Create and execute continuing, cooperative and comprehensive regional long-range planning efforts that proactively drive transportation decisions to improve safety, connectivity, economic development and quality of life in the Wilmington region.

Technical Coordinating Committee
Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: November 9, 2022
SUBJECT: November 16th meeting

A meeting of the Wilmington Urban Area MPO’s Technical Coordinating Committee (TCC) will be held on Wednesday, November 16, 2022, at 10:00 am. This meeting will be held in the 4th Floor Technology Conference Room located at 305 Chestnut Street in downtown Wilmington. Members of the public, TCC Members and MPO Staff can attend the meeting in person and virtually through the Zoom platform. The meeting will be streamed live online so that simultaneous live audio, and video, if any, of the meeting is available at the following URL:
https://us06web.zoom.us/j/86755841388?pwd=L3ZiWE5vTkxmR2EzTkIFQktvQi9yQT09

Simultaneous live audio of the meeting is also available via audio conference at the following dial in numbers: 301 715 8592 or 646 558 8656 and entering the following credentials:
Meeting ID: 867 5584 1388
Passcode: 158784

Please join the meeting in person or from your computer, tablet or smartphone.

The following is the agenda for the meeting:
1) Call to Order
2) Approval of the Agenda
3) Consent Agenda
   a. Approval of TCC Meeting Minutes- October 12, 2022
   b. Opening of the 30-day public comment period for 2020-2029 STIP/MPO Amendment #22-7
   c. Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-10
   d. Resolution adopting the 2023 Meeting Schedule
   e. Resolution supporting the endorsement of Safety Target Performance Measures for 2023
   f. Resolution supporting Roadway Project Swaps for the 2024-2033 State Transportation Improvement Program
   g. Resolution supporting an Aviation Project Swap for the 2024-2033 State Transportation Improvement Program
4) Regular Agenda
   a. Resolution supporting an amendment to the Wilmington Urban Area Metropolitan Planning Organization’s Transportation Improvement Program and requesting the North Carolina Department of Transportation remove the Clarendon Avenue Multi-use Path (EB-6029) from the State/MPO Transportation Improvement Programs

5) Discussion
   a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-11
   b. Military Cutoff Road/Eastwood Road Interchange
   c. 2022-2026 MPO Strategic Plan 2022 Accomplishments

6) Updates
   a. Wilmington Urban Area MPO
   b. Cape Fear Public Transportation Authority
   c. NCDOT Division
   d. NCDOT Transportation Planning Division

7) Announcements
   a. Direct Attributable (DA) Training- December 6th
   b. Wilmington MPO Bike/Pedestrian Committee- December 13th

8) Next meeting- January 11, 2023 (tentative)

Attachments:
- TCC Meeting Minutes- October 12, 2022
- Proposed 2020-2029 STIP/MPO Amendment #22-7
- Proposed 2020-2029 STIP/MPO Administrative Modification #22-10
- Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-10
- Proposed 2023 Meeting Schedule
- Resolution adopting the 2023 Meeting Schedule
- NCDOT Safety Performance Measures Memorandum
- Resolution supporting the endorsement of Safety Target Performance Measures for 2023
- Revised Draft 2024-2033 STIP Potential Project Swaps Memorandum
- Resolution supporting Roadway Project Swaps for the 2024-2033 State Transportation Improvement Program
- Resolution supporting an Aviation Project Swap for the 2024-2033 State Transportation Improvement Program
- Resolution from the Town of Carolina Beach
- Resolution supporting an amendment to the Wilmington Urban Area Metropolitan Planning Organization’s Transportation Improvement Program and requesting the North Carolina Department of Transportation remove the Clarendon Avenue Multi-use Path (EB-6029) from the State/MPO Transportation Improvement Programs
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-11
- Military Cutoff Road/Eastwood Road Interchange Memorandum
- 2022-2026 MPO Strategic Plan 2022 Accomplishments Matrix
- Wilmington Urban Area MPO Update (November)
- Cape Fear Public Transportation Authority Update (November)
- NCDOT Division Project Update (November)
- NCDOT Transportation Planning Division Project Update (November)
Wilmington Urban Area MPO
Technical Coordinating Committee
Wednesday, October 12, 2022
Remote Meeting Minutes

Members Present
Stephanie Ayers, NC State Ports Authority
Helen Bunch, Brunswick County
Adrienne Cox, NCDOT
Jeremy Hardison, Town of Carolina Beach
Adrienne Harrington, Town of Belville
Vanessa Lacer, Town of Leland
Rachel LaCoe, New Hanover County
Abby Lorenzo, WMPO
Marie Parker, Wave Transit
Nazia Sarder, NCDOT Transportation Planning
Denys Vielkanowitz, City of Wilmington
Carolyn Caggia, WMPO

Others Present
Carolyn Caggia, WMPO
Karlene Ellis Vitalis, New Hanover County
Cheryl Hannah, HDR Engineering
Regina Hopkins, WMPO
David Hursey
Scott James, WMPO
Jamar Johnson, WMPO
Sean Kane
Bill Kincannon, HDR Engineering
Rachel McIntyre, WMPO
Amy Passaretti, Port City Daily
Seth Poole, Stantec
Greer Shivers, WMPO
Emma Stogner, WMPO

Members Absent
Michelyn Alston, Town of Navassa
Granseur Dick, Wilmington International Airport
Patrick Flanagan, Cape Fear Council of Governments
Mike Kozlosky, WMPO
Travis Henley, Pender County
Robert O’Quinn, Town of Wrightsville Beach
Mandy Sanders, Town of Kure Beach

1) Call to Order
Vice Chair Nazia Sarder turned over the remote meeting to MPO Deputy Director Abby Lorenzo, who called the meeting to order at 10:00 a.m. She called the roll, and a quorum was present, as follows:

Present: Stephanie Ayers, Adrienne Cox, Jeremy Hardison, Adrienne Harrington, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. Absent: Michelyn Alston, Helen Bunch, Granseur Dick, Patrick Flanagan, Mike Kozlosky, Travis Henley, Robert O’Quinn and Mandy Sanders.

Ms. Lacer noted that she now represents the Town of Leland.

2) Approval of the Agenda
Ms. Harrington made a motion to approve the agenda as presented. Ms. Ayers seconded the motion and it carried unanimously by roll call, as follows:

Ayes: Stephanie Ayers, Adrienne Cox, Jeremy Hardison, Adrienne Harrington, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. Nays: None.
**Absent:** Michelyn Alston, Helen Bunch, Granseur Dick, Patrick Flanagan, Mike Kozlosky, Travis Henley, Robert O’Quinn and Mandy Sanders.

3) **Presentations**

   a. **Infrastructure Investment and Jobs Act Grant Opportunities, Emma Stogner- WMPO**

   WMPO Associate Transportation Planner Emma Stogner gave an overview of the Infrastructure Investment and Jobs Act (IIJA) Grant Opportunities available to MPO:

<table>
<thead>
<tr>
<th>Planning Grants</th>
<th>Project Grants (Implementation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Prioritization Process Pilot Program</td>
<td>• Consent Agenda INFRA</td>
</tr>
<tr>
<td>• PROTECT Grants</td>
<td>• Bridge Investment Program</td>
</tr>
<tr>
<td>• Reconnecting Communities</td>
<td>• Wildlife Crossing Pilot Program</td>
</tr>
<tr>
<td>• Neighborhood Access and Equity Grant Program (Inflation Reduction Act)</td>
<td></td>
</tr>
<tr>
<td>• Railroad Crossing Elimination Program</td>
<td>• Charging and Fueling Infrastructure Grants</td>
</tr>
<tr>
<td>• RAISE</td>
<td>• Strategic Innovation for Revenue Collection</td>
</tr>
<tr>
<td>• Safe Streets and Roads for All</td>
<td>• ATTAIN</td>
</tr>
<tr>
<td>• SMART</td>
<td>• Low-Carbon Transportation Materials Grants</td>
</tr>
<tr>
<td></td>
<td>• MEGA</td>
</tr>
</tbody>
</table>

   Ms. Stogner said that other grants available to local governments, but not to the MPO, are also included in the presentation. Ms. Ayers asked for a copy of the presentation. Ms. Stogner responded that the presentation will be distributed to all members of the TCC.

4) **Consent Agenda**

   a. **Approval of TCC Meeting Minutes- September 14, 2022**
   b. **Resolution approving 2020-2029 STIP/MPO Amendments # 22-6**
   c. **Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-9**
   d. **Resolution accepting donations for the 2022 Commuter Challenge**

   Ms. Lacer made a motion to approve the Consent Agenda items as presented, and to forward the items to the MPO Board for consideration. Ms. Harrington seconded the motion, and it carried unanimously by roll call as follows:

   **Ayes:** Stephanie Ayers, Helen Bunch, Adrienne Cox, Jeremy Hardison, Adrienne Harrington, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. **Nays:** None. **Absent:**
5) **Regular Agenda**

a. **Resolution approving Amendment #2 to the FY 23 Unified Planning Work Program**

Ms. Lorenzo said that Amendment #2 to the MPO’s FY23 Unified Planning Work Program (UPWP) would add a special study for a MPO organizational analysis using existing funds in the budget. She noted that the organizational study will evaluate the MPO’s current staffing structure and provide recommendations to handle any changes to the MPO area resulting from the 2020 Census.

Ms. Lorenzo estimated that the special study would cost approximately $50,000. She noted that staff recommends reallocating $8,000 in surplus balance from the Pender County Bicycle and Pedestrian Study, $15,000 for the MTP Development Study to be postponed until FY24, and $26,000 in savings from the management and operations line.

Ms. Cox made a motion to approve Amendment #2 to the FY23 UPWP. Ms. Parker seconded the motion, and it carried unanimously by roll call as follows:

**Ayes:** Stephanie Ayers, Helen Bunch, Adrienne Cox, Jeremy Hardison, Adrienne Harrington, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. **Nays:** None.

