

## Technical Coordinating Committee

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February 13, 2025 – 11:00 A.M., Hybrid Meeting via Zoom or at Land of Sky Regional Council

Login: <https://us06web.zoom.us/j/86856945387>

Meeting ID: 86856945387

Call-In: 13126266799

### Agenda

1. **WELCOME AND HOUSEKEEPING (5 min)**

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  - A. Welcome and Introductions William High
  
2. **PUBLIC COMMENT**

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3. **APPROVAL OF AGENDA & CONSENT AGENDA** William High

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  - A. January, 2025 Board/TCC Meeting Minutes
  
4. **BUSINESS (30-45 min)**

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  - A. Amendments to the 2026-2035 Transportation Improvement Program (TIP) MPO Staff
  - B. Safety Targets MPO Staff
  
5. **INFORMATIONAL ITEMS (45-60 min)**

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  - A. Safe Streets for WNC Plan Update Lauren Blackburn, VHB
  - B. I-26 Connector Optimization and Refinement Update Nathan Moneyham, NCDOT
  - C. Draft 2026-2035 State Transportation Improvement Program (STIP) MPO Staff
  - D. 2050 Socio-Economic Projections MPO Staff
  
6. **REGULAR UPDATES (15 min)**

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  - A. NCDOT Division 13 and 14 updates Tim Anderson/Wanda Payne or Designee
  - B. Transportation Planning Branch Daniel Sellers
  - C. FHWA/FTA Updates Suzette Morales
  - D. Subcommittee/Workgroup Reports, Staff Updates, and Housekeeping MPO Staff
  - E. Legislative Updates MPO Staff
  
7. **ANNOUNCEMENTS, NEWS, SPECIAL UPDATES (5 min)**

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8. **TOPICS FOR NEXT MEETING (March 13<sup>th</sup>)**

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9. **PUBLIC COMMENT**

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10. **ADJOURNMENT**

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**Staff Report & Recommendations**

# Item 3:

## Consent Agenda

Item 3A: January, 2025 Meeting Minutes

# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

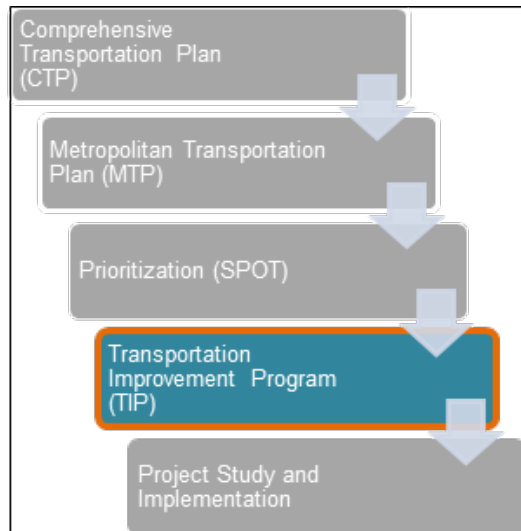
# Item 3A:

**January, 2025 Meeting Minutes**

Available here: [https://frenchbroadrivermpo.org/wp-content/uploads/2025/02/2025\\_01\\_09\\_DRAFT.MPO\\_TCC\\_Minutes.pdf](https://frenchbroadrivermpo.org/wp-content/uploads/2025/02/2025_01_09_DRAFT.MPO_TCC_Minutes.pdf)

# Item 4A:

## Amendments to the 2024-2033 Transportation Improvement Program (TIP)



### What is the Transportation Improvement Program (TIP)?

The Transportation Improvement Program (TIP) is our region's document that reflects planned transportation investments over a ten-year period. The TIP describes each project, a schedule for implementation, funding sources, and estimated costs. Current items are for modification of existing projects.

### Amendments Summary

We have a significant number of Amendments this month. Some changes include:

- The segmentation of A-0010AA into A-0010AB, AC, AD, AE, AF, AG, AJ, and AK. After the segmentation, the original A-0010AA project will be deleted.
- Multiple transit amendments including programming funds for 5311 and 5310 capital projects, replacement vehicles, and transit routine maintenance.
- U-5019B is being reopened after previously being closed out in 2022. This is the French Broad River West Greenway managed by the City of Asheville. This would allow Asheville to invoice the MPO for \$700,000 of previously unobligated funds.

