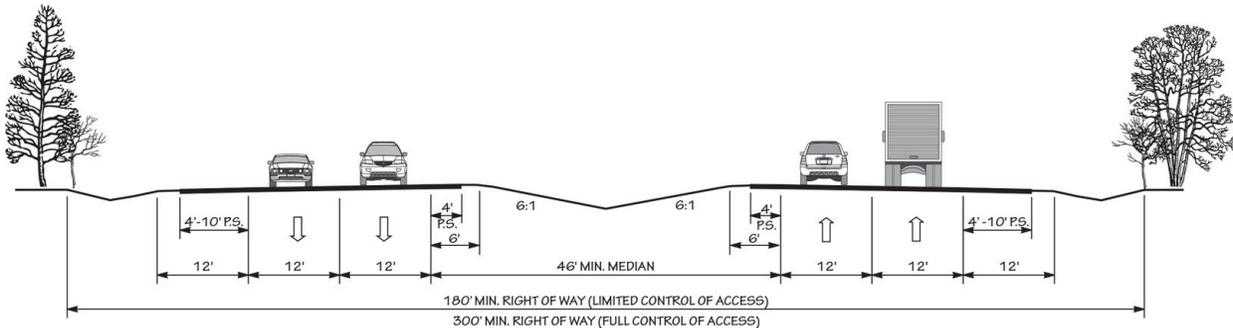
Crash data analysis shows approximately 8 crashes on or near Helton Creek Rd recommendation area. Crash data covered incidents from January 2015 to December 2019.

Typical Section Options:

TYPICAL SECTION No. 4A

None

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



POSTED SPEED 45-70 MPH

Project Overview

Project History

US 221 is classified as Minor Arterial on the Federal Functional Classification System. The current US 221 widening is broken up into five sections. The portion between Jefferson and West Jefferson is referred to as Section E. Construction on this project began in July 2020. [Linkage to Other Plans](#) This recommendation was included in the 2010 Ashe County CTP and identified as Needs Improvement.

Multi-modal Considerations

No multimodal recommendations.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves congestion by widening to four lanes with a median along this facility to provide easier travel. This is a funded project under construction.

Goals & Objectives Survey

Participants desired pedestrian sidewalks on both sides on 221 Business. I have seen many people walking along the road in that area, also Bike path or lane desired as well

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 20 Flood Hazard Area Feature(s)
- 1 Impaired Waters Line Feature(s)
- 5 Landscape Habitat Indicator Guild Feature(s)

- 1 Managed Area Feature(s)
- 5 Natural Heritage Element Occurrence Feature(s)
- 10 Wetland Feature(s)
- 13 River And Stream Feature(s)
- 2 Lake And Pond Feature(s)
- 2 Regional Trail Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 2 Target Local Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

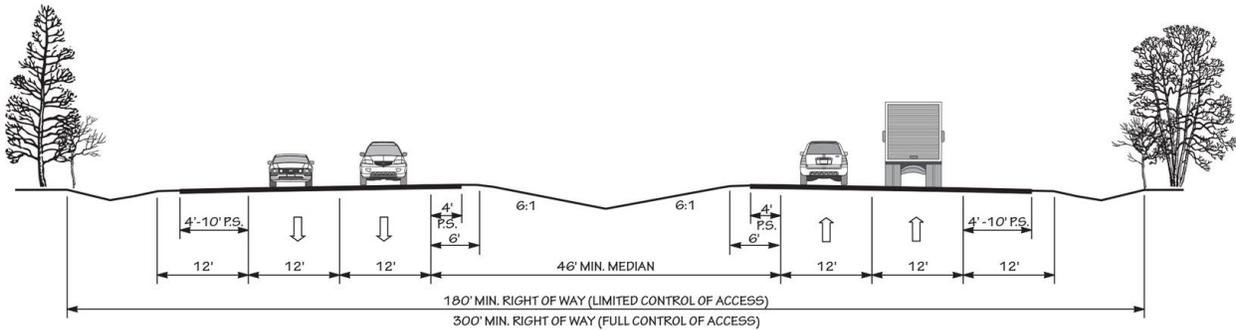
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 5% and 10% identify as Some Other Race
- Between 5% and 10% identify as Two of More Races

Typical Section Options:

TYPICAL SECTION No. 4A

None

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



POSTED SPEED 45-70 MPH

- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Relationship to Land Use

This section of NC 194 provides connectivity between Jefferson and West Jefferson and is the main Highway through Ashe County. The highway has a mix of commercial, residential, and agricultural use.

Crash Analysis

Crash data analysis shows approximately 105 crashes along US Hwy 221. Crash data covered incidents from January 2015 to December 2019.

NC Hwy 194 Highway Recommendation

From: Watauga County To: US-221

Local ID: ASHE30013-H

Purpose: None

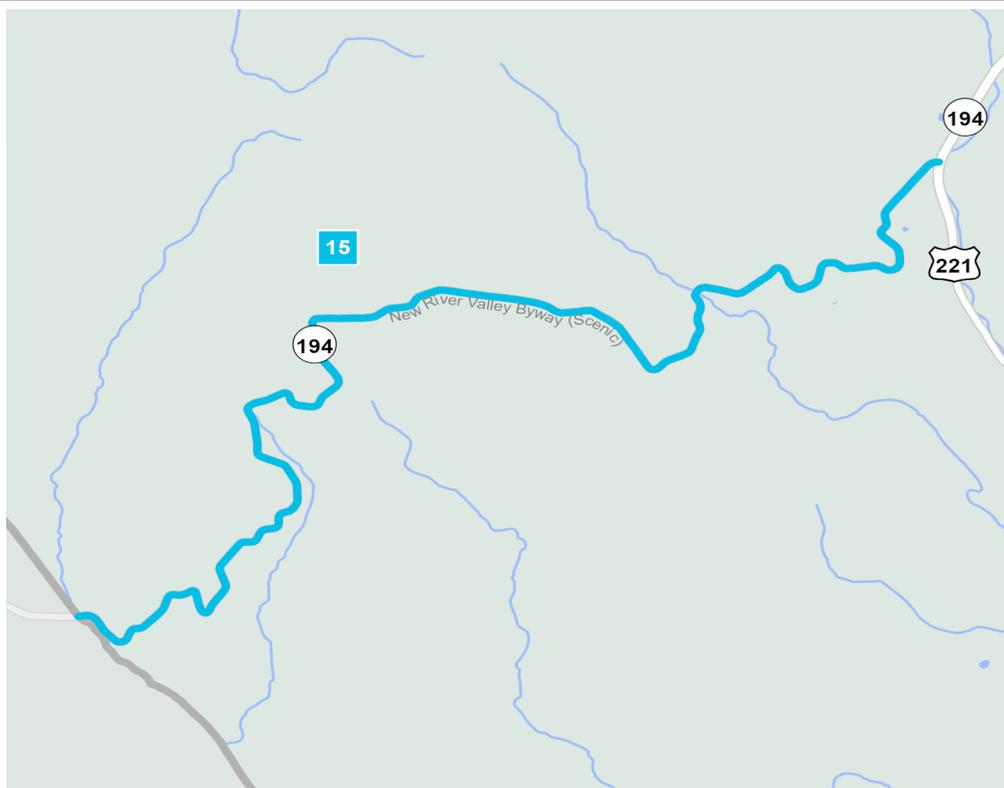
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



	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	Major Thoroughfare 2-lane
Typical Section	02 A
Section Options	-
Length (miles)	7.22
Existing ROW (feet)	60
Safety Risk Score	56-67

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2
<i>Volume (vpd)</i>	500-1800	700-2400	700-2400
<i>Capacity (vpd)</i>	11600-15100	11600-15100	11600-15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2175
Facility will be Over Capacity (>=100%)	2214

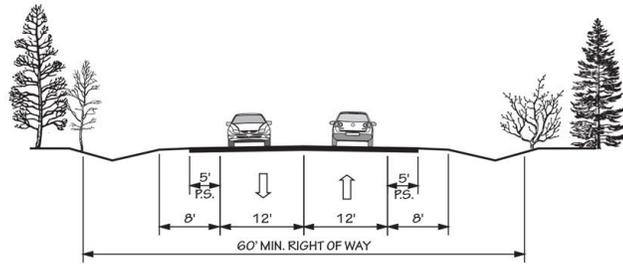


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project Overview

Project History

NC 194 is classified as a "Major Collector" on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included in the 2010 CTP and the High Country Bicycle and Pedestrian Plan.

Multi-modal Considerations

This project is recommended to have a bicycle lane.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Sixteen participants out of 579 expressed this roadway was too dangerous with curvy bends for bike races or vehicles. One participant said its perfect for biking.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 3 Flood Hazard Area Feature(s)
- 3 High Quality And Outstanding Resource Water Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 1 Managed Area Feature(s)
- 7 Natural Heritage Element Occurrence Feature(s)

- 12 Wetland Feature(s)
- 12 River And Stream Feature(s)
- 1 Lake And Pond Feature(s)
- 1 Protected Mountain Ridge Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Trout Stream Feature(s)
- 1 Water Supply Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line

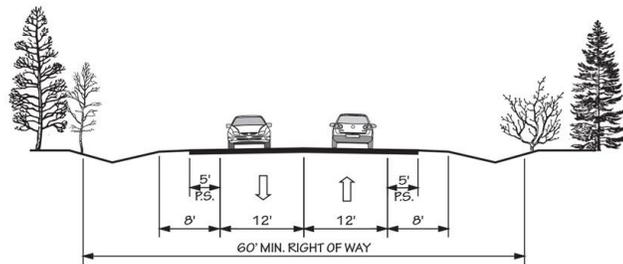
Relationship to Land Use

Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

This section of NC 194 is rural with access to businesses, residential, and agriculture.

Other Information

Crash Analysis

Crash data analysis shows approximately 15 crashes along NC 194. Crash data covered incidents from January 2015 to December 2019.

Railroad Grade Rd Highway Recommendation

From: Cranberry Springs Rd (SR-1100) To: US-221

Local ID: ASHE40014-H

Purpose: None

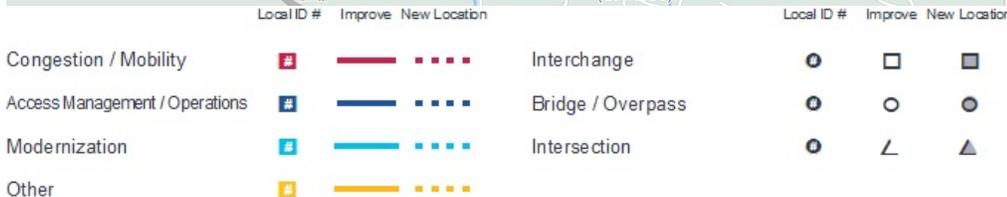
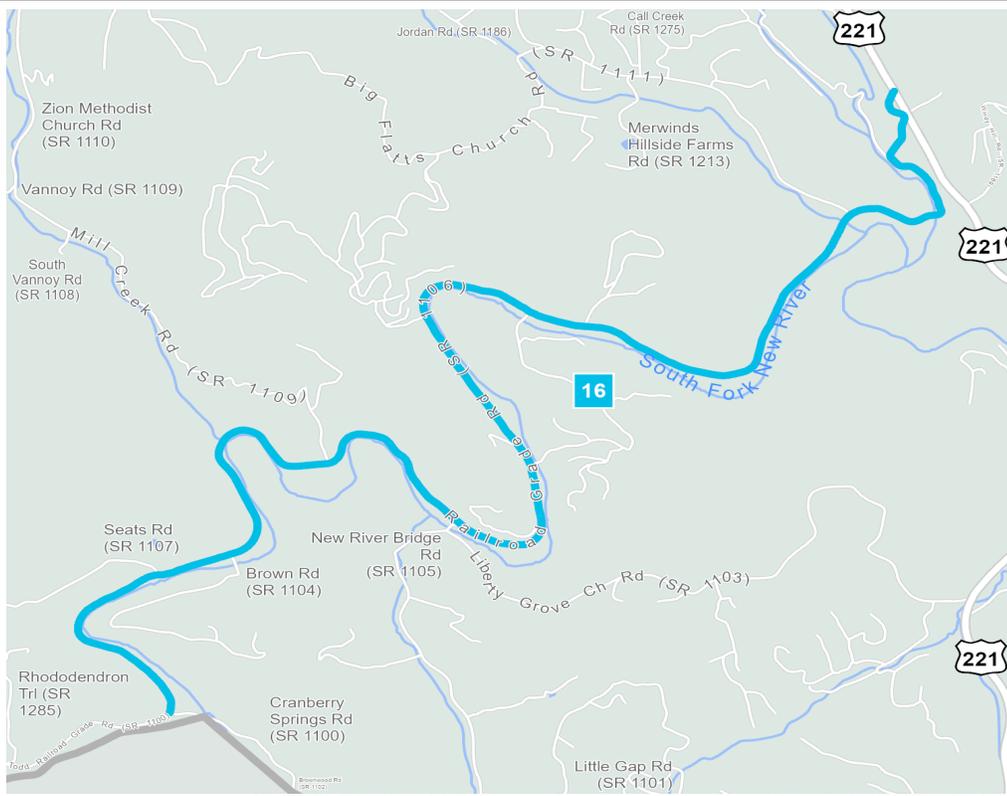
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



Proposal At A Glance

Highway Class	Modernization
Facility Type	Minor Thoroughfare
Typical Section	02 M
Section Options	-
Length (miles)	7.02
Existing ROW (feet)	
Safety Risk Score	22-56

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	With Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare
Travel Lanes	2	2	2	2
Volume (vpd)	370-1000	400-1500	400-1500	400-1500
Capacity (vpd)	15100	15100	15100	15100

Capacity Data:	Year
Facility will be Approaching Capacity (>80%)	2593
Facility will be Over Capacity (>=100%)	2642

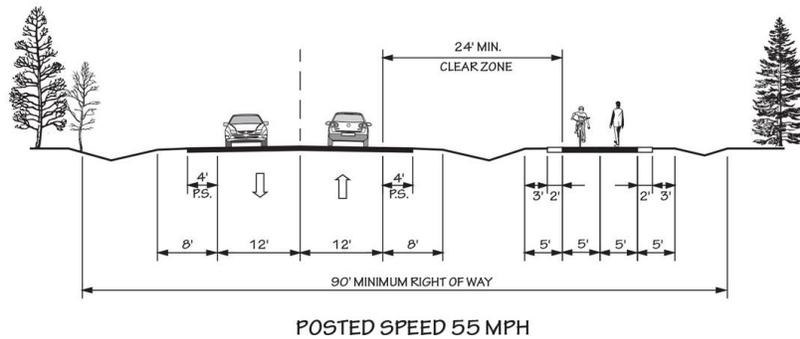


Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



Project Overview

Project History

Railroad Grade Rd is classified as "Local" on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 Ashe County CTP as Needs Improvement.