**Absent:** Michelyn Alston, Granseur Dick, Patrick Flanagan, Mike Kozlosky, Travis Henley, Robert O’Quinn and Mandy Sanders.

b. **Resolution requesting the North Carolina Department of Transportation complete a Safety Feasibility Study on NC 210 in Pender County**

Ms. Lorenzo said that Pender County has requested a feasibility study for the NC 210 corridor between Hampstead and Rocky Point to study safety and capacity challenges impacted by population growth and the current construction of the Hampstead Bypass. She noted that the study will help determine the need for widening the NC 210 corridor and is supported by the MPO’s current long-range transportation plan, Cape Fear Moving Forward 2045.

Ms. Lacer made a motion to request the feasibility study. Mr. Parker seconded the motion, and it carried unanimously by roll call as follows:

**Ayes:** Stephanie Ayers, Helen Bunch, Adrienne Cox, Jeremy Hardison, Adrienne Harrington, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. **Nays:** None.
Absent: Michelyn Alston, Granseur Dick, Patrick Flanagan, Mike Kozlosky, Travis Henley, Robert O’Quinn and Mandy Sanders.

c. Resolution approving the award of FY 23 Direct Attributable Funds

Transportation Planning Engineer Scott A. James expressed appreciation to those who responded to the call for projects by the deadline with complete applications. He said that six projects were reviewed and scored according to the new State Transportation Block Grant Program (STBGP) guidelines. He noted that for FY23, a new category, Carbon Reduction (CR), has been added with a $492,634 allocation. He added that one project was recommended from CR funds and the rest were awarded from Direct Attributable (DA) funds. He announced the six recommended project awards as follows in descending order, from high score to lower score:

New Hanover County
Monkey Junction Pedestrian Improvements Project – Multi-use path (W – 5703C) $461,949

Town of Leland
US 17 Pedestrian Crossing Safety Improvements $666,623

City of Wilmington
South 3rd Street and Ann Street Traffic Signal Installation $971,840

Cape Fear Public Transportation Authority (WAVE)
Passenger Amenity Upgrades (installation of transit shelters and benches) (CR) $339,000

Town of Wrightsville Beach
Causeway Drive Bicycles and Pedestrian Improvements $269,245

NC Department of Transportation – Division 3 Traffic Services
South 3rd Street and Orange Street Traffic Signal Installation $542,400

Mr. James reminded committee members that the annual FY23 allocation is slightly more than $5 million. He said that since the total amount awarded did not exceed the amount available, the balance of funds will remain in reserve.

Ms. Ayers made a motion to approve the award of FY23 DA funds. Mr. Lacer seconded the motion, and it carried unanimously by roll call as follows:

Ayes: Stephanie Ayers, Helen Bunch, Adrienne Cox, Jeremy Hardison, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. Nays: None. Absent: Michelyn
Alston, Granseur Dick, Patrick Flanagan, Adrienne Harrington, Mike Kozlosky, Travis Henley, Robert O’Quinn and Mandy Sanders.

In response to an inquiry by Ms. Lacer, Mr. James said that no additional call would be held and that the target dates for calls is typically in July of each year. He noted that the reserved funds will be available for previously approved projects based on past practices.

Ms. Cox expressed appreciation on behalf of NCDOT.

6) **Discussion**

a. **2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-10**

Ms. Lorenzo said that this item is for information purposes only.

b. **Revised Draft 2024-2033 State Transportation Improvement Program**

Ms. Lorenzo said that a memo has been included in the agenda packet outlining potential project swap scenarios identified by the MPO and NCDOT Division 3. Based on conversations with Division 3 and the State Transportation Improvement Program (STIP) unit, a revised memorandum with two potential swap scenarios was distributed to members last night, as follows:

<table>
<thead>
<tr>
<th>Scenario A</th>
<th>Scenario B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Swap in:</strong></td>
<td><strong>Swap in:</strong></td>
</tr>
<tr>
<td>U-5734, US-421/South Front Street Widening Project between Burnett Boulevard and the Cape Fear Memorial Bridge</td>
<td>U-5734, US-421/South Front Street Widening between Burnett Boulevard and the Cape Fear Memorial Bridge</td>
</tr>
<tr>
<td>U-6128, Greenville Loop Road and Greenville Avenue at Oleander Drive intersection Improvements</td>
<td>U-6128, Intersection Improvements at Greenville Loop Road and Greenville Avenue</td>
</tr>
<tr>
<td><strong>Swap to PE only:</strong></td>
<td><strong>Swap to PE only:</strong></td>
</tr>
<tr>
<td>U-5732, Conversion of US-17 in Hampstead to a Superstreet from Washington Acres Road to Vista Lane</td>
<td>U-5732, Conversion of US-17 in Hampstead to a Superstreet</td>
</tr>
<tr>
<td><strong>Swap out/remove:</strong></td>
<td><strong>Delay by two years:</strong></td>
</tr>
<tr>
<td></td>
<td>U-3338C, Interchange at Kerr Avenue and Martin Luther King Jr. Parkway, let date to FY 28</td>
</tr>
</tbody>
</table>
Ms. Lorenzo said that Wilmington International Airport has also proposed to swap in Runway Rehabilitation Project (AV-5885) and swap out Runway Extension 6-24 Phase 1 (AV-5730). She added that staff requests feedback from TCC members on the proposed swap scenarios, which will be forwarded to the MPO Board at the end of the month for discussion.

Ms. Cox expressed appreciation and added that Mr. Kimes would like to review the timing of MLK and College Road Interchange Project to avoid conflicts in project management. She noted that dates would be added to the swap table. In response to an inquiry by Ms. Ayers, Ms. Cox responded that no conflict is anticipated, and advised that discussion regarding the swap scenarios continue.

Ms. Lacer expressed appreciation for the compromise on U-5732 in Pender County and for keeping it in the STIP. She noted that Pender County plans to invest in sidewalks for this portion of US 17.

c. **2050 Metropolitan Transportation Plan**

Ms. Lorenzo said that staff is recommending some process improvements for the 2050 Metropolitan Transportation Plan (MTP). She noted that after the development of the 2045 Plan, staff discussed the development structure and researched the development processes of the other MPOs in the state of North Carolina.

Ms. Lorenzo said that staff intends to kick-off development efforts for the 2050 MTP in the spring of 2023. Prior to the launch, staff will create a branding package, and formulate public outreach and committee schedules. She reminded committee members that the MTP must be adopted within five years of the current plan, which was adopted on November 18, 2020. Therefore, November 18, 2025, is the absolute deadline for adoption of the 2050 Plan.

Ms. Lorenzo said that staff proposes to change the role of the Citizens Advisory Committee (CAC) to advise and assist with public outreach activities throughout the development of the plan. Staff also proposes to establish a MTP Committee to guide and direct the development of the plan and work closely with MPO staff. The proposed MTP Committee would consist of a modal subject matter expert, local planning partners, members of the Environmental Justice (EJ) community as well as representatives from the CAC and the Bicycle and Pedestrian Advisory Committee (BPAC). It would
also incorporate new voices into the development process, possibly from the public health sector. Additionally, instead of having individual modal subcommittees, staff proposes to use the MTP Committee to develop a modal criteria matrix from the plan’s overarching vision and goals, rather than from separate modal goals and objectives.

Ms. Lorenzo explained that these changes will simplify the process and utilize the MPO’s existing BPAC to identify priority areas in the region for the MTP Committee. For the next cycle, she noted that staff envisions holding numerous regional stakeholder meetings, which were not part of the 2045 MTP process. She commented that subject specific stakeholder meetings will help ensure that the MPO is hearing from every sector in the community and will feed into the overall public outreach results presented to the MTP Committee working through the modal elements. Additionally, staff intends to meet with each of the member jurisdictions’ TCC member, BPAC member, CAC member and MPO Board member to discuss the results from public outreach to get a better understanding of project priorities and align the plan with them for better support in the region.

Ms. Lorenzo said that modal deliverables will be similar to the 2045 Plan’s with project recommendations and policy recommendations. However, staff proposes to endorse the airport’s layout plan to avoid duplication of efforts, since it is the only airport in the region. Staff also recommends referring to the bicycle and pedestrian element as active transportation. And as mentioned earlier, staff would work with BPAC to narrow down priority areas in the region and have meetings with each member jurisdiction to better understand the type of projects needed in those areas. Additionally, instead of having a freight/rail component and passenger rail component under public transportation, staff proposes to include passenger rail in the rail element, and truck freight in the roadway element.

Ms. Lorenzo said that the final recommendation is to include the Comprehensive Transportation Plan (CTP) update as an appendix to the document. She noted that during the 2045 MTP process, hundreds upon hundreds of needs were identified, and more than a thousand projects were identified in the bicycle and pedestrian element. To avoid plan fatigue in the region, and to recognize the hard work that goes into the MTP in identifying all projects, whether fiscally constrained or not, as being regionally significant, staff proposes that the CTP be an appendix of the MTP. She added that the proposed changes will be presented to the MPO Board at the end of the month.

Ms. Lacer expressed support for the proposed changes, particularly unified goals and visions, which would create a stronger plan.
7) Updates
   a. Wilmington Urban Area MPO
   b. Cape Fear Public Transportation Authority
   c. NCDOT Division
   d. NCDOT Transportation Planning Division

Ms. Lorenzo said that the updates are included in the agenda packet.

8) Announcements
   a. Wilmington MPO Bike/Pedestrian Committee- December 13th
   b. Commuter Challenge- October 14th-30th
      Ms. Lorenzo announced that the 2022 Commuter Challenge will kick off on Friday at Wave’s Fall Festival. She encouraged members to participate.
   c. Next TCC meeting- November 16th

Ms. Lorenzo acknowledged that the MPO is now fully staffed. She introduced Associate Transportation Planner Carolyn Caggia, who will be assisting with the Transportation Demand Management (TDM) Program. Ms. Caggia, who relocated from Raleigh, expressed appreciation, and gave a brief overview of her prior experience at UNC-Chapel Hill and NC State University.

