



Western Piedmont Council of Governments

Greater Hickory Metropolitan Planning Organization

Transportation Advisory Committee (TAC)

Wednesday, May 29, 2024, 2:30 PM

WPCOG Offices—1880 2nd Ave NW

wpcog.org/metropolitan-planning-org

| Agenda Item | Presenter | Attachment | Action |
|--|--------------------|--------------------------------|----------------------------|
| Call to Order /Ethics Awareness/ Introductions | Bruce Eckard | | |
| Minutes of March 27, 2024 Meeting | Bruce Eckard | Attachment I | Approve Minutes |
| Transportation Improvement Program Revisions for Approval | Averi Ritchie | Attachment II | Adopt by Resolution |
| Transportation Improvement Program Revisions for Release | Averi Ritchie | Attachment III | Release for Public Comment |
| Introduction to Regional Comprehensive Highway Safety Plan | Jordan Powell, VHB | Attachment IV | Discussion Item |
| Prioritization—Statewide Tier Scores | Averi Ritchie | Attachment V | Release for Public Comment |
| Locally Administered Project Program Application Scores | Daniel Odom | Attachment VI | Release for Public Comment |
| 5307, 5339, and 5310 Funding STIP Updates | Averi Ritchie | Attachment VII | Adopt by Resolution |

| | |
|----------------------------------|----------------------------|
| NCDOT Board Updates | Brad Lail, Meagan Phillips |
| Division 11 | Michael Poe |
| Division 12 | Mark Stafford |
| Division 13 | Tim Anderson |
| Transportation Planning Division | Reuben Crummy |
| Integrated Mobility Division | Alexius Farris |
| Reminders | Averi Ritchie |
| Public Comment / Announcements | Bruce Eckard |
| Adjournment | Bruce Eckard |
| Next Meeting: June 26, 2024 | |



**GREATER HICKORY
METROPOLITAN PLANNING ORGANIZATION (MPO)**
1880 2nd Avenue NW, PO Box 9026
Hickory, NC 28603



MINUTES
GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION (GHMPO)
METROPOLITAN TRANSPORTATION ADVISORY COMMITTEE (TAC)
Wednesday, March 27th, 2024 @ 2:30 pm,
In-person meeting and via Zoom

| Present | | | Absent | | |
|--|-----------|---|--------------------|-----------|-----------------------------------|
| First Name | Last Name | Representing | First Name | Last Name | Representing |
| Bruce | Eckard | City of Conover | Phil | Smith | Burke County |
| Fore | Rembert | Town of Maiden | Jack | Simms | Town of Taylorsville |
| Barbara | Beatty | Catawba County | Genita | Hill | Town of Longview |
| Barry | Mitchell | Town of Hudson | Ike | Perkins | City of Lenoir |
| Jill | Patton | City of Hickory | Hank | Guess | City of Hickory |
| Jody | York | Town of Hildebran | VACANT | | Glen Alpine |
| Martin | Townsend | Town of Granite Falls | VACANT | | Alexander County |
| Les | Morrow | City of Claremont | VACANT | | Long View |
| Roy | Johnson | City of Newton | VACANT | | Brookford |
| Glenn | Harvey | Town of Valdese | VACANT | | Caldwell County |
| Roy | Johnson | City of Newton | VACANT | | Cedar Rock |
| Richard | Andrews | Town of Cahah's Mtn | VACANT | | Connelly Springs |
| Donna | Price | Town of Rhodhiss | VACANT | | Drexel |
| Wendy | Cato | City of Morganton | VACANT | | Gamewell |
| | | | VACANT | | Glen Alpine |
| | | | VACANT | | Rutherford College |
| | | | VACANT | | Sawmills |
| WPCOG, FHWA, NC Board of Transportation, & Guests | | | NCDOT Staff | | |
| | | Anthony Starr -- WPCOG | | | Sean Sizemore – Division 11 |
| | | Alison Adams -- WPCOG | | | Dean Ledbetter – Division 11 & 12 |
| | | Averi Ritchie - WPCOG | | | Kenny Heavner – Division 11 |
| | | Daniel Odom - WPCOG | | | Michael Poe – Division 11 |
| | | Duncan Cavanaugh -- WPCOG | | | Mark Stafford – Division 12 |
| | | Casey Fulbright -- WPCOG | | | Travis Jordan – Division 12 |
| | | Michael Bowman -- WPRTA | | | Hannah Smith - Division 13 |
| | | Loretta Barren -- FHWA | | | Tim Anderson – Division 13 |
| | | Meagan Phillips – NCDOT Board of Transportation | | | Reuben Crummy – NCDOT TPD |
| | | Chris Jernigan – City of Morganton | | | Jason Myers – NCDOT Rail Division |
| | | Janet Winkler – Town of Hudson | | | |
| | | Butch McSwain – City of Morganton | | | |
| | | Barbara Wetsig Lynam – Waiting for the Train | | | |

Order / Ethics Awareness / Introductions – Chairman Eckard called the meeting to order at 2:43 PM and announced a quorum was present. Eckard reminded attendees of the Ethics Awareness Policy. The meeting proceeded with introductions around the room. Online participants included:

Action Items:

- I. **Approval of Minutes:** Chairman Eckard called for a motion to approve the TAC Minutes from February 28th, 2024. Upon a motion from Ms. Patton and a second from Mr. Townsend, the Committee unanimously voted to approve the minutes from February 28th, 2024.
- II. **Transportation Improvement Program Revisions for Approval:** Ms. Ritchie presented Transportation Improvement Program (TIP) revisions for approval. Revisions include the delay of I-5891B, bridge rehabilitation in Burke County, and R-3603A in Catawba and Alexander

Counties. Upon a motion by Ms. Patton and a second by Ms. Cato, the revisions were approved unanimously.

- III. **Transportation Improvement Program Revisions for Release:** Ms. Ritchie presented TIP revisions for release. Ms. Ritchie presented TIP revisions for release. These revisions included several delays for Locally Selected and administered projects within the region.
- IV. **WNC Passenger Rail Service – Salisbury to Asheville Corridor:** Mr. Jason Myers, NCDOT Rail Programs Manager provided an informational update on the Salisbury to Asheville Rail Corridor. Mr. Myers reviewed the process that could lead to the construction of the Salisbury to Asheville Corridor. The Salisbury to Asheville Corridor has been selected and awarded funding through the Corridor Identification and Development Program, which awards up to \$500,000 for the scoping of the Salisbury to Asheville project, divided into 3 stages. The CID stage 1 of the Salisbury to Asheville corridor is focused on scoping the project and defining the scope of the corridors intent. Once the Salisbury to Asheville Rail project enters stage 2 of the CID program, which is service development, a 10% match will be required. This match will require regional cooperation along the Salisbury to Asheville corridor. In stage 3, the Salisbury to Asheville Corridor will undergo preliminary engineering and environmental documentation. Upon the completion of Stage 3, the project will be shovel ready and will be dependent on additional federal programming for implementation funding. Mr. Myers stated that the Salisbury to Asheville Project is not in competition with other rail projects across the state, and the plan is for each corridor to operate cohesively as an overall rail system. In the long term, this rail system is intended to provide not only statewide connectivity, but connectivity throughout the Eastern United States. Ms. Beatty asked how people would access transportation at stops, as in many communities where potential stops may be don't have multimodal access. Mr. Myers responded that the accommodations would need to be context specific and planned collaboratively between local governments and experts. Ms. Ritchie shared that an expansion in Greenway Public Transportation Services could be required, especially through Greenways new microtransit services. Mr. Lail inquired about the number of corridors being actively studied in North Carolina and the corridors currently under construction. Mr. Myers shared that 7 corridors were within the CID program, and would all be receiving funding. Mr. Lail asked how the GHMPO could influence the scoping of the Salisbury to Asheville Corridor CID scoping. Mr. Myers stated that when the scope was under development, MPO staff would be consulted to ensure that regional characteristics were being considered. Mr. Starr noted that conversation would need to happen along MPO boundaries to decide how local match amounts for the CID Stage 2 grant would be decided upon. Mr. Harvey inquired about how stops would be selected and prepared for, and for a general timeline. Mr. Myers stated that the overall timeline is likely several years to conclude the CID process, which is prerequisite to construction. Mr. Starr noted that the region is likely to receive 1 or 2 stops, and a methodology would need to be developed to select stop locations. Mr. Starr, in closing, shared that the timeline would roughly be 7-12 years before actual service provision, and an additional hurdle in the \$650MM required in a federal transportation bill to fund the implementation of the project.
- V. **Prioritization Local Input Methodology:** Ms. Ritchie presented the revised STIP Prioritization process Local Input Point Methodology. Through the Prioritization process, local input is factored in through the use of local input points – a quantifiable representation of local desire for a project. This methodology covers all modes of transportation and will be available for review throughout the prioritization process. Upon a motion by Ms. Cato and a second by Ms. Patton, the methodology was approved unanimously.
- VI. **LAPP Application Process Changes & Open Call for LAPP Applications:** Mr. Odom presented proposed changes to the Locally Administered Project Program for the upcoming call for projects. These updates included the clarification of the materials required for

application, which include increased contingency requirements as a response to inflated project costs. These updates also include a revised scoring methodology which now includes a cost-effectiveness measure. Upon a motion from Chairman Eckard and a second from Ms. Cato, the updated application process was approved unanimously.

- VII. Locally Administered Project Proposal – Supplemental Request:** Mr. Odom presented a request for supplemental LAPP funding from NCDOT on behalf of Granite Falls. Mr. Odom reviewed the causes for funding shortfall, the project score, and the request amount of \$640,000.00 in federal funding. Upon a motion from Ms. Patton and a second from Mr. Townsend, the request was approved unanimously. Upon a motion from Mr. Townsend and a second from Ms. Patton, the TIP amendment corresponding to the awarded funds was approved unanimously.
- VIII. 5307, 5339, 5310 Funding STIP Updates:** Ms. Ritchie presented STIP modifications to transit funding sources 5307, 5339, and 5310. These modifications were administrative in nature, involving the combining of several program codes used for operating funds, rolling stock, and traditional projects. These modifications were released for a 30-day public comment period.

NCDOT Updates:

- **Board Updates:** No update.
- **Division 11:** Mr. Poe provided project updates within the packet for Division 11.
- **Division 12:** Mr. Stafford provided project updates for Division 12 within the agenda packet.
- **Division 13:** Mr. Sparks provided project updates for Division 13 within the agenda packet.
- **FHWA:** No update.
- **NCDOT TPD:** Mr. Crummy provided a newsletter update for Transportation Planning Division. TPD also announced the retirement of Jamal Alavi.
- **NCDOT IMD:** Ms. Farris provided an update for IMD, including an update on Unified Grant Application deadlines and the MMPG call for projects.

Public Comment/Announcements:

Adjournment: – Chairman Eckard adjourned the meeting at 4:26 p.m. The next meeting is scheduled for May 29th, 2024 at 2:30 PM.

Respectfully Submitted,

Bruce Eckard, MPO/TAC Chair

Averi Ritchie, TAC Secretary

**REQUEST FOR BOARD ACTION
GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION
TCC/TAC**

MEETING DATE: May 29, 2024

SUBJECT: Transportation Improvement Program Revisions for Approval

PRESENTER: Averi Ritchie, Transportation Planning Manager

ATTACHMENTS: Transportation Improvement Program Revisions for Approval

SUMMARY OF REQUEST:

State Transportation Improvement Program (STIP) revisions include modifications and amendments to regional and statewide transportation projects. STIP revisions are released for public comment and approved following a 30 day public comment period by TAC. All approved revisions are submitted for Board of Transportation approval. Modifications and revisions often include funding and fiscal year changes. Revisions are released monthly by NCDOT.

BOARD ACTION REQUESTED: Recommend for approval.

Suggested Motion: *Motion to approve*

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP MODIFICATIONS

| | | | | | | |
|----------------------|---------------------|--|--------------|-----------|--------------|----------|
| * M-0563E | - STATEWIDE PROJECT | STATEWIDE, RESILIENCE PROGRAM REPORTING, | ENGINEERING | FY 2024 - | \$850,000 | (PROTCT) |
| STATEWIDE | | MANAGEMENT AND SUPPORT | | FY 2025 - | \$850,000 | (PROTCT) |
| PROJ.CATEGORY | | <u>ADD PRELIMINARY ENGINEERING IN FY 25 AND FY 26</u> | | FY 2026 - | \$850,000 | (PROTCT) |
| STATEWIDE | | <u>NOT PREVIOUSLY PROGRAMMED.</u> | | | \$2,550,000 | |
| | | | | | | |
| * R-5966 | - STATEWIDE PROJECT | VARIOUS, FEDERAL TRIBAL TRANSPORTATION | CONSTRUCTION | FY 2024 - | \$10,463,000 | (FTTP) |
| STATEWIDE | | PROGRAM (FTTP). ROAD AND BRIDGE | | FY 2025 - | \$5,598,000 | (FTTP) |
| PROJ.CATEGORY | | IMPROVEMENTS TO BE CONSTRUCTED | | FY 2026 - | \$1,309,000 | (FTTP) |
| EXEMPT | | ON TRANSPORTATION FACILITIES THAT | | FY 2027 - | \$937,000 | (FTTP) |
| | | ARE OWNED BY THE FEDERAL | | | \$18,307,000 | |
| | | GOVERNMENT THAT PROVIDE ACCESS | | | | |
| | | TO TRIBAL LANDS. | | | | |
| | | <u>UPDATE FUNDING IN FY 24, FY 25, FY 26, AND FY 27</u> | | | | |
| | | <u>AT THE REQUEST OF THE FEDERAL HIGHWAY</u> | | | | |
| | | <u>ADMINISTRATION. COST INCREASE EXCEEDING \$2</u> | | | | |
| | | <u>MILLION AND 25% THRESHOLDS.</u> | | | | |

