Jeffery Adams, Director Ashley Minery, Planner Darby Terrell, Planner



106 East Morgan Street, Suite 207 Brevard, NC 28712 828.884.3205 planning.transylvaniacounty.org

Transportation Advisory Committee July 9, 2024 at 6:00 PM Commissioners Chambers, 101 South Broad Street

AGENDA

CALL TO ORDER

- I. WELCOME
- II. ORGANIZATIONAL MEETING
 - A. Election of Chair and Vice Chair
 - B. Review of Responsibilities
- III. PUBLIC COMMENT (15-minute time limit. Speakers are limited to three minutes.)
- IV. AGENDA MODIFICATIONS
- V. CONSENT AGENDA
 - A. Minutes (October 10, 2024)
 - B. Transit Ridership: Fixed Route and Demand Response
- VI. PRESENTATION
 - A. Citizen Advisory Committee Training
- VII. OLD BUISNESS
 - A. NCDOT State Transportation Improvement Program (STIP)/SPOT 7.0 Prioritization Update
 - B. NCDOT Current Project Update
 - C. Transylvania County Comprehensive Transportation Plan (CTP) Update
- VIII. PUBLIC COMMENT (15-minute time limit. Speakers are limited to three minutes.)
- IX. COMMITEE MEMBERS' COMMENTS

ADJOURNMENT

Jeffery Adams, Director Ashley Minery, Planner Darby Terrell, Planner



106 East Morgan Street, Suite 207 Brevard, NC 28712 828.884.3205 planning.transylvaniacounty.org

Agenda Item: Information Item

Memorandum

From: Darby Terrell, Planner

To: Transylvania County Transportation Advisory Committee

Date: July 2nd, 2024

Meeting Date: July 9th, 2024

Subject: NCDOT Response to Cedar Mountains Safety Concerns

Contact Info: darby.terrell@transylvaniacounty.org or (828) 884-1870

Attachment(s):

- 1. Vicki Eastland Email Correspondence Cedar Mountain Discussion with business owners, dated June 28, 2024;
- 2. US 276 at SR 1536 Cascade Lake Road Concept Plan, NCDOT, received July 1, 2024;
- 3. Email Correspondence from Business in Support of Changes, Cedar Mountain, dated June 14, 2023;
- 4. Email Correspondence regarding Cedar Mountain, Lucia Gerdes and Staff, dated June 12, 2024; and Doug Poad and staff, dated June 18, 2024, with NCDOT property notice letter attachment, dated May 6, 2024;
- 5. NCDOT Report on the Cascade Lake Road Improvement

Purpose:

Update on safety and speed concerns at the Cedar Lake Rd. and US 276 Greenville Highway intersection in Cedar Mountain and is **intended to be informative with no actionable items.**

Background:

This is an information update regarding a proposed mini roundabout in NCDOT preplanning stages at the intersection of Cedar Lake Rd. and US 276 in Cedar Mountain.

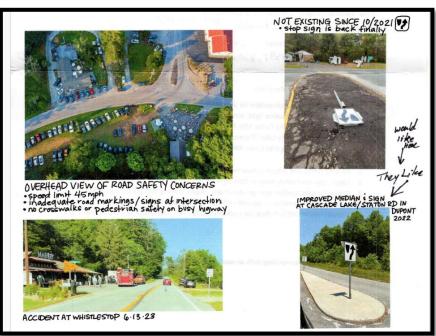
A group of concerned citizens in Cedar Mountain reached out to Commissioner Larry Chapman regarding safety concerns, around the intersection of Cascade Lake and US 276 - Greenville Highway. Commissioner Chapman then reached out to Vicki Eastland of Land of Sky RPO, to attend a meeting with this group of concerned citizens. The meeting took place in June 2023, where the group expressed their concerns, as well as their suggestions of what they wished to see and how the concerns might be addressed. The suggestions included lowering the speed limit, implementing pedestrian safety improvements, such as crossings, signage, caution lighting, safety-strips on the roadway to warn drivers of driveways, removing passing lanes, parking infrastructure, repainting Stop Sign lines, adding a new median barrier, and other pedestrian facilities. (see below their document)

Attachment #3

Needs & Concerns for Cedar Mountain:

- 1. Speed Limit that's appropriate for a social district.
- 2. Pedestrian safety (caution light, crossing walk, signage i.e Approaching intersection, etc.)
- Rumble strips entering Cedar Mtn from North and South and approaching intersection from Dupont/Cascade Lake (if speed cannot be reduced)
- Passing lanes coming into Cedar Mtn that ends AT the Community Center is extremely dangerous.
- 5. Parking safety and infrastructure needs
- 6. Repainting road safety lines at Stop Sign
- 7. Replacing split median signage -too many people turning into oncoming traffic
- 8. Improving split median upgrade with safety crosswalk lines
- 9. Community WISHES: Pedestrian walkways, sidewalks, footbridge to cross Highway 276





The citizens were informed by both Ms. Eastland and Mr. Chapman at the meeting that if there is no entity willing to take over the maintenance of such

improvements, whether sidewalks, trials, or other facilities, NCDOT will not build them. It was expressed to those in attendance that the county did not have the resources to take over the maintenance of those pedestrian facilities. In an email correspondence dated June 26, 2023, with Mr. Wilson, NCDOT, Ms. Eastland states her safety concerns upon her visit to the site, as she saw three (3) different cars turn the wrong way onto Cascade Lake Road, where the current median barrier is located. Ms. Eastland also states that there is a culvert that will need to be replaced located before the Cedar Mountain Outpost.

Land of Sky RPO

The Land of Sky RPO applied for and received funding for a mini-roundabout through the Carbon Reduction Fund, which help reduce carbon emissions. This federal funding stream requires funded projects to lessen the emissions being emitted, whereas a signaled intersection would not provide such reductions. It is also stated County policy, from which the RPO and NCDOT have been directed to consider alternative solutions to resolve speed and safety concerns at such intersections, and since roundabouts force people to slow down and maintain safe ingress and egress to existing points of entry.

Ms. Eastland discussed this project with Planning staff and has expressed that she doesn't believe that there is another option available which would provide any foreseeable funding while addressing the safety concerns. She is confident, after talking with NCDOT staff involved with Statewide Transportation Improvement Program (STIP), that it will be decades before there is any funding directed toward Cedar Mountain through the normal STIP process that would provide for intersection improvements in the future. Many projects throughout the region and state have been delayed and as Ms. Eastland states this project would be the only rural NCDOT project that would be funded and in development in Transylvania County (Wilson Rd project falls under the City of Brevard's jurisdiction).

