

Ashe County Comprehensive Transportation Plan (CTP) Update Overview

Steering Committee

A Steering Committee in collaboration with Ashe County was formed in March of 2022 to assist the North Carolina Department of Transportation (NCDOT) staff and High Country Rural Planning Organization (RPO) staff in the development of the Ashe County Comprehensive Transportation Plan (CTP) Update. The Steering Committee included representatives from Ashe County, Town of West Jefferson, Town of Jefferson, Town of Lansing, and a host of other stakeholders.

Methodology

A Comprehensive Transportation Plan (CTP) is a “needs-based” multi-modal plan developed to ensure that a progressively developed transportation system will meet the needs of the region for the planning period (2050).

For the development of the Ashe County CTP, travel demand was projected from year 2019 to 2050. Local plans as well as growth data endorsed by Ashe County and the Town of Burnsville were used to develop future growth rates and patterns.

The future growth rates are based on a projected population of over 41,000 and projected employment of 17,500 by the year 2050. Population and housing trends were estimated to keep pace with North Carolina's overall annual growth rate (AGR) using available data from the Office of State Budget and Management (OSBM) and United States Census. The AGR for Ashe County was applied proportionately to both primary and secondary roadway traffic volumes to produce future traffic volumes. Projected AGR application to future roadways were approved by the Steering Committee.

Roadway System Analysis

Existing and future travel demand or traffic volume were compared to roadway capacities. Capacity deficiencies occur when the traffic volume of a roadway exceeds the roadway's capacity. The relationship of travel demand compared to the roadway capacity determines the level of service (LOS) of a roadway.

LOS D indicates “practical capacity” of a roadway, or the capacity at which the public begins to experience delay. Recommended improvements and overall design of the CTP were based upon achieving a minimum LOS D on existing and new roadway facilities.

Consideration of Natural and Human Environment

Development of recommendations and considerations included in the CTP include the following: *Colleges and Universities, Federal Land Ownership, High Quality Water and Outstanding Resource Water Management Zones, Hospital Locations, National Wetlands Inventory, Recreation Projects, Schools, Trout Streams and Water Supply Watersheds.*

Attached are the recommendations and maps for highway, bicycle, pedestrian, and public transportation improvements contained in the Ashe CTP. To website: [Click here](#)



CTP Multimodal Analysis Process

Highway Analysis (Roadways)

1. Collect Historic Traffic data
2. Gather Population, housing trends data
3. Establish future Traffic Projections
4. Conduct Volume(AADT) over roadway capacity analysis
5. Consider previous plans and proposals
6. **Document potential highway proposals serving the following processes;**
 - The STIP process(SPOT),
 - Safety
 - Routes/signage(serving awareness)
 - Paved shoulder(serving pave shoulder program), and
 - Other Community interests (outside the CTP scope)
 - Unaddressed deficiencies

Non-Highway Analysis (Bicycle, Pedestrian, and Transit)

1. ID study area destinations
2. Overlay Balanced Demand/Activity Gradient
3. Create Walk sheds
4. Add in Transportation Network
5. Evaluate system Gaps and Network analysis
6. Consider previous plans and proposals
7. **Document potential bike/ped/trans proposals serving the following processes:**
 - The STIP process(SPOT),
 - Safety
 - Routes/signage(serving awareness)
 - Paved shoulder(serving pave shoulder program), and
 - Other Community interests (outside the CTP scope)
 - Unaddressed deficiencies

In the Comprehensive Transportation Planning process, a reasonableness criteria is used to evaluate each project proposal and how it can be appropriately addressed within NCDOT. Project proposals are received from previous plans, a CTP updated analysis, local planning partner consultations, DOT division consultations, and our internal Transportation Planning Division review to determine if a proposals is a:

- **CTP Recommendations** –submitted as mapped proposals and recommendations in the CTP
- **Other Community interests** – Community concerns outside the scope of a CTP to be addressed appropriately.
- **Unaddressed deficiencies** – are roadway deficiencies that may have natural or human environmental constraints where a project proposal would likely have adverse effects.

State Local Policies and Plans considered:

- Previous 2010 Comprehensive Transportation Plan
- Ashe County Comprehensive Plan
- Lansing Moves Plan
- Northern Peaks Trail Plan & Great State Trails Plan
- North Carolina Complete Streets
- North Carolina Moves 2050 Plan
- Multimodal Statewide Freight Plan

Ashe CTP Update Recommendations Public Input Comments

- “US 221 – Ashe Memorial to Hwy 16: this has been a project that was in our previous plan and had been submitted for prioritization in the past but never quite made the cut. As far as I can tell, it never made it into the STIP. It had a SPOT ID, H190487. I don’t see this project in the recommendations. Is this a project we can add? The major conflict on this stretch of road is in front of our office and Food Lion. Then middle lanes tend to act as turn lanes and often back up traffic in both directions. There are also parking lot driveways that are offset and create conflicts with drivers turning onto 221. If not the whole stretch of highway, can we include a section of 221 for modernization (turn lanes, traffic light)?”

According to NCDOT analysis of this road segment, no recommendation for this section of road is included in the CTP Update due to the satisfactory projected daily traffic capacity to 2050, the current successful traffic operation transition from a 4 lane divided to 4 lane undivided and then to a 2 lane roadway approaching (NC 16 and NC 88), the facilitation of cars able to pass slower heavy vehicles in the section, and the considering of tight roadway constraints, relocation of utilities, impacts to businesses and shared parking along this short commercial section. Finally, the likelihood of future interactions between heavy trucks, walkers, and cyclists (which usually means severe injury and fatalities). This section can be documented in the CTP as an unaddressed deficiency and/or community interests.
- “Pedestrian and Bike Icons: does this reflect that a pedestrian and bike improvement are recommended? But not a specific type? For instance, could be a bike lane or wider shoulder, but conditions on the road will dictate? Same with pedestrian, could be a sidewalk on one side.”

Bicycle and pedestrian icons reflect that there is a bicycle and pedestrian recommendation associated with a highway recommendation.
- “NC Hwy 163 – this project is almost 9 miles long. For prioritization, is this a project we could divide into sections to improve its score and possibility of funding?”

Yes. NCDOT and the High Country RPO can evaluate for submittal of the best scoring section for funding consideration.
- “Recommendation 16 – the text implies that this project goes all the way into Jefferson, but the map makes it look a little different, like it ends at the town limits.”

The recommendation is to modernize Old Highway 16 from North Main Street to Deep Ford Road. The recommendation stops at the North Main Street and Ashe Park Road intersection and therefore appears to end at town limits on the map. The proposal ends because the roadway speed is lower with low volumes at the town limits. When this occurs, no other roadway recommendation is identified unless there is a desired change in typical roadway section (which there is not).
- “We support road diet concepts to calm traffic and add safe multi-modal facilities. Separate facilities for bike/ped preferred whenever possible! Ashe County needs more greenways for health, recreation, and tourism. Please support connectivity to local parks and projects. Add more sidewalks!”

Comment in support of multi-modal facilities and greenways.
- “Recommend a warning sign or flashing light at the intersection of Mount Jefferson Rd. and 163 – the side of Mt. Jefferson as approaching 163. Road is curvy and downhill...easy to t-bone vehicles on 163”.