* INDICATES FEDERAL AMENDMENT

Thursday, March 7, 2024

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

| | | | | | | |
|----------------------|--|--|--------------|-----------|-------------|---------|
| * BO-2411 | - GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION | VARIOUS, DIVISION 11 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS. | ENGINEERING | FY 2024 - | \$100,000 | (TALT5) |
| ALLEGHANY | | | | FY 2025 - | \$100,000 | (TA) |
| ASHE | - NORTHWEST PIEDMONT RURAL PLANNING ORGANIZATION | | | FY 2026 - | \$100,000 | (TA) |
| AVERY | | | | FY 2027 - | \$100,000 | (TA) |
| CALDWELL | - HIGH COUNTRY RURAL PLANNING ORGANIZATION | <u>ADD RIGHT-OF-WAY AND UTILITIES IN FY 24 - FY 28</u> <u>NOT PREVIOUSLY PROGRAMMED.</u> | | FY 2028 - | \$100,000 | (TA) |
| SURRY | | | RIGHT-OF-WAY | FY 2024 - | \$50,000 | (TALT5) |
| WATAUGA | | | | FY 2025 - | \$50,000 | (TA) |
| WILKES | | | | FY 2026 - | \$50,000 | (TA) |
| YADKIN | | | | FY 2027 - | \$50,000 | (TA) |
| PROJ.CATEGORY | | | | FY 2028 - | \$50,000 | (TA) |
| DIVISION | | | UTILITIES | FY 2024 - | \$50,000 | (TALT5) |
| | | | | FY 2025 - | \$50,000 | (TA) |
| | | | | FY 2026 - | \$50,000 | (TA) |
| | | | | FY 2027 - | \$50,000 | (TA) |
| | | | | FY 2028 - | \$50,000 | (TA) |
| | | | CONSTRUCTION | FY 2024 - | \$1,000,000 | (TALT5) |
| | | | | FY 2025 - | \$1,000,000 | (TA) |
| | | | | FY 2026 - | \$1,000,000 | (TA) |
| | | | | FY 2027 - | \$1,000,000 | (TA) |
| | | | | FY 2028 - | \$1,000,000 | (TA) |
| | | | | | \$6,000,000 | |

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

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|----------------------|--|--|--------------|-----------|-------------|---------|
| * BO-2412 | - CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION | VARIOUS, DIVISION 12 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS. | ENGINEERING | FY 2024 - | \$100,000 | (TALT5) |
| ALEXANDER | | | | FY 2025 - | \$100,000 | (TA) |
| CATAWBA | - GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION | | | FY 2026 - | \$100,000 | (TA) |
| CLEVELAND | | | | FY 2027 - | \$100,000 | (TA) |
| GASTON | - GASTON CLEVELAND LINCOLN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | <u>ADD RIGHT-OF-WAY AND UTILITIES IN FY 24 - FY 28 NOT PREVIOUSLY PROGRAMMED.</u> | | FY 2028 - | \$100,000 | (TA) |
| IREDELL | | | RIGHT-OF-WAY | FY 2024 - | \$50,000 | (TALT5) |
| LINCOLN | | | | FY 2025 - | \$50,000 | (TA) |
| PROJ.CATEGORY | | | | FY 2026 - | \$50,000 | (TA) |
| DIVISION | | | | FY 2027 - | \$50,000 | (TA) |
| | | | | FY 2028 - | \$50,000 | (TA) |
| | | | UTILITIES | FY 2024 - | \$50,000 | (TALT5) |
| | | | | FY 2025 - | \$50,000 | (TA) |
| | | | | FY 2026 - | \$50,000 | (TA) |
| | | | | FY 2027 - | \$50,000 | (TA) |
| | | | | FY 2028 - | \$50,000 | (TA) |
| | | | CONSTRUCTION | FY 2024 - | \$1,000,000 | (TALT5) |
| | | | | FY 2025 - | \$1,000,000 | (TA) |
| | | | | FY 2026 - | \$1,000,000 | (TA) |
| | | | | FY 2027 - | \$1,000,000 | (TA) |
| | | | | FY 2028 - | \$1,000,000 | (TA) |
| | | | | | \$6,000,000 | |

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

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|---|---|---|--------------|--|
| HF-0003 CALDWELL PROJ.CATEGORY EXEMPT | - GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION | SR 1328 (BROWN MOUNTAIN BEACH ROAD), WIDEN PAVEMENT TO 20 FEET IN FIVE LOCATIONS ALONG WILSON CREEK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u> | CONSTRUCTION | FY 2025 - \$1,260,000 (FLAP) FY 2025 - \$315,000 (HF(M)) \$1,575,000 |
|---|---|---|--------------|--|

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

| | | | | | | |
|--|---------------------|---|--------------|-----------|---------------|--------|
| * HV-0001 STATEWIDE PROJ.CATEGORY DIVISION | - STATEWIDE PROJECT | VARIOUS, CONSTRUCTION OF ELECTRIC VEHICLE SUPPLY EQUIPMENT ALONG NORTH CAROLINA'S ALTERNATIVE CORRIDORS AND NEVI PLANNING. <u>ADD PRELIMINARY ENGINEERING AND CONSTRUCTION FUNDS IN FY 24, FY 25, AND FY 26 NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u> | ENGINEERING | FY 2024 - | \$2,600,000 | (NEVI) |
| | | | | FY 2025 - | \$2,000,000 | (NEVI) |
| | | | | FY 2026 - | \$2,000,000 | (NEVI) |
| | | | CONSTRUCTION | FY 2024 - | \$55,000,000 | (NEVI) |
| | | | | FY 2025 - | \$20,000,000 | (NEVI) |
| | | | | FY 2026 - | \$20,000,000 | (NEVI) |
| | | | | | \$101,600,000 | |

STIP MODIFICATIONS

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|--|---------------------|--|--------------|-----------|-------------|--------|
| * ER-5600 STATEWIDE PROJ.CATEGORY DIVISION | - STATEWIDE PROJECT | VARIOUS, VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND LANDSCAPING STATEWIDE. <u>ADD PRELIMINARY ENGINEERING FUNDS IN FY 24 - FY 28 NOT PREVIOUSLY PROGRAMMED.</u> | ENGINEERING | FY 2024 - | \$100,000 | (STPE) |
| | | | | FY 2025 - | \$100,000 | (STPE) |
| | | | | FY 2026 - | \$100,000 | (STPE) |
| | | | | FY 2027 - | \$100,000 | (STPE) |
| | | | | FY 2028 - | \$100,000 | (STPE) |
| | | | CONSTRUCTION | FY 2024 - | \$1,000,000 | (STPE) |
| | | | | FY 2025 - | \$1,000,000 | (STPE) |
| | | | | FY 2026 - | \$1,000,000 | (STPE) |
| | | | | FY 2027 - | \$1,000,000 | (STPE) |
| | | | | FY 2028 - | \$1,000,000 | (STPE) |
| | | \$5,500,000 | | | | |

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

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|--|---|---|-------------|-----------|-----------|-----------|---------|
| BL-0001 BURKE PROJ.CATEGORY DIVISION | - GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION | MAIN AVENUE EAST, 2ND STREET SE TO US 70 IN HILDEBRAN. CONSTRUCT PEDESTRIAN IMPROVEMENTS. | ENGINEERING | FY 2024 - | \$64,000 | (BGDA) | |
| | | | | | FY 2024 - | \$16,000 | (L) |
| | | | | | FY 2025 - | \$80,000 | (BGDA) |
| | | | | | FY 2025 - | \$20,000 | (L) |
| | | | | | FY 2026 - | \$272,000 | (BGANY) |
| | | | | | FY 2026 - | \$68,000 | (L) |
| | | | | | \$520,000 | | |

**TO ALLOW ADDITIONAL TIME, DELAY RIGHT-OF-WAY
FROM FY 24 TO FY 25 AND CONSTRUCTION FROM FY
25 TO FY 26.**

* INDICATES FEDERAL AMENDMENT



**GREATER HICKORY
METROPOLITAN PLANNING ORGANIZATION (MPO)**
1880 2nd Avenue NW, PO Box 9026
Hickory, NC 28603



**RESOLUTION ADOPTING MODIFICATIONS TO THE
TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FY 2024-2033**

A motion was made by _____ and seconded by _____ for the adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, the following modifications have been proposed for FY 2024-2033 Transportation Improvement Program (TIP):

See page 1 of this Attachment

WHEREAS, the MPO certifies that these TIP modifications are consistent with the intent of the adopted 2050 Metropolitan Transportation Plan (MTP);

NOW THEREFORE be it resolved, by the Greater Hickory MPO Transportation Advisory Committee (TAC) that the TIP FYs 2024-2033 be modified as listed above on this, the 29th day of May, 2024.

Bruce Eckard
Greater Hickory MPO TAC Chair

Averi Ritchie
Greater Hickory MPO TAC Secretary

**REQUEST FOR BOARD ACTION
GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION
TCC/TAC**

MEETING DATE: May 29, 2024

SUBJECT: Transportation Improvement Program Revisions for Release

PRESENTER: Averi Ritchie, Transportation Planning Manager

ATTACHMENTS: Transportation Improvement Program Revisions for Release

SUMMARY OF REQUEST:

State Transportation Improvement Program (STIP) revisions include modifications and amendments to regional and statewide transportation projects. STIP revisions are released for public comment and approved following a 30 day public comment period by TAC. All approved revisions are submitted for Board of Transportation approval. Modifications and revisions often include funding and fiscal year changes. Revisions are released monthly by NCDOT.

BOARD ACTION REQUESTED: Release for public comment.

Suggested Motion: *Approval to release for public comment*

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

| | | | | | | |
|--|---|--|--------------|-----------|--------------|---------|
| * BL-0002 CALDWELL PROJ.CATEGORY DIVISION | - GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION | US 321A (MAIN STREET)/ HUDSON, CONSTRUCT PEDESTRIAN CROSSING IMPROVEMENTS FROM SR 1952 (CEDAR VALLEY ROAD) TO SR 1156 (LEGION ROAD). | ENGINEERING | FY 2024 - | \$64,000 | (BGDA) |
| | | | | FY 2024 - | \$16,000 | (L) |
| | | | RIGHT-OF-WAY | FY 2024 - | \$19,000 | (BGDA) |
| | | | | FY 2024 - | \$5,000 | (L) |
| | | | CONSTRUCTION | FY 2024 - | \$113,000 | (BGANY) |
| | FY 2024 - | \$88,000 | (L) | | | |
| | FY 2025 - | \$239,000 | (BGANY) | | | |
| | | | | | \$544,000 | |
| BL-0065 CALDWELL PROJ.CATEGORY DIVISION | - GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION | LENIOR GREENWAY, HARPER AVENUE TO MORGANTON BOULEVARD. EXTEND MULTI-USE PATH. <u>TO REFLECT LATEST DELIVERY SCHEDULE, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25 AND CONSTRUCTION FROM FY 25 TO FY 26.</u> | ENGINEERING | FY 2024 - | \$245,000 | (BGDA) |
| | | | | FY 2024 - | \$61,000 | (L) |
| | | | RIGHT-OF-WAY | FY 2025 - | \$225,000 | (BGDA) |
| | | | | FY 2025 - | \$56,000 | (L) |
| | | | CONSTRUCTION | FY 2026 - | \$1,264,000 | (BGDA) |
| | FY 2026 - | \$317,000 | (L) | | | |
| | | | | | \$2,168,000 | |
| U-2530A CATAWBA PROJ.CATEGORY DIVISION | - GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION | NC 127, SR 1132 (HUFFMAN FARM ROAD) TO SR 1008 (ZION CHURCH ROAD). <u>TO ALLOW ADDITIONAL TIME FOR UTILITIES RELOCATION, DELAY CONSTRUCTION FROM FY 27 TO FY 28.</u> | RIGHT-OF-WAY | FY 2025 - | \$7,284,000 | (BGANY) |
| | | | | FY 2026 - | \$10,926,000 | (BGANY) |
| | | | | FY 2027 - | \$910,000 | (BGANY) |
| | | | | FY 2028 - | \$2,390,000 | (BGANY) |
| | | | | FY 2029 - | \$2,390,000 | (BGANY) |
| | | | UTILITIES | FY 2025 - | \$1,900,000 | (BGANY) |
| | | | | FY 2026 - | \$1,900,000 | (BGANY) |
| | | | CONSTRUCTION | FY 2028 - | \$7,636,000 | (BGANY) |
| | | | | FY 2029 - | \$9,401,000 | (BGANY) |
| | | | | FY 2030 - | \$6,453,000 | (BGANY) |
| | FY 2031 - | \$2,009,000 | (BGANY) | | | |
| | | | | | \$53,199,000 | |

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

| | | | | |
|---|---|--|--------------|-------------------------------|
| U-6034 CALDWELL PROJ.CATEGORY DIVISION | - GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION | US 321 ALT, SR 1109 (PINWOOD ROAD) TO SR 1106 (DUKE STREET). UPGRADE ROADWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 26 TO FY 27.</u> | RIGHT-OF-WAY | FY 2024 - \$4,320,000 (BGANY) |
| | | | | FY 2025 - \$2,880,000 (BGANY) |
| | | | | FY 2026 - \$900,000 (BGANY) |
| | | | | FY 2027 - \$900,000 (BGANY) |
| | | | UTILITIES | FY 2024 - \$1,100,000 (BGANY) |
| | | | | FY 2025 - \$1,100,000 (BGANY) |
| | | | CONSTRUCTION | FY 2027 - \$1,817,000 (BGANY) |
| | | | | FY 2028 - \$6,457,000 (BGANY) |
| | | | | FY 2029 - \$4,677,000 (BGANY) |
| | | | | FY 2030 - \$1,449,000 (BGANY) |
| | <u>\$25,600,000</u> | | | |
| U-6157 CALDWELL PROJ.CATEGORY DIVISION | - GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION | SR 1130 (CAJAH MOUNTAIN ROAD), SR 1001 (CONNELLY SPRINGS ROAD) TO US 321A. MODERNIZE ROADWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 26 TO FY 27.</u> | RIGHT-OF-WAY | FY 2024 - \$92,000 (BGANY) |
| | | | | FY 2025 - \$4,237,000 (BGANY) |
| | | | | FY 2026 - \$3,031,000 (BGANY) |
| | | | | FY 2027 - \$920,000 (BGANY) |
| | | | | FY 2028 - \$920,000 (BGANY) |
| | | | UTILITIES | FY 2024 - \$5,100,000 (BGANY) |
| | | | | FY 2025 - \$5,100,000 (BGANY) |
| | | | CONSTRUCTION | FY 2027 - \$239,000 (BGANY) |
| | | | | FY 2028 - \$8,975,000 (BGANY) |
| | | | | FY 2029 - \$8,026,000 (BGANY) |
| | FY 2030 - \$5,403,000 (BGANY) | | | |
| | FY 2031 - \$1,258,000 (BGANY) | | | |
| | <u>\$43,301,000</u> | | | |

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION

STIP DELETIONS

| | | | | |
|---|---|--|--------------|--|
| EB-5808 BURKE CALDWELL CATAWBA PROJ.CATEGORY DIVISION | - GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION | HICKORY, UPGRADE CURRENT PEDESTRIAN SIGNALS AND INSTALL NEW PEDESTRIAN SIGNALS. <u>REMOVE PROJECT AT THE REQUEST OF THE MPO.</u> | CONSTRUCTION | FY 2024 - \$322,000 (TADA) FY 2024 - <u>\$80,000</u> (L) \$402,000 |
|---|---|--|--------------|--|

* INDICATES FEDERAL AMENDMENT



CITY OF CLAREMONT

Shawn R. Brown
Mayor

Jason Brown
City Manager

May 16, 2024

Averi Ritchie
Transportation Planning Manager
Greater Hickory MPO
1880 2nd Avenue NW
Hickory, NC 28601

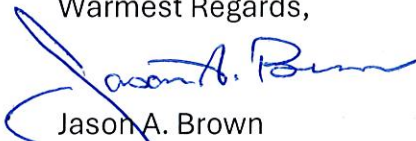
RE: Project EB-5828 – Centennial Boulevard Sidewalks

Averi,

The City of Claremont was awarded \$458,000 local project funding from the Greater Hickory MPO in 2014 to construct curb, gutter and sidewalks along Centennial Boulevard between North Oxford Street and North Lookout Street.