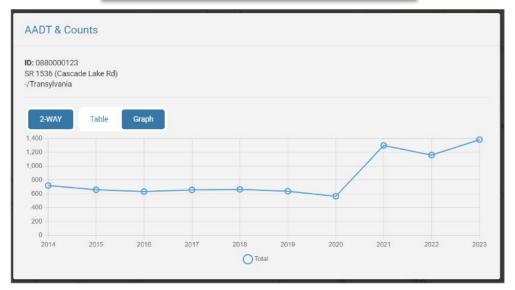
NCDOT

Safety and speed concerns have been documented by NCDOT over the past few years. Cascade Lake Road has had a tremendous increase in traffic in the past five years, due to the amount of people attracted to the amenities offered at Dupont State Forest. In 2018 the traffic count was **664 cars per day**, **as** of 2023 the number jumped to **1,383 cars per day**. Ms. Eastland doesn't think this number will drop anytime soon, and due to the steady increase over the years in regional population and seasonal tourism activities, the number is only projected to grow larger. Similar increases are shown for US 276/Greenville Highway and all area roads leading from the growing Greenville metro area to the State and National parks of Transylvania County. (see below unofficial counts and ADDT Graph)

Source: NCDOT Traffic Viewer

(https://ncdot.public.ms2soft.com/TDMS.UI Core/TrafficViewer/aadt/0880000123)

Count Year	Raw Volume		
2023	1,383		
2022	1,160		
2021	1,299		
2020	563		
2019	637		
2018	664		
	2023 2022 2021 2020 2019		



NCOT staff also confirmed that the multiple issues that were raised by the citizen group could be met by the mini roundabout, including the calming of the traffic flow by slowing traffic down at the entrance of the intersection on all sides, presenting a safer solution than a stop or signaled intersection. The mini roundabout would also allow the current businesses around the roundabout to maintain their current access. Mr. Wilson maintains that NCDOT is open to putting in those facilities if there is an agreement for some organization to maintain the facilities. Currently no organization has stepped forward to assist with that maintenance.

Mr. Wilson also informed staff that this is just the beginning of the planning process for the mini roundabout. NCDOT is still in the early phases, completing initial drawings and looking into the environmental issues that site work entails. There is a plan to allow public comment with a public input session later in the process, but it will not be scheduled until NCDOT is finished with their preliminary planning processes. Mr. Wilson also points out that this intersection has been in Transylvania County's Comprehensive Transportation Plan (CTP), as an active issue for years, and reminds residents that the CTP process provides residents an opportunity to address such issues in a timely manner. (see below first concept)



Mr. Wilson also stated there remains quite a bit of illegal parking and driveways around the intersection and throughout Cedar Mountain, which have not been granted NCDOT's permission. Such properties are using NCDOT Right of Way without official approval and using it as parking lots, which increases the safety concerns in the area.

Citizen Concerns

When citizens heard about the proposed mini roundabout, through many property owners receiving notice letters from NCDOT, they reached out to County Planning staff to inquire about steps they can take to find out the status of the plans. Citizens asked to have staff help coordinate a new meeting so they could express their concerns with the proposed plans to NCDOT and/or other leaders. Staff informed the citizens that they could always express their concerns at the next TAC meeting, which would include NCDOT officials and provides a public comment period for transportation matters.

Financial Impact: None

Strategic Plan Goal & Strategy:

<u>Goal 6:</u> "County government is service driven, transparent and performance based with more active and engaged citizens."

<u>Strategy 6E:</u> "Provide timely, accurate, transparent and informative communication to the public and across the organization with superior customer service delivery."

Recommendations: Staff has no recommendations at the time this memo was prepared as this update is intended to be informative with no known actionable items.

Attachment #1

From: Vicki Eastland < vicki.eastland@landofsky.org>

Sent: Friday, June 28, 2024 10:10 AM

To: Darby Terrell <Darby.Terrell@transylvaniacounty.org> **Subject:** FW: Cedar mountain Discussion with business owners.

Here is the document that the business owners shared at the first meeting with them and the

email I sent to Troy. I will get more for you but wanted to start with this.

It all started after a visit to Transylvania County by Secretary of State Elaine Marshall, she shared with Commissioner Chapman that some business owners in Cedar Mountain shared concerns about safety. Larry then reached out to them and me and now we are here.

More to come... Vicki

From: Vicki Eastland

Sent: Monday, June 26, 2023 4:44 PM

To: Troy Wilson <tswilson@ncdot.gov>; 'Steve WIlliams' <sjwilliams@ncdot.gov>

Subject: Cedar mountain Discussion

with business owners. Troy,

I met with Commissioner Chapman and several business owners in Cedar Mountain to hear some concerns they have about traffic and roadway conditions. I am sharing a document they shared with up as well as including a few snips from google maps to point out some areas of concern.

This is the culvert right before The Cedar Mountain Outpost coming from Brevard.





They would like this passing zone to be removed. There are several events at the Community Center and having cars trying to pass here is dangerous.

Also, the passing zones at the Cedar Mountain Country Store, and Creekside Grill is not ideal.





The comments on the second page of their handout:

- Speed limit appropriate for social district. I explained the speed is based on functional classification and roadway characteristics, but that I would ask if a reduction would be considered.
- Pedestrian safety (Crosswalks, signage etc....) I shared with them that for there to be a crosswalk there needs to be a sidewalk or path on both sides of the road, maybe signage for congested pedestrian area would be helpful.
- Rumble Strips, they mean the thermoplastic strips that get melted to the roadway before driveways, there are already rumble strips in the area. They would like these to warn pedestrians and alert drivers.
- I addressed the passing lanes.
- Parking safety and infrastructure needs. I explained to them that the parking along the roadway was in the DOT ROW. They would like Stop Bars to be Re=painted at stop signs.
- The split median sign is at the Cascade Lake Road intersection. As I was standing there 3 cars turned into the wrong lane, on-coming traffic lane from US 276 into Cascade Lake Rd. Long term I am submitting an intersection improvement for that location. Maybe a short-term fix is warranted.
- I shared with them that the CTP calls for bike lanes and the adopted Bike County Bike plan calls for Shared us path. The county would be responsible for the match for a path.

I told them I would get back in touch with them after I shared the information with NCDOT, also Commissioner Chapman is interested in what can be addressed in the short term.

Thanks for looking this over and I look forward to

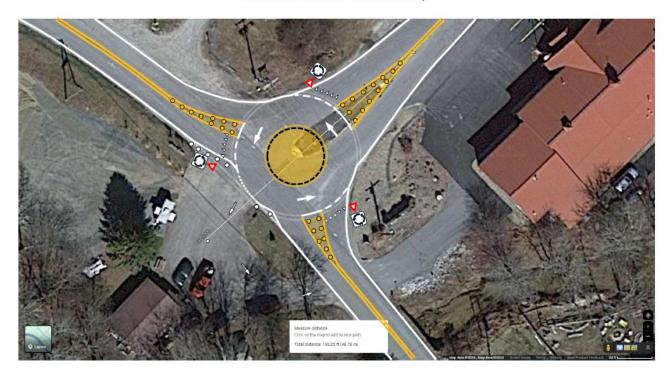
hearing back from you.