Multi-modal Considerations

This project is recommended to have a multiuse path.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

No comments from survey

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 24 Flood Hazard Area Feature(s)
- 4 High Quality And Outstanding Resource Water Feature(s)
- 5 Landscape Habitat Indicator Guild Feature(s)
- 6 Major River Feature(s)
- 2 Managed Area Feature(s)
- 18 Natural Heritage Element Occurrence Feature(s)

- 1 Natural Heritage Natural Area Feature(s)
- 9 Wetland Feature(s)
- 24 River And Stream Feature(s)
- 1 Regional Trail Feature(s)
- 2 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 0% and 25% identify as 65+
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line

Relationship to Land Use

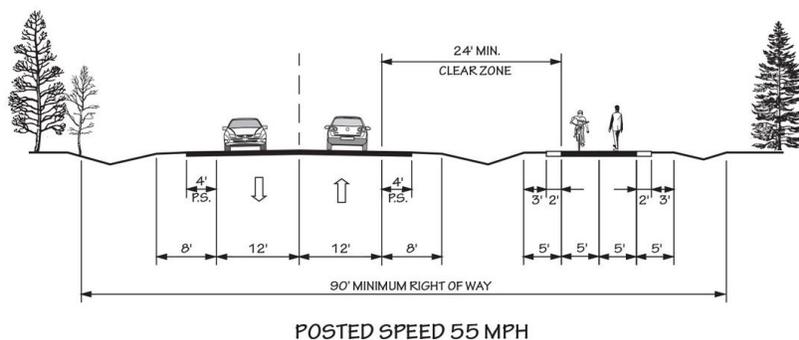
Railroad Grade Road is rural with access to businesses, residential, and agriculture.

Typical Section Options:

TYPICAL SECTION No. 2M

None

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



Other Information

Crash Analysis

Crash data analysis shows approximately 9 crashes along Railroad Grade Road. Crash data covered incidents from January 2015 to December 2019.

Idlewild Rd Highway Recommendation

From: NC 163 To: US 221

Local ID: ASHE40015-H

Purpose: None

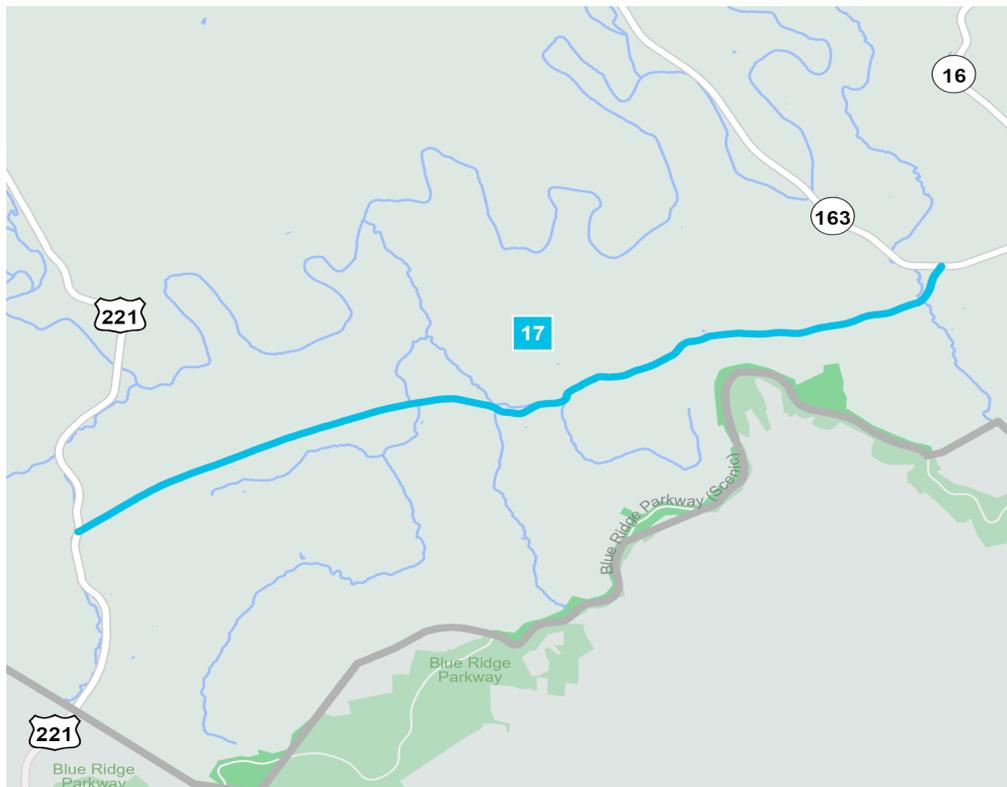
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



Proposal At A Glance

Highway Class	Modernization
Facility Type	Minor Thoroughfare
Typical Section	02 M
Section Options	-
Length (miles)	7.27
Existing ROW (feet)	100
Safety Risk Score	56

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	With Proposal	
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare	
Travel Lanes	2	2	2	
Volume (vpd)	1200-1400	1900	1900	
Capacity (vpd)	14600-15100	14600-15100	14600-15100	

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2520
Facility will be Over Capacity (>=100%)	2568

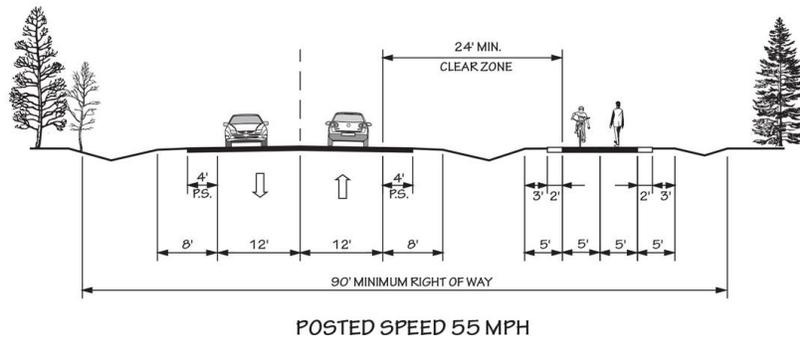


Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



Project Overview

Project History

Idlewild Rd is classified as a "Minor Collector" on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 Ashe County CTP as Needs Improvement.

Multi-modal Considerations

This project is recommended to have a multiuse path.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

2 participants shared Idlewild has dangerous, blindspots and needs shoulder work

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 8 Flood Hazard Area Feature(s)
- 1 High Quality And Outstanding Resource Water Feature(s)
- 5 Landscape Habitat Indicator Guild Feature(s)
- 1 Managed Area Feature(s)
- 6 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)

- 18 Wetland Feature(s)
- 22 River And Stream Feature(s)
- 1 Regional Trail Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

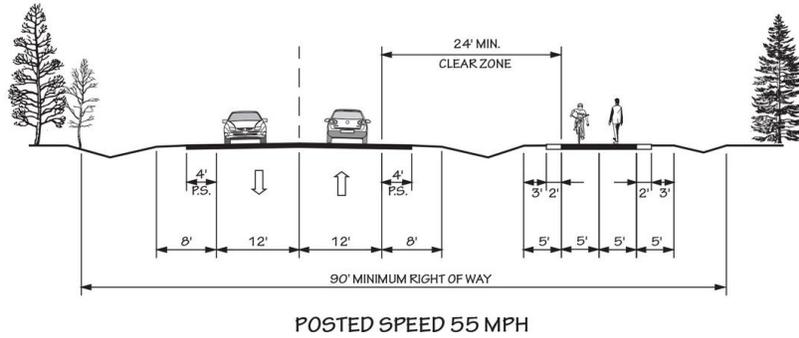
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Asian
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



Relationship to Land Use

Idlewild Road is rural with access to businesses, residential, and agriculture.

Other Information

Crash Analysis

Crash data analysis shows approximately 29 crashes along Idlewild Road. Crash data covered incidents from January 2015 to December 2019.

Old Highway 16 Highway Recommendation

From: North Main St (SR-1573) To: Deep Ford Rd (SR-1501)

Local ID: ASHE40016-H

Purpose: None

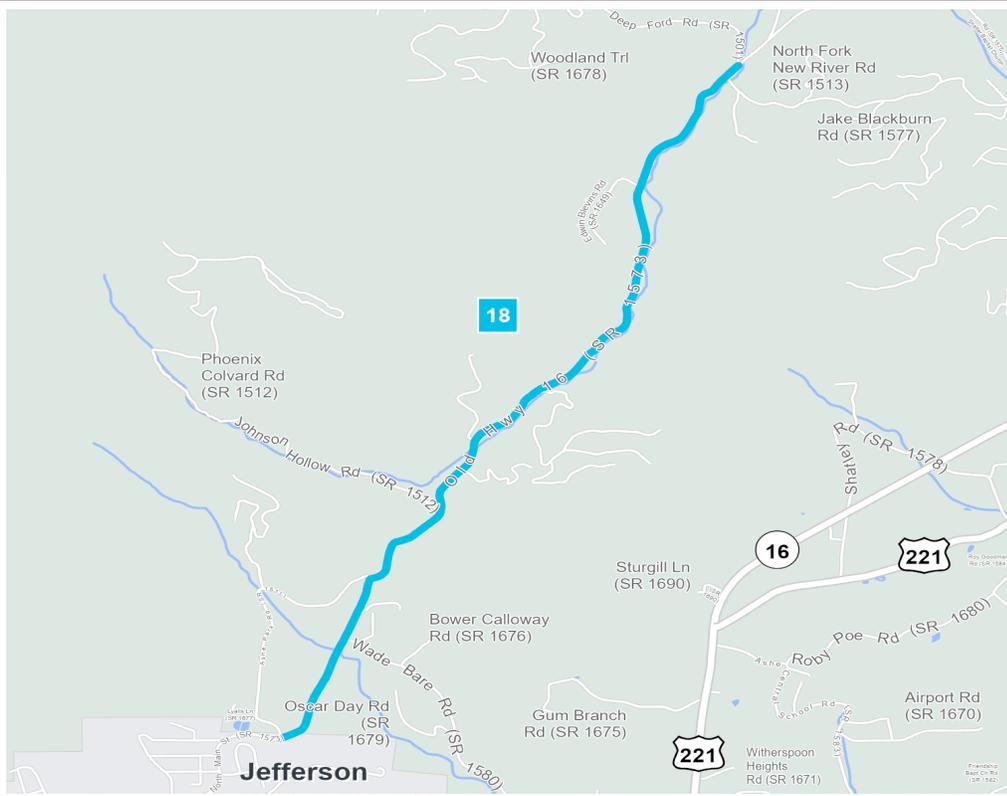
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



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 A
Section Options	-
Length (miles)	3.45
Existing ROW (feet)	36
Safety Risk Score	11-89

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare
Travel Lanes	2	2	2
Volume (vpd)	1700-4000	2000-5800	2000-5800
Capacity (vpd)	10200-15100	10200-15100	10200-15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2205
Facility will be Over Capacity (>=100%)	2254

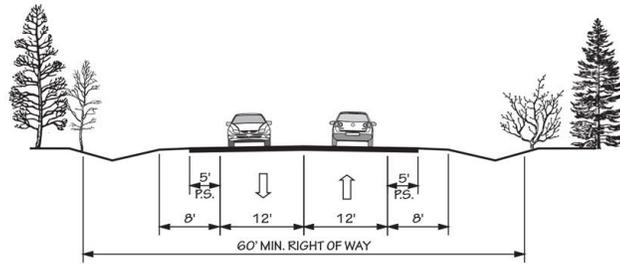


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project Overview

Project History

Old Highway 16 is classified as a "Minor Collector" on the Federal Functional Classification System.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Five Participants of 579 expressed Old 16 (main street) is extremely curvy without any guardrails, very scary as people cut the corners and almost hit you.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 4 Flood Hazard Area Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 1 Managed Area Feature(s)
- 5 Natural Heritage Element Occurrence Feature(s)
- 7 Wetland Feature(s)
- 13 River And Stream Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 1% and 2.5% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 20% and 50% identify as Households with No Car

Relationship to Land Use

Old Highway 16 is rural with access to residential and agriculture.