[Comment has been sent to NCDOT Division 11 for evaluation and can also be documented in the CTP as a community interest.](#)

- “In support of items 1-3 on Highway recommendations. In support of items 1,2,3,4,5,7,41 on Bike/Ped Recommendations. I would love to see more pedestrian connectivity between west Jefferson and Jefferson, and also planning to connect to NPST.”
[Comment in support of CTP Update recommendations and pedestrian connectivity.](#)
- “I think the proposed bypass (# 25 on Highway Recommendations) should be made a primary item. Currently dump trucks from a local quarry and other large trucks must come right through downtown West Jefferson creating heavy congestion and potential damage to Jefferson Ave. and pedestrians.”
[Comment in support of NC 88 and Mt. Jefferson Road connector to alleviate truck traffic through town.](#)
- “I would like to see Little Horse Creek starting at the bridge at Joe Hampton and going to the Old White Oak School being added to the Ashe County Comp list as this is the worst road in Ashe County, thanks ...”.
[This section can be documented in the CTP as Other community interests.](#)



CTP Steering Committee

LEAD PLANNING AGENCY

David Graham, High Country Rural Planning Organization

NCDOT Transportation Planning Division

James H. Upchurch, NCDOT Transportation Planning Division

Evan O'Keefe, NCDOT Transportation Planning Division

MEMBERS

Wesley Barker, Ashe County Arts Council, Ashe County

Kim Barnes, Partnership for Children,

Cathy Barr, Economic Development,

Travis Birdsell, Cooperative Extension Director, ITRE

Jim Blevins, Alderman, Town of Lansing

Alan Briggs, AARP

Patricia Calloway, Generations Ashe

Eisa Cox, Superintendent Ashe County Schools

Patty Gambill, Emergency Management

Jen Greene, (AppHealth Care Rep)

Kitty Honeycutt, Director, Ashe Chamber of Commerce

Chuck Olive, Commissioner, Ashe County

Michelle Pelayo, Cooperative Extension

Mack Powers, Mayor, Town of Lansing

Brantley Price, Manager, Town Of West Jefferson

Amanda Roten, Director, Ashe County Transit Authority

Charity Shatley, Manager, Town of Jefferson

Joe Shimel, New River State Park & Mount Jefferson State Natural Area

Adam Stumb, County Manager, Ashe County

Matthew Levi, Director of Planning, Ashe County

Steve Trinkle, Blue Ridge Conservatory and cycling enthusiast

Stephen Wright, Lead for North Carolina Fellow, Ashe County

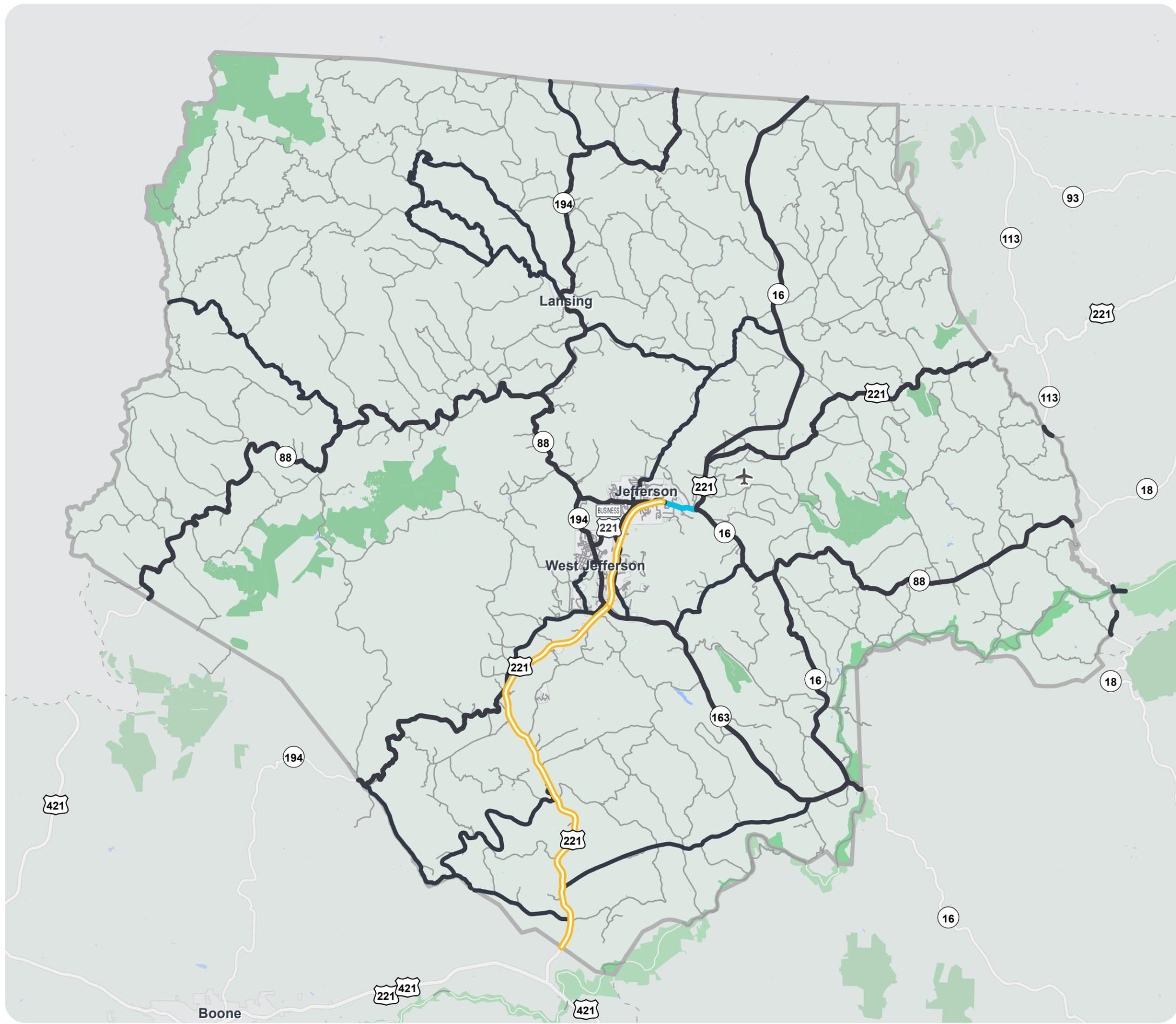
Sean Sizemore, NCDOT Division 11

Dean Ledbetter, NCDOT Division 11

Alexius Farris, NCDOT Integrated Mobility Division

CTP Adoption Schedule

- Ashe County – May 15
- High Country RPO – May 17
- Town of Jefferson – May 22
- Town of West Jefferson - June 5
- Town of Lansing – June 13



FACILITY TYPES

Facility classifications for mobility and control of access planning through 2050



ASHE COUNTY

Comprehensive Transportation Plan

Facility Types and Control of Access
(Listed in Order of Mobility Function)

	Projected	New Location
Freeway		
Expressway (Multilane Divided)		
Boulevard (Multilane Divided)		
Major Thoroughfare (Multilane Undivided)		
Major Thoroughfare (2 Lane)		
Minor Thoroughfare		

- Other Features
- Studied Roads
 - MPO Boundary
 - High Country RPO



Full report at:
<https://connect.ncdot.gov/AsheCountyCTPUpdate>

Sheet 1 of 4

Base map date: January 10, 2022

Legal Disclaimer

These concepts will need additional analysis to meet state and federal environmental regulations, to determine final locations and designs, and to be funded for implementation. Local zoning or subdivision ordinances may require the dedication of right of way based on the concepts shown on the Comprehensive Transportation Plan and local collector street plans, based on N.C.G.S. § 136-66.2 and § 136-66.10.