**TIP Amendment Summaries can be found here:** <https://frenchbroadrivermpo.org/wp-content/uploads/2025/02/FebruaryTIPAmendments.pdf>

# **FRENCH BROAD RIVER**

METROPOLITAN PLANNING ORGANIZATION

## **Staff Report & Recommendations**

**Staff Recommendation:** Approve the amendments.

**Action Required:** Consider Adoption of the amendments to the TIP.

## Staff Report & Recommendations

# Item 4B:

### Safety Targets

Since 2016, the Federal Highway Administration (FHWA) established five highway safety performance measures in accord with regulations set forth in the Federal MAP-21 and FAST Act transportation funding bills. These performance measures are:

1. *Number of fatalities;*
2. *Rate of fatalities per 100 million vehicle miles traveled;*
3. *Number of serious injuries;*
4. *Rate of serious injuries per 100 million vehicle miles traveled; and*
5. *Number of combined non-motorized fatalities and non-motorized serious injuries.*

These targets are established annually, are based on five-year rolling averages, and are for calendar years. North Carolina state targets are set in agreement with our Strategic Highway Safety Plan (SHSP) goals. The SHSP goals are developed through collaborative efforts of a diverse group of stakeholders including state, regional, and local partners (including MPOs). The goal of the most recent (2019) SHSP is to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050.

State safety performance targets for 2025 were submitted to FHWA on August 31st, as required, with the submission of the annual Highway Safety Improvement Program (HSIP) report. These targets reflect the 2019 SHSP goal to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050. The calculated targets are shown in the table below.

The following table from NCDOT shows the MPO Planning Area's past safety record compared to CY 2022 Targets:

# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

Table 2: French Broad River MPO Safety Performance Target Achievement Determination Summary for CY 2022

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2018 - 2022	2018 - 2022	2016 - 2020			
Fatalities (5 Year Average)	45.4	51.0	49.8	No	No	No
Fatality Rate (5 Year Average)	0.912	1.030	1.008	No	No	
Serious Injuries (5 Year Average)	108.3	138.0	129.4	No	No	
Serious Injury Rate (5 Year Average)	2.151	2.786	2.613	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	15.7	19.8	19.6	No	No	

The next table from NCDOT shows the proposed target for CY 2025 with the MPO Planning Area's past safety record for reference:

Table 4: French Broad River MPO Specific Safety Performance Targets

Year	Fatalities (5 Year Average)	Fatality Rate (5 Year Average)	Serious Injuries (5 Year Average)	Serious Injury Rate (5 Year Average)	Non-motorized Fatalities and Serious Injuries (5 Year Average)
2008 - 2012	44.0	1.000	113.4	2.578	16.4
2009 - 2013	45.0	1.012	101.6	2.289	15.6
2010 - 2014	46.8	1.042	89.4	1.999	15.6
2011 - 2015	46.8	1.030	81.6	1.805	15.6
2012 - 2016	46.2	0.997	74.2	1.602	16.2
2013 - 2017	50.2	1.056	84.6	1.755	15.4
2014 - 2018	52.4	1.080	102.2	2.071	17.6
2015 - 2019	51.2	1.033	117.6	2.343	18.2
2016 - 2020	49.8	1.008	129.4	2.613	19.6
2017 - 2021	50.8	1.018	137.6	2.759	20.4
2018 - 2022	51.0	1.030	138.0	2.786	19.8
2019 - 2023	54.0	1.088	138.4	2.793	21.6
<b>2025 Target*</b>	<b>40.6</b>	<b>0.810</b>	<b>100.8</b>	<b>1.997</b>	<b>14.5</b>