Other Information

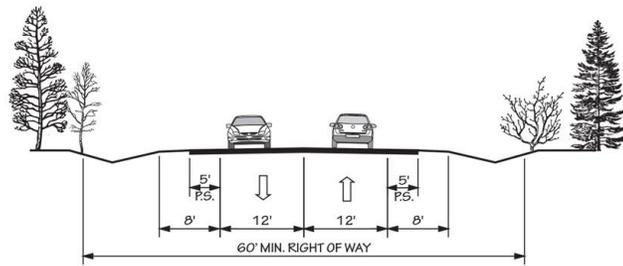
Crash Analysis

Crash data analysis shows approximately 15 crashes

Typical Section Options:
None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

along Old Highway 16. Crash data covered incidents from January 2015 to December 2019.

Old Hwy 16 Highway Recommendation

From: Deep Ford Rd (SR 1501) To: NC-16

Local ID: ASHE40017-H

Purpose: None

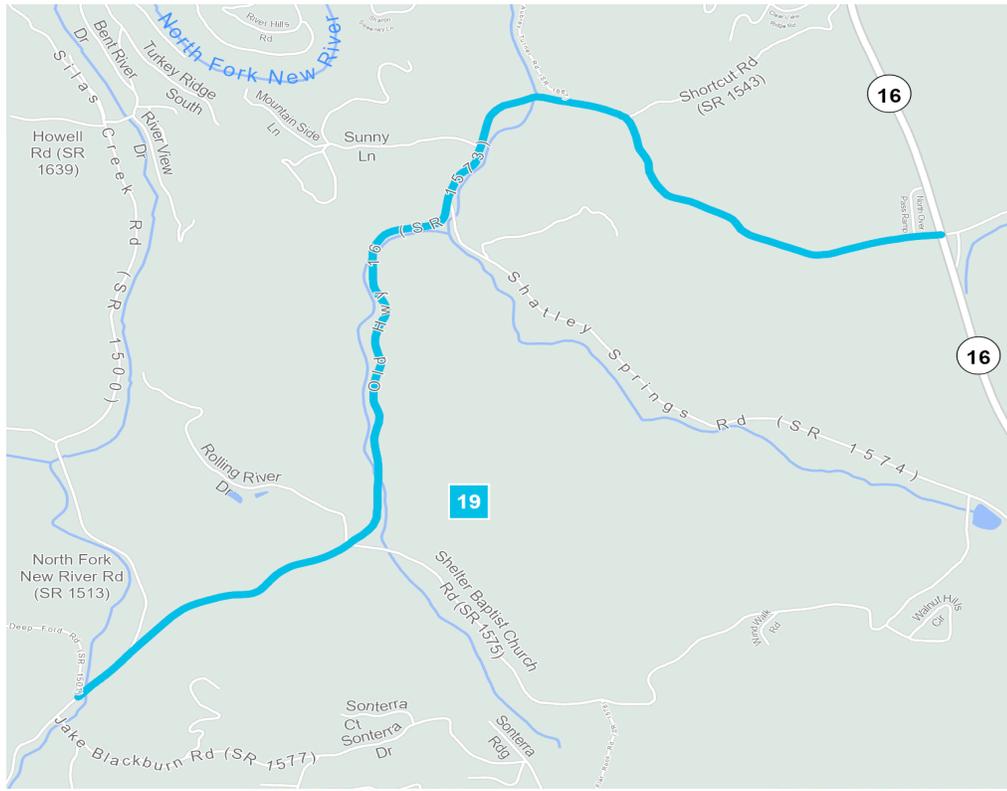
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



Proposal At A Glance

Highway Class	Modernization
Facility Type	Minor Thoroughfare
Typical Section	02 A
Section Options	-
Length (miles)	3.13
Existing ROW (feet)	36
Safety Risk Score	67-89

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	With Proposal	
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare	
Travel Lanes	2	2	2	
Volume (vpd)	500-1700	600-2000	600-2000	
Capacity (vpd)	15100	15100	15100	

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2477
Facility will be Over Capacity (>=100%)	2526

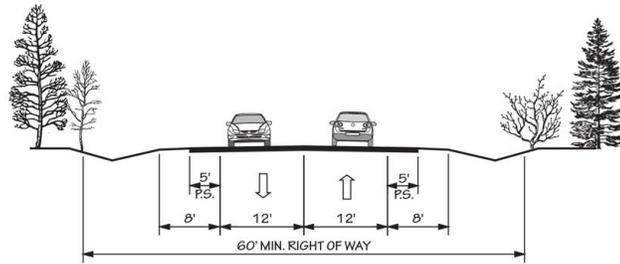


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project Overview

Project History

Old Highway 16 is classified as a "Minor Collector" on the Federal Functional Classification System.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Five participants expressed this facility has very dangerous bends, heavy landfill traffic, and deep shoulder drop offs.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 5 Flood Hazard Area Feature(s)
- 5 Landscape Habitat Indicator Guild Feature(s)
- 3 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 5 Wetland Feature(s)
- 8 River And Stream Feature(s)
- 2 Quality Monitored River And Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- 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 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Relationship to Land Use

Old Highway 16 is rural with access to residential and agriculture.

Other Information

Crash Analysis

Crash data analysis shows approximately 23 crashes along Old Highway 16. Crash data covered incidents from January 2015 to December 2019.

Bridge Analysis

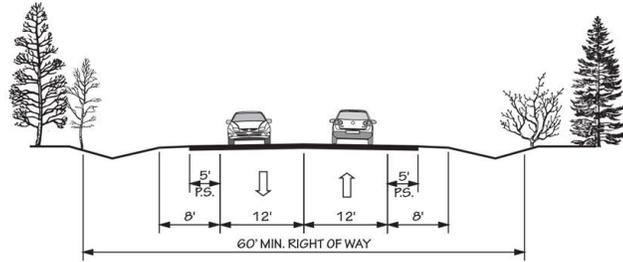
One bridge along this facility was shown to be

Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

structurally deficient and functionally obsolete: Bridge 040030. Structurally deficient bridges are bridges that must be monitored, inspected and replaced at the appropriate time. Functionally obsolete bridges are bridges that were built with different standards used today.

NC Hwy 16 North Highway Recommendation

From: US 221 To: Virginia State Line

Local ID: ASHE30018-H

Purpose: None

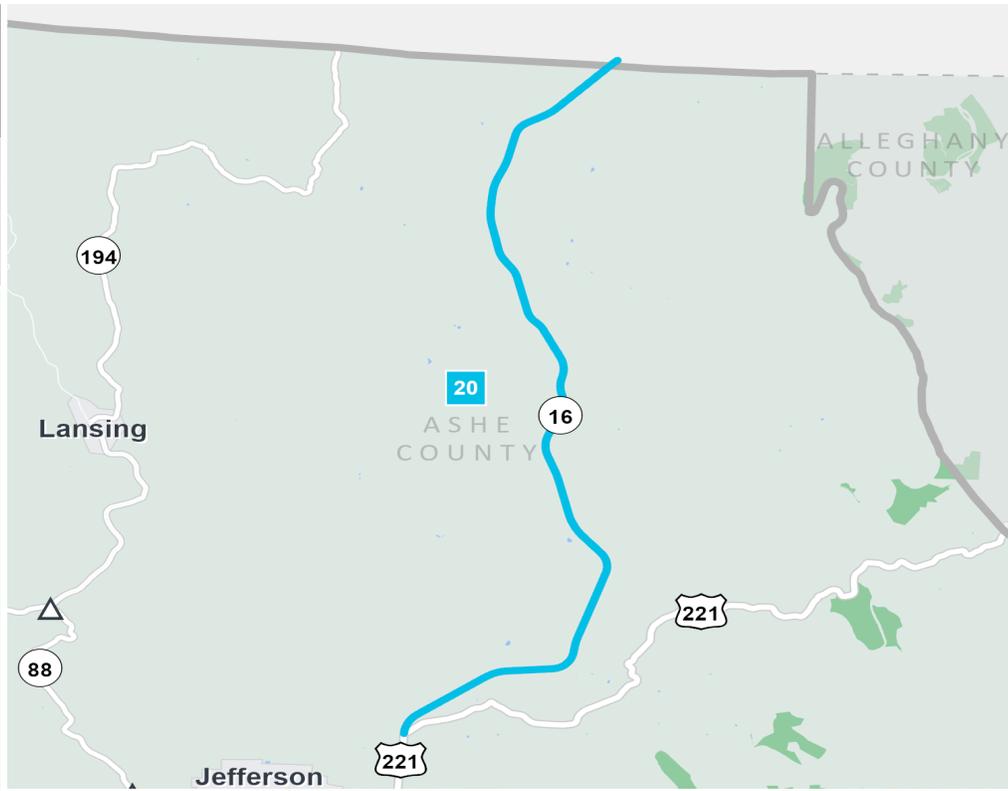
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



	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	Major Thoroughfare 2-lane
Typical Section	02 M
Section Options	-
Length (miles)	12.21
Existing ROW (feet)	100
Safety Risk Score	22-78

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	With Proposal	
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2	2
<i>Volume (vpd)</i>	1800-3300	2400-4400	2400-4400	2400-4400
<i>Capacity (vpd)</i>	15100	15100	15100	15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2186
Facility will be Over Capacity (>=100%)	2209

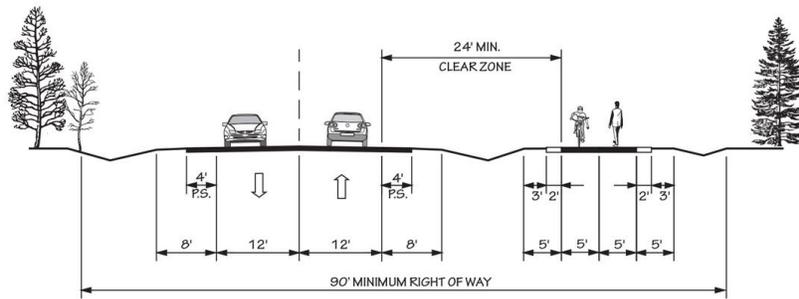


Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



POSTED SPEED 55 MPH

Project Overview

Project History

NC 16 is classified as a "Major Collector" on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 CTP.

Multi-modal Considerations

This project is recommended to have a multiuse path for multimodal connectivity.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

2 participants shared the need for a red light at the 16 north intersection in Jefferson, This intersection gets very congested. Also, the southbound NC 16 traffic turning right to go into Jefferson makes it difficult to turn right on to Sunnyside Park Dr. It is difficult to turn left onto NC 16 North if you are traveling west on US 221. The left from US 221 South onto NC 16 south is difficult. A roundabout would be a much better solution than the current situation of stoplights. 16/221 intersection needs help.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 27 Flood Hazard Area Feature(s)

- 1 Hazardous Waste Facility(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 1 Major River Feature(s)
- 2 Managed Area Feature(s)
- 16 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 29 Wetland Feature(s)
- 53 River And Stream Feature(s)
- 1 Protected Area Feature(s)
- 3 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 2 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

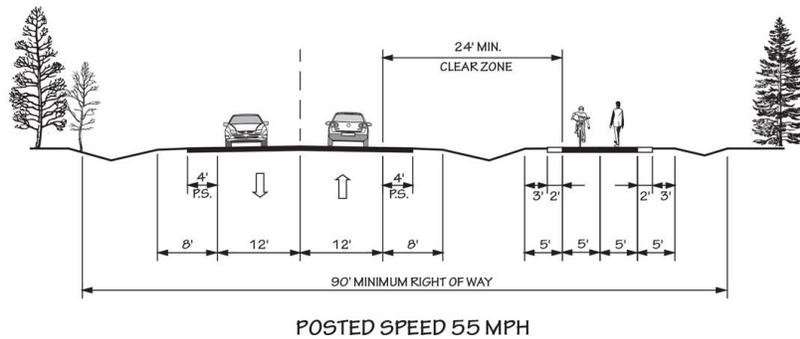
- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other

Typical Section Options:

None

TYPICAL SECTION No. 2M

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Relationship to Land Use

NC 16 North from US 221 is rural with access to residential, agriculture, and a few businesses.

Other Information

Crash Analysis

Crash data analysis shows approximately 34 crashes along NC 16. Crash data covered incidents from January 2015 to December 2019.

Bridge Analysis

Two bridges along this facility were shown to be functionally obsolete: Bridge 040030 and 040042. Functionally obsolete bridges are bridges that were built with different standards used today.