9) Adjournment

There being no further business, Ms. Cox made a motion to adjourn the meeting, seconded by Ms. Bunch, and meeting was adjourned at 11:03 a.m. by roll call as follows:


THE ABOVE MINUTES ARE NOT A VERBATIM RECORD OF THE PROCEEDINGS.
THE ENTIRE PROCEEDINGS ARE RECORDED DIGITALLY AS PART OF THIS RECORD.
STATEWIDE PROJECT

STIP ADDITIONS

STATEWIDE TRAFFIC OPERATIONS

IMPLEMENT

STATEWIDE TRAFFIC OPERATIONS ACTIVITIES SUCH AS TRAFFIC MANAGEMENT CENTERS, TRAVELER INFORMATION, INTELLIGENT TRANSPORTATION SYSTEMS (ITS), AND TRAFFIC INCIDENT AND EVENT MANAGEMENT ACROSS THE ENTIRE STATE.

ADD PROJECT AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.

IMPLEMENTATION

FY 2024 - (CRPANY)
$4,000,000

FY 2024 - (S(M))
$1,000,000

FY 2025 - (CRPANY)
$4,000,000

FY 2025 - (S(M))
$1,000,000

$10,000,000

HO-0010B

STATEWIDE PROJECT

- STATEWIDE

PROJ.CATEGORY

STATEWIDE PROJECT

- STATEWIDE

HO-0001

STATEWIDE PROJECT

- STATEWIDE

PROJ.CATEGORY

STATEWIDE PROJECT

- STATEWIDE

VARIABLE, UTILITY ENCROACHMENT AND UTILITIES

ADD PROJECT AT THE REQUEST OF THE TECHNICAL SERVICES DIVISION.

ENGINEERING

FY 2023 - (NEVI)
$500,000

FY 2023 - (NEVI)
$500,000

$1,365,000

PROJ.CATEGORY

STATEWIDE PROJECT

- STATEWIDE

PROJ.CATEGORY

STATEWIDE PROJECT

- STATEWIDE

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #22-7

(October 2022)
<table>
<thead>
<tr>
<th></th>
<th>FY 2023</th>
<th>FY 2024</th>
<th>FY 2025</th>
<th>FY 2026</th>
<th>FY 2027</th>
<th>FY 2028</th>
<th>FY 2029</th>
<th>AFTER FY 2029</th>
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<tr>
<td>STIP</td>
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<td>$105,000</td>
<td>$105,000</td>
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<tr>
<td>M-0555SW</td>
<td>$1,365,000</td>
<td>$1,820,000</td>
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**STATEWIDE PROJ.CATEGORY**

STATEWIDE PROJECT - VARIOUS, UTILITY ENCROACHMENT AND ADMINISTRATIVE ACTIVITIES.

ADD PROJECT AT THE REQUEST OF THE TECHNICAL SERVICES DIVISION.

**UTILITY**

- FY 2023: $140,000
- FY 2024: $140,000
- FY 2025: $140,000
- FY 2026: $140,000
- FY 2027: $140,000
- FY 2028: $140,000
- FY 2029: $140,000
- AFTER FY 2029: $840,000

**STATEWIDE**

- FY 2023: $5,055,000
- FY 2024: $1,820,000

**PROJ.CATEGORY**

STATEWIDE PROJECT

**PROGRAM**

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

(October 2022)
<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Proposed</th>
<th>Revisions to 2020-2029 STIP/MPO TIP Programs</th>
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<tbody>
<tr>
<td>FY 2023</td>
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<td>FY 2023</td>
<td>$419,000</td>
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<td>$2,739,000</td>
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<td>FY 2022</td>
<td>$2,739,000</td>
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</tr>
</tbody>
</table>

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

 october 2022

STIP/MPO TIP Amendment #22-7

Deliberate Proposal at the Request of the MPO.

NCDOT 5339 Small Urban Planning Organization Wilmington Metropolitan Planning Organization

New Hanover Wilmington Urban Area Metropolitan Planning Organization

Wilmington Urban Area Metropolitan Planning Organization
### Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

#### Wilmington Urban Area Metropolitan Planning Organization

**EB-6025 (Brunswick Division)**

<table>
<thead>
<tr>
<th>Proj. Category</th>
<th>Project Description</th>
<th>FY 2023 (BGDA)</th>
<th>FY 2023 (L)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>Rice Hope Multi-use Path, Multi-use Path Along NC 133 Between Morecamble Boulevard and Rice Hope Run in Belville.</td>
<td>$134,000</td>
<td>$33,000</td>
<td>$167,000</td>
</tr>
</tbody>
</table>

**EB-6026 (Brunswick Division)**

<table>
<thead>
<tr>
<th>Proj. Category</th>
<th>Project Description</th>
<th>FY 2023 (TADA)</th>
<th>FY 2023 (L)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>Belville Elementary Multi-use Path, Multi-use Path Along NC 133 Connecting North and South Entrances to Hawkins Park and Belville Elementary School.</td>
<td>$94,000</td>
<td>$24,000</td>
<td>$118,000</td>
</tr>
</tbody>
</table>

**EB-6028 (New Hanover Division)**

<table>
<thead>
<tr>
<th>Proj. Category</th>
<th>Project Description</th>
<th>FY 2023 (TADA)</th>
<th>FY 2023 (T)</th>
<th>FY 2024 (T)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>Wilmington Urban Area Construction Amendment</td>
<td>$100,000</td>
<td>$25,000</td>
<td>$125,000</td>
<td></td>
</tr>
</tbody>
</table>
### Wilmington Urban Area Metropolitan Planning Organization

**STIP Modifications**

To match the schedule provided by the municipalities, delay construction from FY 22.

<table>
<thead>
<tr>
<th>Project Category</th>
<th>Division</th>
<th>表述</th>
<th>FY 2022 (S)</th>
<th>FY 2022 (BGDA)</th>
<th>FY 2023 (S)</th>
<th>FY 2023 (BGDA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U-6233</td>
<td>New Hanover</td>
<td>Carolina Beach</td>
<td>$8,000</td>
<td>$32,000</td>
<td>$51,000</td>
<td>$205,000</td>
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<tr>
<td>U-296,000 (BGDA)</td>
<td>New Hanover</td>
<td>Carolina Beach</td>
<td>$8,000</td>
<td>$32,000</td>
<td>$51,000</td>
<td>$205,000</td>
</tr>
<tr>
<td>R-5783</td>
<td>Brunswick</td>
<td>Carolina Beach</td>
<td>$8,000</td>
<td>$32,000</td>
<td>$51,000</td>
<td>$205,000</td>
</tr>
<tr>
<td>GRAND STRAND METROPOLITAN ORGANIZATION</td>
<td>-</td>
<td>Carolina Beach</td>
<td>$8,000</td>
<td>$32,000</td>
<td>$51,000</td>
<td>$205,000</td>
</tr>
<tr>
<td>JACKSONVILLE URBAN AREA METROPOLITAN ORGANIZATION</td>
<td>-</td>
<td>Carolina Beach</td>
<td>$8,000</td>
<td>$32,000</td>
<td>$51,000</td>
<td>$205,000</td>
</tr>
<tr>
<td>MID-CAROLINA RURAL PLANNING ORGANIZATION</td>
<td>-</td>
<td>Carolina Beach</td>
<td>$8,000</td>
<td>$32,000</td>
<td>$51,000</td>
<td>$205,000</td>
</tr>
<tr>
<td>EASTERN CAROLINA RURAL PLANNING ORGANIZATION</td>
<td>-</td>
<td>Carolina Beach</td>
<td>$8,000</td>
<td>$32,000</td>
<td>$51,000</td>
<td>$205,000</td>
</tr>
<tr>
<td>CAPE FEAR RURAL PLANNING ORGANIZATION</td>
<td>-</td>
<td>Carolina Beach</td>
<td>$8,000</td>
<td>$32,000</td>
<td>$51,000</td>
<td>$205,000</td>
</tr>
</tbody>
</table>

**Proposed Revisions to 2020-2029 STIP/MPO Programs**

- Grand Strand Metropolitan Planning Organization
- Wilmington Urban Area Metropolitan Planning Organization

### Proposed Revisions to 2020-2029 STIP/MPO Programs

<table>
<thead>
<tr>
<th>Project Category</th>
<th>Division</th>
<th>表述</th>
<th>FY 2022 (S)</th>
<th>FY 2022 (BGDA)</th>
<th>FY 2023 (S)</th>
<th>FY 2023 (BGDA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U-6233</td>
<td>New Hanover</td>
<td>Carolina Beach</td>
<td>$8,000</td>
<td>$32,000</td>
<td>$51,000</td>
<td>$205,000</td>
</tr>
<tr>
<td>U-296,000 (BGDA)</td>
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<td>-</td>
<td>Carolina Beach</td>
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<td>Carolina Beach</td>
<td>$8,000</td>
<td>$32,000</td>
<td>$51,000</td>
<td>$205,000</td>
</tr>
</tbody>
</table>
WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the Board has found that the Wilmington Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner; and

WHEREAS, the North Carolina Board of Transportation adopted the 2020-2029 State Transportation Improvement Program on September 5, 2019, and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on October 30, 2019; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modifications #22-10.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modifications #22-10.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on November 30, 2022.

__________________________________________
David Piepmeyer, Chair

_______________________________
Mike Kozlosky, Secretary
MEMORANDUM

TO: TCC/Board members

FROM: Mike Kozlosky, Executive Director

DATE: November 9, 2022

SUBJECT: Wilmington Urban Area MPO Proposed 2023 Meeting Schedule

<table>
<thead>
<tr>
<th>Technical Coordinating Committee</th>
<th>Board</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 11</td>
<td>January 25</td>
</tr>
<tr>
<td>February 8</td>
<td>February 22</td>
</tr>
<tr>
<td>March 15</td>
<td>March 29</td>
</tr>
<tr>
<td>April 12</td>
<td>April 26</td>
</tr>
<tr>
<td>May 17</td>
<td>May 31</td>
</tr>
<tr>
<td>June 14</td>
<td>June 28</td>
</tr>
<tr>
<td>July 12</td>
<td>July 26</td>
</tr>
<tr>
<td>August 16</td>
<td>August 30</td>
</tr>
<tr>
<td>September 13</td>
<td>September 27</td>
</tr>
<tr>
<td>October 11</td>
<td>October 25</td>
</tr>
<tr>
<td>November 15</td>
<td>November 29</td>
</tr>
<tr>
<td>December –no meeting scheduled</td>
<td>December –no meeting scheduled</td>
</tr>
</tbody>
</table>

The TCC meetings will begin at 10 am on the date of the meetings.