Based on the length of time this project has been delayed, the substantial increase in funds that would be required of the City to complete the project at this time, and other competing priorities, the City has decided to remove this project for consideration. The City requests to cancel project EB-5828 and return the local project funding to the Greater Hickory MPO. Please let me know of any questions or concerns you may have.

Warmest Regards,


Jason A. Brown
City Manager

**REQUEST FOR BOARD ACTION
GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION
TCC/TAC**

MEETING DATE: May 29, 2024

SUBJECT: Comprehensive Highway Safety Plan

PRESENTER: Jordan Powell, Transportation Planner, VHB

ATTACHMENTS: Presentation

SUMMARY OF REQUEST:

The WPCOG and Greater Hickory MPO was awarded state funding for a Regional Comprehensive Highway Safety Plan. Staff are currently overseeing the completion of the plan. The goal of the CHSP is to identify areas of concern and high risk areas using crash location and other safety data. The CHSP covers all modes of transportation. Once completed, the CHSP will open the region to safety funding opportunities. One goal of the plan is to establish a Safety Subcommittee. The Safety Subcommittee will help guide the plan through local input. Staff are currently providing local data, plan initiatives, and materials to help guide the plan. The scope and timeline have been approved and data analysis began in April.

The Movability Advisory Committee and/or Safety Subcommittee will combine efforts to document safety concerns and guide funding opportunities to enhance safety within the region. This committee will cover all modes of transportation and meet quarterly. This group currently conducts and assists with walk audits, forms reports that help investigate mobility barriers, and works to improve safety for all modes of travel. This group will take a more active approach to promote safety and connectivity in transportation planning.

BOARD ACTION REQUESTED: Discussion Item

Suggested Motion: *None.*



GHMPO Comprehensive Highway Safety Plan

TCC/TAC Meetings #1

Jordan Powell
Transportation Planner, VHB

May 29, 2024

Agenda

Introductions

Safety Planning Overview

Project Schedule

Scope of Work and Approach

Goals/Objectives of the Plan

Safety Culture

Next Steps

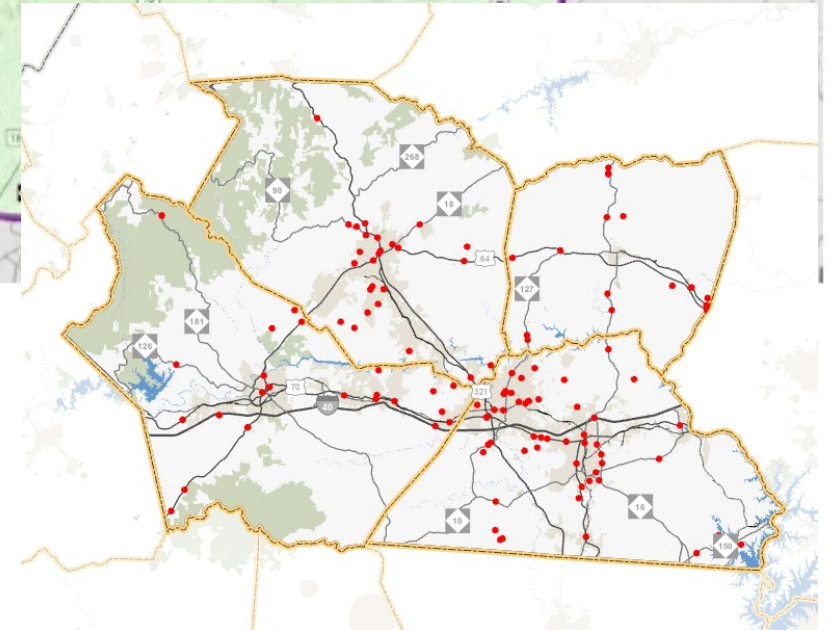
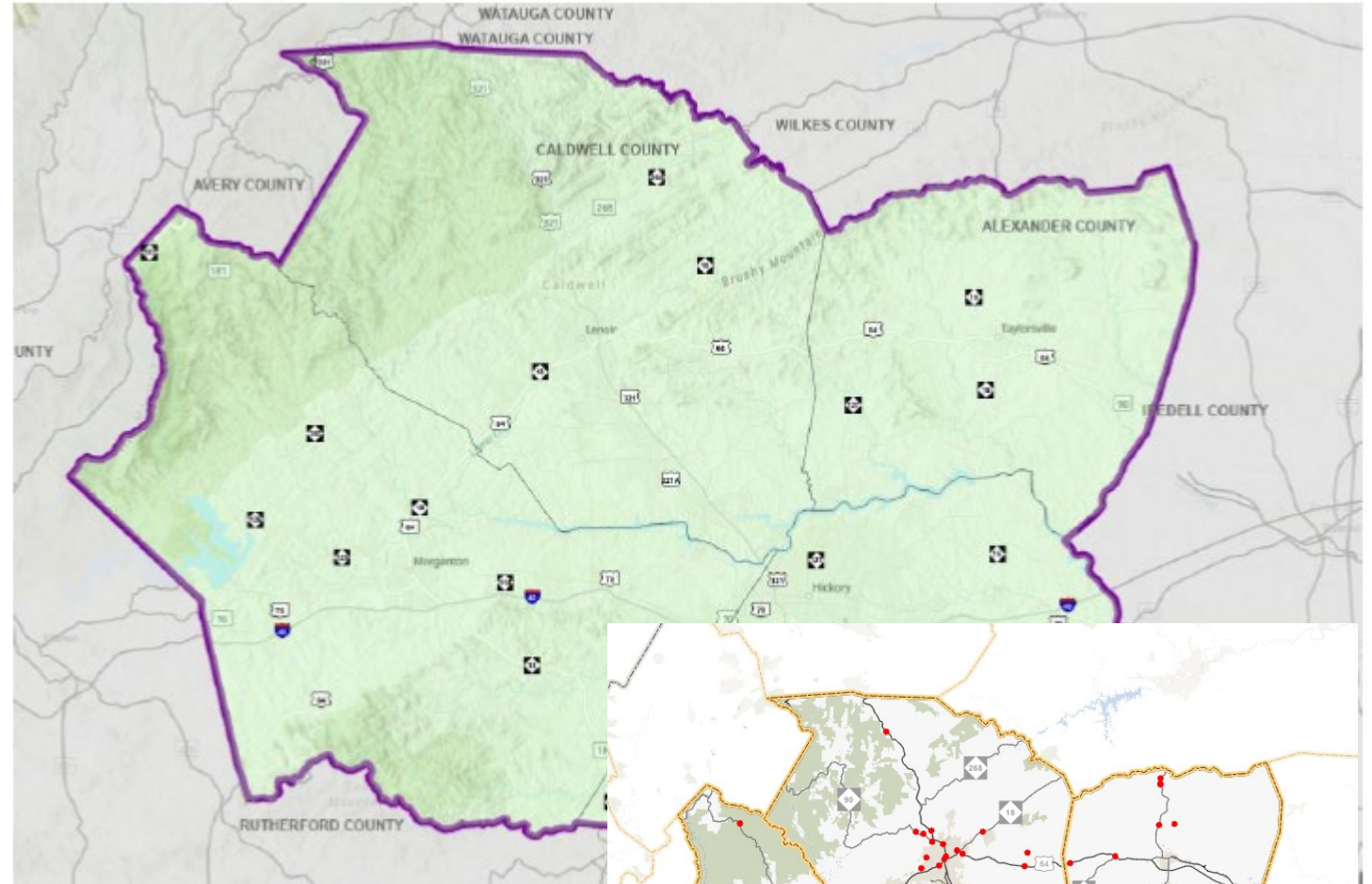
Project Oversight

Project Team

- VHB
- GHMPO/WPCOG
- NCDOT TSU

Technical Safety Subcommittee

- GHMPO/WPCOG
- NCDOT TSU
- NCDOT Divisions
- County Agency Reps
- City/Town Agency Reps
- School System Reps
- Emergency Services
- Transit
- Advocates (AARP, SafeKids, etc.)



A Transportation Safety Plan is...



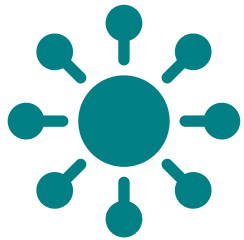
Based on a vision
and commitment



Data-driven



Stakeholder-led



Reactive and
Proactive



Multimodal

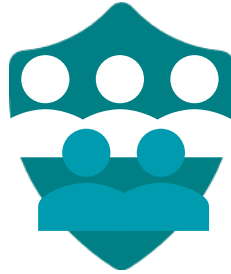


Focuses on short-term
needs and long-term goals

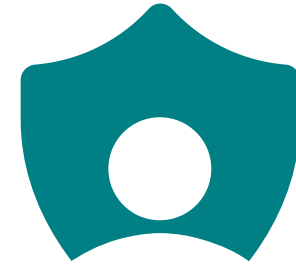
A Transportation Safety Plan is not...



Occupational Safety



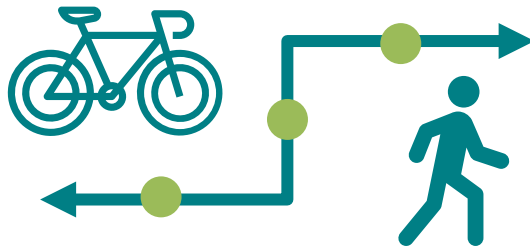
Public Safety



Personal Security



Reactive

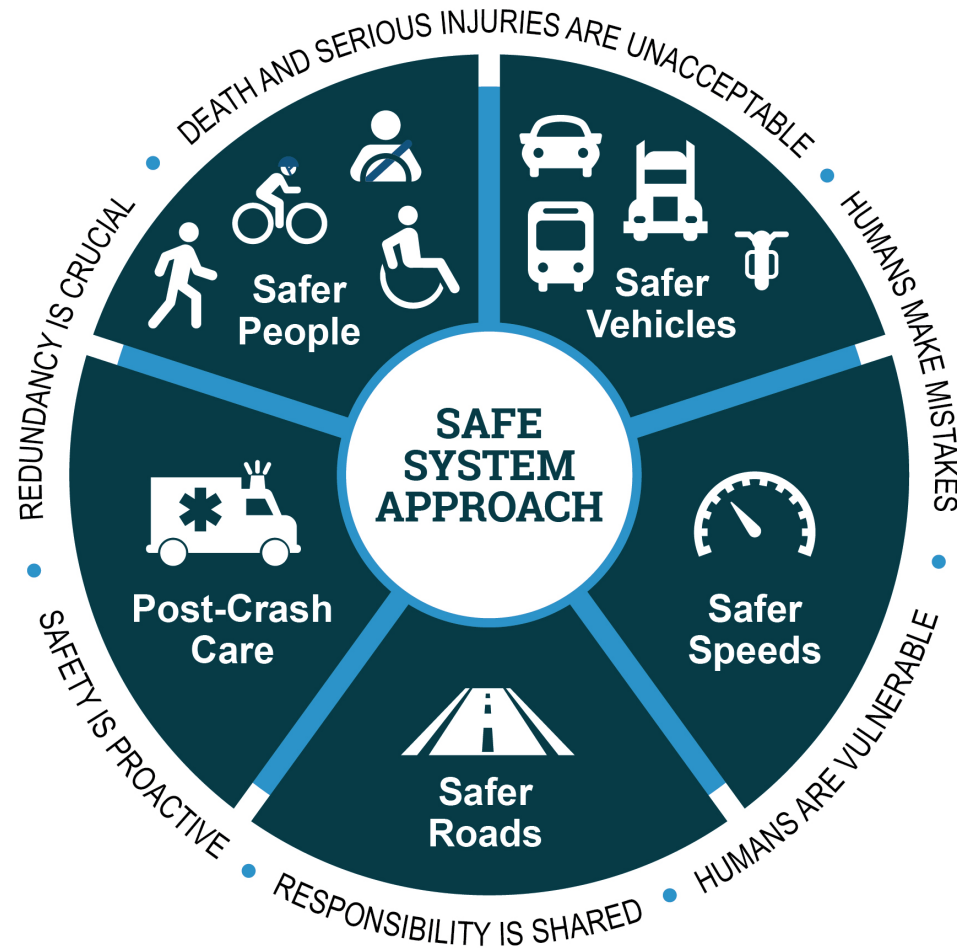


Mode-Specific



Quick Fix

Safety In Planning



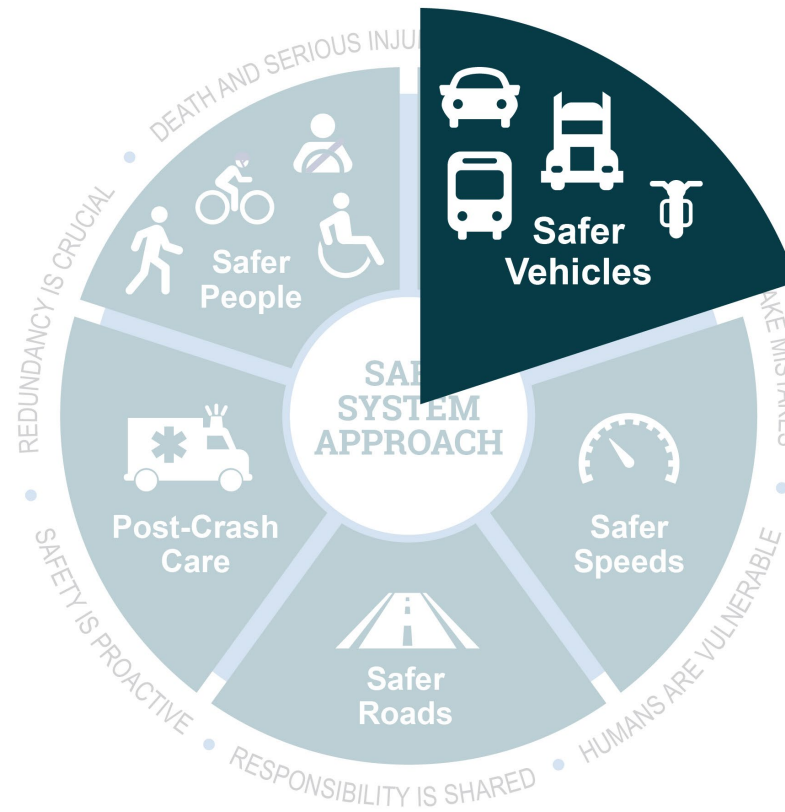
Safety In Planning

- How do our plans account for safety of **all people using roadways**?