US Hwy 221 North Highway Recommendation

From: US 221/NC-16 To: Alleghany County Line

Local ID: ASHE20019-H

Purpose: None

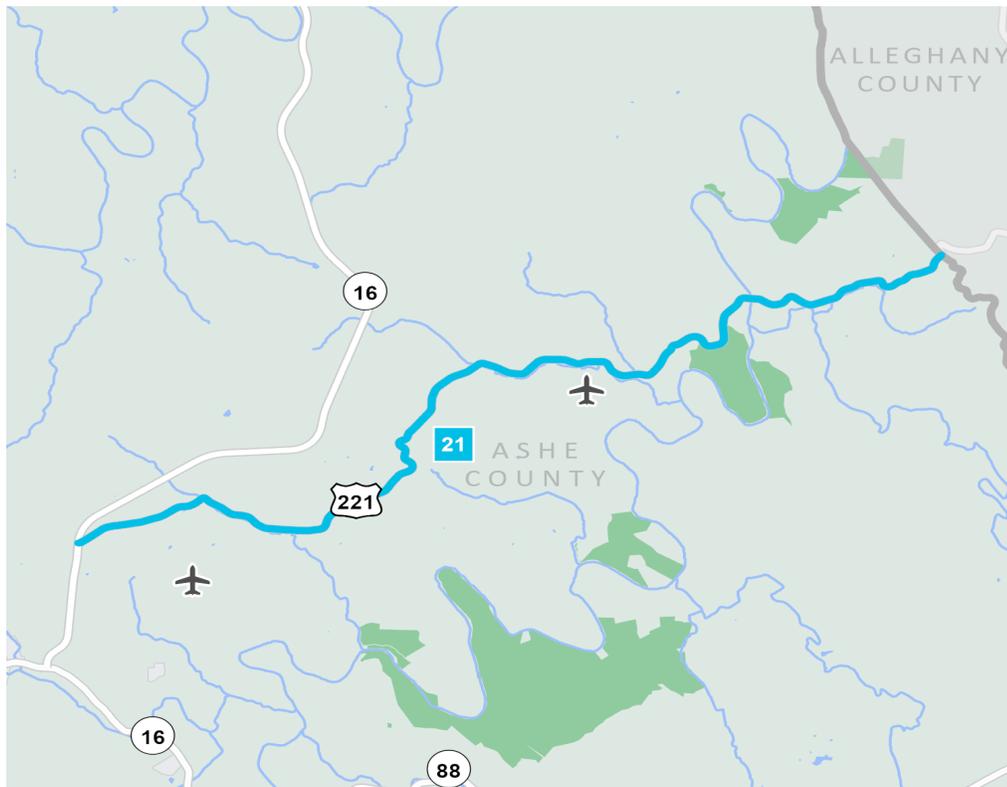
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



	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	Major Thoroughfare 2-lane
Typical Section	02 A
Section Options	-
Length (miles)	9.72
Existing ROW (feet)	60-100
Safety Risk Score	89

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2
<i>Volume (vpd)</i>	200-7600	300-11100	300-11100
<i>Capacity (vpd)</i>	15100	15100	15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2251
Facility will be Over Capacity (>=100%)	2270

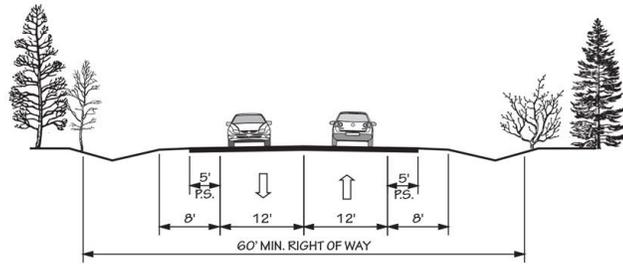


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project Overview

Project History

US Hwy 221 is classified as a "Major Collector" on the Federal Functional Classification System. This project was identified in the 2010 CTP as "Needs Improvement".

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

No comments from survey

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Ambient Water Quality Monitoring Site(s)
- 13 Flood Hazard Area Feature(s)
- 1 High Quality And Outstanding Resource Water Feature(s)
- 7 Landscape Habitat Indicator Guild Feature(s)
- 2 Major River Feature(s)
- 3 Managed Area Feature(s)
- 31 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)

- 31 Wetland Feature(s)
- 47 River And Stream Feature(s)
- 3 Lake And Pond Feature(s)
- 1 Protected Area Feature(s)
- 1 Regional Trail Feature(s)
- 2 Quality Monitored River And Stream Feature(s)
- 2 State Park Feature(s)
- 1 Target Local Watershed Feature(s)
- 2 Trout Stream Feature(s)
- 1 Wild Scenic River Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

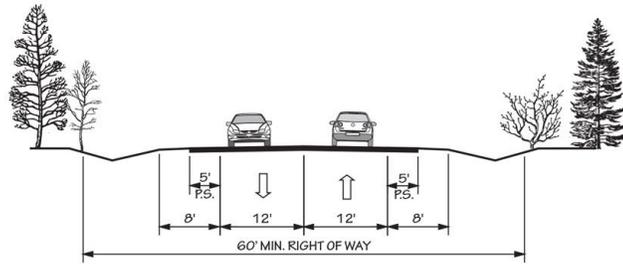
- Between 25% and 50% identify as 65+
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race

Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

- Between 1% and 5% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Other Information

Relationship to Land Use

This portion of US 221 provides access to businesses and residences. New River State Park is accessed via US 221 which provides recreational opportunities in the area.

Crash Analysis

Crash data analysis shows approximately 28 crashes on or near US Hwy 221. Crash data covered incidents from January 2015 to December 2019.

Bridge Analysis

One bridge along this facility was shown to be structurally deficient and functionally obsolete: Bridge 040029. Structurally deficient bridges are bridges that must be monitored, inspected and replaced at the appropriate time. Functionally obsolete bridges are bridges that were built with different standards used today.

NC Hwy 88 East Highway Recommendation

From: NC 16 To: Alleghany County

Local ID: ASHE30020-H

Purpose: None

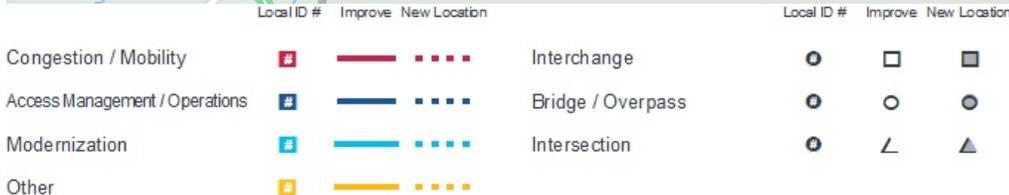
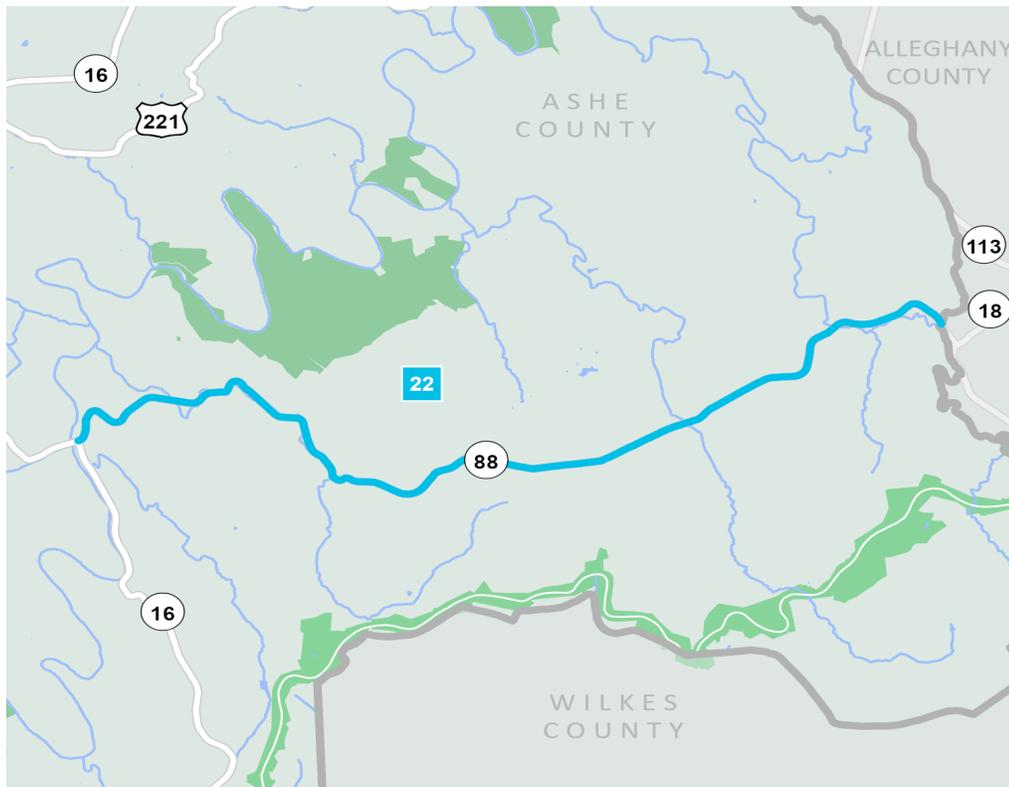
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



Proposal At A Glance

Highway Class	Modernization
Facility Type	Major Thoroughfare 2-lane
Typical Section	02 A
Section Options	-
Length (miles)	9.87
Existing ROW (feet)	60-100
Safety Risk Score	56

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	With Proposal	
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
Travel Lanes	2	2	2	2
Volume (vpd)	3500	4700	4700	4700
Capacity (vpd)	15100	15100	15100	15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2180
Facility will be Over Capacity (>=100%)	2203

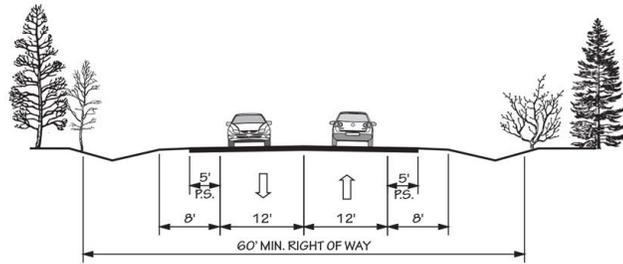


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project Overview

Project History

NC 88 is classified as a "Major Collector" on the Federal Functional Classification System.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

No comments from survey

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 16 Flood Hazard Area Feature(s)
- 1 High Quality And Outstanding Resource Water Feature(s)
- 7 Landscape Habitat Indicator Guild Feature(s)
- 2 Managed Area Feature(s)
- 13 Natural Heritage Element Occurrence Feature(s)
- 2 Natural Heritage Natural Area Feature(s)
- 21 Wetland Feature(s)
- 37 River And Stream Feature(s)
- 1 Lake And Pond Feature(s)
- 1 Protected Area Feature(s)

- 1 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 3 Trout Stream Feature(s)
- 1 Water Supply Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Relationship to Land Use

This section of NC 88 is rural with access to residential, agriculture, and a few businesses.

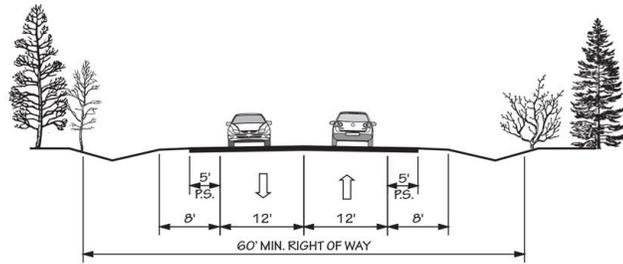
Other Information

Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Crash Analysis

Crash data analysis shows approximately 10 crashes along NC 88. Crash data covered incidents from January 2015 to December 2019.

Bridge Analysis

Four bridges along this facility were shown to be structurally deficient and functionally obsolete: Bridges 040063, 040525, 040526, and 040529. Structurally deficient bridges are bridges that must be monitored, inspected, and replaced at the appropriate time.