DRAFT
 Plan Date: May 03, 2023

HIGHWAY RECOMMENDATIONS

Proposals that address identified needs through 2050



ASHE COUNTY

Comprehensive Transportation Plan

Highway Features

	Proposal ID #	Improve	New Location
Congestion / Mobility (e.g., add lanes)	#		
Access Management / Operations (e.g., add median)	#		
Modernization (e.g., widen lanes, add turn lanes)	#		
Other (e.g., safety, economic development)	#		
Interchange	#		
Bridge / Overpass	#		
Intersection	#		

Other Features

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 0 0.75 1.5 3 4.5 6 Miles

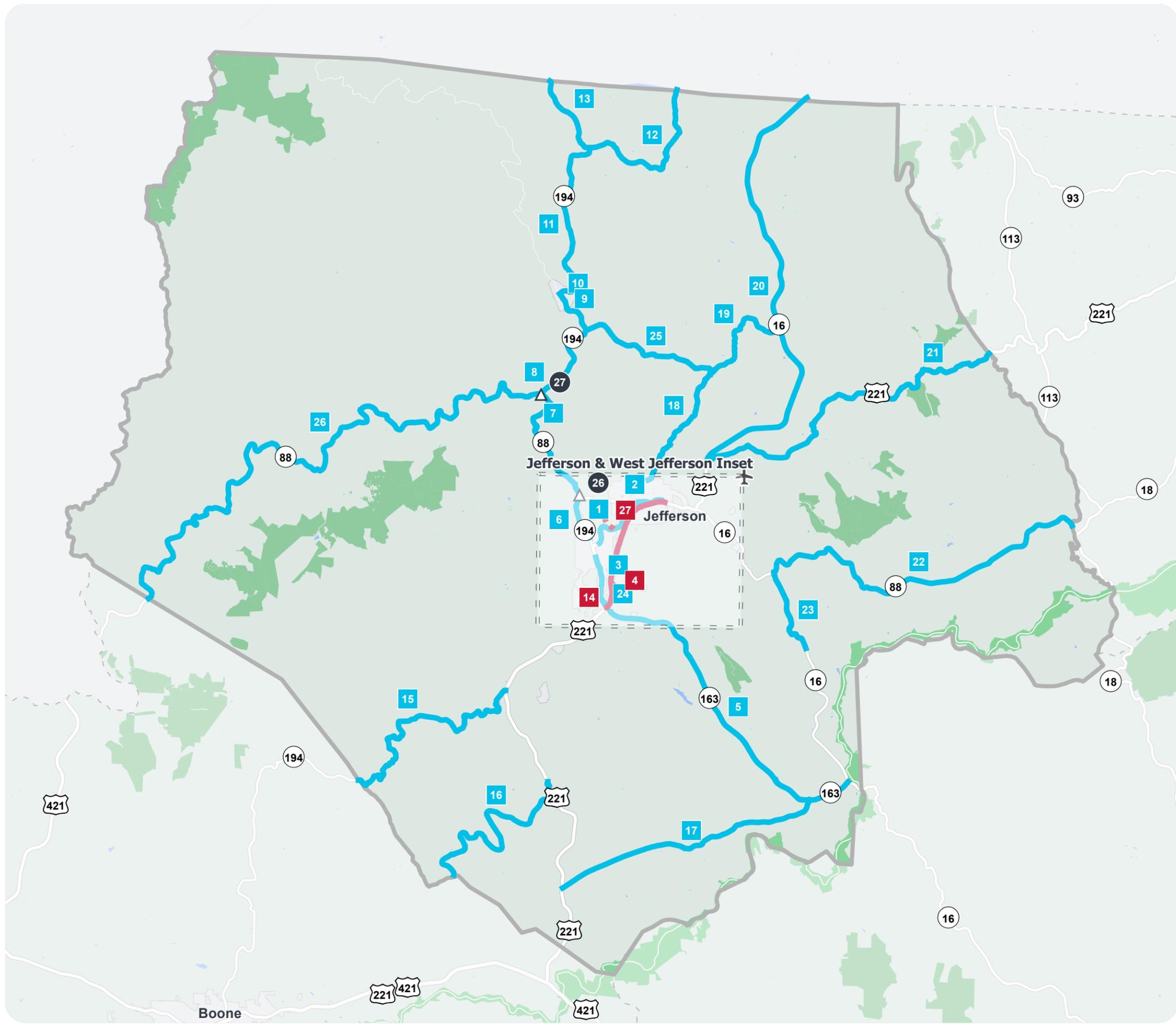
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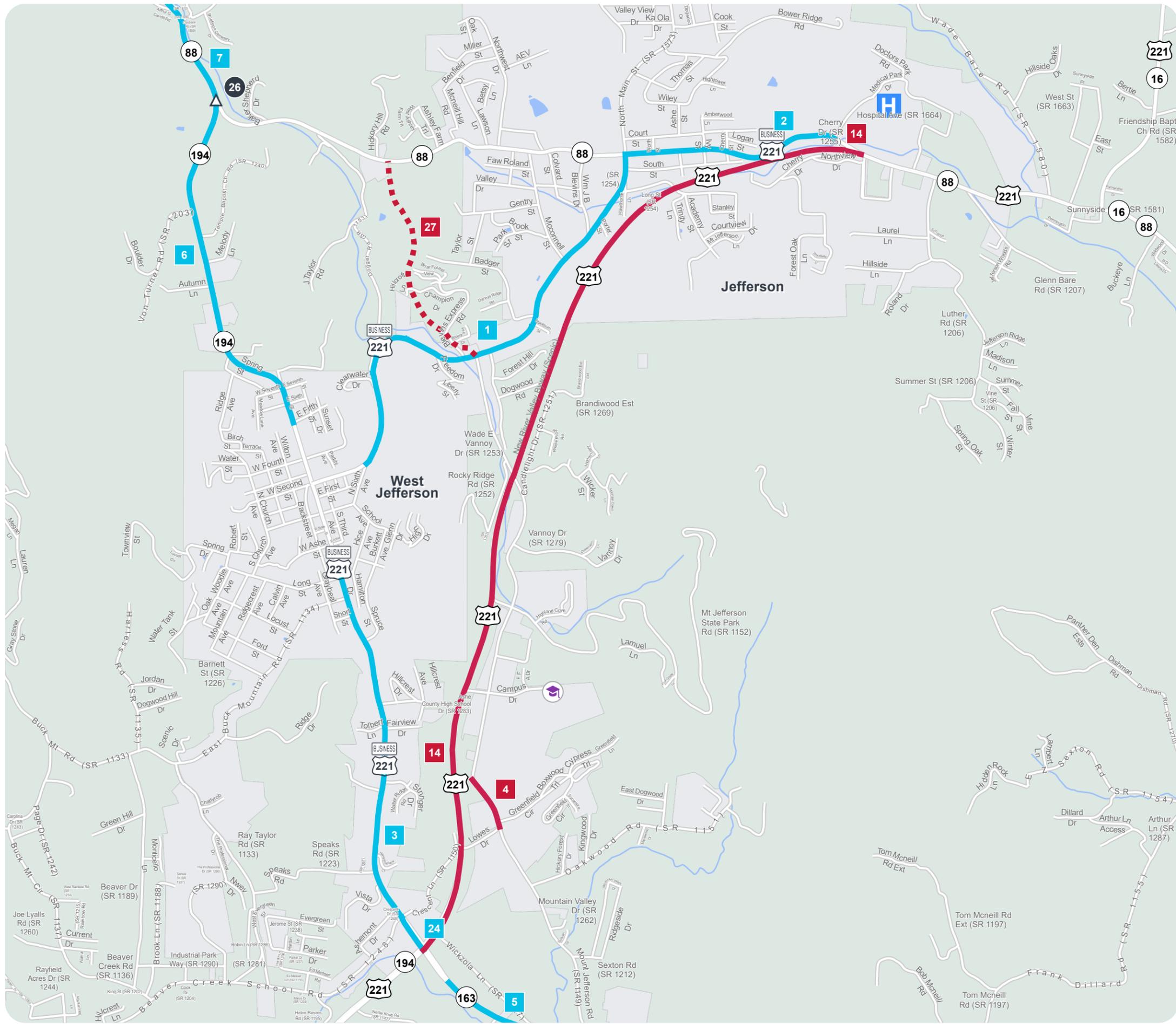