Safety In Planning

- How do our plans account for safety of **all people using roadways**?
- How do our plans consider size of **vehicles** movement of vehicle fleets?



Safety In Planning

- How do our plans account for safety of **all people using roadways**?
- How do our plans consider size of **vehicles** movement of vehicle fleets?
- How do our plans call for setting and enforcing **safe speeds**?



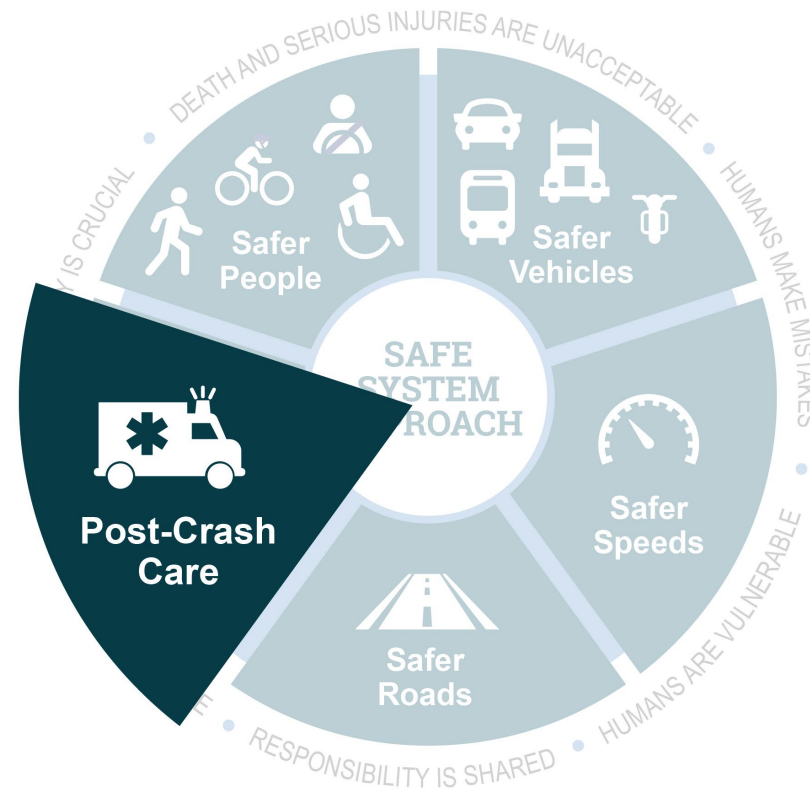
Safety In Planning

- How do our plans account for safety of **all people using roadways**?
- How do our plans consider size of **vehicles** movement of vehicle fleets?
- How do our plans call for setting and enforcing **safe speeds**?
- How do our plans account for human mistakes in **roadway design**?



Safety In Planning

- How do our plans account for safety of **all people using roadways**?
- How do our plans consider size of **vehicles** movement of vehicle fleets?
- How do our plans call for setting and enforcing **safe speeds**?
- How do our plans account for human mistakes in **roadway design**?
- How do our plans discuss **emergency response** and human **trauma** due to crashes?

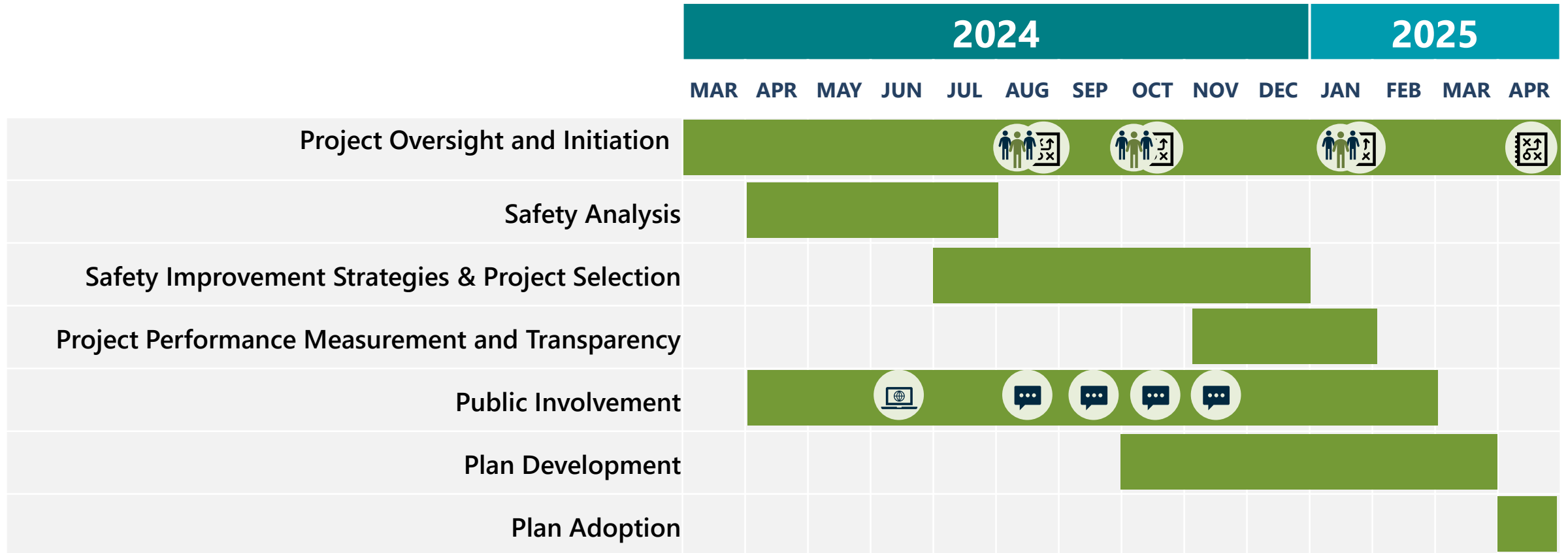


Safety In Planning

- How do our plans account for safety of **all people using roadways**?
- How do our plans consider size of **vehicles** movement of vehicle fleets?
- How do our plans call for setting and enforcing **safe speeds**?
- How do our plans account for human mistakes in **roadway design**?
- How do our plans discuss **emergency response** and human **trauma** due to crashes?



What is the process for the CHSP?



 **Technical Safety Subcommittee**

 **Hickory SS4A Coordination**

 **Safety Survey**

 **Public Engagement**

CHSP Principles and Goals

Guiding Principles

- **Transparency:** Ensure traffic safety data, analysis, and development of safety performance measures are reported and disseminated openly (free of charge), clearly and comprehensively.
- **Data-Driven:** Use defensible and quantifiable data to identify safety priorities and develop safety projects and recommendations for all modes of transportation.
- **Robust Public Involvement:** Engage all communities and stakeholders within the planning area. Incorporate robust public involvement efforts in historically underrepresented communities. Incorporate involvement of local government and elected officials.
- **Equity:** Investigate disparate safety impacts among different demographic and population groups and develop corresponding mitigation strategies.
- **Shared Impetus:** Work with local officials to identify projects that 1) Address identified safety issues 2) Meet the needs and expectations of the municipalities represented by the GHMPO.
- **Affect cultural change** around transportation safety in the region via education and awareness initiatives.
- **3C's:** Reliance on planning activities that are continuing, cooperative, and comprehensive.

CHSP Principles and Goals

Goals

- Establish a timeline for significant reduction, toward elimination, of fatalities and serious injury crashes for all modes on the region's transportation system.
- Follow a data-driven approach to identify safety issues and needs, including a High Injury Network.
- Using the Safe Systems Approach, produce recommended crash reduction strategies, countermeasures and safety improvements.
- Increase awareness of transportation safety risks and risks.
- Ensure process includes outreach to residents from each county and underserved or transportation disadvantaged populations.
- Coordinate with and inform other regional efforts.

Safety Analysis

Existing Conditions

- High Injury Networks and Noteworthy Safety Problems



Intersection Related



Distracted Driving



Lane Departure



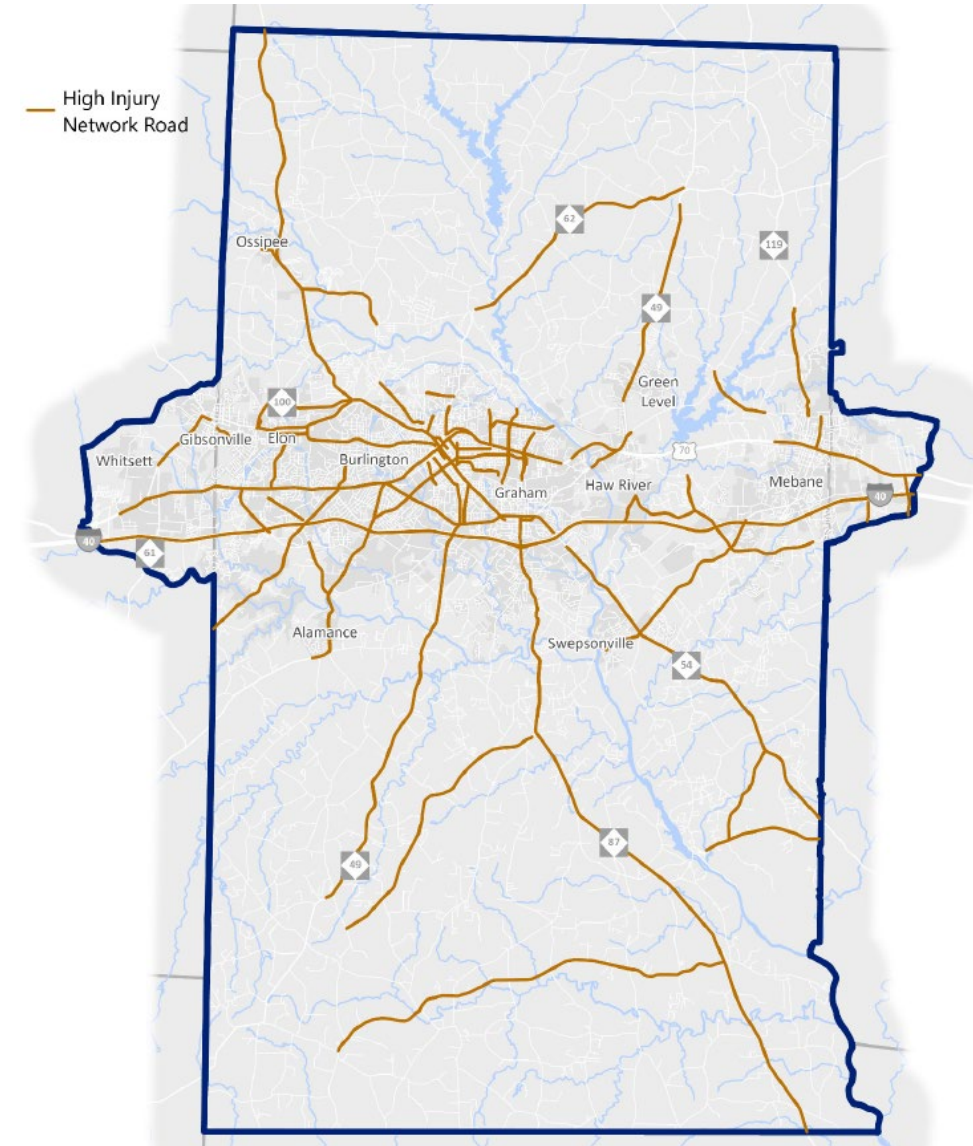
Novice Driver Related (Younger Drivers and others with less driving experience)



Older Driver Related



Vulnerable Road Users (Pedestrians, Bicyclists, and Mobility Impaired Individuals)



Safety Analysis

Existing Conditions

- Crash Countermeasures and Safety Strategies

INTERSECTIONS



Backplates with Retroreflective Borders



Corridor Access Management



Dedicated Left- and Right-Turn Lanes at Intersections



Reduced Left-Turn Conflict Intersections



Roundabouts



Systemic Application of Multiple Low-Cost Countermeasures at Stop-Controlled Intersections



Yellow Change Intervals

Proven Safety Countermeasures

SPEED MANAGEMENT



Speed Safety Cameras



Variable Speed Limits



Appropriate Speed Limits for All Road Users

ROADWAY DEPARTURE



Wider Edge Lines



Enhanced Delineation for Horizontal Curves



Longitudinal Rumble Strips and Stripes on Two-Lane Roads



SafetyEdge™



Roadside Design Improvements at Curves



Median Barriers

INTERSECTIONS



Backplates with Retroreflective Borders



Corridor Access Management



Dedicated Left- and Right-Turn Lanes at Intersections



Reduced Left-Turn Conflict Intersections



Roundabouts



Systemic Application of Multiple Low-Cost Countermeasures at Stop-Controlled Intersections