The Board meetings will begin at 3 pm on the date of the meetings.
WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization’s Board adopts the meeting calendar on an annual basis.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the 2023 meeting calendar.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on November 30, 2022.

_________________________________
David Piepmeyer, Chair

_________________________________
Mike Kozlosky, Secretary
DATE: September 28, 2022
TO: Mike Kozlosky
Executive Director, Wilmington Urban Area Metropolitan Planning Organization
FROM: Brian Mayhew, PE, CPM
State Traffic Engineer
Transportation Mobility & Safety Division
SUBJECT: Safety Performance Measures – FHWA Assessment and 2023 Targets

Background

Effective April 14, 2016, the Federal Highway Administration (FHWA) established five highway safety performance measures in accord with regulations set forth in the Federal MAP-21 and FAST Act transportation funding bills. These performance measures are:

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

These targets are established annually, are based on 5 year rolling averages, and are for calendar years. North Carolina state targets are set in agreement with our Strategic Highway Safety Plan (SHSP) goals. The SHSP goals are developed through collaborative efforts of a diverse group of stakeholders including state, regional, and local partners (including MPOs). The goal of the most recent (2019) SHSP is to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050.

North Carolina Safety Performance Target Achievement Determination

Earlier this year, FHWA completed an assessment of target achievement for NCDOT’s calendar year (CY) 2020 safety targets, based on the 5-year averages for 2016-2020 for each measure. As per 23 CFR 490.211(c)(2), a State Department of Transportation (DOT) has met or made significant progress towards meeting its safety performance targets when at least four of the safety performance targets established under 23 CFR 490.209(a) have been met or the actual outcome
is better than the baseline performance. Based on FHWA’s review, North Carolina has not met or made significant progress toward achieving its safety performance targets. As a result, NCDOT must ensure that all HSIP safety funds are obligated, and must develop an HSIP Implementation Plan that describes actions the State will take to meet or make significant progress toward achieving its targets. Table 1 below provides a summary of the target achievement determination at the state level.

Table 1: North Carolina Safety Performance Target Achievement Determination Summary for CY 2020

<table>
<thead>
<tr>
<th>Performance Measures</th>
<th>5-year Rolling Averages</th>
<th>Target Achieved?</th>
<th>(Actual) Better than Baseline?</th>
<th>Met or Made Significant Progress?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Target</td>
<td>Actual</td>
<td>Baseline</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2016 - 2020</td>
<td>2016 - 2020</td>
<td>2014 - 2018</td>
<td></td>
</tr>
<tr>
<td>Fatalities (5 Year Average)</td>
<td>1,227.8</td>
<td>1,458.6</td>
<td>1,392.2</td>
<td>No</td>
</tr>
<tr>
<td>Fatality Rate (5 Year Average)</td>
<td>1.084</td>
<td>1.250</td>
<td>1.206</td>
<td>No</td>
</tr>
<tr>
<td>Serious Injuries (5 Year Average)</td>
<td>2,812.8</td>
<td>4,410.2</td>
<td>3,362.4</td>
<td>No</td>
</tr>
<tr>
<td>Serious Injury Rate (5 Year Average)</td>
<td>2.462</td>
<td>3.776</td>
<td>2.884</td>
<td>No</td>
</tr>
<tr>
<td>Non-motorized Fatalities and Serious Injuries (5 Year Average)</td>
<td>426.6</td>
<td>583.0</td>
<td>491.0</td>
<td>No</td>
</tr>
</tbody>
</table>

Table 2 below shows what this determination would look like if the state’s methodology for establishing the CY 2020 goal was applied to crash data specific to Wilmington Urban Area MPO.

Table 2: Wilmington Urban Area MPO Safety Performance Target Achievement Determination Summary for CY 2020

<table>
<thead>
<tr>
<th>Performance Measures</th>
<th>5-year Rolling Averages</th>
<th>Target Achieved?</th>
<th>(Actual) Better than Baseline?</th>
<th>Met or Made Significant Progress?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Target</td>
<td>Actual</td>
<td>Baseline</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2016 - 2020</td>
<td>2016 - 2020</td>
<td>2014 - 2018</td>
<td></td>
</tr>
<tr>
<td>Fatalities (5 Year Average)</td>
<td>24.9</td>
<td>30.8</td>
<td>28.6</td>
<td>No</td>
</tr>
<tr>
<td>Fatality Rate (5 Year Average)</td>
<td>0.993</td>
<td>1.163</td>
<td>1.115</td>
<td>No</td>
</tr>
<tr>
<td>Serious Injuries (5 Year Average)</td>
<td>56.0</td>
<td>79.6</td>
<td>67.2</td>
<td>No</td>
</tr>
<tr>
<td>Serious Injury Rate (5 Year Average)</td>
<td>2.209</td>
<td>3.020</td>
<td>2.589</td>
<td>No</td>
</tr>
<tr>
<td>Non-motorized Fatalities and Serious Injuries (5 Year Average)</td>
<td>16.6</td>
<td>19.6</td>
<td>20.0</td>
<td>No</td>
</tr>
</tbody>
</table>

No
**2023 State Safety Performance Targets**

2023 state safety performance targets were submitted to FHWA on August 31st, as required, with the submission of the annual Highway Safety Improvement Program (HSIP) report. These targets reflect the 2019 SHSP goal to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050. The calculated targets are shown in Table 3 below. More detailed information about each target can be found at this [link](#).

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>CY 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Fatalities</td>
<td>1,202.2</td>
</tr>
<tr>
<td>Rate of Fatalities</td>
<td>1.011</td>
</tr>
<tr>
<td>Number of Serious Injuries</td>
<td>3,423.0</td>
</tr>
<tr>
<td>Rate of Serious Injuries</td>
<td>2.863</td>
</tr>
<tr>
<td>Number of Non-Motorized Fatalities &amp; Serious Injuries</td>
<td>468.2</td>
</tr>
</tbody>
</table>

**2023 Wilmington Urban Area MPO Safety Performance Targets**

Table 4 below provides crash data specific to your MPO and shows what the safety performance targets would look like if you applied the state’s methodology (reducing fatalities and serious injuries by half by 2035). More detailed information specific to your MPO can be found at this [link](#).

<table>
<thead>
<tr>
<th>Year</th>
<th>Fatalities (5 Year Average)</th>
<th>Fatality Rate (5 Year Average)</th>
<th>Serious Injuries (5 Year Average)</th>
<th>Serious Injury Rate (5 Year Average)</th>
<th>Non-motorized Fatalities and Serious Injuries (5 Year Average)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-2012</td>
<td>30.0</td>
<td>1.345</td>
<td>63.2</td>
<td>2.829</td>
<td>16.0</td>
</tr>
<tr>
<td>2009-2013</td>
<td>26.8</td>
<td>1.197</td>
<td>59.6</td>
<td>2.657</td>
<td>15.4</td>
</tr>
<tr>
<td>2010-2014</td>
<td>27.8</td>
<td>1.228</td>
<td>55.4</td>
<td>2.449</td>
<td>18.2</td>
</tr>
<tr>
<td>2011-2015</td>
<td>28.2</td>
<td>1.211</td>
<td>60.0</td>
<td>2.577</td>
<td>19.8</td>
</tr>
<tr>
<td>2012-2016</td>
<td>29.6</td>
<td>1.236</td>
<td>61.2</td>
<td>2.544</td>
<td>18.6</td>
</tr>
<tr>
<td>2013-2017</td>
<td>28.4</td>
<td>1.144</td>
<td>64.4</td>
<td>2.582</td>
<td>20.0</td>
</tr>
<tr>
<td>2014-2018</td>
<td>28.6</td>
<td>1.115</td>
<td>67.2</td>
<td>2.589</td>
<td>20.0</td>
</tr>
<tr>
<td>2015-2019</td>
<td>30.8</td>
<td>1.152</td>
<td>75.8</td>
<td>2.837</td>
<td>21.6</td>
</tr>
<tr>
<td>2016-2020</td>
<td>30.8</td>
<td>1.163</td>
<td>79.6</td>
<td>3.020</td>
<td>19.6</td>
</tr>
<tr>
<td>2017-2021</td>
<td>32.8</td>
<td>1.237</td>
<td>85.4</td>
<td>3.235</td>
<td>20.8</td>
</tr>
<tr>
<td>2023 Target*</td>
<td>24.3</td>
<td>0.905</td>
<td>63.4</td>
<td>2.356</td>
<td>17.1</td>
</tr>
</tbody>
</table>
Next Steps

MPOs are not directly assessed by FHWA on their progress towards meeting safety performance targets. However, coordination and deliberate action will be needed to achieve the goals outlined in the NC Strategic Highway Safety Plan and as communicated through the safety performance targets. We encourage additional coordination between MPO’s and NCDOT Traffic Safety Unit in all areas of safety, but specifically in data sharing, safety tools development, safety need identification and shared safety project implementation. The Traffic Safety Unit is available to meet with your MPO for additional discussion and partnership.