# FRENCH BROAD RIVER

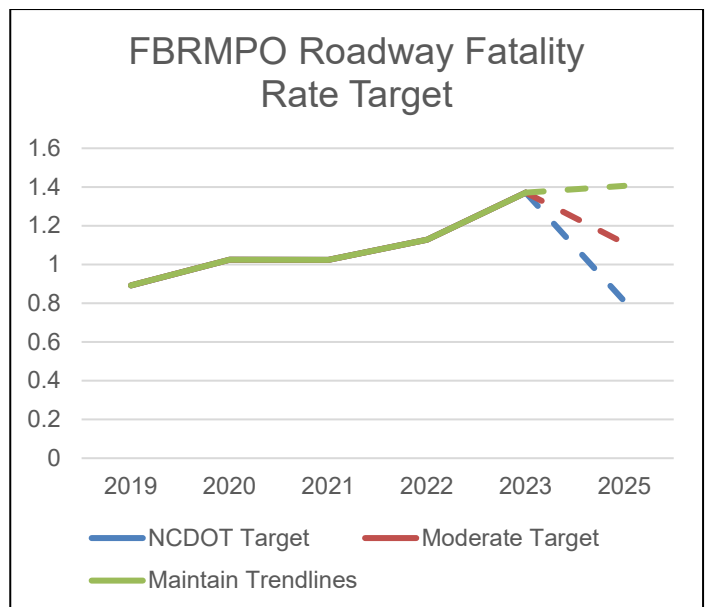
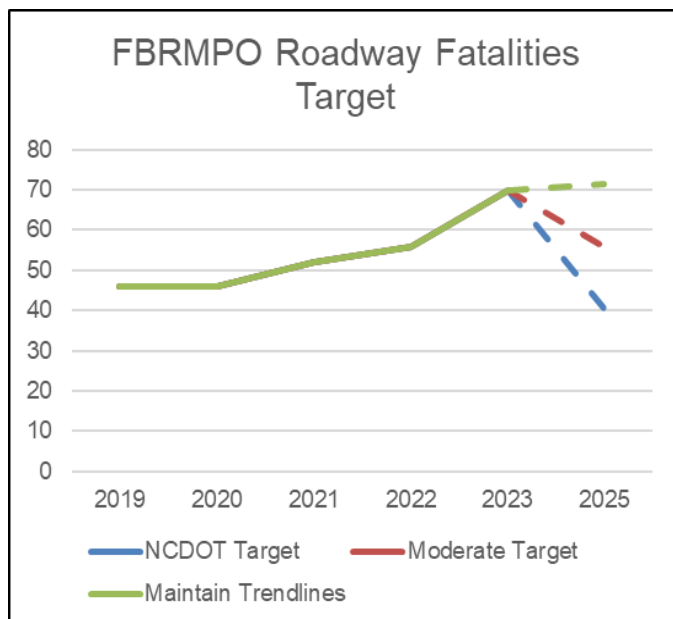
METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

Based on the discussion with the MPO Board in January, MPO staff is providing three scenarios for the TCC & Board to choose from:

1. Adopt NCDOT Targets
2. Moderate Targets (Median between NCDOT Targets & Maintaining Trendlines)
3. Maintain Trendlines

	Fatalities	Fatality Rate	Serious Injuries	Serious Injury Rate	Non-Motorized Fatalities and Serious Injuries
<b>NCDOT Target</b>	40.6	0.81	100.8	1.997	14.5
<b>Moderate Target</b>	56	1.108	129.7	2.561	20.5
<b>Maintain Trendlines</b>	71.4	1.406	158.5	3.124	26.4