Yellow Change Intervals

PEDESTRIANS/BICYCLES



Crosswalk Visibility Enhancements



Bicycle Lanes



Rectangular Rapid Flashing Beacons (RRFB)



Leading Pedestrian Interval



Medians and Pedestrian Refuge Islands in Urban and Suburban Areas



Pedestrian Hybrid Beacons



Road Diets (Roadway Reconfiguration)



Walkways

Crosscutting



Pavement Friction Management



Lighting



Local Road Safety Plans



Road Safety Audit

Safety Data

Performance Measures

- MAP-21 / FAST Act Rulemaking:
 - Requires State DOTs and MPOs to set targets for **5 Highway Safety Improvement Program (HSIP) safety performance metrics**
 - Final Rules published in the Federal Register March 2016; effective April 2016
- Targets:
 - Are based on 5-year rolling averages
 - Are for calendar years
 - Are established annually

| 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 | 56.8 | 1.508 | 109.6 | 2.914 | 14.6 |
| 2009 - 2013 | 54.2 | 1.432 | 98.0 | 2.588 | 13.6 |
| 2010 - 2014 | 51.6 | 1.351 | 83.8 | 2.201 | 12.6 |
| 2011 - 2015 | 49.2 | 1.270 | 84.0 | 2.174 | 12.0 |
| 2012 - 2016 | 48.0 | 1.218 | 87.0 | 2.208 | 12.6 |
| 2013 - 2017 | 48.8 | 1.212 | 102.2 | 2.502 | 12.6 |
| 2014 - 2018 | 51.2 | 1.246 | 116.6 | 2.796 | 14.6 |
| 2015 - 2019 | 49.8 | 1.190 | 140.0 | 3.326 | 14.4 |
| 2016 - 2020 | 50.4 | 1.226 | 155.8 | 3.788 | 15.2 |
| 2017 - 2021 | 54.2 | 1.320 | 170.0 | 4.136 | 16.2 |
| 2018 - 2022 | 58.6 | 1.440 | 171.2 | 4.209 | 17.8 |
| 2024 Target* | 41.4 | 0.984 | 117.5 | 2.785 | 12.2 |

Safety Data

Emphasis Areas



LANE DEPARTURE



INTERSECTIONS



PEDESTRIANS,
BICYCLISTS, AND
PERSONAL MOBILITY



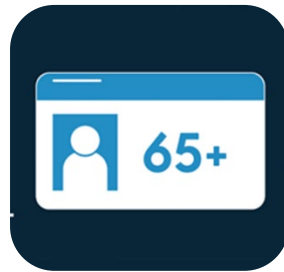
SEAT BELTS AND
CARSEATS



SUBSTANCE IMPAIRED
DRIVING



SAFER SPEEDS



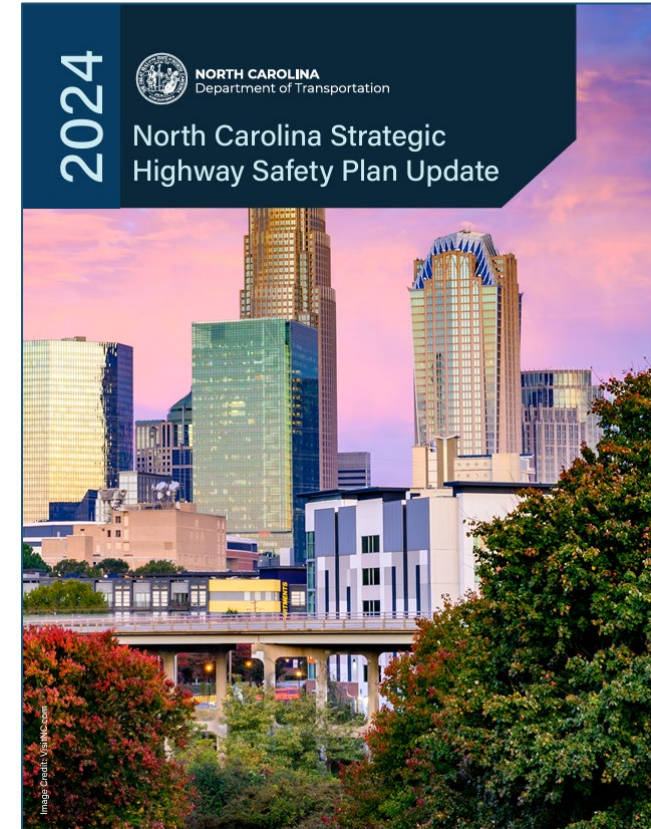
OLDER DRIVERS



MOTORCYCLISTS

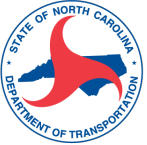


YOUNGER DRIVERS



Who is involved in the safety planning process?

- Project Oversight



Western Piedmont
Council of Governments
Creative Regional Solutions Since 1968

- Local Implementation

- Local Officials
- Transportation Planners
- Traffic Engineers

- Technical Safety Subcommittee

- Public

- Vulnerable Populations
- Major Employers
- Community Representatives
- Residents





Who is involved in the safety planning process?

Traffic safety culture is dependent on shared responsibility.





Key Roles in a Culture of Safety

- **Agency/Group**
 - **Role**
- **Local Elected Officials**
 - Adopt policies, fund projects, and prioritize safety in conversations
- **Planners, Designers, and Engineers**
 - Develop plans that emphasize roadway safety, create standards to reduce risk, design streets and public spaces with safety at the forefront.
- **NCDOT and GHMPO**
 - Adopt policies that increase safety and access, prioritize projects that show the greatest safety benefit for all users.
- **Law Enforcement**
 - Share experiences, lead conversations on safety behavior, document crashes thoughtfully to support reporting and analysis.
- **Emergency Response**
 - Identify opportunities to improve post-crash care, shared stories/experiences, speak to the importance of safer streets and roads.



Our Next Steps

- Continue Crash Analysis and Network Screening (May – July)
- Launch Technical Safety Subcommittee (Summer)
- Release Public Survey (Summer)
- Public Engagement (Late Summer)
- **Next TCC/TAC Update – September**

TCC/TAC Expectations

- Adopt a goal of Vision Zero
- Help share public engagement materials and links through your local lists/municipal websites and social media
- Provide feedback regarding transportation safety concerns and opportunities
- Review and adopt the CHSP



Questions?

Jordan Powell | jpowell@vhb.com

Brian Murphy | bgmurphy@ncdot.gov

Averi Ritchie | Averi.Ritchie@wpcog.org



**REQUEST FOR BOARD ACTION
GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION
TCC/TAC**

MEETING DATE: May 29, 2024

SUBJECT: Prioritization Statewide Tier Scores

PRESENTER: Averi Ritchie, Transportation Planning Manager

ATTACHMENTS: Prioritization Statewide Tier Scores

SUMMARY OF REQUEST:

Every two years MPOs across the state submit transportation projects to compete for funding and inclusion in the State Transportation Improvement Program. All modes of transportation are eligible for funding. 2024-2025 is a work-intensive year for collecting data for Prioritization 7.0, assigning local input points, and confirming transportation project submittals with NCDOT for the region. Staff are currently meeting with NCDOT to ensure that all submitted projects meet the goals and needs of the region. NCDOT and staff are reviewing project data. Data scores for interstate projects and segments of US 321 were just released. Data input points cannot be assigned for statewide tier projects. TCC and TAC are encouraged to review scores for each statewide tier project within the WPCOG and Greater Hickory MPO planning region. Scores will be released for public comment and approved at the following meeting in June.

BOARD ACTION REQUESTED: Release for public comment.

Suggested Motion: *Approval to release for public comment.*

Prioritization 7.0 Scores for All Projects - Quantitative Scores Only - No Local Input Points Assigned

Projects in blue text are funded in the Statewide Mobility category (see column R)

| SPOT ID | Mode | TIP | Project Category | Route / Facility / Project Name | From / Cross Street / Location | To / Cross Street | Description | Specific Improvement Type | Cost to NCDOT | Statewide Mobility Quantitative Score (Out of 100) | Regional Impact Quantitative Score (Out of 70) | Division Needs Quantitative Score (Out of 50) | County(ies) |
|-----------|---------|---------|--------------------|---------------------------------|--|--|---|--|----------------|--|--|---|----------------|
| H090041 | Highway | I-5008 | Statewide Mobility | I-40 | SR 1734 (Carolina Street SE)/SR 1826 - Exit 111 | N/A | Revise interchange to Diamond Configuration. | 8 - Improve Interchange | \$ 44,400,000 | 53.62 | 33.66 | 23.40 | Burke |
| H090042 | Highway | I-5009 | Statewide Mobility | I-40 | US 64 (Burkemon Road) - Exit 103 | N/A | Improve interchange | 8 - Improve Interchange | \$ 58,800,000 | 55.64 | 35.09 | 25.26 | Burke |
| H090474-B | Highway | U-4700B | Statewide Mobility | US 321 | US 321 Alternate (South Main Street) | SR 1108 (Mission Road) | Add Additional Lanes. | 1 - Widen Existing Roadway | \$ 245,500,000 | 56.57 | 33.62 | 23.60 | Caldwell |
| H090474-C | Highway | U-4700C | Statewide Mobility | US 321 | SR 1108 (Mission Road) | SR 1933 (Southwest Boulevard) | Add Additional Lanes. | 1 - Widen Existing Roadway | \$ 163,100,000 | 58.63 | 39.71 | 30.09 | Caldwell |
| H141130 | Highway | I-5874 | Statewide Mobility | I-40 | SR 1142 (Jamestown Road) - Exit 100 | N/A | Upgrade interchange | 8 - Improve Interchange | \$ 23,600,000 | 59.76 | 38.91 | 27.58 | Burke |
| H141920 | Highway | I-5875 | Statewide Mobility | I-40 | SR 1712 (Drexel Road) - Exit 107 | N/A | SR 1712 (Drexel Road). Upgrade Interchange. | 8 - Improve Interchange | \$ 27,600,000 | 57.23 | 38.44 | 27.78 | Burke |
| H150285 | Highway | I-6058 | Statewide Mobility | I-40 | SR 1147 (Causby Road) - Exit 98 | N/A | Redesign interchange and remove two-way traffic on ramp. | 8 - Improve Interchange | \$ 10,900,000 | 47.28 | 27.87 | 17.96 | Burke |
| H150286 | Highway | I-5975 | Statewide Mobility | I-40 | SR 1744 (Mineral Springs Mountain Rd.), SR 1744 (Eldred St. SE) - Exit 112 | N/A | Construct interchange improvements. | 8 - Improve Interchange | \$ 11,400,000 | 60.31 | 39.25 | 27.25 | Burke |
| H150287 | Highway | I-5971 | Statewide Mobility | I-40 | SR 1761 (Old Highway NC 10) - Exit 116 | N/A | Upgrade interchange and remove two-way traffic | 8 - Improve Interchange | \$ 36,500,000 | 50.28 | 31.24 | 21.50 | Burke |
| H150309 | Highway | I-5991A | Statewide Mobility | I-40 | US 321 (Exit 123) | SR 1476 - Fairgrove Church Road (Exit 128) | Widen to Six-Lanes | 1 - Widen Existing Roadway | \$ 83,600,000 | 77.01 | 44.84 | 30.07 | Catawba |
| H170910 | Highway | I-5991B | Statewide Mobility | I-40 | SR 1476 (Fairgrove Church Road) - Exit 128 | NC 16 (Thornburg Drive) - Exit 132 | Widen roadway to six lanes. | 1 - Widen Existing Roadway | \$ 46,400,000 | 72.07 | 41.51 | 26.53 | Catawba |
| H172232 | Highway | | Statewide Mobility | I-40 | SR 1761 - Exit 116 | US 321 - Exit 123 | Widen Existing Roadway | 1 - Widen Existing Roadway | \$ 139,000,000 | 67.63 | 38.63 | 24.71 | Burke, Catawba |
| H190207 | Highway | | Statewide Mobility | US 321 | US 321 Alternate (South Main Street) / Riverbend Drive | N/A | Upgrade to Interchange | 7 - Upgrade At-grade Intersection to Interchange or Grade Separation | \$ 30,500,000 | 66.35 | 48.76 | 34.71 | Caldwell |
| H190895 | Highway | | Statewide Mobility | I-40 | SR 1476 (Fairgrove Church Road) | N/A | Construct roundabouts at both ramp terminals. | 8 - Improve Interchange | \$ 80,900,000 | 66.31 | 38.19 | 27.53 | Catawba |
| H230985 | Highway | | Statewide Mobility | I-40 | SR 1001 (Malcolm Blvd) - Exit 113 | N/A | Construct interchange improvements - remove substandard 2-way ramp condition. | 8 - Improve Interchange | \$ 34,300,000 | 48.60 | 29.61 | 19.74 | Burke |
| H230986 | Highway | | Statewide Mobility | I-40 | SR 1138 (Kathy Road) - Exit 96 | N/A | Construct interchange improvements - remove substandard 2-way ramp condition. | 8 - Improve Interchange | \$ 34,300,000 | 53.15 | 33.00 | 22.62 | Burke |
| H231772 | Highway | | Statewide Mobility | US 321, SR 1107 (Falls Avenue) | SR 1107 (Falls Avenue) | N/A | Upgrade interchange to tight diamond configuration. | 8 - Improve Interchange | \$ 112,000,000 | 40.27 | 26.00 | 17.59 | Caldwell |
| R230772 | Rail | | Statewide Mobility | NS AS Line | AS Line from MP 50.1 to 51.6 in Conover, NC | N/A | [Initial Project Concept] Construction of horizontal curve improvements (increase cant) between MP 50.1 and 51.6 to increase rail segment speed up to or near a Maximum Allowable Speed (MAS) of 60 mph. | 7 - Corridor modernization (line) | \$ 2,000,000 | 44.79 | 36.13 | 19.03 | Catawba |
| R230820 | Rail | | Statewide Mobility | NS AS Line | AS Line from MP 41.5 to 58.2 in Hickory, NC | N/A | [Initial Project Concept] Construction of horizontal curve improvements (increase cant) between MP 41.5 and 58.2 to increase rail segment speed up to or near a Maximum Allowable Speed (MAS) of 60 mph. | 7 - Corridor modernization (line) | \$ 8,973,450 | 40.28 | 32.36 | 16.39 | Catawba |
| R230823 | Rail | | Statewide Mobility | NS AS Line | AS Line from MP 45 to 47.4 near Conover, NC and Newton, NC | N/A | [Initial Project Concept] Construction of horizontal curve improvements (increase cant) between MP 45 and 47.4 to increase rail segment speed up to or near a Maximum Allowable Speed (MAS) of 60 mph. | 7 - Corridor modernization (line) | \$ 1,177,675 | 46.07 | 36.99 | 19.35 | Catawba |
| R230847 | Rail | | Statewide Mobility | NS AS Line | AS Line MP 37.6 to 89.8 in Catawba and Burke Counties | N/A | [Initial Project Concept] Construction of horizontal curve improvements (increase cant) between MPs 37.8 and 38.2, 41.55 and 42.9, 43.4 and 43.9, 45 and 47.8, 48.1 and 48.6, 50.15 and 51.6, 55.4 and 56.3, 57.6 and 58.2, 61.9 and 62.5, 66.5 and 68.5, 72.1 and 73.6, 76.7 and 78.1, 80.8 and 81.65, 84.9 and 85.8, and 88.97 and 89.8 to increase rail segment speed up to or near a Maximum Allowable Speed (MAS) of 60 mph. | 7 - Corridor modernization (line) | \$ 92,547,117 | 14.70 | 13.68 | 8.63 | Catawba, Burke |