HIGHWAY RECOMMENDATIONS

Proposals that address identified needs through 2050



ASHE COUNTY JEFFERSON & WEST JEFFERSON Comprehensive Transportation Plan Highway Features



Proposal ID #	Improve	New Location
Congestion / Mobility (e.g., add lanes)	#	—
Access Management / Operations (e.g., add median)	#	—
Modernization (e.g., widen lanes, add turn lanes)	#	—
Other (e.g., safety, economic development)	#	—
Interchange	#	□
Bridge / Overpass	#	○
Intersection	#	△

Other Features

- Studied Roads
- MPO Boundary
- High Country RPO

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0 0.1 0.2 0.4 0.6 0.8 Miles

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INSET B
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 Plan Date: May 03, 2023

ASHE COUNTY COMPREHENSIVE TRANSPORTATION PLAN
May 2023

Highway Recommendations

Highway Class:	Congestion	Access Management	Modernization	Other (Safety, etc.)	Bridge/Intersection						
Map ID	Local ID	Improvement Type	Recommendation Name	Limits	Length in Miles	Modes	Description	Identified Need			
1	ASHE20001-H	Modernization	US 221 BUS, NC 88, South Main St Highway Recommendation	From: N Sixth Ave To: US 221 Bus/S Main st (Yamaha)	1.72	H,B,P	Replace with Road Diet (3 lanes with bicycle and pedestrian facilities)	Highway Recommendation			
2	ASHE20002-H	Modernization	US 221 BUS, S Main St Highway Recommendation	From: US221 Bus/S Main st (Yamaha) To: Hospital Ave (SR-1664)	0.76	H,B	Replace with Road Diet (3 lanes with bicycle and pedestrian facilities)	Highway Recommendation			
3	ASHE20003-H	Modernization	US 221 BUS, NC Hwy 194 Highway Recommendation	From: Hamilton St To: Beaver Creek School Rd (SR 1248)	1.27	H,B,P	Replace with Road Diet (3 lanes with bicycle and pedestrian facilities)	Highway Recommendation			
4	ASHE40004-H	Congestion	Mount Jefferson Rd Highway Recommendation	From: Walmart To: Lowes Dr	0.19	H,P	Widen to three-lanes	Congestion			
5	ASHE30005-H	Modernization	NC Hwy 163 Highway Recommendation	From: 750 Feet From US-221 To: NC-16	8.95	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
6	ASHE30006-H	Modernization	NC Hwy 194 Highway Recommendation	From: E 5th St To: NC 88	1.28	H	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
7	ASHE30007-H	Modernization	NC Hwy 194 Highway Recommendation	From: NC 88/NC 194 in Warrentonville To: NC 88/NC 194	3.77	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
8	ASHE30008-H	Modernization	NC Hwy 194 Highway Recommendation	From: NC 88/NC 194 in Warrentonville To: Patton Rd (1380) in Lansing	3.26	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
9	ASHE30011-H	Modernization	NC Hwy 194 Highway Recommendation	From: Patton Rd (SR 1380) To: A St	0.25	B	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
10	ASHE30012-H	Modernization	NC Hwy 194 Highway Recommendation	From: A St To: South Big Horse Creek Rd (SR-1353)	0.21	B,P	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
11	ASHE30009-H	Modernization	NC Hwy 194 Highway Recommendation	From: South Big Horse Creek Rd (SR 1353) To: Helton Creek Rd (SR-1370)	4.82	H,M,P	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
12	ASHE30010-H	Modernization	NC Hwy 194 Highway Recommendation	From: Old Helton School Rd (SR-1669) To: Virginia State Line	4.55	H	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
13	ASHE40011-H	Modernization	Helton Creek Rd Highway Recommendation	From: NC 194 To: Virginia State Line	2.26	H	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
14	R-2915	Congestion	US Hwy 221 Highway Recommendation	From: East Main St (US 221 BUS) To: S Jefferson Ave (US 221 BUS)	3.56	H	Widen to four lanes, divided	Congestion			
15	ASHE30013-H	Modernization	NC Hwy 194 Highway Recommendation	From: Watauga County To: US-221	7.21	H,B	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
16	ASHE40014-H	Modernization	Railroad Grade Rd Highway Recommendation	From: Cranberry Springs Rd (SR-1100) To: US-221	7.02	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
17	ASHE40015-H	Modernization	Idlewild Rd Highway Recommendation	From: NC 163 To: US 221	7.27	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
18	ASHE40016-H	Modernization	Old Highway 16 Highway Recommendation	From: North Main St (SR-1573) To: Deep Ford Rd (SR-1501)	3.45	H	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
19	ASHE40017-H	Modernization	Old Hwy 16 Highway Recommendation	From: Deep Ford Rd (SR 1501) To: NC-16	3.13	H	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
20	ASHE30018-H	Modernization	NC Hwy 16 North Highway Recommendation	From: US 221 To: Virginia State Line	12.21	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
21	ASHE20019-H	Modernization	US Hwy 221 North Highway Recommendation	From: US 221/NC-16 To: Alleghany County Line	9.72	H	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
22	ASHE30020-H	Modernization	NC Hwy 88 East Highway Recommendation	From: NC 16 To: Alleghany County	9.87	H	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
23	ASHE30021-H	Modernization	NC Hwy 16 South Highway Recommendation	From: River Front Dr. (SR-1158) To: NC-88	2.37	H	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
24	ASHE20022-H	Modernization	S. Jefferson Ave (US 221 BUS) Recommendation	From: US-221 To: Beaver Creek School Road	0.14	H,B,P	Improve roadway/turns near Beaver Creek School Road	Highway Recommendation			
25	ASHE40023-H	Modernization	Deep Ford Rd Highway Recommendation	From: Old Hwy 16 (SR 1573) To: NC 194	3.93	H	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation			
26	ASHE30024-H	Modernization	NC Hwy 88 West Highway Recommendation	From: Watauga County Line To: NC-194	18.88	H	Highway Recommendation	Highway Recommendation			
27	ASHE40024-H	Congestion	NC 88 and Mt. Jefferson Road (SR 1149) Connector	From: NC 88 To: Mount Jefferson Road (SR 1149)	0.81		NC 88 and Mount Jefferson Road connector bypass	Mobility			

BICYCLE / PEDESTRIAN RECOMMENDATIONS

Proposals that address identified needs through 2050



ASHE COUNTY

Comprehensive Transportation Plan

Bicycle and Pedestrian Features

	Proposal ID #	Existing	Proposed
Bicycle	#		
Pedestrian	#		
Bicycle and Pedestrian	#		
Multiseuse Path	#		
Bicycle and Pedestrian Bridge	#		
Denotes Highway Incidental	★		