NC Hwy 16 South Highway Recommendation

From: River Front Dr. (SR-1158) To: NC-88

Local ID: ASHE30021-H

Purpose: None

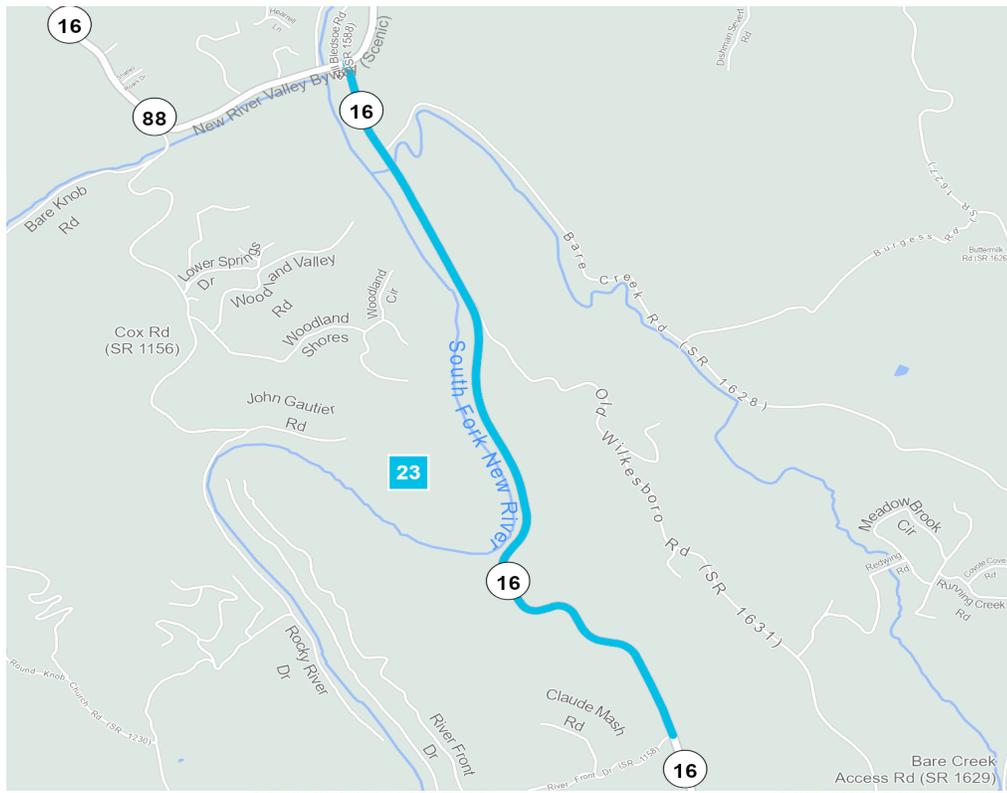
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



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	Major Thoroughfare 2-lane
Typical Section	02 A
Section Options	-
Length (miles)	2.37
Existing ROW (feet)	80-105
Safety Risk Score	44-89

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2
<i>Volume (vpd)</i>	2800	3800	3800
<i>Capacity (vpd)</i>	15100	15100	15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2203
Facility will be Over Capacity (>=100%)	2226

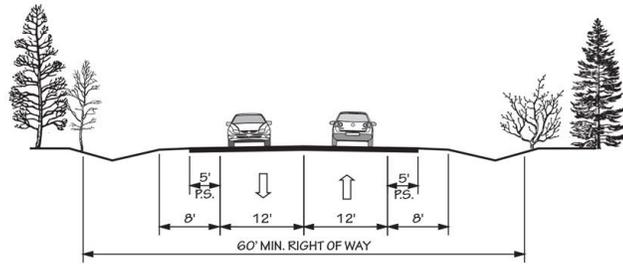


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project Overview

Project History

NC 16 is classified as "Minor Arterial" on the Federal Functional Classification System.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

No comments from survey

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 17 Flood Hazard Area Feature(s)
- 1 High Quality And Outstanding Resource Water Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 2 Major River Feature(s)
- 14 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 2 Wetland Feature(s)
- 3 River And Stream Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 2 Target Local Watershed Feature(s)

- 1 Water Supply Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Relationship to Land Use

This section of NC 16 is rural with access to businesses, residential, and agriculture.

Other Information

Crash Analysis

Crash data analysis shows approximately 17 crashes along NC 16. Crash data covered incidents from January 2015 to December 2019.

**S. Jefferson Ave (US 221 BUS)
Recommendation**

From: US-221 To: Beaver Creek School Road

Local ID: ASHE20022-H

Purpose: None

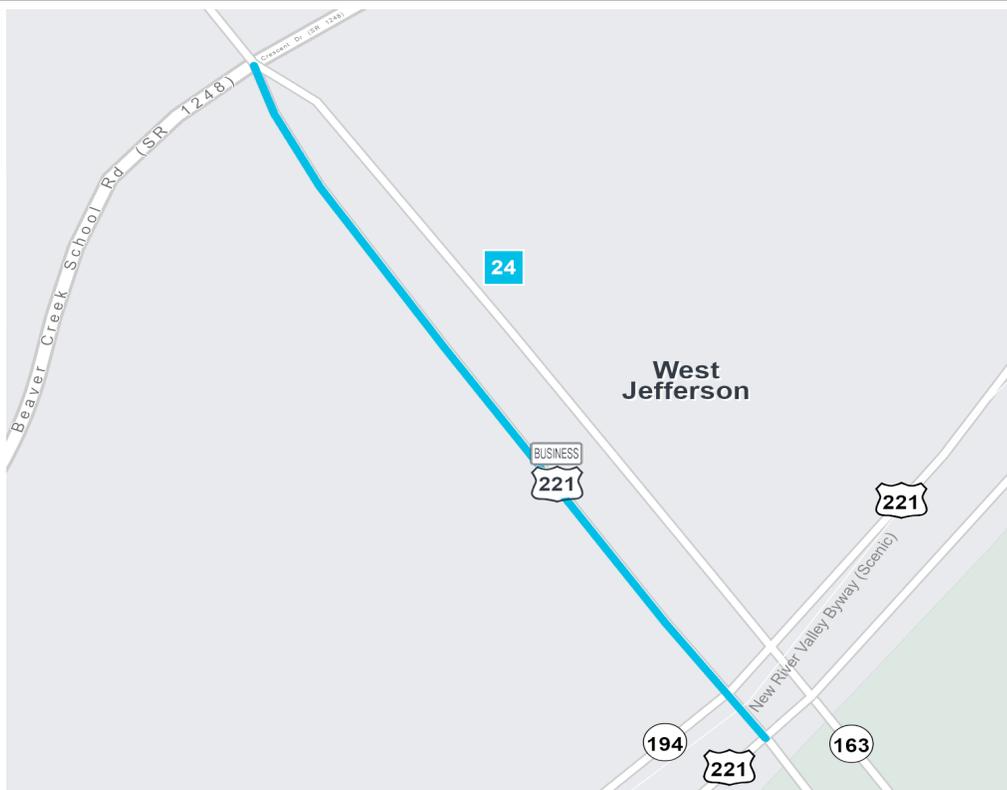
Improvement: Improve Existing

Identified Need

Highway Recommendation

Recommendation

Improve roadway/turns near Beaver Creek School Road



	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	Major Thoroughfare 2-lane
Typical Section	05 A
Section Options	-
Length (miles)	0.14
Existing ROW (feet)	250
Safety Risk Score	-

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	4	4	4	2
<i>Volume (vpd)</i>	13000	18900	18900	18900
<i>Capacity (vpd)</i>	23500	23500	23500	23500

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2081
Facility will be Over Capacity (>=100%)	2100

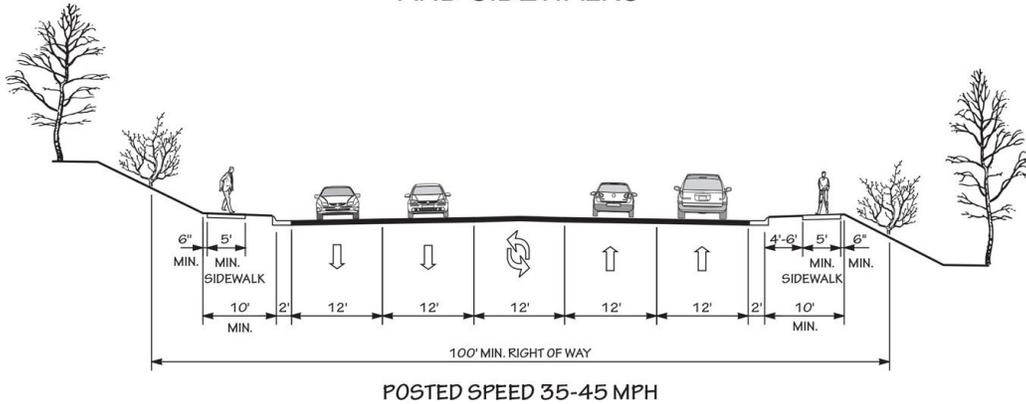


Typical Section Options:

None

TYPICAL SECTION No. 5A

4 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, AND SIDEWALKS



Project Overview

Project History

S. Jefferson Ave (US 221 BUS) is classified as a "Major Collector" on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 CTP and the High Country Bicycle and Pedestrian Plan

Multi-modal Considerations

This project is recommended to have bicycle lanes and sidewalk.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Two participants desired pedestrian sidewalks on both sides of 221 Business.

- "I have seen many people walking along the road in that area, also Bike path or lane desired as well."

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 22 Flood Hazard Area Feature(s)
- 3 Landscape Habitat Indicator Guild Feature(s)
- 3 Natural Heritage Element Occurrence Feature(s)

- 4 Wetland Feature(s)
- 5 River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 5% and 10% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Relationship to Land Use

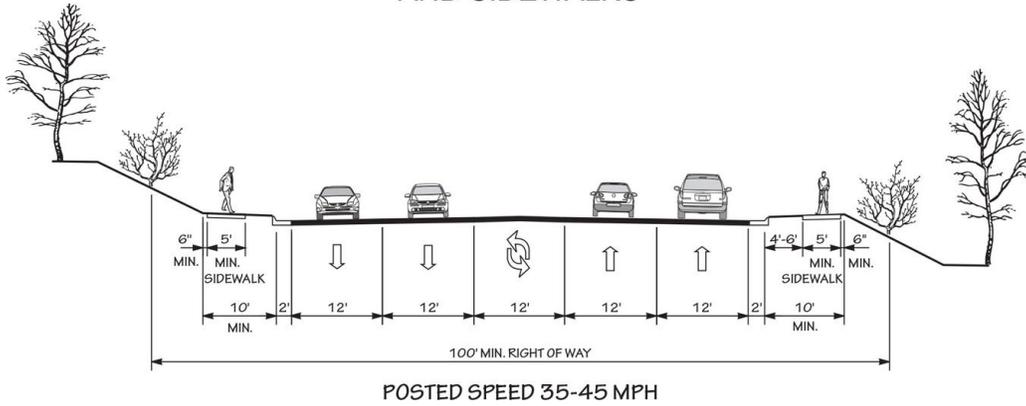
This section of US 221 Business is classified as "Highway Commercial District" in the West Jefferson zoning plan. This portion of US 221 Business provides access to

Typical Section Options:

None

TYPICAL SECTION No. 5A

4 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, AND SIDEWALKS



businesses, including Ingles Supermarket, CVS, several gasoline stations, and additional commercial businesses, causing congestion in the area.

Other Information

Crash Analysis

Crash data analysis shows approximately 58 crashes on or near S. Jefferson Ave (US 221 BUS) recommendation area. Crash data covered incidents from January 2015 to December 2019.

Deep Ford Rd Highway Recommendation

From: Old Hwy 16 (SR 1573) To: NC 194

Local ID: ASHE40023-H

Purpose: None

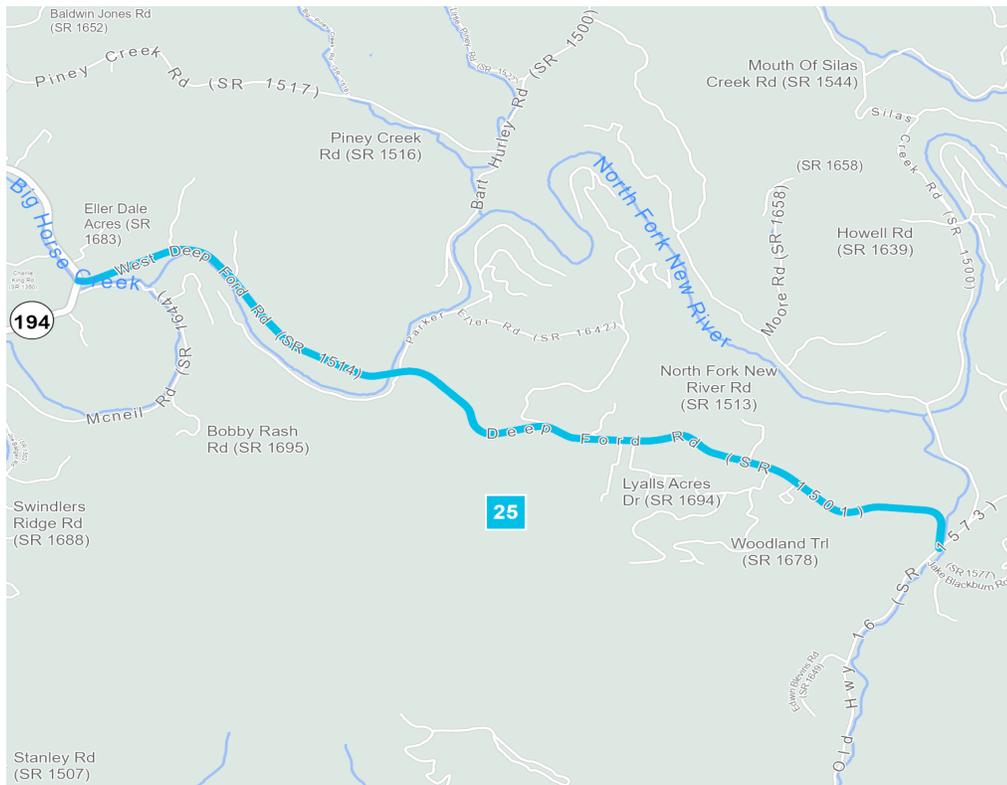
Improvement: None

Identified Need

Highway Recommendation

Recommendation

Substandard roadway less than 12 foot lanes 2 ft shoulders



	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 A
Section Options	-
Length (miles)	3.93
Existing ROW (feet)	60
Safety Risk Score	44-67

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare
Travel Lanes	2	2	2
Volume (vpd)	1400-1700	1900-2500	1900-2500
Capacity (vpd)	14600-15100	14600-15100	14600-15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2470
Facility will be Over Capacity (>=100%)	2519

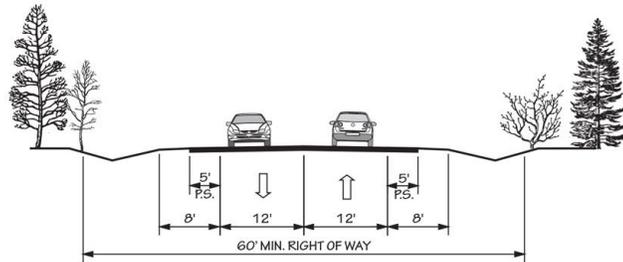


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project Overview

Project History

Deep Ford Rd is classified as a "Minor Collector" on the Federal Functional Classification System.