Vicki

Vicki Eastland Land of Sky RPO landofskyrpo.org 828-251-6622

Attachment #2

US 276 at SR 1536 Cascade Lake Road Concept

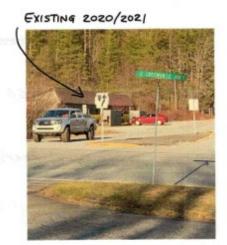


Attachment #3

DOT MEETING 6.14.23



OVERHEAD VIEW OF A BUSTLING CEDAR MOUNTAIN





OVERHEAD VIEW OF ROAD SAFETY CONCERNS

speed limit 45 mph
inadequate road markings/signs at intersection
no crosswalks or pedestrian safety on busy higway



ACCIDENT AT WHISTLESTOP 6.13.23



Businesses in Support of Changes

-Cedar Mountain Moonshine WES DEARBAUGH dear baughin @ OUTLOOK. COST

-Hiker & The Hound

-Cedar Mtn Café

-studio276 Art & co. Sarah dearbaugh 8288087210 Studio 276. art 2 gmall. (on

-Mountain Living Realty

-Cedar Mtn Fire & Rescue Candy gray 843-991-2734 LT. BRIAN MORGAN 828-676-4647

-Cedar Mtn Canteen

-Cedar Mountain Outpost CHRISTY BLAKELY 704936-9580 Christy & CMOUTPOST.

COM

-Whistlestop Market Chris Reynolds 704-591-1031

-Cedar Mountain Community Center - LEFF AMBROSE 303-763-538 - Velvet Cup NICK BUSBY, Kimberl, Ruosch 8285651252 The Velvetcupe

Needs & Concerns for Cedar Mountain:

- 1. Speed Limit that's appropriate for a social district.
- 2. Pedestrian safety (caution light, crossing walk, signage i.e Approaching intersection, etc.)
- 3. Rumble strips entering Cedar Mtn from North and South and approaching intersection from Dupont/Cascade Lake (if speed cannot be reduced)
- 4. Passing lanes coming into Cedar Mtn that ends AT the Community Center is extremely dangerous.
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- 7. Replacing split median signage -too many people turning into oncoming traffic
- 8. Improving split median upgrade with safety crosswalk lines
- 9. Community WISHES: Pedestrian walkways, sidewalks, footbridge to cross Highway 276

Thank you for your time meeting with us and addressing our growing community needs!

Attachment #4

RE: Dot letter.

Jeffrey Adams <Jeffrey.Adams@transylvaniacounty.org> Wed 6/12/2024 2:32 PM

To:Lucia Gerdes < lucia.gerdes@gmail.com> Cc:Darby Terrell < Darby.Terrell@transylvaniacounty.org>

Thank you for sharing this and we'll follow up with our contacts and see where this stands.

Nice to meet you today and thanks for participating in the 2050 process,

Jeff

From: Lucia Gerdes < lucia.gerdes@gmail.com> Sent: Wednesday, June 12, 2024 1:25 PM To: Jeffrey Adams < Jeffrey. Adams@transylvaniacounty.org> Subject: Dot letter.

You don't often get email from <u>lucia.ge</u>

From: Doug Poad <dapoadster@gmail.com> Date: June 18, 2024 at 12:47:12 PM EDT To: Jeffrey Adams < Jeffrey.Adams@transylvaniacounty.org>

Cc: Ken Klink <klink.elpoa@gmail.com> Subject: Cedar Mountain Roundabout

When you are up here tomorrow, I'd like to learn a bit more about the history of how this was proposed, reviewed, and approved.

"From: Larry Chapman <Larry.Chapman@transylvaniacounty.org>

Date: Wednesday, May 22, 2024 Subject: Cedar Mountain Update

Dear All,

Thank you for your inquiry and comments regarding the Dupont/Hwy 276 intersection. I have discussed this with Ms. Vicki Eastland and can provide this update.

As background information, the issue was raised by concerned citizens regarding the safety of the intersection, speeds through the area and some other issues last year. Vicki and I met with a number of business owners and citizens over the past number of months to gather additional information. This information was provided to NCDOT. Due to the serious concerns and issues that were raised by the business owners and citizens, we worked closely with NCDOT regarding the issues and concerns. It was determined that it would be a priority project and sources of funding were investigated and, as I understand, will be made available for the project.

The project has been fast tracked (almost unheard of in today's DOT projects) and is moving forward. There is a meeting in late June at NCDOT Division 14 HQ in Sylva to scope the project. This will involve input from engineers, designers, and environmental personnel regarding the project. As with any DOT project it involves numerous coordination with a number of state organizations.

No timelines have been finalized but it probably be at least 18 months before any construction can start based on all the preliminary work required.

We will keep you updated on the progress, and I am sure DOT will be reaching out to all property owners that may be impacted by the construction. I thank the citizens in the area for raising the concerns about traffic flow, speeds and other issues in the area and hopefully this new construction will address the intersection and reduce the speeds in part of the area.

Best reaards.

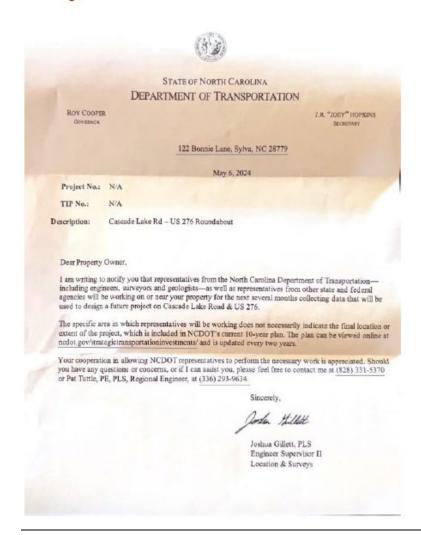
Larry

Larry L. Chapman - Commissioner Transylvania County Board of Commissioners 101. S. Broad St., Brevard , NC 28712

Office: (828) 884-3271"

Thanks,

Doug



Question 1: How'd this come about?

US 276 has been identified in the Transylvania County CTP its *Recommendation* Improve alignment, lane widths, and shoulders to current design standards, including 5-foot paved shoulders and would include this intersection. Modernization to improve existing to current design standards.

DuPont State Recreational Forrest has continued to see growth and grown in popularity. Currently more than a Million people visit DSRF each year and this level of visitation is expected to continue to grow.