Draft 2026-2035 STIP Funding Availability for Selecting Projects from Prioritization 7.0
As of May 17, 2024

| STI Funding Category | Funding Availability |
|------------------------------|-----------------------------|
| Statewide Mobility | \$1,033M |
| Region A (Divisions 1 & 4) | -\$228M |
| Region B (Divisions 2 & 3) | -\$32M |
| Region C (Divisions 5 & 6) | \$992M |
| Region D (Divisions 7 & 9) | \$458M |
| Region E (Divisions 8 & 10) | -\$471M |
| Region F (Divisions 11 & 12) | \$8M |
| Region G (Divisions 13 & 14) | -\$191M |
| Division 1 | -\$19M |
| Division 2 | -\$85M |
| Division 3 | -\$54M |
| Division 4 | \$24M |
| Division 5 | -\$107M |
| Division 6 | \$126M |
| Division 7 | \$184M |
| Division 8 | \$113M |
| Division 9 | -\$15M |
| Division 10 | -\$108M |
| Division 11 | \$40M |
| Division 12 | -\$72M |
| Division 13 | -\$52M |
| Division 14 | \$51M |

***** Values are as of May 17, 2024, and will change due to, but not limited to, updated project cost estimates and schedule changes for committed projects *****

To meet federal and state fiscal constraint requirements for the Draft 2026-2035 STIP, schedule changes (delays) for committed projects will need to occur in STI Funding Categories with a negative value. Schedule changes for committed projects may also need to occur in STI Funding Categories with a positive value to meet the same federal and state fiscal constraint requirements in the first five years of the Draft 2026-2035 STIP.

**REQUEST FOR BOARD ACTION
GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION
TCC/TAC**

MEETING DATE: May 29, 2024

SUBJECT: Locally Administered Project Program – Project Proposals

PRESENTER: Daniel Odom, Transportation Projects Coordinator

ATTACHMENTS: LAPP 2024 Call for Projects Presentation

SUMMARY OF REQUEST:

The Western Piedmont Council of Governments (WPCOG) and Greater Hickory Metropolitan Planning Organization (GHMPO) receive roughly \$3.5 million annually in federal transportation grant funding for multimodal projects (bicycle/pedestrian, transit, small intersection). These funds are managed through the Locally Administered Projects Program (LAPP). In March, the MPO opened the annual call for new projects and supplemental requests for grant funding. The MPO received five (5) project applications. Two of these applications are for supplemental construction funding, submitted by the City of Hickory for portions of *Historic Ridgeview Walk*. The MPO received three (3) applications for new projects. Two of the applications were submitted by the Town of Valdese, for *Lovelady Sidewalk Phases 1 & 2*. The third new project application was submitted by Burke County for *Canal Bridge Sidewalk*. Project details are included in the attachment. MPO staff have prepared a recommendation for funding for each application, which recommends the awarding of a total of \$3.84M dollars in federal funding. Full details are included in the attachment. The project applications and recommended funding breakdown is being released for public comment for the May MPO meeting. Moving forward, TCC and TAC will have the opportunity to discuss and consider the project proposals, and may approve the awarding funds at the June meeting.

BOARD ACTION REQUESTED: None. This item is being released for public comment only.

Suggested Motion: *None.*



Western Piedmont
Council of Governments

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Locally Administered Project Program: 2024 Project Applications

GHMPO TCC and TAC

May 29, 2024

New Project Submittals

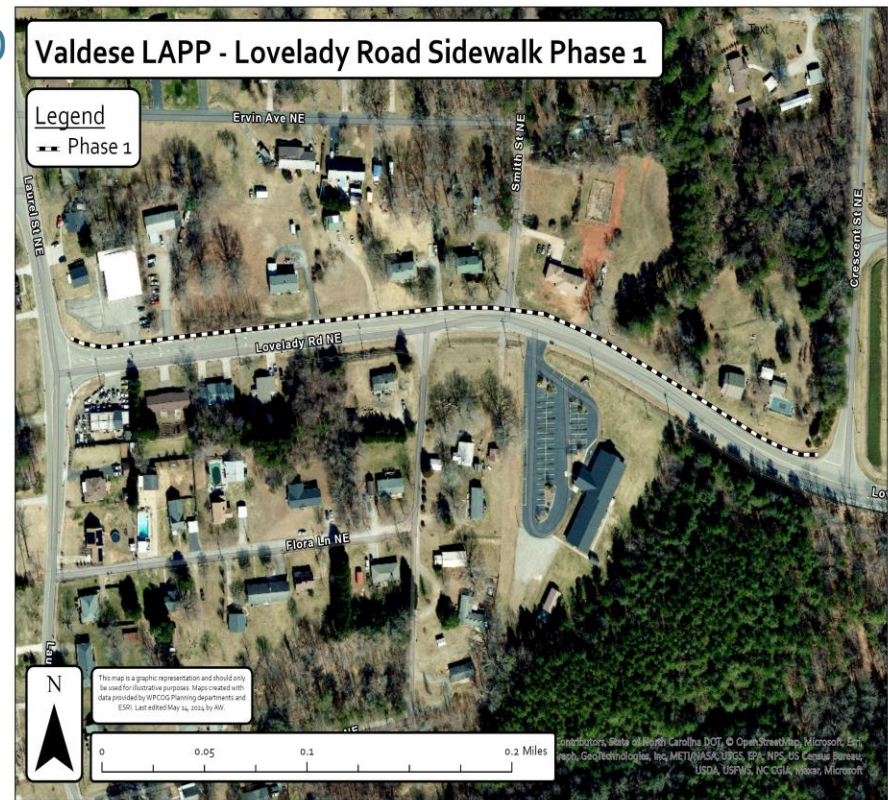
- Town of Valdese: Lovelady Sidewalk Phases 1 & 2
- Burke County: NC 126 Canal Bridge Sidewalk

Lovelady Road Sidewalk Phase 1

Description: Construct sidewalk on North side of Lovelady road from Laurel Street to Crescent Street NE. Once completed, the Lovelady Road Sidewalk Project will connect existing Laurel Street to Lake Rhodhiss Drive.

Total Estimated Cost: \$1,430,700.00

Federal Share: \$1,144,560.00

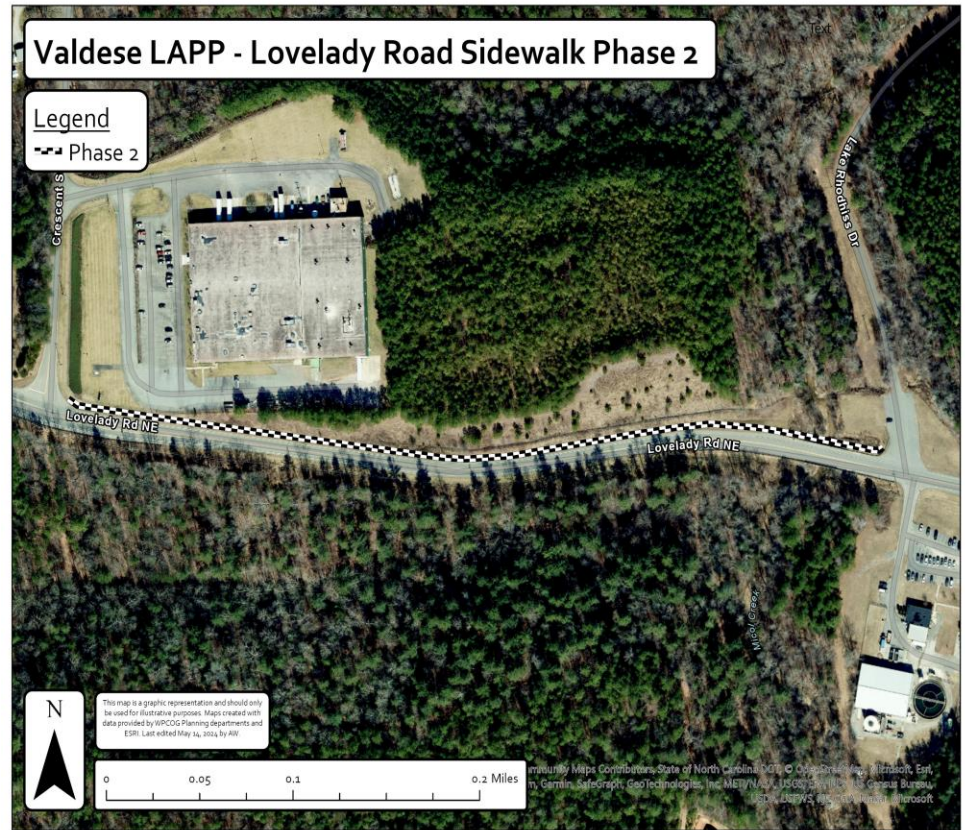


Lovelady Road Sidewalk Phase 2

Description: This project constructs sidewalk from Crescent Street to Lake Rhodhiss Drive. This phase completes the Lovelady Road Sidewalk Project which connects Laurel Street sidewalk to the anticipated Hoyle Creed Restoration.

Total Estimated Cost: \$2,240,960.00

Federal Share: \$1,792,768.00



Canal Bridge Sidewalk

Description: This project constructs sidewalk connecting Overmountain Victory National Historic Trail across Canal Bridge to Canal Bridge Boat Ramp. This provides critical accommodations across Canal Bridge.

Total Request Cost: \$886,150.00

Federal Share: \$708,920.00



Supplemental Funding Submittals

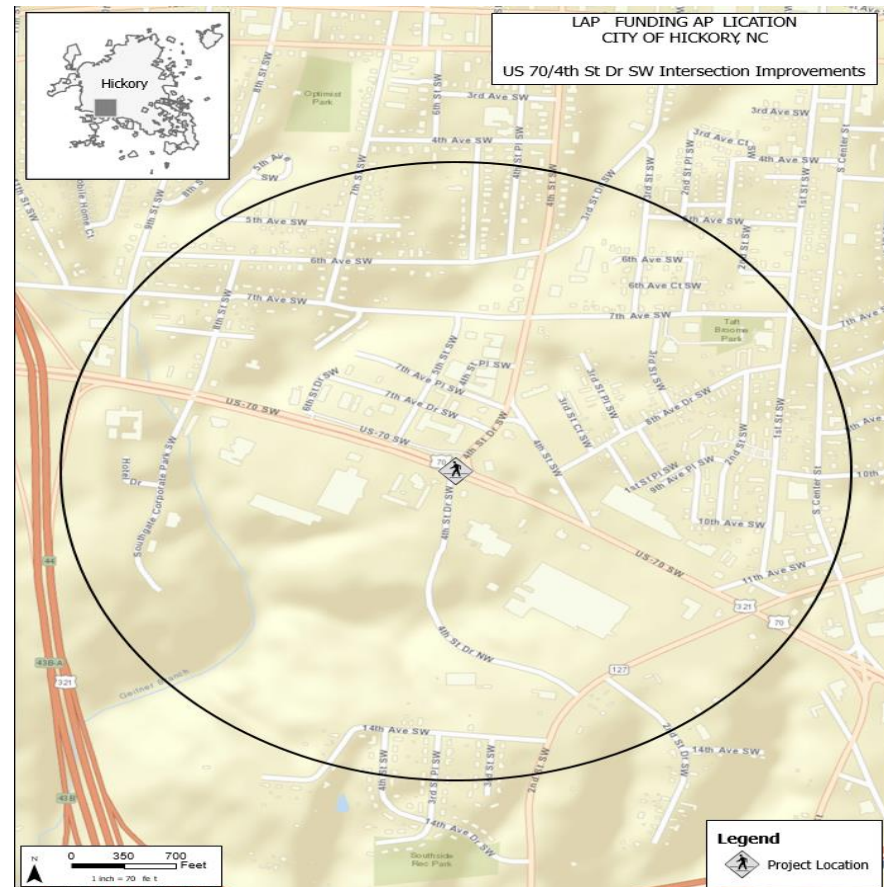
- City of Hickory: Historic Ridgeview Walk, HL-0002
- City of Hickory: Historic Ridgeview Walk, EB-5937

Historic Ridgeview Walk: HL-0002

Description: This project constructs intersection improvements at US-70 and 4th Street Drive SW as a portion of Historic Ridgeview Walk.