Multi-modal Considerations

No multimodal considerations.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

2 participants comment that Deep ford road was curvy and dangerous and motorcycles and bikers use it a lot.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 13 Flood Hazard Area Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 3 Major River Feature(s)
- 11 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)
- 6 Wetland Feature(s)
- 16 River And Stream Feature(s)
- 2 Quality Monitored River And Stream Feature(s)

- 1 Target Local Watershed Feature(s)
- 1 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 1% and 2.5% identify as Hawaiian or Pacific Islander
- Between 1% and 5% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 15% and 20% identify as Households with No Car

Relationship to Land Use

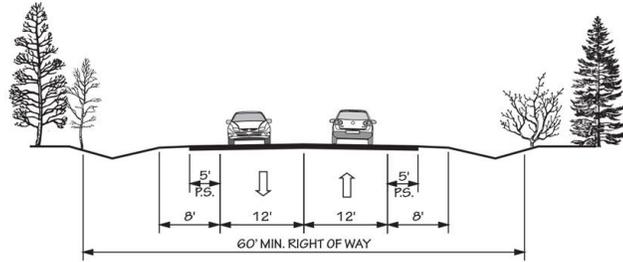
Deep Ford Road is rural with access to residential, business, and agriculture.

Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Other Information

Crash Analysis

Crash data analysis shows approximately 3 crashes along Deep Ford Rd. Crash data covered incidents from January 2015 to December 2019.

Bridge Analysis

One bridge along this facility was shown to be structurally deficient and functionally obsolete: Bridge 040478. Structurally deficient bridges are bridges that must be monitored, inspected, and replaced at the appropriate time. Functionally obsolete bridges are bridges that were built with different standards used today.

NC Hwy 88 West Highway Recommendation

From: Watauga County Line To: NC-194

Local ID: ASHE30024-H

Purpose: None

Improvement: None

Identified Need

Highway Recommendation

Recommendation

Highway Recommendation



	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	Major Thoroughfare 2-lane
Typical Section	02 A
Section Options	-
Length (miles)	18.88
Existing ROW (feet)	60-100
Safety Risk Score	33-78

Proposal Data: 2019 Base Year 2050 Future Year

Improved Route	2019 Base Year		2050 Future Year	
	Existing	Without Proposal	With Proposal	
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2	2
<i>Volume (vpd)</i>	550-4200	800-5600	800-5600	800-5600
<i>Capacity (vpd)</i>	15100	15100	15100	15100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2161
Facility will be Over Capacity (>=100%)	2184

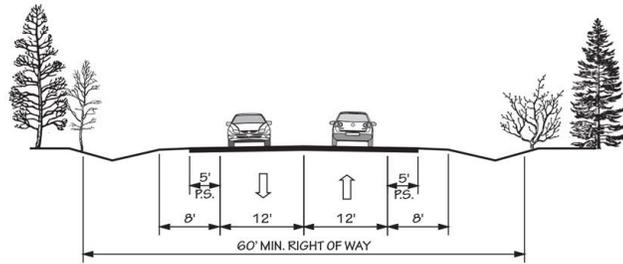


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project Overview

Project History

NC 88 is classified as Major Collector on the Federal Functional Classification System.

Linkage to Other Plans

This recommendation was included on the 2010 Ashe County CTP as Needs Improvement.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves mobility by modernizing this facility to provide easier travel.

Goals & Objectives Survey

Participant cited they are VERY unhappy with the speed limit on Hwy 88W between Smethport and Warrensville. Disagreement with the Chamber of Commerce's marketing of Hwy 88W as a motorcycle trail.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 151 Flood Hazard Area Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 1 Landslide Deposit Feature(s)
- 17 Major River Feature(s)
- 18 Natural Heritage Element Occurrence Feature(s)
- 1 Natural Heritage Natural Area Feature(s)

- 53 Wetland Feature(s)
- 83 River And Stream Feature(s)
- 1 Regional Trail Feature(s)
- 8 Quality Monitored River And Stream Feature(s)
- 2 Trout Stream Feature(s)

All available Title VI data in the database was considered. This Project is within 150 feet of:

- Between 25% and 50% identify as 65+
- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

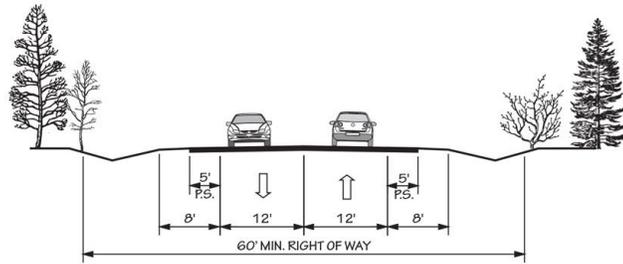
Relationship to Land Use

Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Linkage to Other Plans

This portion of NC 88 is rural with access to businesses, residential, and agriculture.

Other Information

Crash Analysis

Crash data analysis shows approximately 50 crashes along NC 88 . Crash data covered incidents from January 2015 to December 2019.

Bridge Analysis

Two bridges along this facility were shown to be structurally deficient and functionally obsolete: Bridges 040022 and 040028. Structurally deficient bridges are bridges that must be monitored, inspected and replaced at the appropriate time.

NC 88 and Mt. Jefferson Road (SR 1149) Connector

From: NC 88 To: Mount Jefferson Road (SR 1149)

Local ID: ASHE40024-H

Purpose: Mobility

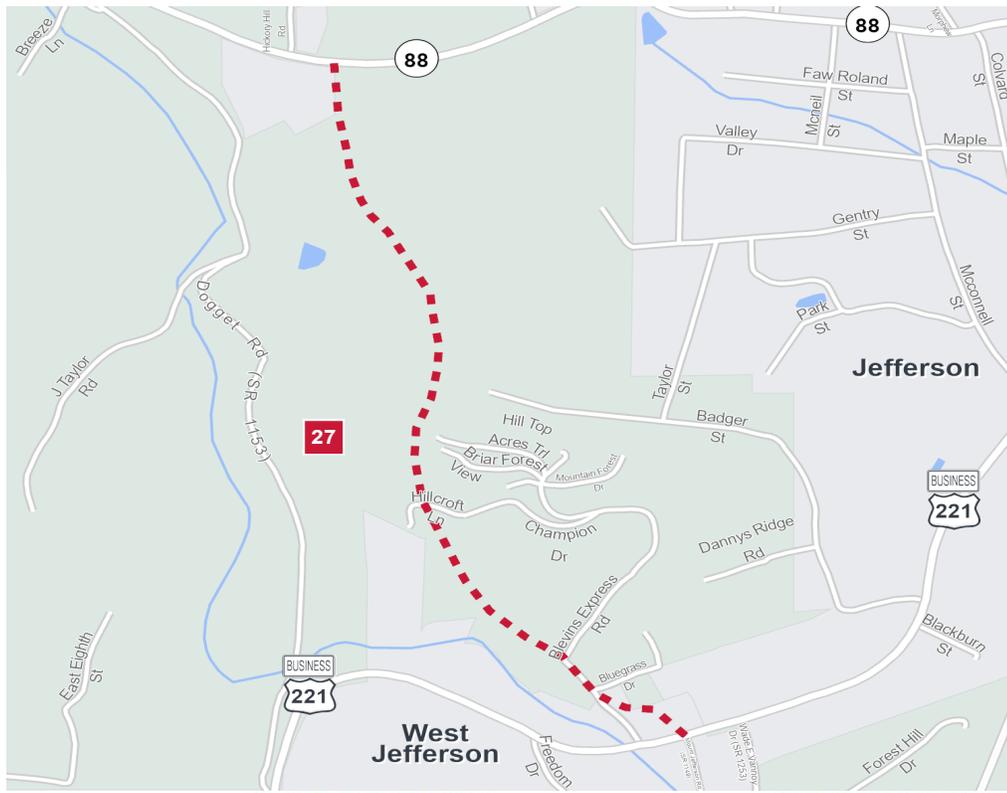
Improvement: New Location

Identified Need

Mobility

Recommendation

NC 88 and Mount Jefferson Road connector bypass



	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	Congestion & Mobility
Facility Type	-
Typical Section	02 A
Section Options	-
Length (miles)	0.81
Existing ROW (feet)	-
Safety Risk Score	-

Proposal Data: 2019 Base Year 2050 Future Year

	Existing	Without Proposal	With Proposal
New Location			
Facility Type	-	-	-
Travel Lanes	-	-	2
Volume (vpd)	-	-	-
Capacity (vpd)	-	-	-

Capacity Data: Year

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

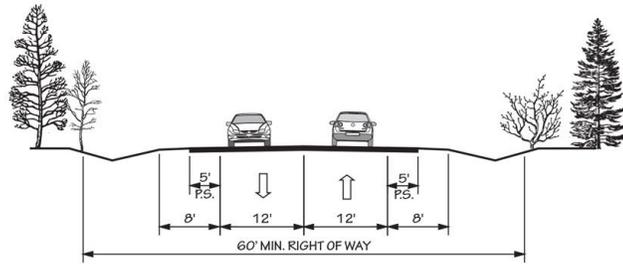


Typical Section Options:

None

TYPICAL SECTION No. 2A

2 LANE UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 55 MPH

Project Overview

Project History

This recommendation was included on the 2010 CTP, identified as a recommended new location.

Multi-modal Considerations

No multimodal considerations.

CTP Goal Analysis

Vision

The Vision of Ashe County's Comprehensive Transportation Plan is to promote and preserve its quality of life, natural resources, and economic vitality, including tourism and agriculture, in the county and all its municipalities.

Goals, & Objectives

This project improves congestion by providing a new route for truck traffic traveling South from 194 to bypass downtown West Jefferson for access to US 221.

Goals & Objectives Survey

bypass around West Jefferson and Jefferson for Hwy 88.

Potential Impacts

Natural & Human Environmental Context

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Flood Hazard Area Feature(s)
- 1 Impaired Waters Line Feature(s)
- 6 Landscape Habitat Indicator Guild Feature(s)
- 3 Natural Heritage Element Occurrence Feature(s)
- 1 Wetland Feature(s)
- 1 Regional Trail Feature(s)
- Between 0% and 25% identify as 65+
- Between 0% and 25% identify as African American

- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 20% and 50% identify as Households with No Car

Relationship to Land Use

US 221 Multiuse Path

From: South St To: Existing Multiuse Path

Proposal Length: 0.12 miles

Identified Need

Multimodal Connectivity

Recommendation

Multiuse Path Recommendation

Project Overview

[Project History](#)

[Linkage to Other Plans](#)

[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE00014-M

Classification: Multiuse Path

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

NC 88 Multiuse Path

From: NC 194 To: Dogget Road (SR 1153)

Proposal Length: 0.41 miles

Identified Need

Multimodal Connectivity

Recommendation

Multiuse Path Recommendation

Project Overview

[Project History](#)

[Linkage to Other Plans](#)

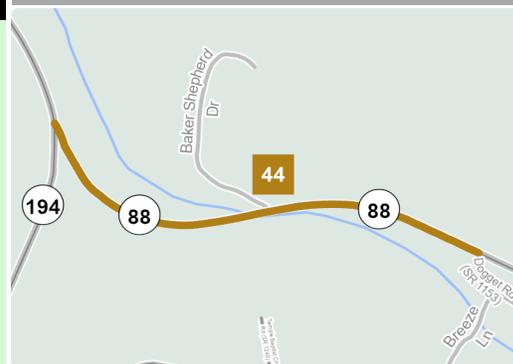
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE00015-M

Classification: Multiuse Path

Location: Within Right of Way



Existing Road Data

Facility Type:	Major Thoroughfare 2-lane
Travel Lanes:	2
Speed Limit (mph):	45
% Trucks:	7.31
ROW (ft):	60
2017 Volume(vpd):	5200
2045 Volume(vpd):	7000

LPCCA to E Street on road Multiuse Path Proposal

From: Es Street To: Piney Creek Road

Proposal Length: 0.13 miles

Identified Need

Safely connect the LPCCA to E Street

Recommendation

Per Lansing Moves plan. Connect E Street via 10' on road multiuse path to Lost Province Center for the Cultural Arts.