Due to this increased growth in traffic and pedestrian activity local business owners approached Transylvania County Commissioners. There has been an increase in commercial business in this area.

- Intersection improvements were brought up by the local business owners.
- A Transylvania County Commissioner worked with Land of Sky Rural Planning Organization before approaching NCDOT for assistance.
- The concerns presented were vehicle speeds and bicycle/pedestrian activity that business owners see on a regular basis.
- What we investigated and evaluated
- We are reviewing the speed limit along US 276 in Cedar Mountain. I believe this may be the 4th time we have reviewed since I've became the DTE in 2016. In previous reviews, lowering it below 45 was not warranted. The speed limit was lowered in 2001 from 55 MPH to 45 MPH to address some of the same concerns being raised.
- The stop bars we can add to our specialty markings list. We have a lot on the list, so it will take some time to complete the work. Also, the stop bar will be beneficial to help vehicles to keep right of the island.
- We'll schedule the Keep Right sign to be installed.
- The thermoplastic strips in the roadway are only used for stop conditions on approach to stop signs. They are not installed for pedestrian crossings or to slow drivers down coming into a community. />l,, m
- Our office will review the passing zone.
- There is not any existing sidewalk, so safety funds cannot be used for connectivity purposes. If the County, community and businesses want to join together to create walking/biking paths with a designated area to cross the roadway, then our office would review placing a marked crosswalk in the roadway. I would suggest sharing any concepts with NCDOT before implementing.
- What we did

• Keep Right, Stop Bar and Straight Arrow - Completed 10/19/23

•

Question 2: What are current plans?

- The design has not started yet.
- The project is waiting for Board of Transportation approval which the project should be approved for release of funds in August.
- The design firm will be developing a mini-roundabout design.
- Bicycle/pedestrian accommodations will be evaluated during design.
- There will be new signage for the mini roundabout.

Question 3: Impacts to businesses?

- NCDOT anticipates minimal impacts to businesses.
- The final design plans will determine the impacts.

DuPont State Recreational Forest Data and Statistics

DuPont State Recreational Forest (DSRF) Annual Legislative Reports

- Fiscal Year 2022
- Fiscal Year 2021
- · Fiscal Year 2020



DSRF has continually grown in popularity. Currently more than a million people visit DSRF each year, and this level of visitation is expected to continue to grow.

Jeff Adams, Director Ashley Minery, Planner Darby Terrell, Planner



106 East Morgan Street, Suite 207 Brevard, NC 28712 828-884-3205 planning.transylvaniacounty.org

Agenda Item: II-A/B

Memorandum

From: Darby Terrell, Planner

To: Transylvania County Transportation Advisory Committee

Date: July 2nd, 2024

Meeting Date: July 9th, 2024

Subject: Orientational Meeting A and B

Contact Info: darby.terrell@transylvaniacounty.org or (828)884-1870

1. Transportation Advisory Committee Outline

Attachment(s):

2. RPO FAQ Document

3. SPOT-STIP Process Summary

Purpose: Reviewing the responsibilities of the Transportation Advisory Committee

at the beginning of the new fiscal year.

Background: The Committee will be given a short review of their responsibilities during

the Organizational Meeting.

Financial Impact: None

Strategic Plan Goal

& Strategy:

Goal 6: "County government is service driven, transparent and performance

based with more active and engaged citizens."

<u>Strategy 6E:</u> "Provide timely, accurate, transparent and informative communication to the public and across the organization with superior

customer service delivery."

Recommendations: Staff has no recommendations at this time for the Transylvania County Transportation

Advisory Committee.

The Transylvania County Transportation Advisory Committee is an advisory board to the Transylvania County Commissioners, with representation from the City of Brevard, and the Town of Rosman. The Transylvania County Transportation Advisory Committee or TAC is responsible for the following:

- Reviews current road conditions.
- Advises the County Board of Commissioners and the NC Department of Transportation (DOT).
- Participates in transportation project prioritization in Transylvania County as part of the North Carolina's State Transportation Improvement Program. (NC DOT Division 14).
- Participates in the development of the County's Comprehensive Transportation Plan every five to ten years.
- Considers alternate transportation projects including pedestrian, bicycling, and greenway trails.

The Transportation Advisory Committee (TAC) meets the 2nd Tuesday in:

- January
- April
- July
- October

in the Commissioners' Chambers located at 101 S. Broad Street in the Administration Building at 7:00pm. Special meetings are held as needed to prioritize transportation projects for funding through the SPOT process.

Rural Planning Organization (RPO) Explanation

What is a Rural Planning Organization (RPO)?

The establishment of Rural Transportation Planning Organizations (RPOs) is similar in concept to the urban Metropolitan Transportation Planning Organizations (MPOs). The RPOs provide rural areas the opportunity to work in partnership with the North Carolina Department of Transportation toward development of sound, short-range and long-range transportation planning for rural areas.

In 1998 Congress recognized the transportation needs of the rural areas and presented similar opportunities afforded the urban areas as part of the statewide planning provisions of the Transportation Equity Act for the 21st Century (TEA-21). TEA-21 calls for enhanced consultation with rural local officials and encourages states to use existing regional development organizations to facilitate the participation of elected officials.

Locally based rural transportation planning gives communities the opportunity to make transportation investment decisions that enhance economic and community development goals. Metropolitan Planning Organizations (MPOs) have the federal authority to implement their plans, but the Rural Planning Organizations (RPOs) are voluntary in North Carolina and have been given authority by the state.

What are the major functions of an RPO?

- Rural Transportation Planning Organizations have four core functions:
- Developing, in cooperation with the Department, long-range local and regional multimodal transportation plans.
- Providing a forum for public participation in the transportation planning process.
- Developing and prioritizing suggestions for transportation projects the organization believes should be included in the State's Transportation Improvement Program.
- Providing transportation-related information to local governments and other interested organizations and persons.

What are some of the products of RPO planning?

- Planning Work Program An annual program of planning activities and programmed expenditures of federal planning funds.
- Priority Needs List A listing of local priorities for transportation improvements that are submitted to the state of North Carolina for consideration in the development of the Transportation Improvement Program (TIP).

How were RPOs established?