FHWA guidance allows each MPO to establish safety performance targets by either agreeing to plan and program projects so that they contribute toward the accomplishments of the State DOT performance targets or committing to quantifiable HSIP targets for their specific MPO area. If an MPO establishes its own targets, it will need to do so in coordination with the State per FHWA guidelines. The Traffic Safety Unit is available to facilitate this coordination. As a reminder, MPOs must establish safety performance targets no later than February 27 of each year per FHWA guidance. Please transmit a signed adoption resolution indicating the establishment of safety targets for your MPO or supporting the state’s targets to Daryl Vreeland (dvreeland@ncdot.gov) in the Transportation Planning Division just as you have in previous years. An adoption resolution template can be found at this link.

Finally, a new NCDOT Traffic Safety website has been established to communicate safety information to the public. A few direct links that may be of specific interest to MPOs can be found below:

- Main NCDOT Traffic Safety Unit website: link
- Mapped safety data: link
  - Here you can find a variety of spatial datasets related to traffic safety, including: fatal and serious injury crashes, pedestrian and bicycle crashes, safety projects (completed, funded, and those competing for funding), and several interactive map-based dashboards that allows the user to select an area of interest for more specific crash statistics.
- Safe Streets for All Grant (SS4A) Program: link
  - Here you will find North Carolina specific information related to the SS4A grant program. It is expected that the content of this site will expand over time.

Please contact me directly at (919) 814-5011 or bmayhew@ncdot.gov for further questions or discussion.

BKM\bgm

cc: Jamal Alavi, PE, CPM
    Daryl Vreeland, AICP
    George Hoops, PE
    Shawn Troy, PE
    Brian Murphy, PE
WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has been designated by the Governor of the State of North Carolina as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the MPO’s metropolitan planning area; and

WHEREAS, the Highway Safety Improvement Program (HSIP) final rule (23 CFR Part 490) requires States to set targets for five safety performance measures annually, by August 31st; and

WHEREAS, the North Carolina Department of Transportation (NCDOT) has established targets for five performance measures based on five year rolling averages for: (1) Number of Fatalities, (2) Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT), (3) Number of Serious Injuries, (4) Rate of Serious Injuries per 100 million VMT, and (5) Number of Non-Motorized (bicycle and pedestrian) Fatalities and Non-motorized Serious Injuries; and

WHEREAS, the NCDOT coordinated the establishment of safety targets with the 19 Metropolitan Planning Organizations (MPOs) in North Carolina continually through outreach conducted by NCDOT’s Mobility and Safety Group; and

WHEREAS, the NCDOT officially establishes and reports the safety targets in the Highway Safety Improvement Program annual report by August 31st, of each year; and

WHEREAS, the MPO’s may establish safety targets by agreeing to plan and program projects that contribute toward the accomplishment of the State’s targets for each measure or establish its own target within 180 days of the State establishing and reporting its safety targets in the HSIP annual report.

NOW THEREFORE be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby agrees to plan and program projects that contribute toward the accomplishment of the State’s targets as noted below for each of the aforementioned performance measures:

1. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 19.57 percent from 1,494.8 (2017-2021 average) to 1,202.2 (2019-2023 average) by December 31, 2023.

2. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 20.95 percent from 1.279 (2017-2021 average) to 1.011 (2019-2023 average) by December 31, 2023.

3. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 30.19 percent from 4,903.4 (2017-2021 average) to 3,423.0 (2019-2023 average) by December 31, 2023.
4. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 31.75 percent from 4.195 (2017-2021 average) to 2.863 (2019-2023 average) by December 31, 2023.

5. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total nonmotorized fatalities and serious injuries by 26.52 percent from 637.2 (2017-2021 average) to 468.2 (2019-2023 average) by December 31, 2023.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on November 30, 2022.

______________________________
David Piepmeyer, Chair

______________________________
Mike Kozlosky, Secretary
MEMORANDUM

TO: TCC Members
FROM: Mike Kozlosky, Executive Director
DATE: November 7, 2022
SUBJECT: Revised Draft 2024-2033 STIP Potential Project Swap Scenarios

The North Carolina Department of Transportation (NCDOT) released the initial draft 2024-2033 State Transportation Improvement Program (STIP) on April 25, 2022. The North Carolina General Assembly included a transfer of sales tax revenue in the budget signed on July 11, 2022. As a result, the Department re-examined their revenue projections and based on an updated revenue forecast released a revised draft 2024-2033 STIP on August 4, 2022.

The 2024-2033 STIP development process allows for project swaps as long as these swaps meet certain criteria. The swaps must be agreed upon by both NCDOT and MPO/RPO(s) and the cost of project(s) swapped in must be within 10% of cost of project(s) being swapped out. All project swaps must be completed no later than March 17, 2023. The Department will then release a revised Draft 2024-2033 STIP with formal adoption in Spring/Summer 2023.

**Roadway Project Swap Scenarios**

MPO staff has reviewed the highway projects included in the revised draft STIP and identified the following potential project swap scenarios described below and detailed in the attached tables:

**Scenario A**

*Swap in:* South Front Street Widening (U-5734), Greenville Loop/Greenville Avenue/Oleander Drive (U-6128).

*Swap to PE ONLY:* US 17 convert to superstreet (U-5732) to allow for the completion of the Hampstead Bypass prior to construction beginning on the access management improvements.

*Swap out:* Market Street Access Management (U-4902B).
Scenario B

**Swap in:** South Front Street Widening (U-5734), Greenville Loop/Greenville Avenue/Oleander Drive (U-6128).

**Accelerate:** Hampstead Bypass Section A (3300-A) CON from FY 2027 to FY 2026.

**Swap to PE ONLY:** US 17 convert to superstreet (U-5732) to allow for the completion of the Hampstead Bypass prior to construction beginning on the access management improvements.

**Delay:** Interchange at MLK and Kerr Ave (U-3338C) CON from FY 2026 to FY 2028.

**Swap out:** Market Street Access Management (U-4902B).

### Aviation Project Swap Request

The North Carolina Department of Transportation’s Aviation Division along with support from Wilmington International Airport have requested that the runway rehabilitation (AV-5885) be swapped in for runway extension 6-24 Phase 1 (AV-5730). Please see the details outlined in the below table:

<table>
<thead>
<tr>
<th>STIP #</th>
<th>Project Name</th>
<th>Description</th>
<th>Project Cost</th>
<th>Funding Tier</th>
<th>Prioritization Round</th>
<th>Score*</th>
</tr>
</thead>
<tbody>
<tr>
<td>AV-5885</td>
<td>ILM</td>
<td>Rehabilitate Runway</td>
<td>$7.5 mil</td>
<td>Statewide Mobility</td>
<td>P5.0 (Not Committed)</td>
<td>87.48</td>
</tr>
<tr>
<td><strong>AV-5730</strong></td>
<td><strong>ILM</strong></td>
<td><strong>Extend Runway 6-24 Ph. 1</strong></td>
<td><strong>$5.0 mil</strong></td>
<td><strong>Statewide Mobility</strong></td>
<td><strong>P3.0</strong></td>
<td><strong>46.15</strong></td>
</tr>
</tbody>
</table>

Key: **Green** = Swap IN; **Red** = Swap OUT

Both MPO and NCDOT Division staff support the request to swap in the runway rehabilitation (AV-5885) and swap out the runway extension 6-24 Phase 1 (AV-5730).

### Conclusion

MPO staff presented the potential project swaps to the MPO Board at their October meeting. The consensus of the Board was to support the roadway project swaps outlined in Scenario B. Resolutions supporting the Roadway and Aviation projects are included in the TCC packet for consideration.
RESOLUTION SUPPORTING THE ROADWAY PROJECT SWAPS FOR THE 2024-2033 STATE TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the North Carolina Department of Transportation (NCDOT) released the Draft 2024-2033 State Transportation Improvement Program in April 2022; and

WHEREAS, the North Carolina General Assembly provided a transfer of sales tax revenue in the budget signed in July 2022; and

WHEREAS, based on this new revenue, NCDOT completed updated revenue projections and released a revised draft 2024-2033 STIP in August 2022; and

WHEREAS, the process that the Department is using for the development of the 2024-2033 STIP allows for project swaps so long as projects meet certain criteria and are approved by both the MPO and NCDOT Division; and

WHEREAS, all project swaps must be agreed upon no later than March 17, 2023; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has reviewed the revised draft 2024-2033 STIP and desires to complete roadway project swaps.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the following roadway project swaps for the 2024-2033 State Transportation Improvement Program:

Swap in: South Front Street Widening (U-5734), Greenville Loop/Greenville Avenue/Oleander Drive (U-6128).

Accelerate: Hampstead Bypass Section A (3300-A) CON from FY 2027 to FY 2026.

Swap to PE ONLY: US 17 convert to superstreet (U-5732) to allow for the completion of the Hampstead Bypass prior to construction beginning on the access management improvements.

Delay: Interchange at MLK and Kerr Ave (U-3338C) CON from FY 2026 to FY 2028.

Swap out: Market Street Access Management (U-4902B).

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on November 30, 2022.
David Piepmeyer, Chair

Mike Kozlosky, Secretary
WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the North Carolina Department of Transportation (NCDOT) released the Draft 2024-2033 State Transportation Improvement Program in April 2022; and

WHEREAS, the North Carolina General Assembly provided a transfer of sales tax revenue in the budget signed in July 2022; and

WHEREAS, based on this new revenue, NCDOT completed updated revenue projections and released a revised draft 2024-2033 STIP in August 2022; and

WHEREAS, the process that the Department is using for the development of the 2024-2033 STIP allows for project swaps so long as projects meet certain criteria and are approved by both the MPO and NCDOT Division; and

WHEREAS, all project swaps must be agreed upon no later than March 17, 2023; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization and NCDOT Division 3 received a request from NCDOT’s Aviation Division to swap in the runway rehabilitation (AV-5885) and swap out the runway extension 6-24 Phase 1 (AV-5730); and

WHEREAS, Wilmington International Airport and NCDOT Division 3 support the NCDOT Aviation Division’s request.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports to swap in the runway rehabilitation (AV-5885) and swap out the runway extension 6-24 Phase 1 (AV-5730) in the 2024-2033 State Transportation Improvement Program.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on November 30, 2022.
RESOLUTION NO. 22-2272

A Resolution to cancel the Agreement ID # 8644 with NC Department of Transportation (NC DOT) for a multi-use path on Clarendon Avenue

WHEREAS, on June 24, 2019 an agreement was signed between the NC DOT and the Town of Carolina Beach to fund a multi-use path on Clarendon Avenue.