Other Features

	Studied Roads
	MPO Boundary
	High Country RPO



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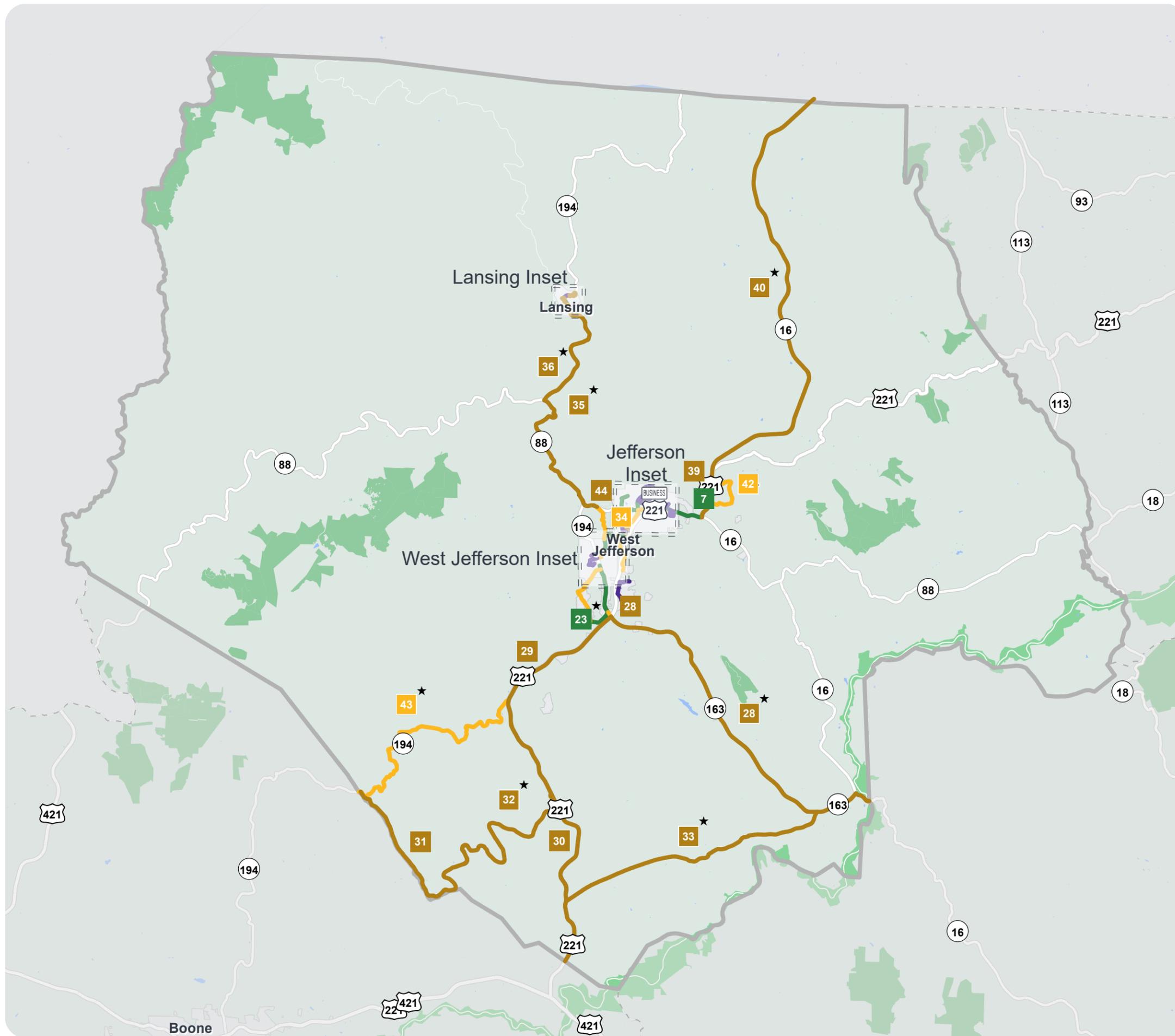
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 Plan Date: May 03, 2023



BICYCLE / PEDESTRIAN RECOMMENDATIONS

Proposals that address identified needs through 2050



ASHE COUNTY Jefferson and West Jefferson Overview Comprehensive Transportation Plan Bicycle and Pedestrian Features

	Proposal ID #	Existing	Proposed
Bicycle	#		
Pedestrian	#		
Bicycle and Pedestrian	#		
Multiuse Path	#		
Bicycle and Pedestrian Bridge	#		
Denotes Highway Incidental	★		

Other Features

- Studied Roads
- MPO Boundary
- High Country RPO



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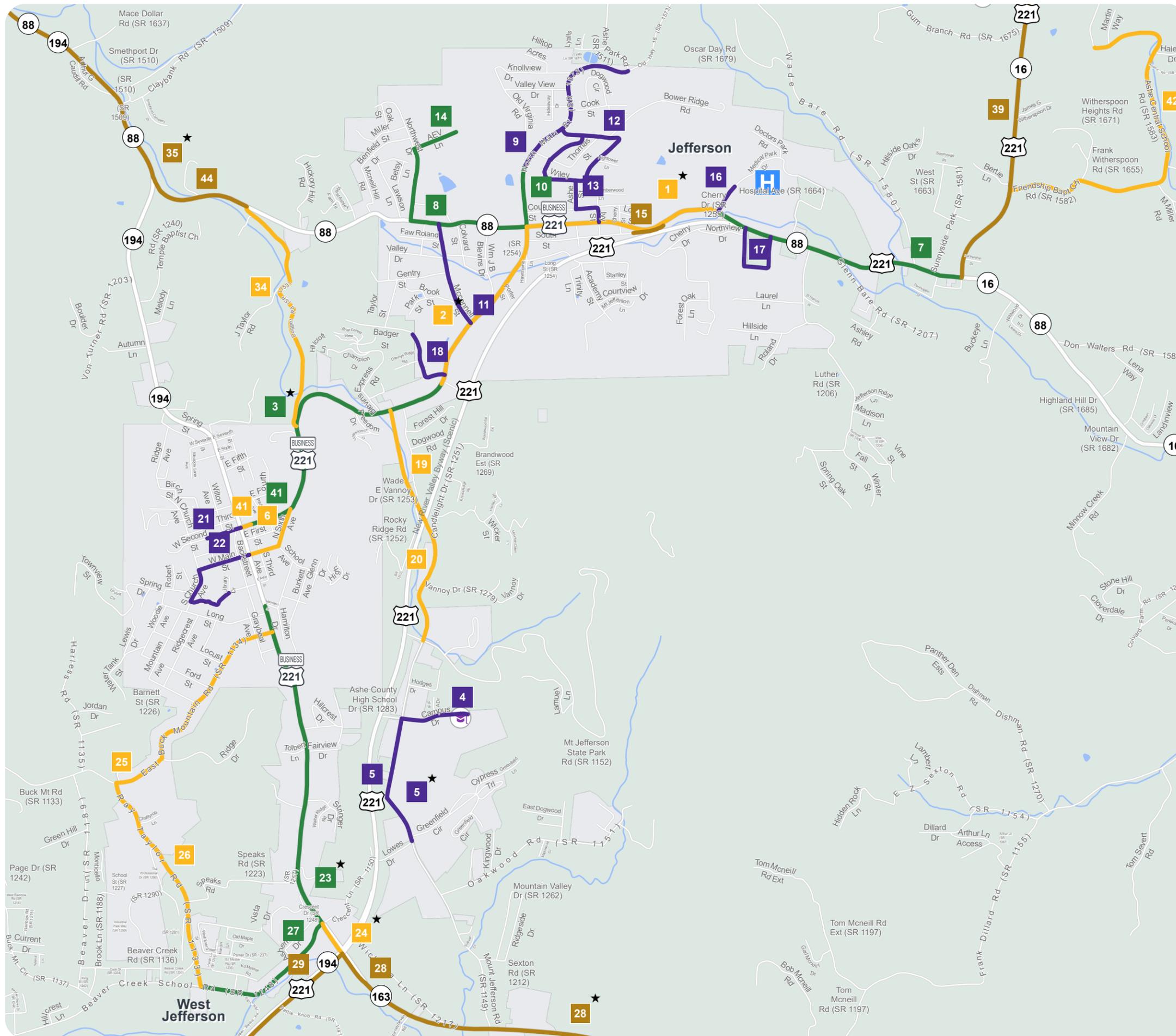
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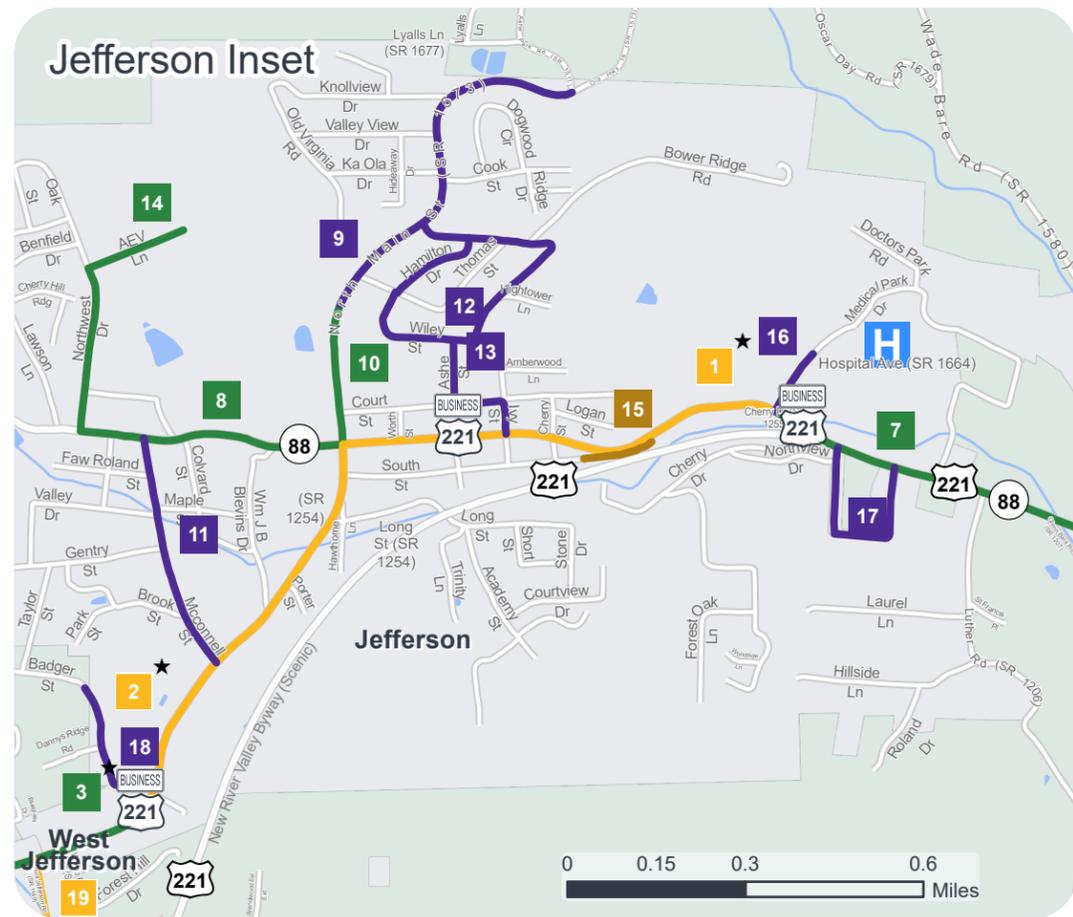
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BICYCLE / PEDESTRIAN RECOMMENDATIONS