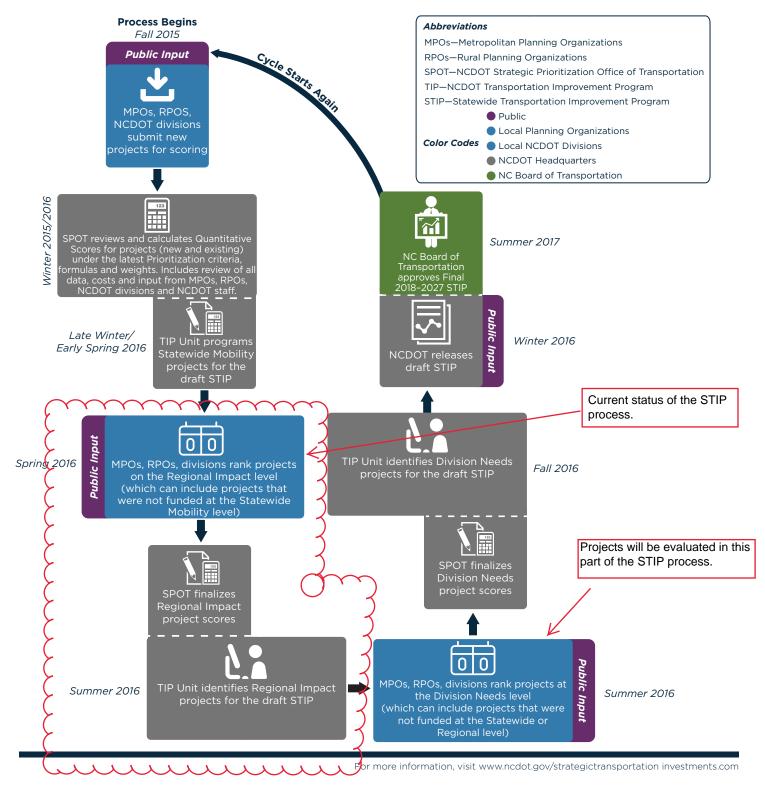
The 1997-98 Session of the North Carolina General Assembly ratified the Board of Transportation Reform Bill (House Bill 1304) mandating the Board, with the assistance of the Secretary and the NCDOT, to develop a plan to establish Rural Planning Organizations (RPOs) as a counterpart to the existing MPOs. The purpose of these RPOs is to give the rural areas of the state a voice in transportation issues that they have lacked in the past.

The 1999 Session of the North Carolina General Assembly ratified Senate Bill 1195, an act to authorize the Department of Transportation, in cooperation with local elected officials, to establish rural transportation planning organizations to plan rural transportation systems and to advise the department on rural transportation policy.



STATE TRANSPORTATION IMPROVEMENT PROGRAM DEVELOPMENT

The State Transportation Improvement Program (STIP) is the North Carolina Department of Transportation's (NCDOT) 10-year construction schedule for projects. The schedule is updated every two years based on a data-driven process called Prioritization, as well as the latest state and federal financial situation and the status of preconstruction activities. Schedule development must adhere to the Strategic Transportation Investments (STI) law which mandates ongoing evaluation and improvement to ensure the process continues to be responsive to North Carolina's diverse needs. Developing a STIP is accomplished though ongoing collaboration with our regional planning partners—metropolitan and rural planning organizations—and public input is a key component.



STRATEGIC TRANSPORTATION INVESTMENTS LAW

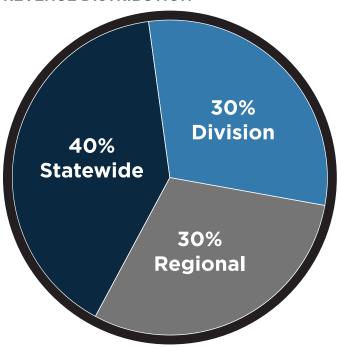
Passed in 2013, the Strategic Transportation Investments Law (STI) allows NCDOT to use its funding more efficiently and effectively to enhance the state's infrastructure, while supporting economic growth, job creation and a higher quality of life. This process encourages thinking from a statewide and regional perspective, while also providing flexibility to address local needs.

STI established the Strategic Mobility Formula, which allocates available revenues based on data-driven scoring and local input. It was used for the first time to develop NCDOT's the 2016–2025 State Transportation Improvement Program (STIP), which schedules the projects that will be funded during a 10-year period. While federal law requires it to be updated at least every four years, NCDOT updates the STIP every two years.

PRIORITIZATION

NCDOT uses a transparent, data-driven method for prioritizing transportation investment decisions. Through the process, called Prioritization, potential transportation improvement projects are submitted to NCDOT to be scored and ranked through the Strategic Mobility Formula at the statewide, regional and division levels, based on approved criteria such as safety, congestion, benefit-cost and local priorities. These scores and other factors are used to determine whether a project receives funding. Project prioritization occurs every two years. The current round of Prioritization is referred to as P4.0, because it is the fourth iteration of this process.

REVENUE DISTRIBUTION



HOW THE STRATEGIC MOBILITY FORMULA WORKS

The Strategic Mobility Formula funds projects in three categories:

- Division Needs
- Regional Impact
- · Statewide Mobility

Division Needs

Projects in this category receive 30 percent of the available revenue, shared equally over NCDOT's 14 transportation divisions, which are groupings of local counties. Project scores are based 50 percent on data and 50 percent on rankings by local planning organizations and the NCDOT transportation divisions.

Highway projects in this category are analyzed according to five criteria:

- Congestion (15 percent)
- Benefit/cost (15 percent)
- Safety (10 percent)
- Freight and military) (5 percent)
- Accessibility/Connectivity (5 percent)

Regional Impact

Projects in this category receive 30 percent of available revenue. Projects on this level compete within regions made up of two NCDOT transportation divisions, with funding divided among the regions based on population. Data makes up 70 percent of the project scores in this category. Local rankings account for the remaining 30 percent.

Regional Impact projects are analyzed according to five criteria:

- Congestion (20 percent)
- Benefit/cost (20 percent)
- Safety (10 percent)
- Accessibility/connectivity (10 percent)
- Freight and military (10 percent)

Statewide Mobility

Projects in this category receive 40 percent of available revenue. The project selection process is based 100 percent on data.

Statewide Mobility projects are analyzed according to six criteria:

- Congestion (30 percent)
- Benefit/cost (25 percent)
- Economic competitiveness (10 percent)
- Safety (15 percent)
- Multimodal and military (5 percent)
- Freight and mobility (15 percent)

Alternate Criteria

To provide more flexibility, STI allows regions and divisions to develop alternate criteria tailored to their individual needs. To do so, the metropolitan and rural planning organizations and the NCDOT divisions within the region must unanimously agree on the criteria.

Jeff Adams, Director Ashley Minery, Planner Darby Terrell, Planner



106 East Morgan Street, Suite 207 Brevard, NC 28712 828-884-3205 planning.transylvaniacounty.org

Agenda Item: V-A

Memorandum

From: Darby Terrell, Planner

To: Transylvania County Transportation Advisory Committee

Date: July 2nd, 2024

Meeting Date: July 9th, 2024

Subject: Approve the October 10th, 2023 Minutes

Contact Info: darby.terrell@transylvaniacounty.org or (828)884-1870

Attachment(s): 1. October 10th, 2024, Regular Meeting Minutes

Purpose: Review and approve the regular meeting minutes from JOctboer 10th, 2024

Transportation Advisory Committee Meeting.