WHEREAS, the agreement was based on recommendations from the Town’s long range plan bicycle and pedestrian plans along with grants applied for by the Town Staff; and

WHEREAS, None of the $545,000 grant funds have been requested from NC DOT due to continued local concerns with the project;

WHEREAS, on September 19, 2022 the Town’s Bike and Pedestrian Committee recommended against moving forward with a bike/pedestrian project on Clarendon Avenue.

NOW, THEREFORE, BE IT RESOLVED by the Town Council of the Town of Carolina Beach, North Carolina:

The Town no longer wishes to move forward with this project and requests that it be removed from the State Transportation Improvement Program (STIP).

Adopted this 25th day of October 2022.

[Signature]
Albert L. Barbee, Mayor

[Signature]
Kimberlee Ward, Town Clerk
RESOLUTION SUPPORTING AN AMENDMENT TO THE WILMINGTON URBAN
AREA METROPOLITAN PLANNING ORGANIZATION’S TRANSPORTATION
IMPROVEMENT PROGRAM AND REQUESTING THE NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION REMOVE CLARENDON AVENUE MULTI-
USE PATH (EB-6029) FROM THE STATE/MPO TRANSPORTATION IMPROVEMENT
PROGRAMS

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides
transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of
Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa,
New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation
Authority and the North Carolina Board of Transportation; and

WHEREAS, on February 27, 2019, the Town of Carolina Beach was awarded Transportation
Alternatives Set Aside-Direct Attributable (TASA-DA) funding from the Wilmington Urban Area
Metropolitan Planning Organization for the Clarendon Avenue Multi-use Path project; and

WHEREAS, the State/MPO Transportation Improvement Program was amended to include the
Clarendon Avenue Multi-use Path (EB-6029); and

WHEREAS, on October 25, 2022, the Town of Carolina Beach requested that the State/MPO
Transportation Improvement Programs be amended to remove this project.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan
Planning Organization hereby supports an amendment to the Wilmington Urban Area MPO’s
Transportation Improvement Program and requests the North Carolina Department of
Transportation remove the Clarendon Avenue Multi-use Path (EB-6029) from the State/MPO
Transportation Improvement Programs.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning
Organization’s Board on November 30, 2022.

___________________________
David Piepmeyer, Chair

___________________________
Mike Kozlosky, Secretary
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP MODIFICATIONS

STIP Modification #22-11

New Hanover - Wilmington Urban Area Metropolitan Planning Organization
NCDOT, 5339 Statewide Rural Capital

Public Trans

TC-0021

Modify Funding in FY22 at the Request of the MPO.

MODIFY FUNDING IN FY22 AT THE REQUEST OF THE MPO.
CAPITAL
FY 2023 - $3,000 (5339)
FY 2023 - $2,000 (1)
FY 2023 - $2,000 (5)

$230,000 (L)
$1,684,000 (5339)
$2,104,000
MEMORANDUM

TO: TCC Members
FROM: Mike Kozlosky, Executive Director
DATE: November 7, 2022

SUBJECT: Military Cutoff Road/Eastwood Road Interchange

At the October MPO Board meeting, it was requested by the Board that MPO staff evaluate and bring back options for delaying the interchange at Military Cutoff Road/Eastwood Road as a potential project swap. The Drysdale Drive Extension (U-5710A) is currently under construction with completion anticipated by the end of 2023. The Military Cutoff Road/Eastwood Road interchange (U-5710) is programmed in the revised draft 2024-2033 State Transportation Improvement Program for Right of Way in FY 2023 and Construction in FY 2025.

MPO and NCDOT staffs have reviewed this request and identified the following potential project swap:

**U-5710 (Military Cutoff Road/Eastwood Road interchange):** Move from Right of Way in 2023 and Construction in 2025 to Funded for Preliminary Engineering (PE) only. This would require the project to recompete in Prioritization 7.0.

**U-5704 (College Road and Oleander Drive):** Move from Funded for PE only to Right of Way in 2024 and Construction in 2026.

The Military Cutoff Road/Eastwood Road interchange is funded in the amount of $66.4 million and College Road/Oleander Drive intersection improvements are funded in the amount of $37.7 million. Both projects are funded in the statewide tier. If the project swap is approved, the remaining $28.7 million would be used to rebalance the STIP.
<table>
<thead>
<tr>
<th>Focus Area</th>
<th>Focus Area Timeline</th>
<th>Participants</th>
<th>Action Steps</th>
<th>Accomplishments</th>
</tr>
</thead>
</table>
WALK WILMINGTON COMPREHENSIVE PEDESTRIAN PLAN UPDATE
Project Description/Scope: The City of Wilmington, in recognizing the desire of its citizens for a more walkable, livable community, applied for and received an NCDOT Planning Grant in 2021 to update the 2009 Walk Wilmington Comprehensive Pedestrian Plan. A Steering Committee, comprised of local stakeholders, citizens, and city staff, has been assembled to work with the consultant, Alta, to guide the development of the plan’s update. The Steering Committee held its first meeting on Monday, March 28th. During the meeting, Steering Committee members discussed their visions for the future of walking in the City; reviewed the successes of the current plan and opportunities to build upon; and began identification of where improvements will be most critical in the future. Alta completed a draft existing conditions analysis and an infrastructure safety analysis. The infrastructure safety analysis was presented to and discussed by the Steering Committee during its May 26th meeting, as well as a strategy for public engagement. A comprehensive public engagement period that includes both a survey and input map application began June 15 and continued through mid-August. Ongoing during the outreach process were several in-person survey opportunities targeted to gather input from traditionally underserved communities. Just over 1,000 survey responses were received and used by Alta as a framework to guide the development of project and policy recommendations. The Walk Wilmington Steering Committee reviewed the draft priority areas identified through this framework during its September 27th meeting. Alta is actively incorporating the Committee’s comments and finalizing the draft plan.

Project Status and Next Steps:
• Draft plan anticipated for release to City staff and Steering Committee in early November 2022.
• Draft plan public comment period to be held December 2022 – January 2023
• Final plan presentation to City Council in February or March 2023

PENDER COUNTY BICYCLE AND PEDESTRIAN PLAN
Project Description/Scope: Pender County, in collaboration with the WMPO and consultant WSP, seeks to develop a comprehensive Bicycle and Pedestrian Plan to direct multimodal development within the southern portion of the County. The final plan will be used to prioritize bicycle and pedestrian infrastructure implementation that will improve mobility, increase safety, and strengthen the connectivity for multimodal transportation options in southern Pender County. The notice to proceed was issued in late September 2022.

Project Status and Next Steps:
• Consultant has begun work on existing conditions and assessment of the bicycle and pedestrian network
• Public engagement Phase 1 is anticipated to begin in November 2022
• Plan completion by June 2023

SITE DEVELOPMENT REVIEW
Project Descriptions/Scope: The Wilmington Urban Area MPO assists with site development and Transportation Impact Analysis review for the MPO’s member jurisdictions. During the last month, staff has reviewed the following development proposals:
• New Hanover County Formal Plan Reviews: 13 reviews
• New Hanover County Informal Plan Reviews: 3 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Concept Plan Reviews: 2 reviews
- Town of Leland Formal Reviews: 8 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Navassa Formal Plan Reviews: 0 review
- Town of Navassa Informal Reviews: 0 review
- Town of Navassa Concept Reviews: 0 review
- Town of Belville Formal Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 3 reviews
- Town of Carolina Beach Concept Reviews: 0 review
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- Pender County Formal Reviews: 3 reviews
- Pender County Informal Reviews: 1 review
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 64 reviews (10 new, 54 on-going)
- City of Wilmington Informal Reviews: 18 reviews (4 new, 14 on-going)
- City of Wilmington Concept Reviews: 1 review(s) (1 new, 0 on-going)
- City of Wilmington Full Releases: 2
- TIA Reviews: 35 total active (25 under review; 3 approved; 7 new)
  - New Hanover County 8 (1 new, 7 under review, 0 approved),
  - City of Wilmington 11, (2 new, 9 under review, 0 approved),
  - Carolina Beach 0,
  - Town of Belville 0,
  - Town of Leland 6, (3 new, 2 under review, 1 approved),
  - Town of Navassa 1, (1 approved),
  - Pender County 7 (1 new, 5 under review, 1 approved) and
  - Brunswick County 2, (0 new, 2 under review)

STBGP-DA/TASA-DA/CRRSA
FY2013 to Present

U-5534C - WRIGHTSVILLE AVENUE/GREENVILLE AVENUE TO HINTON AVENUE
Project Descriptions/Scope: The project is for construction of intersection re-alignment improvements at the intersection of Wrightsville Avenue/Greenville Avenue and bike lanes and sidewalks along Greenville Avenue from Wrightsville Avenue to Hinton Avenue.

Project Status and Next Steps:
- NCDOT approval of final design elements and right-of-way authorization obtained June 10, 2022
- Advertise for Bid – June 2023
- Begin Construction – October 2023
- Construction Complete- July 2024

U-5534F – CITY OF WILMINGTON – PARK AVENUE MUP – PHASE II
Project Descriptions/Scope: This project is for the design and construction of an off-road multi-use path between Audubon Boulevard and Kerr Avenue.

Project Status and Next Steps:
- Began Construction – July 2021
- Project was substantially completed in January 2022.
- Project closeout is underway.
- Complete Project Closeout – Fall 2022

**U-5534G – CITY OF WILMINGTON- HOOKER ROAD MULTI-USE PATH**

**Project Descriptions/Scope:** The project consists of the construction of a 8′ wide multi-use path along Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Ave intersection.