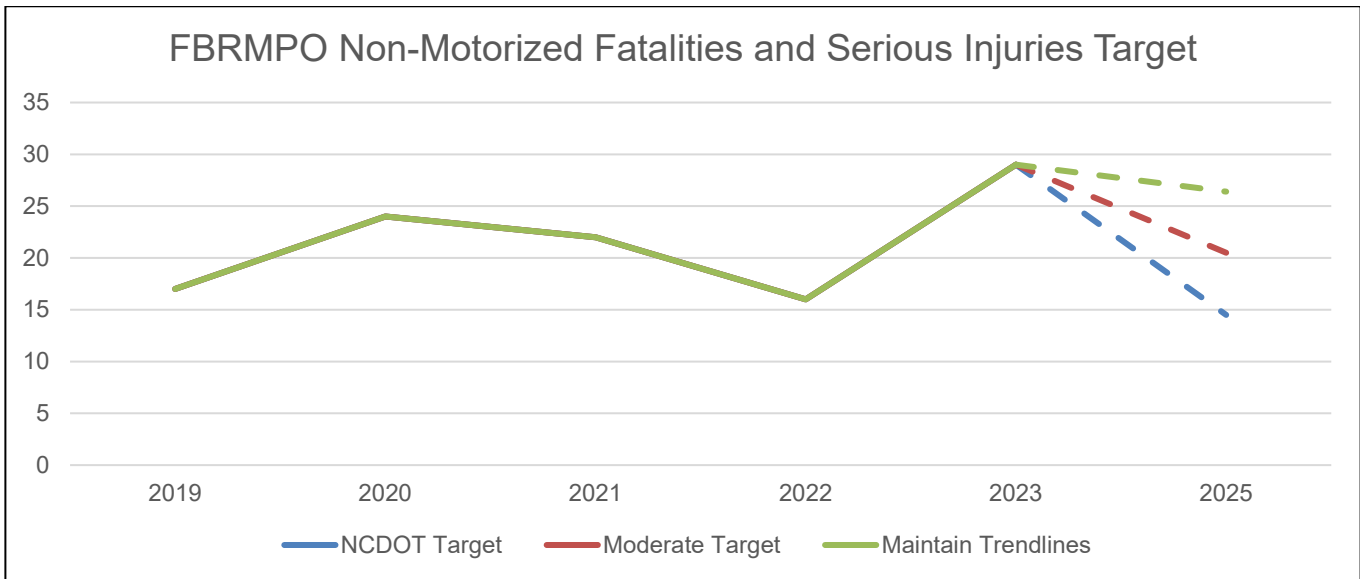
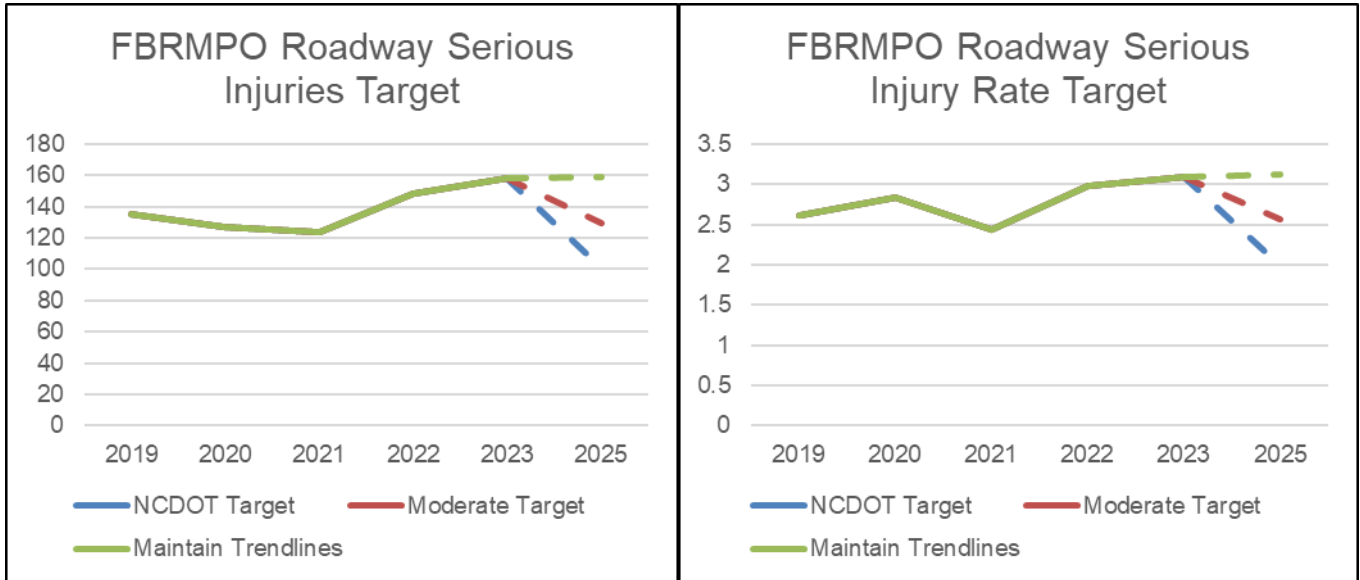




# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations



**Action Required:** Recommend one set of safety targets to the MPO Board

# Item 5A:

## **Safe Streets for WNC Plan Update**

Safe Streets for WNC is a safety action plan funded through the Safe Streets for All (SS4A) discretionary grant program through the Infrastructure Investment and Jobs Act (IIJA). The SS4A grant program supports USDOT and their goal of zero roadway deaths using the Safe Systems Approach. The French Broad River MPO and Land of Sky RPO hired VHB and began the plan in 2024. We held stakeholder engagement in the Summer of 2024. Due to Hurricane Helene, we encountered project delays in public engagement but are proceeding with an abbreviated public engagement as we continue the plan. Lauren Blackburn from VHB is here to provide the TCC with an update on the Safe Streets for WNC plan and milestones moving forward.

# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

Information Only

# Item 5B:

## I-26 Connector Optimization and Refinement Update I-26 Connector (I-2513) Update

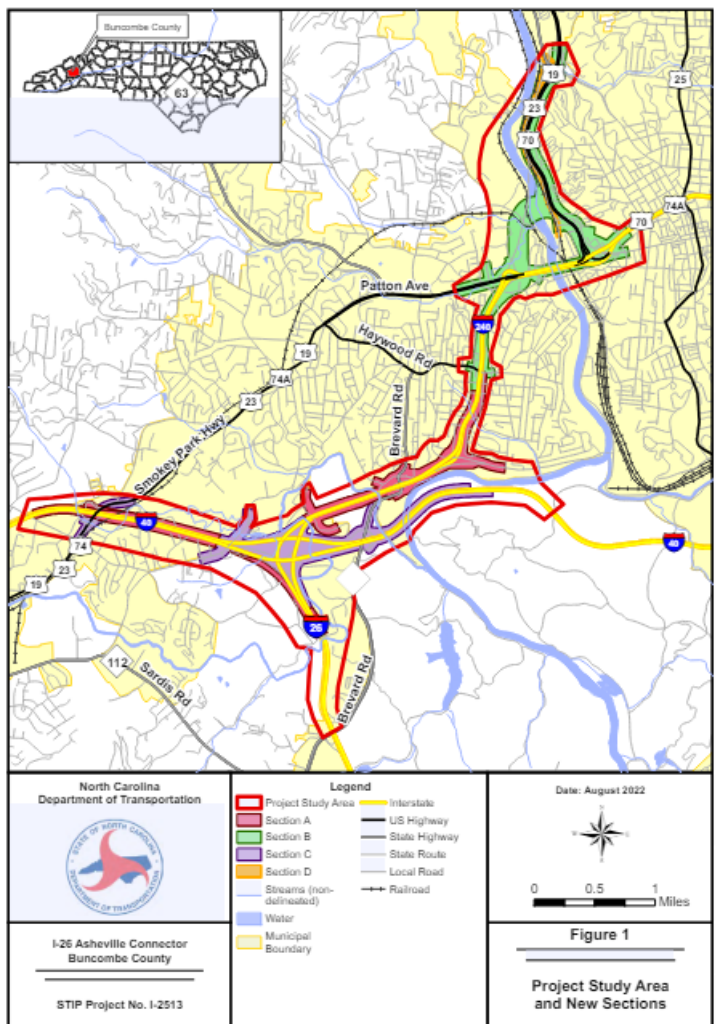
### What is the I-26 Connector?

The I-26 Connector (I-2513) is a highway project in Buncombe County that aims to provide improvements to I-26, I-240, and parts of I-40. The project is split into several different sections (generally described below):

**Section AA-** Pavement rehabilitation on I-40 from roughly Sand Hill Road to Monte Vista Road. (STIP Status: Funded)

**Section AB-** I-26/I-40 AND I-40/US 19/23 (SMOKEY PARK HIGHWAY) INTERCHANGES. CONSTRUCT THE FOLLOWING IMPROVEMENTS: WIDEN I-40 EASTBOUND TO I-26 EASTBOUND RAMP, WIDEN I-26 WESTBOUND BETWEEN I-40 RAMPS, CONSTRUCT NEW I-40 WESTBOUND TO US 19/23 (SMOKEY PARK HIGHWAY) NORTHBOUND RAMP. (STIP Status: Funded)

**Section AC-** Widen I-26/I-240 from I-40 to Haywood Road (STIP Status: Funded)



# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

**Section B-** Highway Widening and New Bridge Construction over the French Broad River from Haywood Road to Broadway Avenue. (STIP Status: Funded)

**Section C-** Final Improvements to the I-26/I-40/I-240 interchange. (STIP Status: NOT Funded)

**Section D-** modernization and complete streets improvements to Riverside Drive (STIP Status: Funded)

The project also includes additional improvements that have been requested by the City of Asheville, including multimodal infrastructure and aesthetic enhancements.

### Update

Sections B & D went to bid in early, 2024 for design-build, however, all the bids came in over the cost estimate of the project. NCDOT has been working on a process known as Optimization & Refinement with the contractor to reduce costs of the project. The Optimization & Refinement process has completed and has reduced costs enough to move the project forward.