Project Overview

[Project History](#)

[Linkage to Other Plans](#)

[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE00016-M

Classification: Multiuse Path

Location: Within Right of Way



Existing Road Data

Facility Type:	Major Thoroughfare 2-lane
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	7.61
ROW (ft):	N/A
2017 Volume(vpd):	3100
2045 Volume(vpd):	4200

LPCCA to E Street Offroad Multiuse Path Proposal

From: E Street To: LPCCA

Proposal Length: 0.13 miles

Identified Need

Safely connect the American Legion Ballfield and the Lost Province Center for Cultural Arts with E Street.

Recommendation

Per Lansing Moves plan. Connect E Street via 10' offroad multiuse path to Lost Province Center for the Cultural Arts around the American Legion Baseball Field.

Project Overview

[Project History](#)

[Linkage to Other Plans](#)

[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE00017-M

Classification: Multiuse Path

Location: Outside of Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

American Legion Ballfield Alternate Multiuse Path

From: Multiuse path proposal To: around American Legion Ballfield

Proposal Length: 0.13 miles

Identified Need

Alternate multiuse path connection

Recommendation

Per Lansing Moves plan. Alternate 10' multiuse path option around American Legion Ballfield

Project Overview

[Project History](#)

[Linkage to Other Plans](#)

[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE00018-M

Classification: Multiuse Path

Location: Outside of Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Creeper Trail Park and E Street Access Multiuse Path

From: Creeper Trail Park To: E Street

Proposal Length: 0.08 miles

Identified Need

Provide safe access to Creeper Trail Park from E Street.

Recommendation

Per Lansing Moves Plan. Provide access from Creeper Trail Park to E Street via 10' Multiuse Path. Upgrade crossing to all way stop.

Project Overview

[Project History](#)

[Linkage to Other Plans](#)

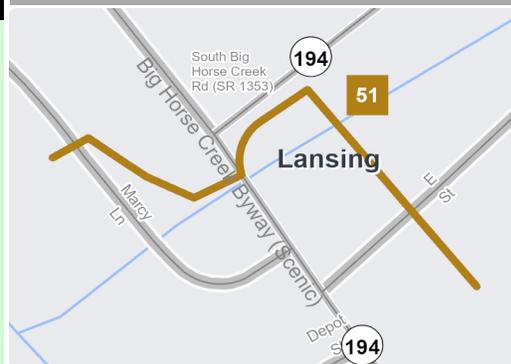
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE00019-M

Classification: Multiuse Path

Location: Outside of Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Depot St and Creeper Trail Park Multiuse Path

From: Creeper Trail Park To: Depot St

Proposal Length: 0.15 miles

Identified Need

Connect Lansing Creeper Trail Park to Fire Department

Recommendation

Per Lansing Moves plan. Connect Creeper Trail Park to Depot St. Alignment options A and B. 10' multiuse path from Creeper Trail Park to along Depot St.

Project Overview

[Project History](#)

[Linkage to Other Plans](#)

[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE00020-M

Classification: Multiuse Path

Location: Outside of Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Fire Department Multiuse Path

From: NC 194 To: Walking Path

Proposal Length: 0.05 miles

Identified Need

Provide safe access to walking trails.

Recommendation

Per Lansing Moves plan. Connect to walking trails via a multiuse path from NC 194 to behind the Lansing Fire Department.

Project Overview

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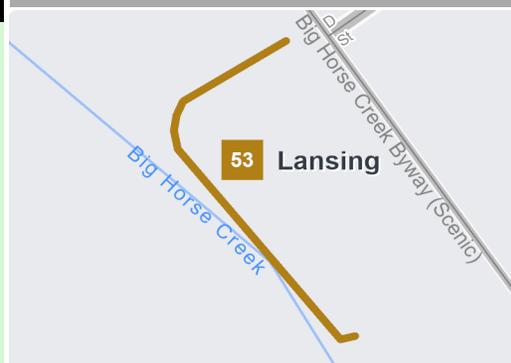
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE00021-M

Classification: Multiuse Path

Location: Outside of Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Neighborhood Multiuse Path Connector

From NC 194 To: A Street

Proposal Length: 0.05 miles

Identified Need

Connection for NC 194 to B Street.

Recommendation

Per Lansing Moves plan. Convert closed road to multiuse path connector to A Street.

Project Overview

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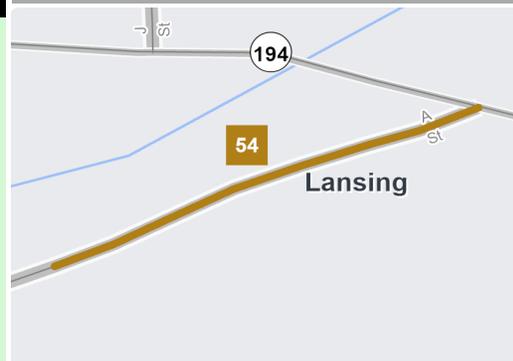
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE00022-M

Classification: Multiuse Path

Location: Outside of Right of Way



Existing Road Data	
Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

NC Hwy 16 South Multiuse Path Recommendation

From: NC-194 To: 750 Feet from NC-194

Proposal Length: 0.14 miles

Identified Need

This Local ID has no additional text associated with it.

Recommendation

This Local ID has no additional text associated with it.

Local ID: ASHE00029-M

Classification: Multiuse Path

Location: Within Right of Way



Existing Road Data	
Facility Type:	Major Thoroughfare Multi-lane
Travel Lanes:	4
Speed Limit (mph):	45
% Trucks:	N/A
ROW (ft):	250-350
2017 Volume(vpd):	8000
2045 Volume(vpd):	10700

US Hwy 221 Multiuse Path Recommendation

From: NC-194 To: NC-163

Proposal Length: 3.73 miles

Identified Need

Multimodal Connectivity

Recommendation

Multiuse Path Recommendation

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CTP Goal Analysis

Local ID: ASHE00030-M

Classification: Multiuse Path

Location: Within Right of Way



Existing Road Data

Facility Type:	Boulevard
Travel Lanes:	4
Speed Limit (mph):	55
% Trucks:	N/A
ROW (ft):	350
2017 Volume(vpd):	11000
2045 Volume(vpd):	16000

US 221 Multiuse Path Recommendation

From Watauga County To: NC 194

Proposal Length: 7.75 miles

Identified Need

Multimodal Connectivity

Recommendation

Multiuse Path Recommendation

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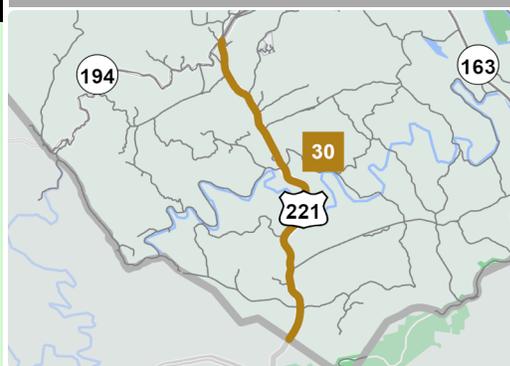
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE00031-M

Classification: Multiuse Path

Location: Within Right of Way



Existing Road Data

Facility Type:	Boulevard
Travel Lanes:	4
Speed Limit (mph):	55
% Trucks:	11.14
ROW (ft):	100-350
2017 Volume(vpd):	11000
2045 Volume(vpd):	16000

Todd Railroad Grade Rd Bicycle Recommendation

From: Railroad Grade Rd (SR 1106) To: NC 194

Proposal Length: 4.12 miles

Identified Need

Multimodal Connectivity

Recommendation

Multiuse Path Recommendation

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CTP Goal Analysis

Local ID: ASHE00032-M

Classification: Multiuse Path

Location: Within Right of Way



Existing Road Data

Facility Type:	Minor Thoroughfare
Travel Lanes:	2
Speed Limit (mph):	55
% Trucks:	N/A
ROW (ft):	30-60
2017 Volume(vpd):	500
2045 Volume(vpd):	600

US Hwy 221 Multiuse Path Recommendation

From: US 221 To: NC88

Proposal Length: 1.31 miles

Identified Need

Multimodal Connectivity

Recommendation

Multiuse Path Recommendation

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CTP Goal Analysis

Local ID: ASHE00038-M

Classification: Multiuse Path

Location: Within Right of Way



Existing Road Data

Facility Type:	Major Thoroughfare 2-lane
Travel Lanes:	2
Speed Limit (mph):	55
% Trucks:	7.68
ROW (ft):	60-100
2017 Volume(vpd):	9900
2045 Volume(vpd):	14400

US 221 BUS, East Main St Bicycle and Pedestrian Recommendation

From: Hospital Ave (SR 1664) To: US-221/NC-16

Proposal Length: 0.98 miles

Identified Need

Multimodal Connectivity

Recommendation

Added to busy shopping section

Project Overview

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CTP Goal Analysis

Local ID: ASHE20006-BP

Classification: Bicycle and Pedestrian

Location: Within Right of Way



Existing Road Data	
Facility Type:	Major Thoroughfare 2-lane
Travel Lanes:	4
Speed Limit (mph):	35
% Trucks:	6.14
ROW (ft):	60
2017 Volume(vpd):	16000
2045 Volume(vpd):	23200

US 221 BUS, E Second St Bicycle Recommendation

From: 0.2 miles north of Dogget Rd (SR 1153) To: US 221 BUS, NC 194, North Jefferson st

Proposal Length: 0.2 miles

Identified Need

Multimodal Connectivity

Recommendation

Road Diet - Three lane plus sidewalk and bikeways

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CTP Goal Analysis

Local ID: ASHE20040-BP

Classification: Bicycle and Pedestrian

Location: Within Right of Way



Existing Road Data	
Facility Type:	Major Thoroughfare 2-lane
Travel Lanes:	2
Speed Limit (mph):	25
% Trucks:	4.00
ROW (ft):	60-80
2017 Volume(vpd):	4300
2045 Volume(vpd):	6300

NC 194 Sidewalk Connector

From: NC-194 To: E Street

Proposal Length: 0.01 miles

Local ID: ASHE30001-P
 Classification: Pedestrian
 Location: Within Right of Way

Identified Need

Connect to existing network

Recommendation

Per Lansing Moves Plan. Five foot sidewalk along NC 194

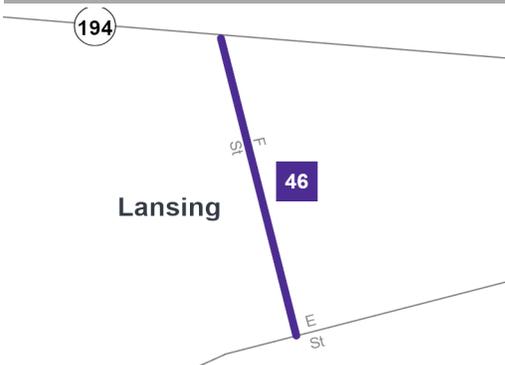
Project Overview

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CTP Goal Analysis



Existing Road Data	
Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

NC Hwy 88 West Bicycle and Pedestrian Recommendation

From: WM J B Blevins Dr. To: McConnell St

Proposal Length: 0.44 miles

Local ID: ASHE30007-BP
 Classification: Bicycle and Pedestrian
 Location: Within Right of Way

Identified Need

Multimodal Connectivity

Recommendation

Added to connect to future Ag Center

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CTP Goal Analysis



Existing Road Data	
Facility Type:	Major Thoroughfare 2-lane
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	7.19
ROW (ft):	60
2017 Volume(vpd):	5300
2045 Volume(vpd):	7100

North Main St Pedestrian Recommendation

From: 1200 Feet From US 221 BUS To: Ashe Park Rd (SR-1511)

Proposal Length: 0.65 miles

Identified Need

Multimodal Connectivity

Recommendation

Sidewalk Recommendation

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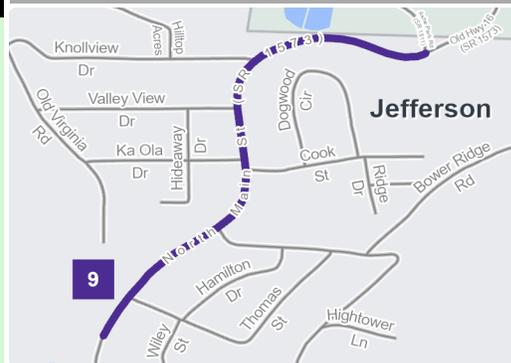
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE40008-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	Minor Thoroughfare
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	4000
2045 Volume(vpd):	5800