Total Request Cost: \$500,000.00

Federal Share: \$400,000.00

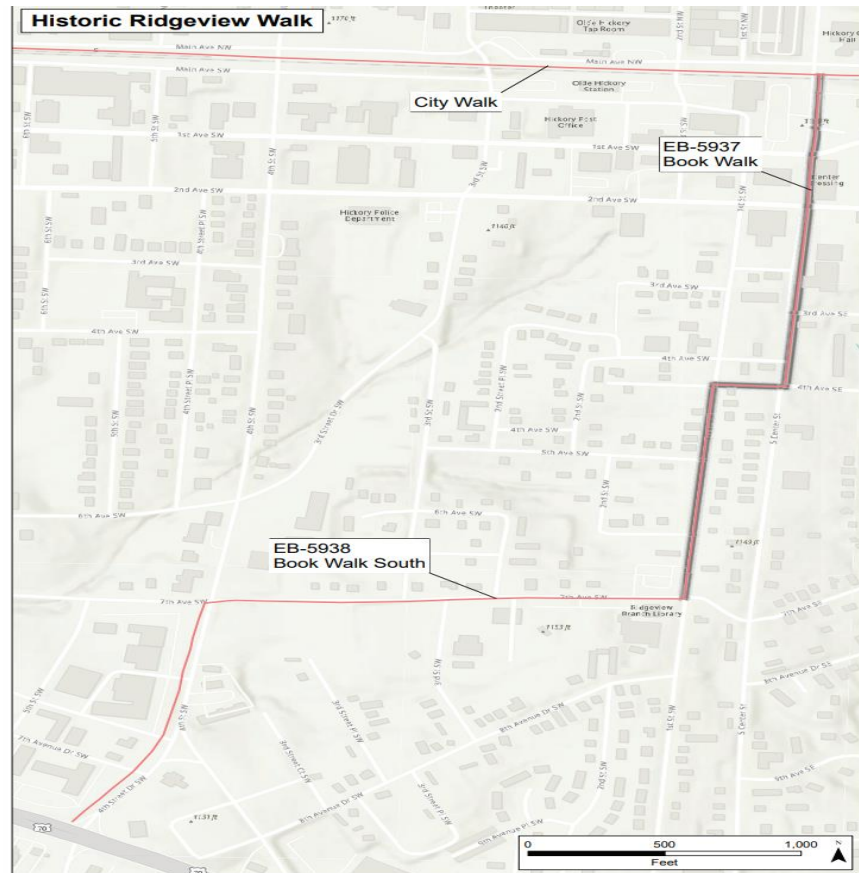


Historic Ridgeview Walk: EB-5937

Description: This project constructs a portion of the Historic Ridgeview Walk Multiuse Path, beginning at the terminus of the current City Walk and ending at Ridgeview Library.

Total Request Cost: \$1,612,500.00

Federal Share: \$1,290,000.00



Scoring Comparison Table

| Project | Municipality | Final Score |
|------------------------------|-----------------|-------------|
| HL-0002 – Historic Ridgeview | City of Hickory | 91 |
| EB-5937 – Historic Ridgeview | City of Hickory | 68.7 |
| Lovelady Sidewalk Phase 1 | Town of Valdese | 43.5 |
| Canal Bridge Sidewalk | Burke County | 41.7 |
| Lovelady Sidewalk Phase 2 | Town of Valdese | 37.4 |

Funding Proposal

| Project | Municipality | Funding Recommendation | Funding Amount (STBG-DA Only) |
|------------------------------|-----------------|------------------------|-------------------------------|
| HL-0002 – Historic Ridgeview | City of Hickory | Full Request | \$400K |
| EB-5937 – Historic Ridgeview | City of Hickory | Full Request | \$1.29M |
| Lovelady Sidewalk Phase 1 | Town of Valdese | Full Request | \$1.2M |
| Canal Bridge Sidewalk | Burke County | Full Request | \$710K |
| Lovelady Sidewalk Phase 2 | Town of Valdese | PE/Design Only | \$240K |

Total Federal Funding Awarded: **\$3.84M**

Funding Outlook

- This outlook is based on the recommending funding scenario from the previous slide.

| FY26 | FY27 | FY28 | FY29 | FY30 |
|--------|----------|----------|----------|----------|
| \$268K | \$2.774M | \$895.7K | \$3.454M | \$3.454M |

Total STBG-DA Remaining
Funds: **\$10,845,700.00**



Western Piedmont
Council of Governments

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Questions?



**REQUEST FOR BOARD ACTION
GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION
TCC/TAC**

MEETING DATE: May 29, 2024

SUBJECT: State Transportation Improvement Updates for Greenway Public Transportation Funding

PRESENTER: Averi Ritchie, Transportation Planning Manager

ATTACHMENTS: State Transportation Improvement Updates for Greenway Public Transportation Funding

SUMMARY OF REQUEST:

The Greater Hickory MPO partners with Greenway Public Transportation to submit funding requests and revisions into the State Transportation Improvement Plan (STIP). The following attachment are requests for funding revisions to three separate federal funding sources for Greenway Public Transportation operations. These requests were opened for public comment at the March 27 TAC meeting.

BOARD ACTION REQUESTED: Recommended for approval.

Suggested Motion: *Motion to approve STIP funding updates for Greenway Public Transportation*



**GREATER HICKORY
METROPOLITAN PLANNING ORGANIZATION (MPO)**
1880 2nd Avenue NW, PO Box 9026
Hickory, NC 28603



**RESOLUTION ADOPTING MODIFICATIONS TO THE METROPOLITAN
TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) FY 2024-2033**

A motion was made by _____ and seconded by _____ for the adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, the following modifications have been proposed for the following line items under 5307 in the FY 2024-2033 Transportation Improvement Program (TIP):

TG-6801 – Operating Assistance ADA (TG-4774B was previously combined with this line item)

| | |
|----------------|-----------|
| <u>FY 2026</u> | |
| 5307 - | \$200,000 |
| LOCAL - | \$50,000 |

TG-6800 - Routine Capital (TG-4774 was previously combined with this line item)

| | |
|----------------|-----------|
| <u>FY 2026</u> | |
| 5307 - | \$384,000 |
| LOCAL - | \$96,000 |

TA-6707 – Planning Assistance (was previously WPRTA)

| | |
|----------------|-----------|
| <u>FY 2026</u> | |
| 5307 - | \$336,000 |
| LOCAL - | \$84,000 |

WHEREAS, the MPO certifies that this MTIP modification is consistent with the intent of the adopted 2050 Metropolitan Transportation Plan (MTP);

NOW THEREFORE be it resolved, by the Greater Hickory MPO Transportation Advisory Committee (TAC) that the MTIP FY 2024-2033 be modified as listed above on this, the 29th day of May, 2024.

Bruce Eckard
Greater Hickory MPO TAC Chair

Averi Ritchie
Greater Hickory MPO TAC Secretary



**GREATER HICKORY
METROPOLITAN PLANNING ORGANIZATION (MPO)**
1880 2nd Avenue NW, PO Box 9026
Hickory, NC 28603



**RESOLUTION ADOPTING MODIFICATIONS TO THE METROPOLITAN
TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) FY 2024-2033**

A motion was made by _____ and seconded by _____ for the adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, the following modifications have been proposed for the following line items under 5339 in the FY 2024-2033 Transportation Improvement Program (TIP):

| | |
|-------------------------|-----------|
| XX-XXXX – Rolling Stock | |
| <u>FY 2025</u> | |
| 5307 - | \$650,000 |
| LOCAL - | \$155,335 |

WHEREAS, the MPO certifies that this MTIP modification is consistent with the intent of the adopted 2050 Metropolitan Transportation Plan (MTP);

NOW THEREFORE be it resolved, by the Greater Hickory MPO Transportation Advisory Committee (TAC) that the MTIP FY 2024-2033 be modified as listed above on this, the 29th day of May, 2024.

Bruce Eckard
Greater Hickory MPO TAC Chair

Averi Ritchie
Greater Hickory MPO TAC Secretary



**GREATER HICKORY
METROPOLITAN PLANNING ORGANIZATION (MPO)**
1880 2nd Avenue NW, PO Box 9026
Hickory, NC 28603



**RESOLUTION ADOPTING MODIFICATIONS TO THE METROPOLITAN
TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) FY 2024-2033**

A motion was made by _____ and seconded by _____ for the adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, the following modifications have been proposed for the following line items under 5310 in the FY 2024-2033 Transportation Improvement Program (TIP):

TQ-9039 –Traditional Projects – Capital cost of contracting, pass through, 3rd party contracts and mobility manager (previously moved TQ-9040 to this line item and revised description)

| | |
|----------------|-----------|
| <u>FY 2025</u> | |
| 5310 - | \$300,000 |
| LOCAL - | \$75,200 |

WHEREAS, the MPO certifies that this MTIP modification is consistent with the intent of the adopted 2050 Metropolitan Transportation Plan (MTP);

NOW THEREFORE be it resolved, by the Greater Hickory MPO Transportation Advisory Committee (TAC) that the MTIP FY 2024-2033 be modified as listed above on this, the 29th day of May, 2024.

Bruce Eckard
Greater Hickory MPO TAC Chair

Averi Ritchie
Greater Hickory MPO TAC Secretary

Greater Hickory MPO
Transportation Update
May 2024

Division 11 Projects Under Development – Caldwell Co.

| <u>TIP</u> | <u>ROUTE</u> | <u>DESCRIPTION</u> | <u>ROW YEAR</u> | <u>CONST YEAR</u> | <u>TOTAL PROJECT COST</u> | <u>Status</u> | <u>Final Assigned Manager</u> | <u>Funding: S/F</u> |
|------------|-------------------------------------|--|-----------------|-------------------|---------------------------|---------------|-------------------------------|---------------------|
| BL-0002 | US 321A (MAIN STREET) | US 321A (MAIN STREET), CONSTRUCT PEDESTRIAN CROSSING IMPROVEMENTS FROM SR 1952 (CEDAR VALLEY ROAD) TO SR 1156 (LEGION ROAD). | 2025 | 2025 | \$464,000 | Planning | Division | F |
| BL-0065 | NS | Lenoir Greenway, Harper Avenue to Morganton Boulevard. Extend multi-use path. | 2024 | 2026 | \$1,862,000 | Planning | LAP | F |
| BP11-R008 | SR 1545 (COTTRELL HILL ROAD) | Replace Bridge 130011 on SR 1545 over Zachs Fork Creek in Caldwell County | 2025 | 2026 | \$900,000 | Planning | Division | S |
| BP11-R025 | SR 1927 (OLD MORGANTON ROAD) | Replace Bridge 130332 on SR 1927 over Abington Creek in Caldwell County | 2025 | 2026 | \$1,150,000 | Planning | Division | S |
| BP11-R035 | SR 1519 (HOLLYWOOD RIDGE ROAD) | Replace Bridge 130169 on SR 1519 over Warrior Creek in Caldwell County | 2026 | 2027 | \$725,000 | Planning | Division | S |
| BP11-R040 | SR 1719 (CEDAR VALLEY CHURCH ROAD) | Replace Bridge 130048 on SR 1719 over Upper Little River in Caldwell County | 2025 | 2026 | \$650,000 | Planning | Division | S |
| BP11-R041 | SR 1703 (LAXTON ROAD) | Replace Bridge 130271 on SR 1703 over UT Kings Creek in Caldwell County | 2027 | 2028 | \$650,000 | Planning | Division | S |
| BP11-R042 | SR 1328 (BROWN MOUNTAIN BEACH ROAD) | Replace Bridge 130322 on SR 1328 over Este Mill Creek in Caldwell County | 2026 | 2027 | \$500,000 | Planning | Division | S |
| BP11-R048 | SR 1571 | Replace Bridge 130342 on SR 1571 over Kings Creek in Caldwell County | 2026 | 2027 | | Planning | Division | S |
| HB-0056 | SR 1514 | SR 1514, REPLACE BRIDGE 130 OVER YADKIN RIVER. | 2026 | 2027 | \$934,000 | Planning | Division | F |
| HB-0057 | SR 1356 | SR 1356, REPLACE BRIDGE 185 OVER JOHNS RIVER. | 2024 | 2025 | \$934,000 | Planning | Division | F |
| HB-0058 | SR 1356 | SR 1356, REPLACE BRIDGE 186 OVER JOHNS RIVER. | 2024 | 2025 | \$875,000 | Planning | Division | F |
| HB-0059 | SR 1356 | SR 1356, REPLACE BRIDGE 275 OVER JOHNS RIVER. | 2024 | 2025 | \$934,000 | Planning | Division | F |

Greater Hickory MPO
Transportation Update
May 2024

| | | | | | | | | |
|----------|-------------------------------------|---|------|------|---------------|------------|--------------------|---|
| HB-0060 | SR 1356 | SR 1356, REPLACE BRIDGE 317 OVER JOHNS RIVER. | 2024 | 2025 | \$1,214,000 | Planning | Division | F |
| HB-0061 | SR 1574 | SR 1574, REPLACE BRIDGE 349 OVER JONES CREEK. | 2026 | 2027 | \$748,000 | Planning | Division | F |
| HF-0003 | SR 1328 (BROWN MOUNTAIN BEACH ROAD) | SR 1328 (BROWN MOUNTAIN BEACH ROAD) WIDEN ROADWAY TO 20 FEET IN FIVE LOCATIONS ALONG WILSON CREEK. | 2024 | 2025 | \$1,575,000 | Planning | Division-Slaughter | F |
| R-3430B | SR 1001 (CONNELLY SPRINGS ROAD) | SR 1001 (CONNELLY SPRINGS ROAD), BURKE COUNTY CONSTRUCT NEWPARALLEL BRIDGE OVER CATAWBA RIVER. | 2022 | 2025 | \$20,252,000 | Planning | Central | S |
| R-3430C | SR 1001 (CONNELLY SPRINGS ROAD) | SR 1001 (CONNELLY SPRINGS ROAD) FROM CATAWBA RIVER TO SR 1933 (SOUTH-WEST BOULEVARD). MODERNIZE ROADWAY TO INCLUDE BICYCLE AND PEDESTRIAN ACCOMMODATIONS. | 2028 | 2031 | \$78,508,000 | Planning | Central | S |
| U-4700B | US 321 | FROM US 321A TO SR 1108 (MISSION ROAD) | 2040 | 2040 | \$154,000,000 | Planning | Central | F |
| U-4700C | US 321 | US 321 FROM SR 1108 (MISSION ROAD) TO SR 1933 (SOUTHWEST BLVD). WIDEN TO SIX LANES. | 2040 | 2040 | \$24,000,000 | Planning | Central | F |
| U-4700CA | US 321 | SR 1160 (MOUNT HERMAN ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN. - WITHIN THE LIMITS OF U-4700 C. | 2019 | 2024 | \$7,620,000 | In R/W | Division | F |
| U-4700CB | US 321 | AT SR 1809/1952 (PINE MOUNTAIN ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN. | 2019 | 2024 | \$12,500,000 | In R/W | Division | F |
| U-4700CC | US 321 | AT SR 1108 (MISSION ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN | 2019 | 2024 | \$8,850,000 | In R/W | Division | F |
| U-6034 | US 321 ALT | DUKE STREET TO PINEWOODS ROAD | 2024 | 2027 | \$25,600,000 | 30% Plans | Division | S |
| U-6036 | SR 1109 (PINEWOODS RD) | US 321 TO BERT HUFFMAN ROAD. UPGRADE ROADWAY. | 2020 | 2024 | \$12,600,000 | 90 % Plans | Division | S |
| U-6157 | SR 1130 (CAJAH MOUNTAIN ROAD) | SR 1130 (CAJAH MOUNTAIN ROAD) FROM SR 1001 (CONNELLY SPRINGS ROAD) TO US 321A | 2024 | 2027 | \$43,301,000 | R/W soon | Division | F |
| U-6161 | US 321 | US 321 FROM SR 1002 (DUDLEY SHOALS ROAD) GRADE SEPARATION. CONSTRUCT RAMP ONTO US 321 SOUTHBOUND. | 2025 | 2027 | \$5,000,000 | Planning | Division | F |