**Project Status and Next Steps:**
- NCDOT approval of final design elements and right-of-way authorization obtained June 10, 2022
- Advertise for Bid – June 2023
- Begin Construction – October 2023
- Construction Complete- July 2024

**U-5534H – CITY OF WILMINGTON- HINTON AVE MULTI-USE PATH**

**Project Descriptions/Scope:** This project consists of the construction of an 8′ wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue.

**Project Status and Next Steps:**
- NCDOT approval of final design elements and right-of-way authorization obtained June 10, 2022
- Advertise for Bid – June 2023
- Begin Construction – October 2023
- Construction Complete- July 2024

**U-5534I – TOWN OF LELAND- VILLAGE ROAD MULTI-USE PATH EXTENSION**

**Project Descriptions/Scope:** The construction of a 8 foot wide concrete path from the connection at the Brunswick Center in Leland across the front of the library property, down Village Road, ending on the western edge of the First Baptist Church property before the Sturgeon Creek Bridge.

**Project Status and Next Steps:**
- Construction commenced February 8, 2021
- On hold pending negotiation of pay items and scheduling with the Contractor
- Town of Leland is working with the Contractor’s Surety
- Final completion date to be determined
- Project completion extended to June 30, 2023
- Town signed the Agreements and NCDOT to fully execute

**U-5534J – TOWN OF LELAND- OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP**

**Project Descriptions/Scope:** The construction of sidewalks in three locations: 1) The construction of an 8-foot concrete sidewalk along Village Road from Town Hall Drive to the apartment complex and widening the existing 5-foot sidewalk in front of the apartment complex to 8 feet. 2) The construction of a 6-foot sidewalk along Town Hall Drive from Village Road NE to the sidewalk that exists by the new Town Hall. 3) The construction of a 5-foot sidewalk along Old Fayetteville Road from the existing sidewalk in front of the apartment complex to Village Road NE.

**Project Status and Next Steps:**
- Construction commenced February 8, 2021
• Project on hold pending resolution of contracting issues with the consultant
• On hold pending negotiation of pay items and scheduling with the Contractor
• Town of Leland is working with the Contractor’s Surety
• Final completion date to be determined
• Project completion extended to June 30, 2023
• Town signed the Agreements and NCDOT to fully execute

U-5534K – TOWN OF LELAND- LELAND MIDDLE SCHOOL SIDEWALK
Project Descriptions/Scope: The construction of 5-foot-wide concrete sidewalk adjacent to Old Fayetteville Road from Ricefield Branch Road to the US Hwy 74/76 overpass after Glendale Drive with connections to Leland Middle School and the surrounding neighborhoods.

Project Status and Next Steps:
• Construction commenced February 8, 2021
• On hold pending negotiation of pay items and scheduling with the Contractor
• Town of Leland is working with the Contractor’s Surety
• Final completion date to be determined
• Project completion extended to June 30, 2023
• Town signed the Agreements and NCDOT to fully execute

U-5534Q –CITY OF WILMINGTON- S. COLLEGE/HOLLY TREE CROSSWALKS
Project Description/Scope: The project will install sidewalk, ADA ramps, curb and gutter, markings and traffic signal revisions required to install actuated pedestrian crossings of S. College Road and crossings on Holly Tree Road.

Project Status and Next Steps:
• Final Approval on PS&E from NCDOT February 28, 2022
• Bid advertised on March 3, 2022, with May 3, 2022, opening date, pre-bid meeting held on March 5, 2022
• One bid submitted on May 3, 2022.
• Re-Bid opening on May 10, 2022, only received one bid. Staff did not recommend award due to budget constraints.
• Submitted a Resolution to Council to Reject Bids approved by City Council on June 21st
• Submitted Change Request for CON Auth on October 13th
• Submitted required Environmental Consultation & NCDOT submitted the Construction Auth/funding request on October 25th
• Construction Funding/Auth Pending FHWA approval
• Readvertise with EB-6028 in Winter 2022

U-5534U – TOWN OF NAVASSA- NAVASSA PARK MULTI-USE PATH
Project Description/Scope: This project will construct bike lanes on both sides of Brooklyn Street, a multi-use path connecting Brooklyn Street to the Navassa Park, and a multi-use path through the Navassa Park forming a loop within the park.

Project Status and Next Steps:
• Right Angle provided the 90% plans
• 90% plans and contract documents have been submitted to NCDOT
• CE Document has been approved
• Right-of-way authorization approved
• The consultant is proceeding with the right-of-way acquisition.
• Proposed property valuations have been submitted and have been approved by NCDOT.
• Letters to property owners have been mailed to initiate the acquisition process.
• Construction fund authorization request will occur next federal fiscal year

U-6233 CAROLINA BEACH HAMLET AVENUE/US 421 TRAFFIC SIGNAL
Project Description/Scope: installation of traffic signal with pedestrian infrastructure at the intersection of Hamlet Avenue and US 421 in the Town of Carolina Beach

• The signal plans have been finalized.
• The construction WBS was amended in October by the Board of Transportation
• Tentative construction starts in mid-year 2023

U-6234 MULTI-MODAL PHASE 1B
Project Description/Scope: Rehabilitation of the historic structure located at 525 N 4th Street for MPO offices.

Project Status and Next Steps:
• Paragon Building Corp awarded bid and signed the contract
• Project design team working thru submittals and proposed construction schedule
• Contractor submitted a revised construction schedule and has mobilized on site
• September 12, 2022, building permit issued
• Right of Way permit requests are in review
• Ongoing demolition of site, cleaning of the exterior walls, and investigation of stabilization of the brick

U-6235 – CITY OF WILMINGTON/NEW HANOVER COUNTY – SIGNAL PRE-EMPTION PHASE 2
Project Description/Scope: The project will install traffic pre-emption equipment at 50 locations throughout the City of Wilmington and New Hanover County and GPS equipment on emergency response vehicles.

Project Status and Next Steps:
• Design contract approved May 5, 2021, by City Council and execution is complete.
• Design kick-off meeting held July 23, 2021, with Wilmington Fire Department, Traffic Engineering and Davenport Staff.
• Design started in October 2021 is expected to last through February 2023.

U-6039 – CAROLINA BEACH – ST. JOESPH BIKE LAKES
Project Description/Scope: Construct Bike Lanes along St. Joseph Avenue and Lewis Drive from Lake Park Boulevard to Access Drive in Carolina Beach

Project Status and Next Steps:
• NCDOT funding availability reopened January 25, 2021
• Town Council elected to move forward with the project
• Agreement executed with NCDOT on August 18, 2021
• Design discussions held with Kimley-Horn & Associates (KHA) on August 31, 2021
• Public meeting held on March 24, 2022, to present three (3) design alternatives for bike path on St. Joseph
• KHA presented to Town’s Bike & Pedestrian Committee summary of comments on April 18, 2022
• KHA scheduled to present at Town Council regularly scheduled meeting on May 10, 2022
• Town Council approved Option 3 on May 10, 2022, as presented by KHA
• On May 25, 2022, project managers submit RFLOI to NCDOT requalified engineering firms with a response deadline of June 8, 2022
• Responses to RFLOI under review by WMPO/Town of Carolina Beach
• On July 12, 2022, the Town of Carolina Beach selected KHA as the design firm
• On September 22, 2022, The Town received a Letter of Agreement from Kimley Horne for Scope of Services and Project Engineer Design Estimate.
• Phone conference held on September 28, 2022, to go over the proposed submittal.
• The Town has uploaded documentation via EBS portal for review and approval.

**TASA-DA/CRRSAA/STIP**

**BL-0045 – DOWNTOWN GREENWAY PH. 1 DESIGN**

*Project Description/Scope:* design and engineering for an approximately 2.2 mile long, 10’ to 12’ in width portion of the trail beginning at 3rd street in the Downtown within the NCDOT owned rail corridor to McRae St (defined in the Wilmington Rail Trail Master Plan); abutting the Dorothy B. Johnson Elementary School western parcel line; traversing east along CSX right-of-way to Archie Blue Park; and continuing north through Archie Blue Park, parallel to the creek and terminating at the Love Grove Bridge multi-use path facility.

*Project Status and Next Steps:*
- Agreement executed by NCDOT on April 20, 2022
- City has selected an on-call engineering consultant (WSP) to perform design and engineering. A scope and fee have been agreed upon and approved by NCDOT.
- Award of contract by City Council on September 6, 2022, City Council Meeting.
- Notice to proceed issued on October 2, 2022.
- WSP is completing aerial survey processing (from previously collected data) and beginning initial design.
- WSP is coordinating meetings with critical stakeholders.
- 25% plans due by November 24, 2022
- Public involvement planned for January 2023.

**BL – 0059 TOWN OF KURE BEACH - FORT FISHER BOULEVARD/K AVENUE AND NORTH 3RD STREET PEDESTRIAN SAFETY IMPROVEMENTS**

*Project Description/Scope:* This project entails intersection improvements at Ft. Fisher Boulevard and K Avenue to include high visibility crosswalks, ADA ramps, and pedestrian signals; and filling gaps in the sidewalk network on Ft. Fisher Boulevard and N. 3rd Street that will create a pedestrian network connected to the Ft. Fisher Boulevard and K Avenue intersection.

*Project Status and Next Steps:*
- Agreement finalized and adopted August 2022
- Request for PE Authorization in September 2022
- Request for Letters of Interest to be sent in September 2022
- PE firm selection anticipated December 2022

**EB-5600 – S. 17TH STREET MULTI-USE PATH**

*Project Description/Scope:* This project consists of the construction of a 10’ multiuse path along South 17th Street from Harbour Drive to Shipyard Boulevard and the installation of crosswalks and pedestrian signal heads at the intersection of South 17th Street and Shipyard Boulevard.
EB-6025 - TOWN OF BELVILLE - RICE HOPE MULTI-USE PATH

Project Description: The project consists of the construction of a multi-use path of eight feet (8’) wide located at the western side of NC 133 between Morecamble Blvd and Rice Hope Run.