Background: Meeting minutes are prepared after each TAC meeting and submitted to

the Committee for their review and approval in accordance with North

Carolina Open meeting law.

Financial Impact: None

Strategic Plan Goal

& Strategy:

Goal 6: "County government is service driven, transparent and performance

based with more active and engaged citizens."

Strategy 6E: "Provide timely, accurate, transparent and informative

communication to the public and across the organization with superior

customer service delivery."

Recommendations: Staff recommends the Transylvania County Transportation Advisory Committee

review and approve, or approve with modifications, the regular meeting minutes from the October 10th 2024.

Jeff Adams, Director Darby Terrell, Planner Ashley Minery, Planner



106 East Morgan Street, Suite 207 Brevard, NC 28712 828.884.3205 planning.transylvaniacounty.org

TRANSYLVANIA COUNTY TRANSPORTATION ADVISORY COMMITTEE MINUTES October 10, 2023, 6:00 PM

- I. Welcome: The meeting was called to order at 6:00 PM. Mr. David Carter, Mr. Howie Granat, Mr. Jimmy Whitmire, Mr. Scott McCall, Mr. Keith Wilmont, Mr. James Felty were present. Mr. Troy Wilson, Mr. Steve Williams, and Mr. Rusty Darnell from North Carolina DOT also attended. Ms. Vicki Eastland, representative of the Land of Sky RPO was also present. Transylvania County staff present was Mr. Jeff Adams, Director of the Planning and Community Development Department. There were no members of the public present, including the media.
- II. Public Comment: There were no public comments.
- III. Agenda Modifications: No amendments were made.

IV. Consent Agenda:

A. Minutes (Special Meeting August 8, 2023)

The Chair, Mr. Carter, requested a motion to approve the special August 8, 2023 meeting minutes. Mr. Keith Wilmont motioned to approve the minutes as presented, seconded by Mr. Howard Granat. The motion passed unanimously.

V. Old Business:

A. NCDOT State Transportation Improvement Program (STIP) Update:

Ms. Eastland gave an update on the program was adopted on August 14th, and now are focused on submitting projects to NCDOT for next year. Ms. Eastland stated that going forward this does not need to be on the agenda.

B. NCDOT Current Projects Update

Mr. Steve Williams of NCDOT gave an update to the Committee on current construction and upcoming construction projects. The updates Most of the construction updates are nearing completion if not completed. Mr. Williams mentioned that some of the dates for construction have been pushed back. Mr. Williams did inform the committee the Davidson River Pedestrian bridge has been started and he did not have a finish date for them at this time. Members asked clarifying questions about specific projects to the NCDOT staff.

Transylvania County, October 2023, Project Development Update					
Project ID	County	Description	R/W Acq Begins	Let Date	Project Manager
BP14.R022	TRANSYLVANIA	Replace Bridge #11 on SR1559 over Walker Creek	2/11/2024	2/11/2025	Zach Shuler
BP14.R012	TRANSYLVANIA	Replace B-5972 over trib to Tucker Creek on SR 1324	11/13/2026	1/25/2028	Zach Shuler
17BP.14.R.181	TRANSYLVANIA	Bridge NO. 61 on SR 1309 (Silversteen Rd.) over Parker Creek.	1/15/2021	1/9/2024	Zach Shuler
17BP.14.R.183	TRANSYLVANIA	West Fork French Broad River on SR 1309 (Silversteen Rd.)		11/14/2023	Zach Shuler
BP14.R039	TRANSYLVANIA	Replace Bridge 76 on SR1135 over Brown Mill Creek	11/11/2024	11/11/2025	Zach Shuler
HB-0026	TRANSYLVANIA	REPLACE BRIDGE 870030 OVER FRENCH BROAD RIVER ON SR 1533 (EVERETT ROAD)	5/15/2024	1/19/2027	Zach Shuler
EB-6037B	TRANSYLVANIA	ECUSTA RAIL TRAIL	9/30/2021	Not Programmed	Lonnie Watkins
R-5763	TRANSYLVANIA	SR 1540 (WILSON ROAD)FROM SR 1504 (OLD US 64) TO US 276.UPGRADE ROADWAY	3/21/2022	11/19/2024	Barry Mosteller
R-5799	TRANSYLVANIA	INTERSECTIONS OF US 64, US 276 and NC 280 CONSTRUCT INTERSECTION IMPROVEMENTS.	8/19/2021	11/21/2023	Barry Mosteller
R-5800	TRANSYLVANIA	US 64 FROM US 276, FORTUNE COVE RD TO US 64 BUSINESS (N. CALDWELL ST). CONSTRUCT MEDIAN AND ACCESS CONTROL MEASURES.	3/1/2023	4/15/2025	Barry Mosteller
HA-0002	TRANSYLVANIA	MOUNTAIN INDUSTRIAL DRIVE EXTENSION CONSTRUCT ROAD EXTENSION IN JENNINGS INDUSTRIAL PARK.	4/7/2022	1/23/2024	Garrett Higdon
HF-0004	TRANSYLVANIA	US276, INSTALL GUARDRAIL AND CONSTRUCT SIDEWALK AND INSTALL GUARDRAIL FROM SLIDING ROCK TO PROPOSED OFF-SITE PARKING		9/22/2026	Garrett Higdon

LOSRPO, NCDOT, Construction Updates, October 2023						
County	TIP#	Route	Location Description	Completion Date	Revised Completion Date	Completion Percent
,	R-5605	US-64	·	4/30/2018	12/1/2023	92%
	R-5794I, U- 5104	US-64	US 64 BUS S. CALDWELL ST APPROXIMATELY 70 FEET SOUTH OF INT WITH BRACKEN LN, US 64 FROM JUST WEST OF BREVARD ACADEMY	6/25/2023	10/21/2023	84%
Transylvania		US-64	RESURFACING ON US 64 (ROSMAN HWY) AND VARIOUS SECONDARY ROUTES THROUGHOUT TRANSYLVANIA COUNTY	10/15/2023		16%
Transylvania	B-5550	SR 1351	BRIDGE OVER KING CREEK ON SR 1351 (RAILROAD AVE.)	6/14/2024		55%
Transylvania	EB-5858	US 276	PEDESTRIAN BRIDGE ACROSS DAVIDSON RIVER			0%

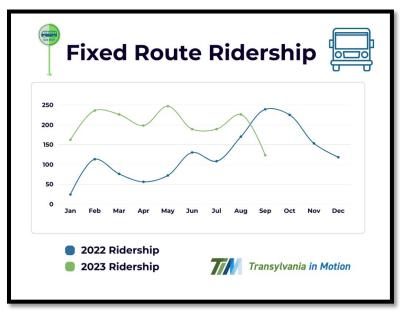
Mr. Adams informed the Committee there is a link to NCDOT's website that shows in real time all the projects on a map with information on the county's <u>website</u>.