To present on the changes made as part of the Optimization & Refinement process, Nathan Moneyham, NCDOT Division 13 Construction Engineer, will provide an update.

# FRENCH BROAD RIVER

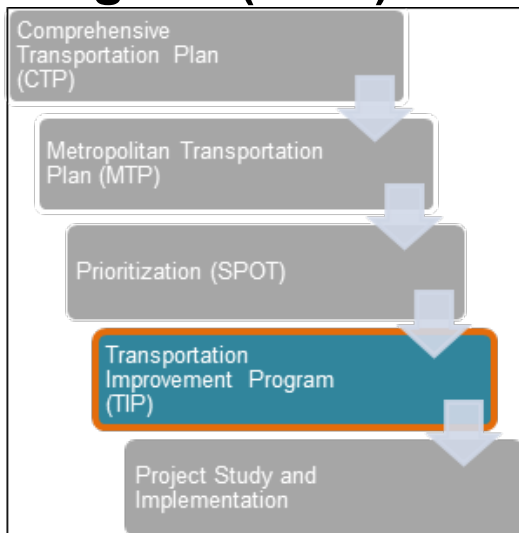
METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

Information Only

# Item 5C:

## Draft 2026-2035 State Transportation Improvement Program (STIP)



### What is the State Transportation Improvement Program (STIP)?

The State Transportation Improvement Program (STIP) is North Carolina's document that reflects planned transportation investments over a ten-year period. The STIP describes each project, a schedule for implementation, funding sources, and estimated costs. The STIP includes all of the MPO's TIPs as well as programs for RPOs.

### Development of the 2026-2035 State Transportation Improvement Program (TIP)

The cycle to update the STIP for 2026-2035 began in fall 2023. Due to rising costs for existing projects funded in the currently adopted 2024-2033 STIP, little to no funding was projected to be available for new projects in the 2026-2035

STIP. While P 7.0 was completed, few projects across the State were funded and none in the French Broad River MPO. Instead, the primary focus was on right-sizing NCDOT's budget and delaying or cutting existing projects due to cost increases.

# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

### Projects Being Decommited

Project	Route	County	Funding Tier	Revised Cost
U-4712	US 23B (South Main Street) Widening	Haywood	Division 14	\$57,400,000
U-6159	US 276 (Russ Avenue) Access Management	Haywood	Division 14	\$39,000,000
U-6158	US 276 @ Crymes Cove Intersection Improvements	Haywood	Division 14	\$6,700,000
U-2801AB	US 25A (Sweeten Creek Road) Widening	Buncombe	Region G	\$215,000,000
U-5832	NC 81 (Swannanoa River Road) Widening	Buncombe	Division 13	\$145,000,000
U-6047	NC 112 (Sand Hill/Sardis Road) Widening	Buncombe	Division 13	\$175,800,000
I-4400BA	I-26 @ US 64 Interchange Improvements	Henderson	Division 14	\$143,600,000

\*A-0010AA decommitted (officially) but previously brought before the MPO Board

# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

### Project Delays & Construction Schedules

Project	Route	County	Previous CST Year	Updated CST Year
A-0010AE	Future I-26 (near New Stock Road)	Buncombe	2031	2031
I-2513AC	I-26/I-240	Buncombe	2025	2027
I-2513B & I-2513D	I-26/I-240	Buncombe	2024	2024
I-4409	I-40 @ Blue Ridge Road	Buncombe	2025	2026
I-4759	I-40 @ Liberty Road	Buncombe	2027	2029
U-4739	Amboy/Meadow Road	Buncombe	2030	2030
U-5834	Mills Gap Road	Buncombe	2025	2026
U-6163	Mills Gap Road @ Cane Creek Road	Buncombe	2025	2025
R-5921	US 276 (Jonathan Creek Road)	Haywood	2024	2025
U-6048	US 19/23	Haywood	2030	2033
R-2588B	NC 191	Henderson	2026	2029
U-5783	US 64	Henderson	2025	2025
U-5886	White Street	Henderson	2027	2028
U-6049	NC 225 (South Main Street)	Henderson	2027	2028

# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

### Next Steps

Action	Date
Draft STIP Released	January 31, 2025
Division 13/14 Public Meetings	February 24-28 (Drop-In at Division HQ)
Public Comments Due	April 4, 2025
NC BOT Adoption	June, 2025
FBRMPO Adoption	August, 2025