Project Status and Next Steps:
- 100% plans approved by NCDOT
- Contract proposal (with cost estimate) approved April 11, 2022
- CEI RFLOI responses currently under review
- Additional funding approved by WMPO on September 28, 2022
- CEI contract award in October 2022
- Construction authorization November 2022
- Construction let date December 2022

EB-6026 - TOWN OF BELVILLE - BELVILLE ELEMENTARY - MULTI-USE PATH

Project Description: The project consists of the construction of a multi-use path of eight feet (8’) wide located along NC 133 connecting north and south entrances of Hawks Water Development to Belville Elementary School.

Project Status and Next Steps:
- 100% plans approved by NCDOT
- Contract proposal (with cost estimate) approved April 11, 2022
- CEI RFLOI responses currently under review
- Additional funding approved by WMPO on September 28, 2022
- CEI contract award in October 2022
- Construction authorization November 2022
- Construction let date December 2022

EB-6027 – NEW HANOVER COUNTY - MIDDLE SOUND GREENWAY

Project Description: Design only of the Middle Sound Greenway connection to Publix

Project Status and Next Steps:
- Comments received from CFPUA indicate conflicts with utilities that will require design adjustments
- Right of way acquisition continuing (2 remaining, dependent on water/sewer changes needed)
- Level A SUE completed, and results have been reviewed.
- SEPI to begin supplemental utility design based on SUE results. Anticipate 90 days for design completion.
EB-6028 — CITY OF WILMINGTON - 21ST STREET/MARKET HAWK SIGNAL

Project Description: Design and construction of a HAWK signal at the pedestrian crossing at Market Street and 21st Street

Project Status and Next Steps:
- NCDOT has approved the 100% project plans
- Preparation of bid documents is underway
- Project approved by NCDOT on September 30, 2022
- Project to be bid with U-5534Q (College Rd @ Holly Tree Pedestrian Crossing).

EB-6029 — TOWN OF CAROLINA BEACH — CLARENDON AVENUE MULTI-USE PATH

Project Description: Construction of the Clarendon Avenue multi-use path from 4th Street to Dow Road

Project Status and Next Steps:
- Town Council has requested to cancel this project.
- NCDOT to process request with WMPO concurrence.

HL – 0040 NC PORTS WILMINGTON – NEW NORTH GATE FEASIBILITY STUDY

Project Description/Scope: This project is a feasibility study, early design and NEPA work to determine the high-level alternatives and costs associated with a new North Gate on NC Port of Wilmington property to allow for efficient freight access to and from the General Terminal.

Project Status and Next Steps:
- Advertisement for on-call consultants, August 14, 2020
- Selection and signed contract with HDR on October 29, 2020
- Kickoff meeting on site with NCSPA on March 10, 2022
- NCSPA/WTRY call on April 5, 2022
- Draft scoping letter to Port on April 5, 2022
- Traffic counts completed April 12, 2022
- Scoping Letter to Agencies on April 18, 2022
- Draft design assumptions & Typical Sections submitted on June 3, 2022
- Draft Limited Environmental Records Review (LERR) submitted on July 5, 2022
- Revised typical sections submitted on July 7, 2022
- Natural Resources Technical Report (NRTR) on August 8, 2022
- Revised Limited Environmental Records Review (LERR) submitted August 15, 2022
- Began 15% roadway, traffic, and hydraulics design

TC – 0021 WAVE PASSENGER AMENITIES AND UPGRADES

Project Description/Scope: Cape Fear Public Transportation Authority (WAVE transit) currently has a total of 440 bus stops, 24 benches and 27 shelters. Shelters only represent 6% of our passenger amenities, while other NC agencies average 14%. To meet the peer average for statewide systems, CFPTA needs to install an additional twenty-six (26) benches and twenty (20) shelters. This project will support the installation of a total of nine (9) bus stop benches and ten (10) bus stop shelters along eight (8) transit routes located within the City of Wilmington. The project includes engineering and design, construction of concrete pads, ADA ramps, ADA access, and purchase and installation of durable bench and/or shelter, waste receptacle, and solar lighting, where applicable.

Project Status and Next Steps:
- The project was awarded funds in November 2021
- This project pending flex funding approval and notification.
TRANSPORTATION DEMAND MANAGEMENT PROGRAM

Project Description/Scope: The TDM “Go Coast” program works to increase the use of alternative transportation by WMPO residents and decrease Vehicle Miles Traveled (VMT). The WMPO Board approved Cape Fear Change in Motion 2020, the short-range TDM Plan which will guide Go Coast initiatives from 2021 to 2025. This plan identifies seven short-range strategies to increase mobility options and reduce traffic in the WMPO region. These strategies are: Alternative Work Schedules, Bike Share Program, Carpool and Vanpool, Consulting for Telecommuting Opportunities, Fostering a Bicycle and Pedestrian Friendly Culture, Improved TDM-Focused Collaboration, and Personalized Commuter Plans.

Go Coast current initiatives and project status:

1. 2022 Commuter Challenge
   This year's Commuter Challenge took place from October 14th to October 30th. The Commuter Challenge encourages residents of the WMPO region to utilize alternative modes of transportation. Prizes are awarded to the highest-performing participants. This year we had 20 participants who collectively reduced Vehicle Miles Traveled by 5,000 miles, saved $753 on gas, and walked/biked for 938 miles.

2. New Hanover County’s ¼ Cent Sales Tax for Transit
   Go Coast is utilizing its social media presence to educate the public about New Hanover County’s ¼ cent sales tax for transit referendum that will be on the ballot for all county residents to decide on in November 2022.

3. Go Coast Meeting
   The next Go Coast meeting will occur on November 17, 2022, at 3 PM.
Cape Fear Public Transportation Authority
November 2022 Project Updates

FIXED ROUTE SERVICE
Wave Transit fixed route service ridership is up 6.2% in the fiscal first quarter compared to prior year. Ridership on regular service is up 6.6% and the UNCW shuttle service is up 4.7%. October is the ninth consecutive month of positive year over year increased ridership.

RIDEMICRO MICROTRANSIT SERVICE
Wilmington’s Regional microtransit service, RideMICRO, continues to perform well. Zone 4 – New Hanover County North accounts for approximately 44% of RideMICRO ridership for current FY23, followed by Zone 3 – South New Hanover County at 29%.

FY22 Ridership:
1,999

FY23 Ridership:
Q1 – 3,898

PARATRANSIT SERVICE
Total paratransit ridership has increased in first quarter. Total trips are up 13.5%.

CAPITAL PROJECTS
A Passenger Amenities Improvement Plan is currently under development to prioritize passenger amenity improvements and additions at our highest use stops, stops that are at points of interest, and stops with the highest wait times. There are currently three projects underway to improve passenger amenities, including a newly STBGP awarded grant approved by the WMPO board on October 26th. Total installations for all projects will include 26 shelters and 19 benches over the next 12-24 months.
<table>
<thead>
<tr>
<th>Date</th>
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Go!NC Portal for public information: HMIP (Highway Maintenance Improvement Program) GIS maps: [Click here](https://ncdot.maps.arcgis.com/home/webmap/viewer.html?webmap=ceae1d0cf870473fb7d35294acb6b71c)
November 2022

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NOVEMBER TPD UPDATES WILMINGTON MPO

NOVEMBER 2022

**Brunswick County Travel Demand Model:** The Brunswick County Model was completed in February of last year.

**Brunswick County Comprehensive Transportation Plan (CTP):** The Brunswick County CTP was paused from January through August of this year. The CTP has resumed, data has been updated, and the CTP is going through another round of internal management reviews. After the internal reviews are completed, the CTP engineer will meet with the CTP Steering Committee members to update their councils and boards as well as to start public involvement sessions.

**Wilmington Model:** The 2050 Travel Demand Model (TDM) work started on 3/1/2022. The TDM is being developed for the next Wilmington MTP. Currently the engineer and modeler are working on updating the network, TAZs, and adding new area. The MPO has verified a lot of the data and provided materials and input for employment, population, CO data, network, etc. Currently the MPO is working on College/University data and will provide that in the following weeks.

**Additional information:** According to the US Census Bureau, the final urban areas based on 2020 Census will be announced in December of 2022. Refer to their [website](https://www.census.gov) for additional information on the release schedule.

**Helpful Links:**
- NCDOT home page—[ncdot.gov](http://ncdot.gov)
- Real-Time Traffic—[DriveNC.gov | North Carolina Traffic & Travel Information](https://drive.nc.gov)
- Report a pothole—[NCDOT Contact Us Form](https://www.ncdot.gov)
· NCDOT: State Transportation Improvement Program—ncdot.gov/sti
· Interactive Bicycle Routes Map—https://www.ncdot.gov/bikeped/ncbikeways/default.aspx
· Links to all traffic count data information—Traffic Survey Group (ncdot.gov)
· NCDOT Interactive Traffic Volume Map—Interactive Traffic Volume map (ncdot.gov)
· Traffic Safety Data & Engineering—NCDOT: Traffic Safety Data & Engineering

**NCDOT Statewide Plans:**
To learn more, click on the following links:
· **NC Moves 2050 Plan** (or go to ncdot.gov/ncmoves)
· **NCDOT Strategic Transportation Corridors** (or go to ncdot.gov and search: Strategic Transportation Corridors)
· **NCDOT Comprehensive State Rail Plan (25-Year Vision)** (or go to ncdot.gov and search: rail plan)
· **NC Statewide Multimodal Freight Plan (2015-2040)** (or go to ncdot.gov and search: public transportation plan)
· **Great Trails State Plan** (or go to ncdot.gov and search: Great Trails)
· **Connecting North Carolinians to Opportunities (Public Transportation strategic Plan—2018)** (or go to ncdot.gov and search: public transportation plan)
· **NCDOT Resilience Strategy Report (2021)** (or go to ncdot.gov and search: resilience strategy report)
· **Statewide Pedestrian & Bicycle Plan (2013)** (or go to ncdot.gov/bikeped/walkbikenc)