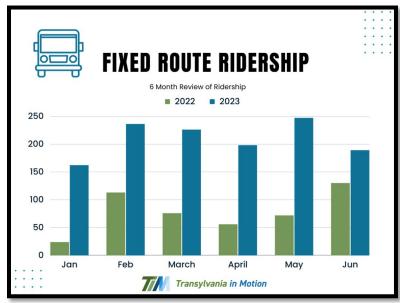
C. <u>Transylvania County Comprehensive Transportation Plan (CTP) Update:</u> Ms. Eastland informed the Committee the document is still being drafted, she has been sent multiple updates on the document and is in contact with NCDOT. Ms. Eastland believes it will be the first of the year before the final draft is ready to be sent out.

VI. New Business:

A. Staff Report:

Mr. Adams updated the committee on the need of van drivers for the transit program, and asked for the help of the committee to get the word out to those who would be interested in driving for the county. Mr. Adams briefly went over the graphs put together by staff on the Fixed Route ridership. Please see below. Ms. Eastland had an event for the following day that she advertised to the committee.





VII. Public Comment:

There were no public comments.

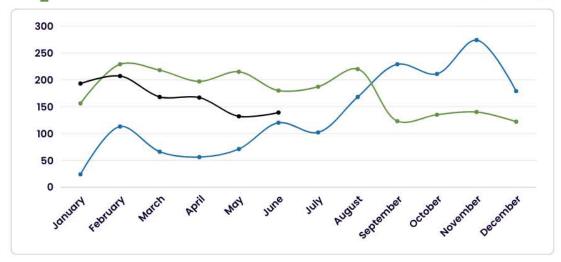
VIII. Committee Members' Comments:

<u>Jimmy Whitmire:</u> Mr. Whitmire wanted to thank NCDOT for addressing two of his concerns. Mr. Whitmire then informed NCDOT staff about issues he has seen that he would like to be addressed or questions on how they could improve the roads. Mr. Whitmire then discussed the need to make it known the rules of becoming a pedestrian with bicyclists. Multiple members discussed this issue.

James Felty: Mr. Felty discu who has the right of way w			h people driving who ignore
Members then discussed th	eir dealings wit	h the roundabouts.	
Keith Wilmont: Mr. Wilmon after finishing up the road w		an update on the Rosman	Highway pedestrian plan
Mr. Wilmont moved to adjo members voted in favor, an			
Darby Terrell, Planner	Date	 Chair	 Date

Fixed Route Ridership



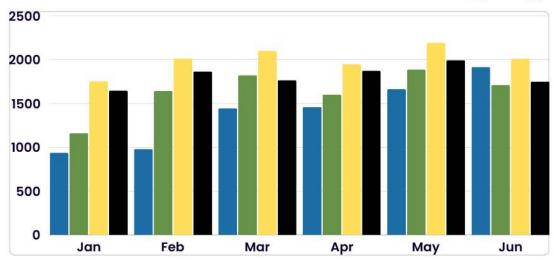


- 2022 Ridership
- 2023 Ridership
- 2024 Ridership



Demand Response Ridership





- 2021 Ridership
 - 2024 Ridership
- 2022 Ridership
- 2023 Ridership

Transylvania in Motion

Jeffery Adams, Director Ashley Minery, Planner Darby Terrell, Planner



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Agenda Item: VII-A

Memorandum

From: Darby Terrell, Planner

To: Transylvania County Transportation Advisory Committee

Date: July 2nd, 2024

Meeting Date: July 9th, 2024

Subject: NCDOT STIP Program/SPOT 7.0 Prioritization Update

Contact Info: darby.terrell@transylvaniacounty.org or (828)884-1870

Attachment(s): None

Purpose: Receive an update on the North Carolina State Transportation Improvement

Plan and SPOT 7.0 Prioritization from Vicki Eastalnd, Land of Sky RPO, and Mr. Steve Williams, NCDOT Division 14 Planning Engineer, and Troy Wilson, Division

14 District 1 Engineer.

Background: This is a routine update for the committee to stay informed on the status of

future transportation projects and NCDOT funding statuses as it pertains to Transylvania County. Ms. Eastland will inform the Committee on where the SPOT 7.0 or Prioritization process is currently, as well as remind everyone this is the process that NCDOT uses to select County Road improvement projects. There are multiple ways for projects to be picked up and funded, most of which

for Transylvania County will be under Regional or Division Needs sections.

Financial Impact: None

Strategic Plan Goal

& Strategy:

Goal 6: "County government is service driven, transparent and performance

based with more active and engaged citizens."

<u>Strategy 6E:</u> "Provide timely, accurate, transparent and informative communication to the public and across the organization with superior

customer service delivery."

Recommendations: Staff has no recommendations at the time this memo was prepared as this

update is intended to be informative with no known actionable items.

Jeffery Adams, Director Ashley Minery, Planner Darby Terrell, Planner



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Agenda Item: VII-B

Memorandum

From: Darby Terrell, Planner

To: Transylvania County Transportation Advisory Committee

Date: July 2nd, 2024

Meeting Date: July 9th, 2024

Subject: NCDOT Current Project Update

Contact Info: darby.terrell@transylvaniacounty.org or (828)884-1870

Attachment(s): 1. LOSRPO, Division 14, Transylvania County, Construction Updates, June,

2024

2. LOSRPO, Division 14, Transylvania County, Project Development

Updates, June, 2024

Purpose: Receive an update from Mr. Steve Williams, NCDOT Division 14 Planning

Engineer, and Troy Wilson, Division 14 District 1 Engineer, about current

transportation project statuses.

Background: Mr. Williams and Mr. Wilson will provide the committee status updates for

transportation projects that are already funded or are already under

construction as they pertain to Transylvania County.

Financial Impact: None

Strategic Plan Goal

& Strategy:

Goal 6: "County government is service driven, transparent and performance

based with more active and engaged citizens."

Strategy 6E: "Provide timely, accurate, transparent and informative

 $communication\ to\ the\ public\ and\ across\ the\ organization\ with\ superior$

customer service delivery."

Recommendations: Staff has no recommendations at the time this memo was prepared as this

update is intended to be informative with no known actionable items.