## Staff Report & Recommendations

Information Only

# Item 5D:

## 2050 Socio-Economic Projections Update

As part of the development of the Metropolitan Transportation Plan (MTP), the MPO develops what's referred to as the "Preferred Growth Scenario" that determines how much growth the region should be planning to accommodate in 2050, what kind of growth is expected (in terms of demographics and business type), and where that growth is expected to go. This information feeds into the region's Travel Demand Model, which is used to develop traffic projections to determine future transportation needs. Outputs from the model are used to build Purpose & Need Statements for future projects as well as a starting point for the development of traffic forecasts that NCDOT uses to determine roadway needs for projects.

The French Broad River MPO has hired Manhan Group to develop four different growth scenarios for the region for the Board to consider:

1. **Business as Usual**- growth would be dictated by a combination of comprehensive plans and market forces with the general intent that growth patterns would not change significantly based on current patterns and comprehensive plans. Growth total: NC OSBM
2. **Consolidated Growth**- growth would be more focused in more walkable areas (WalkUPs), areas with lower VMT/HH, and/or generally more developed areas. The intent would be to focus more growth in areas more conducive to shorter trips and densify urban areas beyond what is likely in current plans and UDOs. Growth Total: NC OSBM
3. **Dispersed Growth**- growth would be more focused in areas with lower densities in order to avoid densification of the region beyond what is currently in comprehensive plans. Growth Total: NC OSBM
4. **Accelerated Growth**- growth rates would exceed current projections with the hopes of accommodating additional housing and avoiding becoming a region being heavily-reliant on its working-age population being outside of the region as well as alleviating housing price pressures. Growth Total: Custom

MPO Staff will provide an overview of the study, why it's important, and what decision point is coming to the TCC and Board soon.

## Staff Report & Recommendations

Information Only

# Item 6A:

## Division Project Updates

Division 13: [https://frenchbroadrivermpo.org/wp-content/uploads/2025/02/Division13\\_February2025Updates.pdf](https://frenchbroadrivermpo.org/wp-content/uploads/2025/02/Division13_February2025Updates.pdf)

Division 14: [https://frenchbroadrivermpo.org/wp-content/uploads/2025/02/Division14\\_February2025Updates.pdf](https://frenchbroadrivermpo.org/wp-content/uploads/2025/02/Division14_February2025Updates.pdf)

# Item 6B:

## TPD Updates

# Item 6C:

## FHWA/FTA Updates

FHWA Bipartisan Infrastructure Law Website: <https://www.fhwa.dot.gov/bipartisan-infrastructure-law/>

FTA Bipartisan Infrastructure Law Website: <https://www.transit.dot.gov/BIL>

## Staff Report & Recommendations

# Item 6D:

### **Committee & Workgroup Updates**

**Prioritization Subcommittee**— met on February 5<sup>th</sup>; next meeting March 5<sup>th</sup>.

- Draft STIP
- Elevate 2050 Updates
- 2050 Socio-Economic Growth Scenarios

**5307 Subrecipient Workgroup**- met on November; next meeting February 18<sup>th</sup>

Points of Business/Discussion:

- TIP/STIP Updates Needed
- Potential Changes to the 5307 Subrecipient Formula

**Hellbender Trail Stakeholder Group/Regional Trail Forum Updates**- met on April 23<sup>rd</sup>; next meeting TBD.

# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

### MPO Studies Status

Study	Managing Entity	Year Programmed	Status
2050 Socio-Economic Projections	FBRMPO	2024	Underway
CTP/MTP Update	FBRMPO	2024	Underway
Safe Streets for All Regional Action Plan	FBRMPO	2024	Underway
Patton Avenue Corridor Study	City of Asheville	2023	Underway
Woodfin-Weaverville Greenway Study	Town of Woodfin	2025	Underway
Buncombe County Pedestrian Plan	Buncombe County	2025	Consultant Selected
Hellbender Implementation Plan	FBRMPO	2024	Not Started
Regional ITS Plan	FBRMPO	2024	Not Started
Travel Survey/Model Upgrades	FBRMPO	2024	Not Started
Staffing & Compensation Study	LOSRC	2024	Not Started