North Main St Bicycle and Pedestrian Recommendation

From: US 221 To: 275 Feet From US 221

Proposal Length: 0.24 miles

Identified Need

Multimodal Connectivity

Recommendation

Added to connect to future Ag Center

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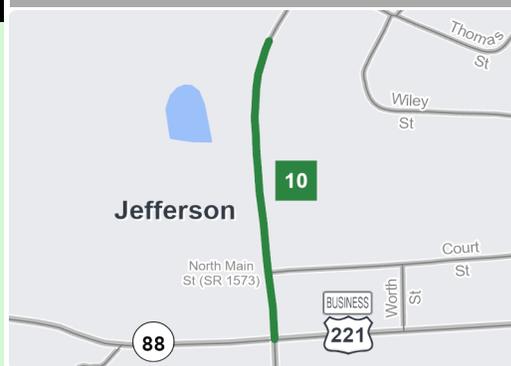
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE40009-BP

Classification: Bicycle and Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	Minor Thoroughfare
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	4000
2045 Volume(vpd):	5800

Hospital Ave Pedestrian Recommendation

From: US 221 To: Hospital Entrance

Proposal Length: 0.12 miles

Identified Need

Multimodal Connectivity

Recommendation

Sidewalk Recommendation

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CTP Goal Analysis

Local ID: ASHE40015-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	N/A
ROW (ft):	60
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Mount Jefferson Rd Bicycle Recommendation

From: US-221 To: US-221 BUS

Proposal Length: 0.44 miles

Identified Need

Multimodal Connectivity

Recommendation

Bicycle Recommendation

Project Overview

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CTP Goal Analysis

Local ID: ASHE40019-B

Classification: Bicycle

Location: Within Right of Way



Existing Road Data

Facility Type:	Minor Thoroughfare
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	N/A
ROW (ft):	70
2017 Volume(vpd):	5000
2045 Volume(vpd):	7300

Mount Jefferson Rd Pedestrian Recommendation

From: Ashe County High School Dr (SR-1283) To: Walmart

Proposal Length: 0.31 miles

Identified Need

Multimodal Connectivity

Recommendation

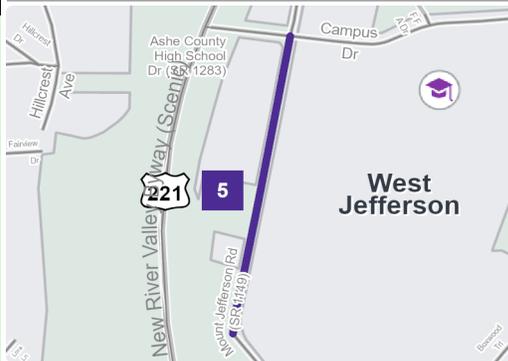
Sidewalk Recommendation

Project Overview

Local ID: ASHE40024-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	Minor Thoroughfare
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	N/A
ROW (ft):	60
2017 Volume(vpd):	7500
2045 Volume(vpd):	10900

East Buck Mountain Bicycle Lane

From: Ray Taylor Rd. To: US-221 BUS

Proposal Length: 0.9 miles

Identified Need

Multimodal Connection

Recommendation

East Buck Mountain Rd. Bicycle Lane Recommendation

Project Overview

Project History

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Multi-modal Considerations

CTP Goal Analysis

Local ID: ASHE40026-B

Classification: Bicycle

Location: Within Right of Way



Existing Road Data

Facility Type:	Minor Thoroughfare
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	N/A
ROW (ft):	60
2017 Volume(vpd):	1700
2045 Volume(vpd):	2500

Ray Taylor Road Bicycle Lane

From: Beaver Creek School Rd. To: East Buck Mountain Rd.

Proposal Length: 0.86 miles

Identified Need

Multimodal Connection

Recommendation

Ray Rd. Bicycle Lane Recommendation

Project Overview

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CTP Goal Analysis

Local ID: ASHE40027-B

Classification: Bicycle

Location: Within Right of Way



Existing Road Data

Facility Type:	Minor Thoroughfare
Travel Lanes:	2
Speed Limit (mph):	55
% Trucks:	N/A
ROW (ft):	80
2017 Volume(vpd):	7500
2045 Volume(vpd):	10900

Beaver Creek School Rd Pedestrian Recommendation

From: US-221 BUS To: Ray Taylor Rd. (SR-1133)

Proposal Length: 0.59 miles

Identified Need

Multimodal Connectivity

Recommendation

Road Diet - Three lane plus sidewalk and bikeways

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Multi-modal Considerations

CTP Goal Analysis

Local ID: ASHE40027-P

Classification: Bicycle and Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	Minor Thoroughfare
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	N/A
ROW (ft):	60
2017 Volume(vpd):	7500
2045 Volume(vpd):	10900

Dogget Rd Bicycle Recommendation

From: NC 88 To: US 221 BUS

Proposal Length: 0.96 miles

Identified Need

Multimodal Connectivity

Recommendation

Bicycle Recommendation

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CTP Goal Analysis

Local ID: ASHE40035-B

Classification: Bicycle

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	1200
2045 Volume(vpd):	N/A

Friendship Baptist Church Rd Bicycle Recommendation

From: US 221, NC 16 To: Family Central Enterprise Corporation

Proposal Length: 1.47 miles

Identified Need

Multimodal Connectivity

Recommendation

Bicycle Recommendation

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CTP Goal Analysis

Local ID: ASHE40041-B

Classification: Bicycle

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	800
2045 Volume(vpd):	N/A

Mount Jefferson Road (SR-1149) Bike Lane Recommendation

From: Mount Jefferson Rd (SR 1149) To: Mt. Jefferson State Park Rd

Proposal Length: 0.49 miles

Identified Need

Multimodal Connectivity

Recommendation

Bicycle Recommendation

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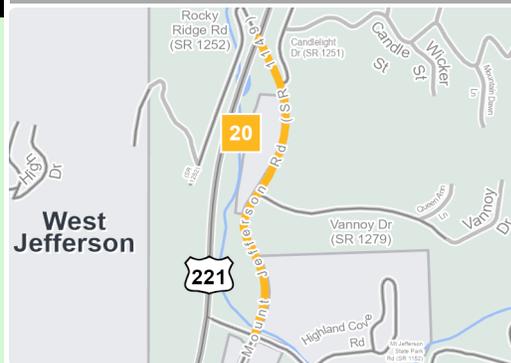
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE40042-B

Classification: Bicycle

Location: Within Right of Way



Existing Road Data

Facility Type:	Minor Thoroughfare
Travel Lanes:	2
Speed Limit (mph):	35
% Trucks:	N/A
ROW (ft):	60
2017 Volume(vpd):	3900
2045 Volume(vpd):	5700

E Main, N. Sixth Ave Bicycle Recommendation

From: East Main/ US 221 BUS To: US 221 BUS

Proposal Length: 0.27 miles

Identified Need

Multimodal Connectivity

Recommendation

Bicycle Recommendation

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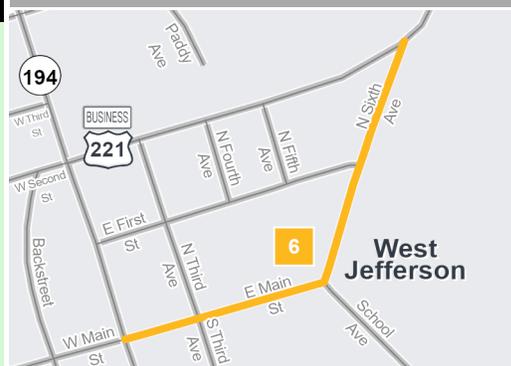
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE50005-B

Classification: Bicycle

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Lansing E Street Bike Lane

From: NC 194 To: NC 194

Proposal Length: 0.18 miles

Identified Need

To help establish a network and connect major destinations within Lansing.

Recommendation

Per Lansing Moves Plan - Oneway East bound shared street. Widen roadway to 14 feet, convert to oneway Eastbound traffic, shared street signing and treatments.

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CTP Goal Analysis

Local ID: ASHE50006-B

Classification: Bicycle

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

McConnell St Pedestrian Recommendation

From: NC 88 To: US 221 BUS

Proposal Length: 0.4 miles

Identified Need

Multimodal Connectivity

Recommendation

Sidewalk Recommendation

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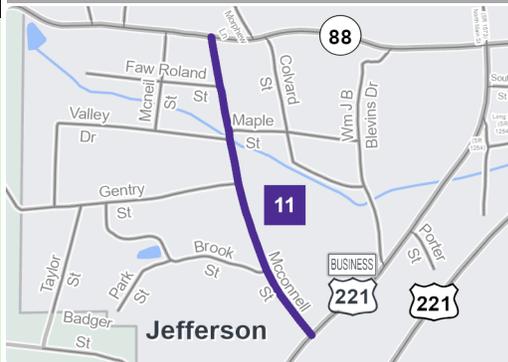
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE50010-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	2
Speed Limit (mph):	25
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Martin St Pedestrian Recommendation

From: North Main St To: Martin St.

Proposal Length: 0.82 miles

Identified Need

Multimodal Connectivity

Recommendation

Sidewalk Recommendation

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CTP Goal Analysis

Local ID: ASHE50011-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Ashe St Pedestrian Recommendation

From: US 221 BUS To: Martin St.

Proposal Length: 0.24 miles

Identified Need

Multimodal Connectivity

Recommendation

Sidewalk Recommendation

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CTP Goal Analysis

Local ID: ASHE50012-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Northwest Dr Bicycle and Pedestrian Recommendation

From: NC 88 To: DEAD-END

Proposal Length: 0.45 miles

Identified Need

Multimodal Connectivity

Recommendation

Added to connect to future Ag Center

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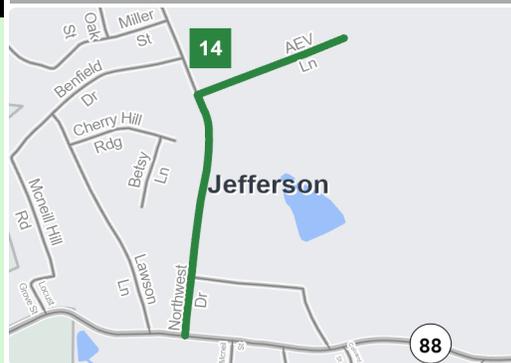
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE50013-BP

Classification: Bicycle and Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Government Cir Pedestrian Recommendation

From: US-221 To: US-221

Proposal Length: 0.36 miles

Identified Need

Multimodal Connectivity

Recommendation

Sidewalk Recommendation

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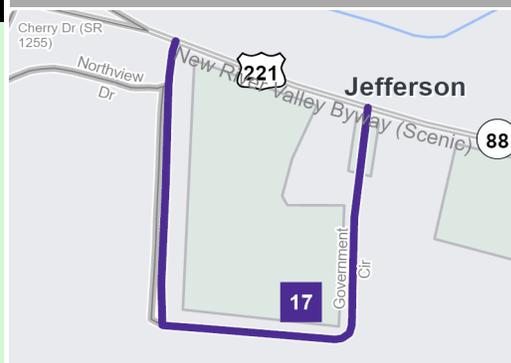
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE50016-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Badger St Pedestrian Recommendation

From: US-221 BUS To: 600 Feet From Taylor St

Proposal Length: 0.25 miles

Identified Need

Multimodal Connectivity

Recommendation

Sidewalk Recommendation

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CTP Goal Analysis

Local ID: ASHE50017-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

W Second St Pedestrian Recommendation

From: US-221 BUS To: College Ave

Proposal Length: 0.13 miles

Identified Need

Multimodal Connectivity

Recommendation

Sidewalk Recommendation

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CTP Goal Analysis

Local ID: ASHE50022-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

W. Main St, S. Church Ave, & Park Rd Pedestrian Recommendation

From: US-221 BUS To: Library Dr.

Proposal Length: 0.5 miles

Identified Need

Multimodal Connectivity

Recommendation

Sidewalk Recommendation

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CTP Goal Analysis

Local ID: ASHE50023-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	N/A
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A

Campus Dr. Sidewalk Proposal

From: Mount Jefferson Road To: Ashe County High School

Proposal Length: 0.26 miles

Identified Need

Provide safety for high school students to walk to Walmart

Recommendation

Campus Dr sidewalk to connect to Mount Jefferson Road

Project Overview

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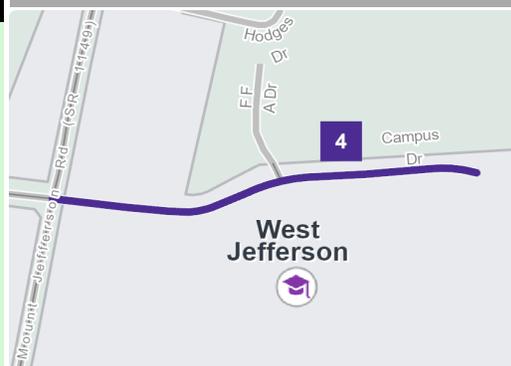
[Multi-modal Considerations](#)

CTP Goal Analysis

Local ID: ASHE50024-P

Classification: Pedestrian

Location: Within Right of Way



Existing Road Data

Facility Type:	N/A
Travel Lanes:	2
Speed Limit (mph):	N/A
% Trucks:	N/A
ROW (ft):	N/A
2017 Volume(vpd):	N/A
2045 Volume(vpd):	N/A