Proposals that address identified needs through 2050



ASHE COUNTY INSET B

Comprehensive Transportation Plan Bicycle and Pedestrian Features

	Proposal ID #	Existing	Proposed
Bicycle	#		
Pedestrian	#		
Bicycle and Pedestrian	#		
Multiuse Path	#		
Bicycle and Pedestrian Bridge	#		
Denotes Highway Incidental	★		

Other Features

- Studied Roads
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ASHE COUNTY COMPREHENSIVE TRANSPORTATION PLAN
May 2023

Bicycle and Pedestrian Recommendations

Bike/Ped Class:	Bicycle	Pedestrian	Bike and Ped	Multiuse Path	Bike/Ped Bridge	* Denotes Highway Incidental			
Map ID	Local ID	Improvement Type	Recommendation Name	Limits	Length in Miles	Modes	Description	Identified Need	
1*	ASHE20002-H	Bicycle	US 221 BUS, S Main St Highway Recommendation	From: US 221 Bus/S Main st (Yamaha) To: Hospital Ave (SR-1664)	0.76	H,B	Replace with Road Diet (3 lanes with bicycle and pedestrian facilities)	Highway Recommendation	
2*	ASHE20001-H	Bicycle	US 221 BUS, NC 88, South Main St Highway Recommendation	From: N Sixth Ave To: US 221 Bus/S Main st (Yamaha)	1.72	H,B,P	Replace with Road Diet (3 lanes with bicycle and pedestrian facilities)	Highway Recommendation	
3*	ASHE20001-H	Bike and Ped	US 221 BUS, NC 88, South Main St Highway Recommendation	From: N Sixth Ave To: US 221 Bus/S Main st (Yamaha)	1.72	H,B,P	Replace with Road Diet (3 lanes with bicycle and pedestrian facilities)	Highway Recommendation	
4	ASHE50024-P	Pedestrian	Campus Dr. Sidewalk Proposal	From: Mount Jefferson Road To: Ashe County High School	0.26	P	Campus Dr sidewalk to connect to Mount Jefferson Road	Provide safety for high school students to walk to Walmart	
5	ASHE40024-P	Pedestrian	Mount Jefferson Rd Pedestrian Recommendation	From: Ashe County High School Dr (SR-1283) To: Walmart	0.31	P	Sidewalk Recommendation	Multimodal Connectivity	
5	ASHE40004-H	Pedestrian	Mount Jefferson Rd Highway Recommendation	From: Walmart To: Lowes Dr	0.19	P	Widen to three-lanes	Congestion	
6	ASHE50005-B	Bicycle	E Main, N. Sixth Ave Bicycle Recommendation	From: East Main/ US 221 BUS To: US 221 BUS	0.27	B	Bicycle Recommendation	Multimodal Connectivity	
7	ASHE20006-BP	Bike and Ped	US 221 BUS, East Main St Bicycle and Pedestrian Recommendation	From: Hospital Ave (SR 1664) To: US-221/NC-16	0.98	B,P	Added to busy shopping section	Multimodal Connectivity	
8	ASHE30007-BP	Bike and Ped	NC Hwy 88 West Bicycle and Pedestrian Recommendation	From: WM J B Blevins Dr. To: McConnell St	0.44	B,P	Added to connect to future Ag Center	Multimodal Connectivity	
9	ASHE40008-P	Pedestrian	North Main St Pedestrian Recommendation	From: 1200 Feet From US 221 BUS To: Ashe Park Rd (SR-1511)	0.65	P	Sidewalk Recommendation	Multimodal Connectivity	
10	ASHE40009-BP	Bike and Ped	North Main St Bicycle and Pedestrian Recommendation	From: US 221 To: 275 Feet From US 221	0.24	B,P	Added to connect to future Ag Center	Multimodal Connectivity	
11	ASHE50010-P	Pedestrian	McConnell St Pedestrian Recommendation	From: NC 88 To: US 221 BUS	0.4	P	Sidewalk Recommendation	Multimodal Connectivity	
12	ASHE50011-P	Pedestrian	Martin St Pedestrian Recommendation	From: North Main St To: Martin St.	0.82	P	Sidewalk Recommendation	Multimodal Connectivity	
13	ASHE50012-P	Pedestrian	Ashe St Pedestrian Recommendation	From: US 221 BUS To: Martin St.	0.24	P	Sidewalk Recommendation	Multimodal Connectivity	
14	ASHE50013-BP	Bike and Ped	Northwest Dr Bicycle and Pedestrian Recommendation	From: NC 88 To: DEAD-END	0.45	B,P	Added to connect to future Ag Center	Multimodal Connectivity	
15	ASHE00014-M	Multiuse Path	US 221 Multiuse Path	From: South St To: Existing Multiuse Path	0.12	M	Multiuse Path Recommendation	Multimodal Connectivity	
16	ASHE40015-P	Pedestrian	Hospital Ave Pedestrian Recommendation	From: US 221 To: Hospital Entrance	0.12	P	Sidewalk Recommendation	Multimodal Connectivity	
17	ASHE50016-P	Pedestrian	Government Cir Pedestrian Recommendation	From: US-221 To: US-221	0.36	P	Sidewalk Recommendation	Multimodal Connectivity	
18	ASHE50017-P	Pedestrian	Badger St Pedestrian Recommendation	From: US-221 BUS To: 600 Feet From Taylor St	0.25	P	Sidewalk Recommendation	Multimodal Connectivity	
19	ASHE40019-B	Bicycle	Mount Jefferson Rd Bicycle Recommendation	From: US-221 To: US-221 BUS	0.44	B	Bicycle Recommendation	Multimodal Connectivity	
20	ASHE40042-B	Bicycle	Mount Jefferson Road (SR-1149) Bike Lane Recommendation	From: Mount Jefferson Rd (SR 1149) To: Mt. Jefferson State Park Rd	0.49	B	Bicycle Recommendation	Multimodal Connectivity	
21	ASHE50022-P	Pedestrian	W Second St Pedestrian Recommendation	From: US-221 BUS To: College Ave	0.13	P	Sidewalk Recommendation	Multimodal Connectivity	
22	ASHE50023-P	Pedestrian	W. Main St, S. Church Ave, & Park Rd Pedestrian Recommendation	From: US-221 BUS To: Library Dr.	0.5	P	Sidewalk Recommendation	Multimodal Connectivity	
23*	ASHE20003-H	Bike and Ped	US 221 BUS, NC Hwy 194 Highway Recommendation	From: Hamilton St To: Beaver Creek School Rd (SR 1248)	1.27	H,B,P	Replace with Road Diet (3 lanes with bicycle and pedestrian facilities)	Highway Recommendation	
24*	ASHE20022-H	Bicycle	S. Jefferson Ave (US 221 BUS) Recommendation	From: US-221 To: Beaver Creek School Road	0.14	H,B,P	Improve roadway/turns near Beaver Creek School Road	Highway Recommendation	
25	ASHE40026-B	Bicycle	East Buck Mountain Bicycle Lane	From: Ray Taylor Rd. To: US-221 BUS	0.9	B	East Buck Mountain Rd. Bicycle Lane Recommendation	Multimodal Connection	
26	ASHE40027-B	Bicycle	Ray Taylor Road Bicycle Lane	From: Beaver Creek School Rd. To: East Buck Mountain Rd.	0.86	B	Ray Rd. Bicycle Lane Recommendation	Multimodal Connection	
27	ASHE40027-P	Bike and Ped	Beaver Creek School Rd Pedestrian Recommendation	From: US-221 BUS To: Ray Taylor Rd. (SR-1133)	0.59	B,P	Road Diet - Three lane plus sidewalk and bikeways	Multimodal Connectivity	
28*	ASHE30005-H	Multiuse Path	NC Hwy 163 Highway Recommendation	From: 750 Feet From US-221 To: NC-16	9.37	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation	
28*	ASHE00029-M	Multiuse Path	NC Hwy 16 South Multiuse Path Recommendation	From: NC-194 To: 750 Feet from NC-194	0.14	H,M			