### Additional Items:

**Recommended Actions: Accept the reports.**

# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

### Locally Administered Projects

TIP ID	Project Title	County	Project Status	When Will Current Phase Be Completed?	Construction Year (Beginning)
<b>BL-0005</b>	Broadway St Ped Improvement	Buncombe	Closing Out	Recently Completed!	
<b>HL-0012</b>	I-240/Charlotte St Interchange & Ped Improvements	Buncombe	Closing Out	Recently Completed!	
<b>BL-0007</b>	Ecusta Trail (Kanuga Rd to US 64)	Henderson	Under Construction	Late Summer 2025 due to the impacts of Hurricane Helene	2023
<b>EB-5948</b>	Onteora Blvd Sidewalks	Buncombe	Under Construction	Recently Completed!	2023
<b>EB-5926</b>	US 19 (Soco Rd) Bike/Ped Improvements	Haywood	Under Construction	2024	2023
<b>U-5190</b>	New Leicester Sidewalks	Buncombe	Under Construction	Recently Completed_ Currently closing out with NCDOT	2023
<b>HL-0014</b>	Biltmore Ave/White Fawn Dr Intersection Improvements	Buncombe	Working on Project Agreement	Construction to Begin This Year	2024
<b>EB-5944</b>	Johnston Rd Sidewalks	Buncombe	Design – 99% R.O.W – 99%	Construction to Begin This Year, finalizing encroachment agreement with the railroad	2024
<b>EB-5947</b>	New Haw Creek Rd Sidewalks	Buncombe	Design – 99% R.O.W. – 99%	Construction Contract Awarded, Construction Beginning in March 2025	2025
<b>U-5019A</b>	Town Branch Greenway	Buncombe	Design – 95%	Construction to Begin This Year	2024

# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

TIP ID	Project Title	County	Project Status	When Will Current Phase Be Completed?	Construction Year (Beginning)
HL-0003	Haywood Rd Resurfacing & Ped Improvements	Buncombe	Design – 90%	Going to bid in September 2024	2024
BL-0008	Clear Creek Greenway	Henderson			2024
BL-0076	Riceville Rd Sidewalks	Buncombe	Design – 0%	October 2024	2025
EB-5547A	Riverwalk Greenway (Black Mountain Ave to Flat Creek Greenway)	Buncombe	Design – 30%	Late 2024	2025
EB-5547B	Riverwalk Greenway (Black Mountain Ave to Into the Oaks Trail)	Buncombe	Design – 30%	Late 2024	2025
EB-5774A	Woodfin Greenway	Buncombe	Design – 85%	R.O.W. – 2024 Construction - 2025	2025
EB-5824	Enka Heritage Trail	Buncombe	Design – 15%	R.O.W. – Late 2024 or Early 2025	2025
EB-5831	Coxe Ave Bike/Ped Improvements	Buncombe	Design – 10%	Spring 2024	2025
BL-0006	Various Ped Improvements within Asheville City Limits	Buncombe			2026
EB-5774B	Beaverdam Creek Greenway	Buncombe	Design – 30%	R.O.W. - Late 2024	2026

# FRENCH BROAD RIVER

METROPOLITAN PLANNING ORGANIZATION

## Staff Report & Recommendations

<b>EB-5822</b>	North RAD Greenway	Buncombe	Design and PE beginning	30% Design – May 2025	2026
<b>HL-0013</b>	9 <sup>th</sup> Ave Bridge Replacement	Buncombe	Design – 50%	Design – Complete in 2025 R.O.W. – Beginning September 2024	2026
<b>TIP ID</b>	<b>Project Title</b>	<b>County</b>	<b>Project Status</b>	<b>When Will Current Phase Be Completed?</b>	<b>Construction Year (Beginning)</b>
<b>BL-0078</b>	Ecusta Trail (US 64 to Transylvania County Line)	Henderson	Design Underway	Winter 2025	2027
<b>EB-5945</b>	Champion Dr Multi-Use Path	Haywood	ROW Underway		Funded for ROW Only
<b>EB-5946</b>	NC 280 Multi-Use Path	Henderson	PE to Begin in 2026		Funded for PE Only
<b>EB-5823</b>	Bent Creek Greenway	Buncombe	PE to Begin in 2029		Funded for PE Only
<b>EB – 5946</b>	NC 280 Multi-Use Path	Henderson			Funded for PE Only

# Item 6E:

## Legislative Updates