Attachment 1

LOSRPO, NCDOT Division 14, Transylvania County, Construction Updates, June, 2024

County	TIP#	Route	Location Description	Completion Date	Revised Completion Date	Completion Percent
	R-5794I, U-		US 64 BUS S. CALDWELL ST APPROXIMATELY 70 FEET SOUTH OF INT WITH BRACKEN LN, US 64 FROM JUST			
Transylvania	5104	US-64	WEST OF BREVARD ACADEMY	6/25/2023	10/21/2023	84%
Transylvania	R-5799	US-64	INTERSECTIONS OF US-64 / US-276 (HENDERSONVILLE HWY), AND US -64 / NC-280 (ASHEVILLE HWY).	5/14/2027		10%
			RESURFACING ON US 64 (ROSMAN HWY) AND VARIOUS SECONDARY ROUTES THROUGHOUT			
Transylvania		US-64	TRANSYLVANIA COUNTY	10/15/2023		77%
Transylvania		SR 1309	BRIDGE NO. 63 OVER WEST FORK OF FRENCH BROAD RIVER ON SR 130 9 (SILVERSTEEN ROAD)	5/15/2025		23%
Transylvania	HA-0002	SR 1615	SR 1615 (MOUNTAIN INDUSTRIAL DRIVE) ROAD EXTENSION IN JENNINGS INDUSTRIAL PARK	10/19/2024		27%
Transylvania	EB-5858	US 276	PEDESTRIAN BRIDGE ACROSS DAVIDSON RIVER	4/11/2025		39%

Attachment 2

LOSRPO, Division 14, Transylvania County, June, 2024, Project Development Update

			R/W Acq		
Project ID	County	Description	Begins	Let Date	Project Manager
BN-0011	TRANSYLVANIA	CONSTRUCT MULTI-USE PATH (ESTATOE TRAIL) FROM CASHIERS VALLEY ROAD TO US HIGHWAY 64		2/11/2025	
BP14-R012	TRANSYLVANIA	Replace Bridge on SR 1324 (Tanasee Gap Rd.) over UT to Tucker Creek	11/13/2026	1/25/2028	Zach Shuler
BP14-R022	TRANSYLVANIA	Replace Bridge on SR 1559 (Solomon Jones/YMCA Camp Rd.) over Walker Creek	2/11/2024	2/11/2027	Zach Shuler
BP14-R039	TRANSYLVANIA	Replace Bridge over French Broad River on SR 1135 (Old Turnpike Rd.)	11/11/2024	11/11/2025	Zach Shuler
BR-0252	TRANSYLVANIA	REPLACE 4 TIMBER BRIDGES: BRIDGE 133 OVER WALKER CREEK ON SR 1557 (HASKELL JONES ROAD); BRIDGE 160 OVER RICHLAND CREEK ON SR 1312 (RICHLAND CREEK ROAD); BRIDGE 161 OVER NORTH FORK FLAT CREEK ON SR 1319 (HOMER MCCALL ROAD); AND BRIDGE 189 OVER SHOAL CREEK ON SR 1141 (BABB R	1/30/2024	12/15/2024	Zach Shuler
HB-0026	TRANSYLVANIA	REPLACE BRIDGE 870030 OVER FRENCH BROAD RIVER ON SR 1533 (EVERETT ROAD)	5/15/2024	10/19/2027	Zach Shuler
EB-6037B	TRANSYLVANIA	ECUSTA RAIL TRAIL	9/30/2021	FY 2026	Lonnie Watkins
R-5763	TRANSYLVANIA	SR 1540 (WILSON ROAD)FROM SR 1504 (OLD US 64) TO US 276.UPGRADE ROADWAY	3/21/2022	9/16/2025	Barry Mosteller
R-5800	TRANSYLVANIA	US 64 FROM US 276, FORTUNE COVE RD TO US 64 BUSINESS (N. CALDWELL ST). CONSTRUCT MEDIAN AND ACCESS CONTROL MEASURES.	3/1/2023	10/20/2026	Barry Mosteller
R-5865	TRANSYLVANIA	US 276 FROM US 64 TO AVERY CREEK TRAIL HEAD. WIDEN TO 3-LANES WITH BICYCLE LANES.	1/1/2040	1/1/2040	Barry Mosteller
R-5882	TRANSYLVANIA	US 64 (S. BROAD ST.), US 64 BUSINESS (S. CALDWELL ST.), SR 1116 (N. COUNTRY CLUB ROAD), IMPORVE INTERSECTION ALIGNMENT	7/21/2028	PE Only	Kenneth McDowell
R-5919	TRANSYLVANIA	US 178 (EAST MAIN STREET) AT SR 1156 (MAIN STREET) IN ROSMAN TO SR 1133 (MIDDLEFORK ROAD) MODERNIZE ROADWAY.	10/12/2028	PE Only	Barry Mosteller
HF-0004	TRANSYLVANIA	US276, INSTALL GUARDRAIL AND CONSTRUCT SIDEWALK FROM SLIDING ROCK TO PROPOSED OFF-SITE PARKING		9/22/2026	Garrett Higdon
HS-2014M	TRANSYLVANIA	US 64 (ASHEVILLE HIGHWAY) AT SR 1592 (HOSPITAL DRIVE/STRAUS PARKWAY). INSTALL PEDESTRIAN SIGNALS, CROSSWALK, CURB RAMPS, AND SHORT SEGMENT OF SIDEWALK.		6/25/2024	Garrett Higdon
HS-2014AC	TRANSYLVANIA	INSTALL TRAFFICE SIGNAL WITH PEDESTRIAN SIGNALS at US 276 (GREENVILLE HIGHWAY) / SR 1118 (GALLIMORE ROAD)		8/27/2024	

Jeffery Adams, Director Ashley Minery, Planner Darby Terrell, Planner



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Agenda Item: VII-C

Memorandum

From: Darby Terrell, Planner

To: Transylvania County Transportation Advisory Committee

Date: July 2nd, 2024

Meeting Date: July 9th, 2024

Subject: Transylvania County Comprehensive Transportation Plan (CTP) Update

Contact Info: darby.terrell@transylvaniacounty.org or (828)884-1870

Attachment(s): None

Purpose: Receive an update from Ms. Vicki Eastland, Land of Sky RPO and/or Daniel

Sellers, NCDOT Planning Division on the status of the Transylvania County CTP.

Background: Ms. Eastland and/or Mr. Sellers will provide the committee with an update on

how far along the process the CTP draft document has come along as well as

the next steps for the Committee.

Financial Impact: None

Strategic Plan Goal

& Strategy:

Goal 6: "County government is service driven, transparent and performance

based with more active and engaged citizens."

<u>Strategy 6E:</u> "Provide timely, accurate, transparent and informative communication to the public and across the organization with superior

customer service delivery."

Recommendations: Staff has no recommendations at the time this memo was prepared as this

update is intended to be informative with no known actionable items.