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29	ASHE00030-M	Multiuse Path	US Hwy 221 Multiuse Path Recommendation	From: NC-194 To: NC-163	3.73	B	Multiuse Path Recommendation	Multimodal Connectivity
30	ASHE00031-M	Multiuse Path	US 221 Multiuse Path Recommendation	From Watauga County To: NC 194	7.75	B	Multiuse Path Recommendation	Multimodal Connectivity
31	ASHE00032-M	Multiuse Path	Todd Railroad Grade Rd Bicycle Recommendation	From: Railroad Grade Rd (SR 1106) To: NC 194	4.12	B	Multiuse Path Recommendation	Multimodal Connectivity
32*	ASHE40014-H	Multiuse Path	Railroad Grade Rd Highway Recommendation	From: Cranberry Springs Rd (SR-1100) To: US-221	7.02	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation
33*	ASHE40015-H	Multiuse Path	Idlewild Rd Highway Recommendation	From: NC 163 To: US 221	7.27	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation
34	ASHE40035-B	Bicycle	Dogget Rd Bicycle Recommendation	From: NC 88 To: US 221 BUS	0.96	B	Bicycle Recommendation	Multimodal Connectivity
35*	ASHE30007-H	Multiuse Path	NC Hwy 194 Highway Recommendation	From: NC 88/NC 194 in Warrensville To: NC 88/NC 194	3.77	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation
36*	ASHE30008-H	Multiuse Path	NC Hwy 194 Highway Recommendation	From: NC 88/NC 194 in Warrensville To: Patton Rd (1380) in Lansing	3.26	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation
37*	ASHE30011-H	Bicycle	NC Hwy 194 Highway Recommendation	From: Patton Rd (SR 1380) To: A St	0.25	B	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation
38*	ASHE30012-H	Bike and Ped	NC Hwy 194 Highway Recommendation	From: A St To: South Big Horse Creek Rd (SR-1353)	0.21	B,P	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation
39	ASHE00038-M	Multiuse Path	US Hwy 221 Multiuse Path Recommendation	From: US 221 To: NC88	1.31	B	Multiuse Path Recommendation	Multimodal Connectivity
40*	ASHE30018-H	Multiuse Path	NC Hwy 16 North Highway Recommendation	From: US 221 To: Virginia State Line	12.21	H,M	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation
41	ASHE20040-BP	Bike and Ped	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	0.2	B,P	Road Diet - Three lane plus sidewalk and bikeways	Multimodal Connectivity
42	ASHE40041-B	Bicycle	Friendship Baptist Church Rd Bicycle Recommendation	From: US 221, NC 16 To: Family Central Enterprise Corporation	1.47	B	Bicycle Recommendation	Multimodal Connectivity
43*	ASHE30013-H	Bicycle	NC Hwy 194 Highway Recommendation	From: Watauga County To: US-221	7.21	H,B	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation
44	ASHE00015-M	Multiuse Path	NC 88 Multiuse Path	From: NC 194 To: Dogget Road (SR 1153)	0.41	M	Multiuse Path Recommendation	Multimodal Connectivity
45*	ASHE30009-H	Pedestrian	NC Hwy 194 Highway Recommendation	From: South Big Horse Creek Rd (SR 1353) To: Helton Creek Rd (SR-1370)	0.3	H,M,P	Substandard roadway less than 12 foot lanes 2 ft shoulders	Highway Recommendation
46	ASHE30001-P	Pedestrian	NC 194 Sidewalk Connector	From: NC-194 To: E Street	0.01	P	Per Lansing Moves Plan. Five foot sidewalk along NC 194	Connect to existing network
47	ASHE50006-B	Bicycle	Lansing E Street Bike Lane	From: NC 194 To: NC 194	0.18	B	Per Lansing Moves Plan - One-way East bound shared street. Widen roadway to 14 feet, convert to one-way Eastbound traffic, shared street signing and treatments.	To help establish a network and connect major destinations within Lansing.
48	ASHE00016-M	Multiuse Path	LPCCA to E Street on road Multiuse Path Proposal	From: Es Street To: Piney Creek Road	0.13	H,M	Per Lansing Moves plan. Connect E Street via 10' on road multiuse path to Lost Province Center for the Cultural Arts.	Safely connect the LPCCA to E Street
49	ASHE00017-M	Multiuse Path	LPCCA to E Street Offroad Multiuse Path Proposal	From: E Street To: LPCCA	0.13	M	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.	Safely connect the American Legion Ballfield and the Lost Province Center for Cultural Arts with E Street.
50	ASHE00018-M	Multiuse Path	American Legion Ballfield Alternate Multiuse Path	From: Multiuse path proposal To: around American Legion Ballfield	0.13	M	Per Lansing Moves plan. Alternate 10' multiuse path option around American Legion Ballfield	Alternate multiuse path connection
51	ASHE00019-M	Multiuse Path	Creeper Trail Park and E Street Access Multiuse Path	From: Creeper Trail Park To: E Street	0.08	M	Per Lansing Moves Plan. Provide access from Creeper Trail Park to E Street via 10' Multiuse Path. Upgrade crossing to all way stop.	Provide safe access to Creeper Trail Park from E Street.
52	ASHE00020-M	Multiuse Path	Depot St and Creeper Trail Park Multiuse Path	From: Creeper Trail Park To: Depot St	0.15	M	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.	Connect Lansing Creeper Trail Park to Fire Department
53	ASHE00021-M	Multiuse Path	Fire Department Multiuse Path	From: NC 194 To: Walking Path	0.05	M	Per Lansing Moves plan. Connect to walking trails via a multiuse path from NC 194 to behind the Lansing Fire Department.	Provide safe access to walking trails.
54	ASHE00022-M	Multiuse Path	Neighborhood Multiuse Path Connector	From NC 194 To: A Street	0.05	M	Per Lansing Moves plan. Convert closed road to multiuse path connector to A Street.	Connection for NC 194 to B Street.

PUBLIC TRANSPORTATION AND RAIL RECOMMENDATIONS

Proposals that address identified needs through 2050



ASHE COUNTY

Comprehensive Transportation Plan

Public Transportation and Rail Features

	Proposal ID #	Existing	Proposed
Urban Fixed Bus Corridors	#		
Regional Bus Corridors	#		
Rural Fixed Bus Corridors	#		
Fixed Guideway	#		
Amtrak / Freight Route	#		
Current Railroad	#		
Transit Facility	#		
Park and Ride Lot	#		
Amtrak Station	#		
Intermodal Terminal	#		
MPO Boundary			
High Country RPO			
Studied Roads			
Denotes Highway Incidental	★		



Full report at:
<https://connect.ncdot.gov/AsheCountyCTPUpdate>



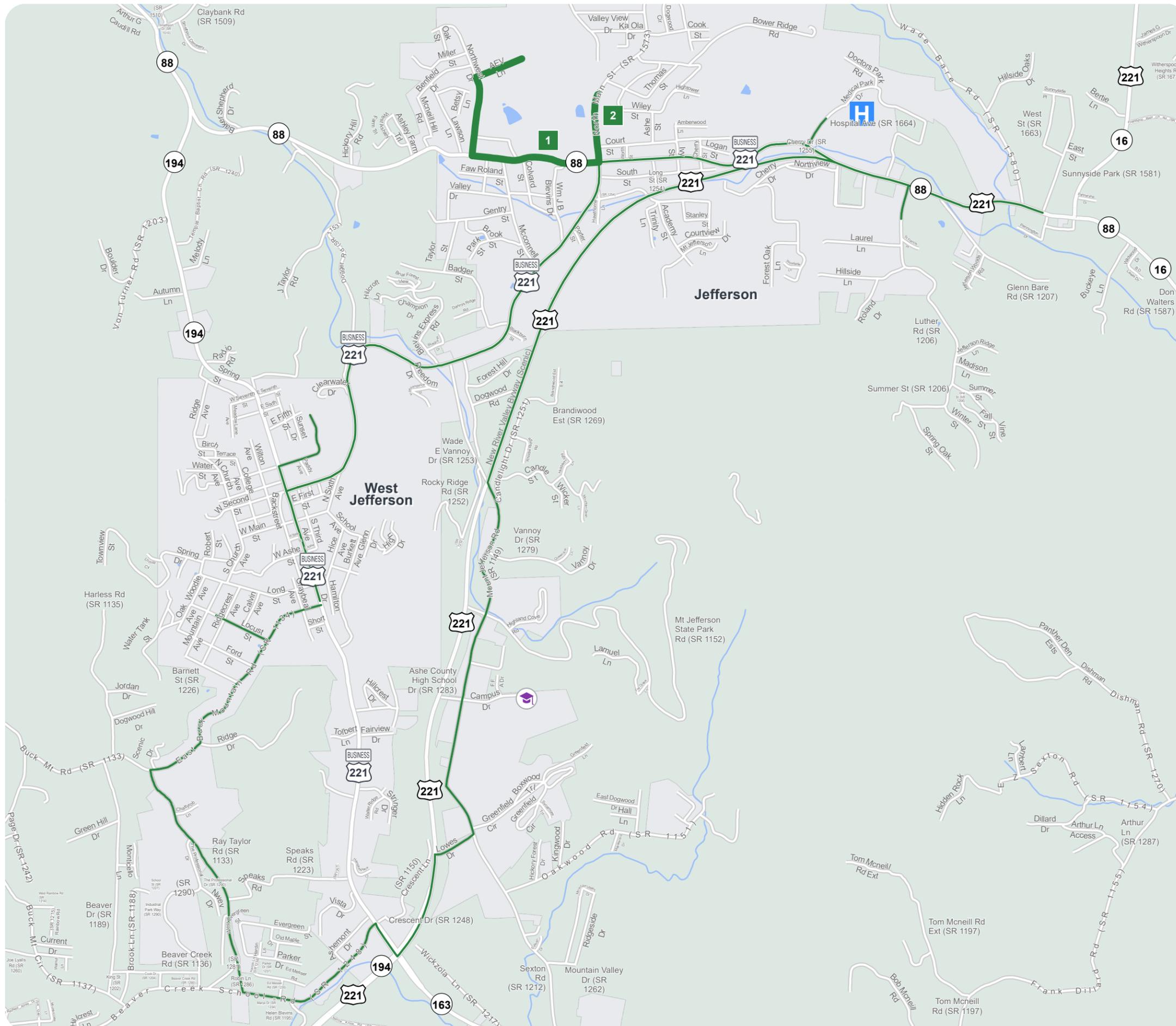
Sheet 3 of 4

Base map date: January 10, 2022

Legal Disclaimer

These concepts will need additional analysis to meet state and federal environmental regulations, to determine final locations and designs, and to be funded for implementation. Local zoning or subdivision ordinances may require the dedication of right of way based on the concepts shown on the Comprehensive Transportation Plan and local collector street plans, based on N.C.G.S. § 136-66.2 and § 136-66.10.

DRAFT
 Plan Date: May 03, 2023



ASHE COUNTY COMPREHENSIVE TRANSPORTATION PLAN

May 2023

Public Transportation and Rail Recommendations

Public Transit/Rail Class:		Urban Bus Corridor	Regional Bus Corridor	Rural Bus Corridor	Fixed Guideway			
Amtrak/Freight Route		Park and Ride or Multimodal, Amtrak/Light Rail Station or Intermodal Terminal * Denotes Highway Incidental						
Map ID	Local ID	Improvement Type	Recommendation Name	Limits	Length in Miles	Modes	Description	Identified Need
1	ASHE30001-T	Rural Bus Corridor	NC 88, AEV Ln, Northwest Dr Ag Center Transit Recommendation	From: NC 88 To: AEV Ln To: Northwest Dr	0.89	T	Ag Center Transit Connection	Multimodal Connectivity
2	ASHE40002-T	Rural Bus Corridor	North Main St Ag Center Transit Recommendation	From US 221 BUS To: 1250 Feet From US 221 BUS	0.24	T	Alternate Ag Center Transit Connection	Multimodal Connectivity