Greater Hickory MPO
 Transportation Update
 May 2024

Division 11 Projects Under Construction

| <u>Contract Number</u> | <u>County</u> | <u>TIP#</u> | <u>Route</u> | <u>Location Description</u> | <u>Contract Amount</u> | <u>Contractor</u> | <u>Construction Progress %</u> | <u>Completion Date</u> |
|------------------------|---------------|-------------|------------------------------|---|------------------------|------------------------|--------------------------------|------------------------|
| DK00259 | CALDWELL | R-5775 | US 321 | IMPROVE INTERSECTION AT US 321 (HICKORY BLVD) AND SR 1109 (PINEWOOD ROAD EXT) | \$1,682,361.75 | TRI-COUNTY PAVING INC | 73 % | 2023 |
| DK00344 | CALDWELL | BP11-R001 | NC-268 | BRIDGE NO. 130029 ON NC 268 OVER YADKIN RIVER | \$2,973,493.95 | EASTERN STRUCTURES LLC | 82 % | 04/25 |
| DK00367 | CALDWELL | U-6033 | US 64 | US 64 (NC 18) AND SR 1142 (CALLICO ROAD) INTERSECTION IMPROVEMENTS | \$3,574,459.72 | TRI-COUNTY PAVING INC | 48 % | 4/25 |
| DK00390 | CALDWELL | U-6035 | SR 1002 (DUDLEY SHOALS ROAD) | CONSTRUCT ROUNDABOUT AT GRACE CHAPEL/CAMPGROUND/PEACH ORCHARD ROAD) | n/a | Smith-Rowe | 0 | 5/25 |

May 2024 Progress Report for Division 12 Projects in GHMPO

Active Construction Projects

| Contract/ TIP # | County | Route | Project Description | Status | % Complete |
|--------------------|-----------------------------|--|-------------------------------|------------------|------------|
| DL00290, HS-2012D | Alexander, Catawba, Iredell | Various Secondary Roads | Resurfacing for 127.57 miles. | Underway. | 68% |
| C204804 | Catawba, Iredell | I-40 from East of SR 1007 (1st St. West) to East of NC 115 | Resurfacing for 0.861 miles. | Underway. | 55% |
| C204848 | Catawba | 1 Section of US 70, 1 Section of NC 10 and 16 Sections of Secondary Roads. | Resurfacing for 31.17 miles. | Underway. | 32% |
| DL00296 | Catawba | Bridge No 85 on SR 1734 (Travis Rd) | Bridge Replacement | Project Complete | 100% |
| DL00302 | Catawba | Bridge No 59 on SR 1120 (Greedy Hwy.) | Bridge Replacement | Project Complete | 100% |

Active Projects Under Development

| Contract/ TIP # | County | Route | Project Description | Status | % Complete |
|--------------------|---------|--------|---|--|------------|
| U-4700 A | Catawba | US 321 | Widen to six lanes from north of US 70 in Hickory to US 321A. Length 3.2 miles. | Right-of-Way acquisition underway. Work on multiple disciplines also underway. The projected schedule for Construction let is August of 2026. | NA |
| U-5777 | Catawba | NC 127 | Add turn lanes from 1st Ave SE to 2nd Ave SE. | Right of Way acquisition in progress. Redesigned to shorten turn lane to reduce impacts to adjacent properties and reduced vertical profile to facilitate constructability. Let date scheduled for December of 2024. | NA |

| Contract/ TIP # | County | Route | Project Description | Status | % Complete |
|----------------------------|---------------------|---------------------------------|---|--|-------------------|
| U-6041 | Alexander | US 64 at SR 1124 (Church Rd) | Add left turn lanes on westbound US 64/ NC 90. | The projected schedule for Right of Way and Construction is in FY 2024 and FY 2025 respectively. Engineering work is ongoing. | NA |
| R-3603A | Alexander | NC 127 | Widen to multi-lanes from SR 1400 (Cloninger Mill Rd) in Catawba County to SR 1156 (Richey Rd) in Alexander County. | The projected schedule for Right of Way and Construction is in FY 2024 and FY 2026 respectively. Design work in progress. | NA |
| U-2530A | Catawba | NC 127 | Widen to multi-lanes from SR 1132 (Huffman Road) to SR 1008 (Zion Church Road). | The projected schedule for Right of Way and Construction is in FY 2025 and FY 2027 respectively. Engineering work is ongoing. Public meeting held on March 21, 2024. | NA |
| R-2307A | Catawba, Lincoln | NC 150 | Relocated NC 16 to East of SR 1840 (Greenwood Rd). Widen to 4 lanes. | The projected schedule for Right of Way and Construction is in FY 2027 and FY 2030 respectively. Preliminary survey underway. | NA |
| B-5847 | Catawba | SR 1709 (Rock Barn Road) | Replace Bridge 170173 over I-40. | The projected schedule for Right of Way, Utility relocation and Construction is in FY 2023 FY 2024 and FY 2030 respectively. Right of Way acquisition is ongoing. Public Meeting held on July 12, 2022 in Conover. The project proposes roundabout at the ramp terminals and also considering a multiuse path and sidewalks over I-40. | NA |

NCDOT Division 13 - Construction Progress Report - May 2024

| Contract Number | County | TIP# | Route | Location Description | Completion Date | Completion Percent |
|------------------------|-------------------------------------|--------------------------------|------------------------------------|--|------------------------|---------------------------|
| C204406 | Buncombe, Burke, McDowell, Mitchell | B-6011, B-6013, B-6014, B-6016 | SR-1106, SR-1430, SR-1781, SR-2027 | 1 BRIDGE IN BUNCOMBE COUNTY, 1 BRIDGE IN BURKE COUNTY, 1 BRIDGE IN MCDOWELL COUNTY, AND 1 BRIDGE IN MITCHELL COUNTY. | 10/22/2024 | 66.84% |
| C204716 | Burke | B-5869 | US-64 | BRIDGE #99 OVER NORFOLK SOUTHERN RAILROAD ON US-64/US-70 IN MORGANTON. | 1/11/2028 | 22.24% |
| C204889 | Burke | | NC-126, NC-181, SR-Multi | 1 SECTION OF NC-126, 1 SECTION OF NC-181 NORTH, AND 24 SECTIONS OF SECONDARY ROADS. | 11/15/2024 | 89.41% |
| DM00408 | Burke | R-5793JA | NC-18, NC-181, US-64, US-70 | VARIOUS | 8/30/2024 | 93.36% |
| DM00414 | Burke | | SR-1001 | OVER I-40 ON SR-1001 (RUTHERFORD COLLEGE RD/MALCOMB BLVD) | 8/22/2025 | 0.00% |
| DM00433 | Burke, McDowell, Rutherford | R-5793KA | SR-2179, US-64, US-70, US-70B | VARIOUS PRIMARY AND SECONDARY ROUTES | 6/13/2025 | 57.95% |
| DM00441 | Burke | | - | VARIOUS SECONDARY ROUTES | 9/12/2025 | 0.00% |
| DM00442 | Burke, Rutherford | | - | VARIOUS SECONDARY ROUTES | 11/21/2025 | 0.00% |
| DM00449 | Burke | R-5967 | SR-1625 | SR-1625 (9TH AVE DR NW) | 10/30/2026 | 0.00% |

NCDOT Contact: Travis J. Henley (828) 803-6120

Division 13, GHMPO Project Development Update, May 2024

| Project ID | Project Manager Name | County | Description | R/W Acq. Begins | Let Date | Funding Program Description |
|------------|----------------------|--------|--|-------------------------------|-------------------------------|--|
| I-5008 | BRENDAN MERITHEW | BURKE | I-40 AT SR 1734/SR 1826 (EXIT 111) (COMB W/I-5875) | Non-committed / Reprioritized | Non-committed / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| I-5009 | MICHAEL G. CLARK | BURKE | I-40 AND US 64 (BURKEMONT ROAD) | Non-committed / Reprioritized | Non-committed / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| I-5874 | BRENDAN MERITHEW | BURKE | I-40 AT SR 1142 (JAMESTOWN ROAD) - EXIT 100 UPGRADE INTERCHANGE | Non-committed / Reprioritized | Non-committed / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| I-5875 | BRENDAN MERITHEW | BURKE | I-40 AT SR 1712 (DREXEL ROAD), UPGRADE INTERCHANGE. (COMB W/I-5008) | Non-committed / Reprioritized | Non-committed / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| I-5975 | CLAUDIA W. LEE | BURKE | I-40 AT EXIT 112 AND SR 1744(MINERAL SPRINGS MOUNTAIN ROAD)/ SR 1744 (ELDRED STREET SE) | Not Funded / Reprioritized | Not Funded / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| I-6058 | BRENDAN MERITHEW | BURKE | I-40 AT SR 1744 (CAUSBY ROAD) | Not Funded / Reprioritized | Not Funded / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| R-3430A | ELISE F. BIELEN | BURKE | SR 1001 (MALCOLM BOULEVARD) FROM US 70 TO CATAWBA RIVER. MODERNIZE ROADWAY TO INCLUDE BICYCLE AND PEDESTRIAN ACCOMMODATIONS. | Not Funded / Reprioritized | Not Funded / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| U-5978 | BRENDAN MERITHEW | BURKE | NC 181 FROM SR 1440 TO SR 1419. WIDEN TO 3 LANES. | Not Funded / Reprioritized | Not Funded / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| U-6123 | BRENDAN MERITHEW | BURKE | US 64 (BURKEMONT AVENUE) BURKE COUNTY AT US 70 (W. FLEMING DRIVE) INTERSECTION. IMPROVE INTERSECTION. | Not Funded / Reprioritized | Not Funded / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| U-6164 | BRENDAN MERITHEW | BURKE | NC 126 FROM SR 1250 (WATERMILL ROAD) TO SR 1254 (FISH HATCHERY ROAD). MODERNIZE ROADWAY. | Not Funded / Reprioritized | Not Funded / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| I-5971 | BRENDAN MERITHEW | BURKE | I-40 FROM SR 1761 (OLD HIGHWAY NC10)-EXIT 116 UPGRADE INTERCHANGE AND REMOVE TWO-WAY TRAFFIC | Non-committed / Reprioritized | Non-committed / Reprioritized | HIGHWAY - STI (PRIORITIZATION) |
| BR-0130 | DAVID STUTTS | BURKE | Replace Bridges 110114 and 110120 on I40 over Silver Creek. | 3/11/2025 | 1/15/2030 | HIGHWAY FUND BRIDGE / BRIDGE PROGRAM |
| U-5836 | BRENDAN MERITHEW | BURKE | NC 181 FROM SR 1414 (ST. MARY'S CHURCH ROAD) TO MORGANTON ETJ WIDEN EXISTING ROADWAY | 10/12/2026 | 6/19/2029 | HIGHWAY - STI (PRIORITIZATION) |
| I-5891B | BRENDAN MERITHEW | BURKE | I-40 FROM MILE MARKER 105 TO MILE MARKER 112 PAVEMENT REHABILITATION AND BRIDGE REHABILITATION | | 3/20/2029 | HIGHWAY - INTERSTATE MAINTENANCE |
| RX-2013C | NANCY HORNE | BURKE | HIGHWAY-RAILWAY GRADE CROSSING SIGNALS AND GATES ON HOGAN STREET AT NORFOLK SOUTHERN RAILWAY CROSSING 729506G IN MORGANTON, BURKE COUNTY, NC | | 6/2/2026 | |
| I-5990 | MICHAEL G. CLARK | BURKE | I-40 AT EXIT 118 - SR 1761 (OLD NC 10). CONSTRUCT INTERCHANGE IMPROVEMENTS. | 12/11/2024 | 12/16/2025 | HIGHWAY - STI (PRIORITIZATION) |
| BL-0001 | BRENDAN MERITHEW | BURKE | MAIN AVENUE EAST CONSTRUCT PEDESTRIAN IMPROVEMENTS FROM 2ND STREET SE TO US 70. | 7/31/2025 | 12/3/2025 | BIKE & PED - LOCALLY SELECTED |
| EB-5978 | BRENDAN MERITHEW | BURKE | COLLEGE STREET MULTIMODAL CONNECTOR TRAIL FROM NORTH GREEN STREET TO US 70 IN MORGANTON | 9/27/2024 | 9/26/2025 | BIKE & PED - STI (PRIORITIZATION) |
| R-3430B | ELISE F. BIELEN | BURKE | SR 1001 (CONNELLY SPRINGS ROAD), BURKE COUNTY CONSTRUCT NEW PARALLEL BRIDGE OVER CATAWBA RIVER. | 3/22/2022 | 9/17/2024 | HIGHWAY FUND BRIDGE / BRIDGE PROGRAM |
| HS-2013R | BRENDAN MERITHEW | BURKE | VARIOUS PRIMARY AND SECONDARY TWO LANE ROADWAYS. INSTALL LONG LIFE PAVEMENT MARKINGS. | | 6/19/2024 | HIGHWAY - SAFETY |
| HA-0001 | BRENDAN MERITHEW | BURKE | NEW ROUTE, CONSTRUCT ACCESS ROAD INTO BURKE COUNTY INDUSTRIAL PARK. | | 7/15/2024 | HIGHWAY - APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM |