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

Wilmington Urban Area Metropolitan Planning Organization
Board
Meeting Agenda

TO: Wilmington Urban Area MPO Board Members
FROM: Mike Kozlosky, Executive Director
DATE: October 23, 2019
SUBJECT: October 30th meeting

A meeting of the Wilmington Urban Area MPO Board will be held on Wednesday, October 30, 2019 at 3
pm. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street in downtown
Wilmington.

The following is the agenda for the meeting:
1) Call to Order
2) Conflict of Interest Statement
3) Approval of Board Member Excused Absences
4) Approval of the Agenda
5) Public Comment Period
6) Presentations
   a. Go Coast Webpage- Nick Cannon, WMPO
7) Public Hearing
   a. Resolution adopting the 2020-2029 State/Wilmington Urban Area MPO
      Transportation Improvement Programs (p. 3-39)
8) Consent Agenda
   a. Approval of Board Meeting Minutes from September 25, 2019 (p. 40-45)
   b. Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation
      Improvement Program Amendment #19-4 (p. 46-47)
   c. Resolution authorizing the Chairman to enter into an agreement with the Cape
      Fear Public Transportation Authority and City of Wilmington for the Wilmington
      Urban Area Metropolitan Planning Organization to provide FY 19-20 funding to
      the Cape Fear Public Transportation Authority for Public Transportation Planning
      Activities (p. 48-55)
   d. Opening of the 30-day Public Comment Period for 2018-2027 and 2020-2029
      STIP/MPO Transportation Improvement Program Amendment #19-5 (p. 56-61)
9) Regular Agenda
   a. Resolution approving the Go Coast Transportation Demand Management
      Committee Bylaws (p. 62-66)
10) Discussion
   a. Alternative Funding Criteria for inclusion in Cape Fear Moving Forward 2045
   b. Cape Fear Public Transportation Authority Reduction Strategies/Local Funding (p. 67-68)

11) Updates
   a. Wilmington Urban Area MPO (p. 69-75)
   b. Cape Fear Public Transportation Authority (p. 76-77)
   c. NCDOT Division (p. 78-80)
   d. NCDOT Transportation Planning Division (p. 81-85)

12) Announcements
   a. Bike/Pedestrian Committee Meeting- November 12th

13) Next meeting – November 20, 2019

Attachments
   • 2020-2029 State/Wilmington Urban Area MPO Transportation Improvement Programs
   • Resolution adopting the 2020-2029 State/Wilmington Urban Area MPO Transportation Improvement Programs
   • Board Meeting Minutes- September 25, 2019
   • Proposed 2018-2027 and 2020-2029 STIP/ MPO Transportation Improvement Program Amendment #19-4
   • Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-4
   • Draft Agreement between the Wilmington Urban Area MPO, Cape Fear Public Transportation Authority and City of Wilmington
   • Resolution authorizing the Chairman to enter into an agreement with the Cape Fear Public Transportation Authority and City of Wilmington for the Wilmington Urban Area Metropolitan Planning Organization to provide FY 19-20 funding to the Cape Fear Public Transportation Authority for Public Transportation Planning Activities
   • Proposed 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-5
   • Proposed Go Coast Transportation Demand Management Committee Bylaws
   • Resolution approving the Go Coast Transportation Demand Management Committee Bylaws
   • Cape Fear Public Transportation Authority’s Service Reduction & Additional Revenue Recommendations
   • Wilmington Urban Area MPO Project Update (October)
   • Cape Fear Public Transportation Authority Update (October)
   • NCDOT Division Project Update (October)
   • NCDOT Transportation Planning Division Project Update (October)
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**Notes:**
- COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE.
- PROJECTS TO BE LET WITH U-5781.

**Dates:**
- Tuesday, August 27, 2019
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**ECONOMIC DEVELOPMENT PROJECTS**

- PROJECT TO BE LET WITH U-5792.
- PROJECT TO BE LET WITH U-5702A.
- RIGHT-OFF-WAY IN PROGRESS.
- MODERNIZE ROADWAY.
- WIDEN TO MULTI-LANES.
- CONSTRUCT ROADWAY ON NEW LOCATION.
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<td>US 17 TO US 421 (INDEPENDENCE BOULEVARD-CAROLINA BEACH ROAD)</td>
<td>Construct a new facility with structure over the Cape Fear River.</td>
<td>11.2</td>
<td>NHP 2970</td>
<td>NHP 1080</td>
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<td>123556</td>
<td>1080</td>
<td>US 421 (CAROLINA BEACH ROAD) TO NC 133.</td>
<td>Construct freeway on new location.</td>
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<td>NHP 2920</td>
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**NDMCM**

Significant change may occur. Cost and schedules are preliminary and subject to significant change as more information becomes available.

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**DEVELOPMENTAL PROGRAM**

Programmed for planning and environmental studies only.

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<td>125986</td>
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<td>Construct freeway on new location with a structure over the Cape Fear River.</td>
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**PROGRAMS**

Programs for planning and environmental studies only.

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<td>125986</td>
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**TOTAL**

**FUTURE YEARS**

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**TOTAL**

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*Cost and schedules are preliminary and subject to significant change as more information becomes available.*

*Tuesday, August 27, 2019*
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<tr>
<td>U-6233</td>
<td>CONSTRUCT NEW TRAFFIC SIGNAL AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT THE INTERSECTION OF US 421 (LAKE PARK BOULEVARD) AND HAMLET AVENUE IN CAROLINA BEACH.</td>
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<tr>
<td>U-5954</td>
<td>CONSTRUCT A ROUNDABOUT.</td>
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<td>U-6236</td>
<td>STREETSCAPE PROJECT.</td>
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<td>U-6235</td>
<td>TRAFFIC SIGNAL PRE-EMPTION FOR EMERGENCY VEHICLES PROJECT.</td>
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<td>U-6234</td>
<td>WILMINGTON MULTI-MODAL TRANSPORTATION CENTER PHASE 1B.</td>
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Cost and schedules are preliminary and subject to significant change as more information becomes available.
BRIDGE PROJECTS

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<tr>
<td>B-4590</td>
<td>REPLACE BRIDGE 640029 OVER SMITH CREEK.</td>
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HF

NHPB

C

4100

NEW HANOVER

NC 133

MITIGATION PROGRAMS IN PROGRESS

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<td>ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 3 PROJECT MITIGATION.</td>
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BRUNSWICK

DUPLIN

NEW HANOVER

ONSLOW

PENDERSAMPSON

VARIOUS

HIGHWAY SAFETY PROJECTS IN PROGRESS

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<td>SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.</td>
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SW

SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.

AVIATION PROJECTS

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<tr>
<td>AV-5730</td>
<td>EXTEND RUNWAY 6-24 PHASE 1</td>
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NEW HANOVER

WILMINGTON INTERNATIONAL (ILM)

AVIATION PROGRAMS IN PROGRESS

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DIV - Division Category           EX - Exempt Category       SD - State Dollars (Non STI)
HF - State Dollars (Non STI)  REG - Regional Category
SW - Statewide Category        TRN - Transition Project

Tuesday, August 27, 2019

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE.
### Wilmington Urban Area Metropolitan Planning Organization

**Non-Highway Program**

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<th>Length (Miles)</th>
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<tr>
<td>AV-5704</td>
<td>Upgrade Airfield Lighting Vault, SW</td>
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<td>AV-5796</td>
<td>Increase Width of All Taxiways, SW</td>
<td>3800</td>
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<td>AV-5886</td>
<td>Taxiway J Improvements, SW</td>
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<td>AV-5799</td>
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<td>AV-5801</td>
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<td>AV-5702</td>
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Type of Work / Estimated Cost in Thousands / Project Breaks

Total Program

Note: Cost and schedules are preliminary and subject to significant change as more information becomes available.

Tuesday, August 27, 2019
## Wilmington Urban Area Metropolitan Planning Organization

### Non-Highway Program

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<tr>
<th><strong>Type of Work / Estimated Cost in Thousands</strong></th>
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<td>Rehabilitate Runway</td>
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<td>AV-5713 505</td>
<td>Pipe Ditches in FBO #2 Area</td>
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<td>AV-5795 1300</td>
<td>Expand the General Aviation Apron</td>
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<td>U-5527 1733</td>
<td>Wilmington Urban Area MPO Transportation Alternatives Program.</td>
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### BICYCLE AND PEDESTRIAN PROJECTS

**EB-5600 933 HOSPITAL PLAZA TO INDEPENDENCE BOULEVARD.** Construct multi-use path.

- **Type of Work:** Planning, Design, Right-Of-Way, and Construction
- **City:** Wilmington
- **County:** New Hanover
- **Division:** L
- **Location:** Brunswick County
- **Comments:**

**EB-6029 682 37 CONSTRUCT MULTI-USE PATH ALONG CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD).**

- **Type of Work:** Planning, Design, Right-Of-Way, and Construction
- **City:** Wilmington
- **County:** New Hanover
- **Division:** L
- **Location:** Brunswick County
- **Comments:**

**EB-6039 490 CONSTRUCT BIKE LANES ALONG ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA BEACH.**

- **Type of Work:** Planning, Design, Right-Of-Way, and Construction
- **City:** Wilmington
- **County:** New Hanover
- **Division:** L
- **Location:** Brunswick County
- **Comments:**

**EB-6027 1805 305 CONSTRUCT MULTI-USE PATH ALONG MIDDLE SOUND LOOP, LENDIRE ROAD, AND OGDEN BUSINESS LANE.**

- **Type of Work:** Planning, Design, Right-Of-Way, and Construction
- **City:** Wilmington
- **County:** New Hanover
- **Division:** L
- **Location:** Brunswick County
- **Comments:**

**EB-6026 151 MULTI USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL.**

- **Type of Work:** Planning, Design, Right-Of-Way, and Construction
- **City:** Wilmington
- **County:** New Hanover
- **Division:** L
- **Location:** Brunswick County
- **Comments:**

### Planning, Design, Right-Of-Way, and Construction Notes

- **Cost and Schedules are preliminary and subject to significant change as more information becomes available.**
- **DIV - Division Category**
- **EX - Exempt Category**
- **SD - State Dollars (Non STI)**
- **HF - State Dollars (Non STI)**
- **REG - Regional Category**
- **SW - Statewide Category**
- **TRN - Transition Project**

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**Tuesday, August 27, 2019**
### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### NON-HIGHWAY PROGRAM

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<th>NUMBER (THOU)</th>
<th>PRIOR YEARS</th>
<th>COST (THOU)</th>
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<td>EB-6025</td>
<td>MULTI USE PATH ALONG NC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE.</td>
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<td>New Hanover</td>
<td>EB-6028</td>
<td>CONSTRUCT SIGNALIZED PEDESTRIAN CROSSING AT US 17 BUSINESS (MARKET STREET) AND 21ST STREET.</td>
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Cost and Schedules are preliminary and subject to significant change as more information becomes available.

Tuesday, August 27, 2019

**Notes:**
- DIV - Division Category
- EX - Exempt Category
- SD - State Dollars (Non STI)
- HF - State Dollars (Non STI)
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- SW - Statewide Category
- TRN - Transition Project
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<tr>
<td>F-5703</td>
<td>REPLACEMENT VESSEL (SUPPORT FLEET) FOR TUGS AND BARGES</td>
<td>BEAUFORT</td>
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<td>F-5301</td>
<td>CEDAR ISLAND, SOUTHPORT AND FORT FISHER DOCKS. REPLACE DOLPHINS.</td>
<td>VARIOUS</td>
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<td>DIV F130001</td>
<td>TWO SUPPORT VESSELS TO SUPPORT THREE BARGES. UNDER CONSTRUCTION</td>
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## Ferry Projects

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## Public Transportation Projects

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**Notes:**
- Cost and schedules are preliminary and subject to significant change as more information becomes available.
- FUNDS AUTHORIZED IN PROGRESS

**Dates:**
- FY 2020
- FY 2021
- FY 2022
- FY 2023
- FY 2024
- FY 2025
- FY 2026
- FY 2027
- FY 2028
- FY 2029

**Abbreviations:**
- DIV - Division Category
- EX - Exempt Category
- SD - State Dollars (Non STI)
- HF - State Dollars (Non STI)
- REG - Regional Category
- SW - Statewide Category
- TRN - Transition Project

**Additional Information:**
- Construction Date: 1/2020
- Construction Phase: 2/2020
- Completion Date: 4/2020
- Estimated Cost: $1,000,000

**Key Figures:**
- Number of Projects: 10
- Total Cost: $1,000,000
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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE.
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**Total**

- 2033 1197 783
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- 218 218 218

**Significant Change**

Cost and schedules are preliminary and subject to significant change as more information becomes available.
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**PUBLIC TRANSPORTATION PROJECTS**

- **TN-6137**: 636 636 OPERATING ASSISTANCE SD JARC L NEW HANOVER CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY
- **TN-6108**: 1872 1872 OPERATING ASSISTANCE - NEW FREEDOM SD JARC L NEW HANOVER CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY
- **TN-5135**: 116 116 DESIGN, ENGINEER, AND INSTALL 8 BUS STOP SHELTERS SD FNF L NEW HANOVER CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY
- **TN-6121**: 738 738 OPERATING ASSISTANCE SD FNF NEW HANOVER CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY
- **TO-4751**: 78562 55630 OPERATING ASSISTANCE SD FUZ NEW HANOVER CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY
- **TO-5210**: 368 368 OPERATING ASSISTANCE FOR EXPRESS ROUTE SERVING FORDEN AND DOWNTOWN STATIONS SD JARC NEW HANOVER CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY
- **TP-5111**: 4408 2760 PLANNING ASSISTANCE - 5303 SD FMPL NEW HANOVER CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY

**FUNDS AUTHORIZED IN PROGRESS**

- **TM-6137**
- **TN-6108**
- **TN-5135**
- **TN-6121**
- **TO-4751**
- **TO-5210**
- **TP-5111**

**DIV - Division Category**
**EX - Exempt Category**
**SD - State Dollars (Non STI)**
**HF - State Dollars (Non STI)**
**REG - Regional Category**
**SW - Statewide Category**
**TRN - Transition Project**
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Funds Authorized in Progress

DIV - Division Category       EX - Exempt Category       SD - State Dollars (Non STI)       HF - State Dollars (Non STI)       REG - Regional Category       SW - Statewide Category       TRN - Transition Project

Significant changes are possible as more information becomes available.

Tuesday, August 27, 2019
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**STATEWIDE PROJECT**

**HIGHWAY PROGRAM**

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**TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS**

**DEVELOPMENTAL PROGRAM**

**INTERSTATE PROJECTS**

- I-9999 451003 INTERSTATE MAINTENANCE

**STATEWIDE**

**VARIOUS IN PROGRESS**

- M-0392 5780 4180 HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.

**STATEWIDE**

**VARIOUS IN PROGRESS**

- M-0521 684 384 TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS.

**STATEWIDE**

**VARIOUS IN PROGRESS**

- M-0360 27088 17088 TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.

**STATEWIDE**

**VARIOUS IN PROGRESS**

- M-0505 3535 535 TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.
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**Significant Change as More Information Becomes Available:**

**Debitable Program:**

**Type of Work/Estimated Cost in Thousands/Project Breakdown:**

**Highway Program:**

**Statewide Program:**
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<td>R-5753</td>
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<td>NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.</td>
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<td>POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).</td>
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<td>ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.</td>
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**Table: Statewide Project—Highway Program**

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The cost and schedules are preliminary and subject to significant change as more information becomes available.

Thursday, August 22, 2019
STATEWIDE PROJECT
HIGHWAY PROGRAM

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Significant change may occur in information presented above as additional information becomes available.

Thursday, August 22, 2019

DIV - Division Category        EX - Exempt Category       SD - State Dollars (Non STI)
HF - State Dollars (Non STI)  REG - Regional Category
SW - Statewide Category        TRN - Transition Project
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**STATEWIDELY PROJECT**

**HIGHWAY PROGRAM**

**ROUTE/CITY**

**COUNTY**

**ID**

**LOCATION / DESCRIPTION**

**NUMBER**

**TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS**

**COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE.**

**PAGE 6 OF 15**
## STATEWIDE PROJECT
### HIGHWAY PROGRAM

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**FY 2020** | **FY 2021** | **FY 2022** | **FY 2023** | **FY 2024** | **FY 2025** | **FY 2026** | **FY 2027** | **FY 2028** | **FY 2029**
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- **W-5715** 15000 SIGNAL RETIMING TO IMPROVE SAFETY.
- **C-5600** 51751 STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.
- **C-5601** 1468 STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.
- **C-3600** 6702 DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.

**SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE**

*Thursday, August 22, 2019*
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**CONGESTION MITIGATION PROJECTS**

- **C-5702 2994 2994**: NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM, INCLUDING EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES. IN PROGRESS.

- **C-4903 1500 1500**: NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST. IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY.

- **C-4902 4694 4694**: NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS. PHASE 2 OF IMPLEMENTATION IN PROGRESS.

- **C-9999 300000**: CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS. IN PROGRESS.

**STATEWIDE VARIOUS**

- **ER-5600 43264 3264**: VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE. IN PROGRESS.

- **M-0451 1412 712**: STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS. IN PROGRESS.

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Type of Work: Estimated Cost in Thousands/Project Breaks

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**SAFE ROUTES TO SCHOOLS PROJECTS**

- **SR-5000 6435 6435**
  - **SAFE ROUTES TO SCHOOL PROGRAM.**
  - **EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.**

- **SR-5001 16339 16339**
  - **SAFE ROUTES TO SCHOOL PROGRAM.**
  - **PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.**

**BICYCLE AND PEDESTRIAN PROJECTS**

- **E-4018 13845 1845**
  - **NATIONAL RECREATIONAL TRAILS.**

- **EB-5542 11503 1503**
  - **STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.**

- **EB-3314 6476 6476**
  - **STATEWIDE PEDESTRIAN FACILITIES PROGRAM.**

**OTHER FUNDS REPRESENT MATCH BY LOCAL ENTITY.**

- **EB-6033 SAFE ROUTES TO SCHOOL EDUCATION.**
- **EB-4411 ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.**

**Note:** Cost and schedules are preliminary and subject to significant change as more information becomes available.

**Thursday, August 22, 2019**

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**Local Funds Represent Local Matching Funds Available To Counties:**

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**Cost and Schedules Are Preliminary and Subject To Significant Change As More Information Becomes Available.**

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**Public Transportation Projects**

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**Significant Change**

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE.

**Additional Information**

- DIV - Division Category
- EX - Exempt Category
- SD - State Dollars (Non STI)
- HF - State Dollars (Non STI)
- REG - Regional Category
- SW - Statewide Category
- TRN - Transition Project
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Cost and schedules are preliminary and subject to significant change as more information becomes available.

Thursday, August 22, 2019

DIV - Division Category       EX - Exempt Category       SD - State Dollars (Non STI)       HF - State Dollars (Non STI)       REG - Regional Category       SW - Statewide Category       TRN - Transition Project
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FUNDING TYPES: "F" - Federal  "S" - State  "O" - Other  "C" - City
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 Draft 2020-2029 State/Wilmington Urban Area Metropolitan Planning Organization Transportation Improvement Programs were released in January 2019; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization conducted a 30-day public comment period and public hearing on the Draft 2020-2029 State/Wilmington Urban Area Metropolitan Planning Organization Transportation Improvement Programs; and

WHEREAS, the 2020-2029 State/Wilmington Urban Area Metropolitan Planning Organization Transportation Improvement Programs, for years one through three, will serve as the project selection document for transportation projects within the Wilmington Urban Area Metropolitan Planning Organization’s boundary.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the FY 2020-2029 State/Wilmington Urban Area Metropolitan Planning Organization Transportation Improvement Programs.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on October 30, 2019.

________________________________________
David Piepmeyer, Chair

________________________________________
Mike Kozlosky, Secretary
Board Meeting Minutes  
6th Floor Conference Room, 320 Chestnut Street  
Wednesday, September 25, 2019

Members Present  
David Piepmeyer, Pender County  
Brenda Bozeman, Town of Leland  
Charlie Rivenbark, City of Wilmington  
Mike Allen, Town of Belville  
Steve Shuttleworth, Town of Carolina Beach  
John Ellen, Town of Kure Beach  
Pat Kusek, New Hanover County  
Eulis Willis, Town of Navassa

Others Present  
Mike Kozlosky, Executive Director, WMPO  
Karen Collette, NCDOT Highway Division 3

1. Call to Order  
Chairman Piepmeyer called the meeting to order at 3:00 p.m.

2. Conflict of Interest Statement  
Chairman Piepmeyer read the conflict of interest statement and asked if any members had a conflict with any of the items on the meeting agenda. No members reported having a conflict.

3. Approval of Board Members’ Excused Absences  
Mr. Kozlosky stated that Frank Williams, Mike Alford, Jonathan Barfield and Hank Miller have requested to be excused from the meeting.

Mr. Rivenbark made a motion to excuse the absences of Mr. Williams, Mr. Alford, Mr. Barfield and Mr. Miller. Ms. Kusek seconded the motion, and it carried unanimously.

4. Approval of the Agenda  
Ms. Kusek made a motion to approve the agenda as presented, seconded by Mr. Rivenbark, and the motion carried unanimously.

5. Public Comment Period  
Andrew Koeppel spoke to the MPO Board and expressed concerns regarding the suspension of the Cape Fear Crossing Project. He requested that the MPO Board direct staff to draft a resolution of support for the continuation of the project, which could be later endorsed by the City Council and County Boards of Commissioners. He noted that the resolution should also encourage the consultant to continue its work leading to the selection of a designated route (currently within 95% completion). In addition, Mr. Koeppel requested that the resolution call for an investigation into the feasibility of the Turnpike Authority constructing the bridge, rather than to have the project re-enter the prioritization process. He commented that without action by the MPO Board, the Cape Fear Crossing Project would not move forward.

6. Presentations  
a. Go Coast Annual Report  
   Nick Cannon, Transportation Demand Management (TDM)/Go Coast Coordinator, WMPO, gave a brief presentation on the Go Coast Annual Report.
The fiscal year update on the TDM/Go Coast Program included the following:

- **Commuter Friendly Employer Program** – a program recognizing employers who offer incentives for encouraging alternate forms of transportation via carpooling, bike racks, etc.
- **Be A Looker Campaign** (April - September) – 200 pledges
- **Commuter Challenge** (October) – 11 sponsors; 723 participants; 6,000 trips total; more than 26,000 miles and 18,000 pounds of CO₂ emissions reduced
- **River to Sea Bike Ride** (May) – 400 participants, most attendance in the history of the 20-mile round-trip ride from Wilmington to Wrightsville Beach
- **Bike to Work Week** – 68 participants and an unknown number of unrecorded participants (staff is seeking better participation tracking)
- **Bike Share** – although the City of Wilmington signed an agreement in May, the vendor (Zagster) is no longer able to fulfill its terms and staff is exploring termination of the agreement
- **Go Coast Visibility/Marketing** – more than 1,600 likes on Instagram, 92 posts
- **Go Coast Committee** – 16 members, meets quarterly
- **Go Coast Web Site** – currently under development

b. **Bike/Pedestrian Web Application – Abby Lorenzo, WMPO**

Ms. Lorenzo gave an overview of a web application (app) developed by staff in response to interest expressed by member jurisdictions. The app is an interactive tool centrally located on the WMPO GIS portal page to access bicycle and pedestrian infrastructure data for parks, hiking and biking trails, sidewalks and crosswalks across the WMPO region. She noted that it allows users to zoom in and out of any location to view the available facilities, and is designed to remain a work in progress that will accommodate updates easily as the region continues to grow and add facilities.

Ms. Lorenzo stated that staff is working on a policy to update the application regularly with available data working in conjunction with our member jurisdictions. She noted that during the course of the next 15 weeks, an intern will map bicycle and pedestrian data in the smaller jurisdictions. Although the site is mobile-friendly, staff plans to develop a mobile app with GPS functionality.

7. **Consent Agenda**

a. **Approval of Board Meeting Minutes of August 28, 2019**

b. **Resolution adopting the Wilmington Urban Area Metropolitan Planning Organization’s Rules of Procedure**

c. **Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-4**

d. **Opening 30-day public comment period for 2020-2029 State/MPO Transportation Improvement Programs**

Ms. Kusek made a motion to approve the Consent Agenda as presented. Mr. Allen seconded the motion, and it carried unanimously.

8. **Regular Agenda**

a. **Resolution Endorsing the Fiscally Constrained Project Lists for Inclusion in Cape Fear Moving Forward 2045**
Ms. Lorenzo gave a brief overview of the draft fiscally constrained project lists for inclusion in Cape Fear Moving Forward 2045 that were amended at the MPO Board’s August meeting. She listed the proposed changes to the Roadway Projects list as follows:

- **Remove:**
  - RW-94, Castle Hayne Streetscape Improvements
  - RW-215, Kerr Avenue Extension, 2

- **Replace with:**
  - RW-181, Blue Clay Road Interchange
  - RW-16, Myrtle Grove Road Widening
  - RW-25, Piner Road Improvements and Intersection Realignment
  - RW-129, Navaho Trail and Masonboro Loop Road Roundabout, Northern Intersection
  - RW-191, Mohican Trail and Masonboro Loop Road Roundabout
  - RW-192, Navaho Trail and Masonboro Loop Road Roundabout, Southern Intersection
  - RW-193, Myrtle Grove Road, Piner Road and Masonboro Loop Road Roundabout
  - RW-166, Sidbury Road and Hampstead Bypass Interchange

Ms. Lorenzo stated that the removal of RW-94 and RW-215 would allow five additional projects based on ranking and cost to move into the fiscally constrained Roadway Projects list. She noted that these additions include the following:

- RW-10, New Centre Drive Extension to Clear Run Drive
- RW-137, US 17 and NC 210 Intersection Improvements
- RW-6, Hoover Road Widening
- RW-99, Murrayville Road Widening
- RW-226, US 17/421 and US 17/76 Merge Lane Addition

Ms. Lorenzo stated that the removal of RW-94 and RW-215 would allow five additional projects based on ranking and cost to move into the fiscally constrained Roadway Projects list. She noted that these additions include the following:

- RW-10, New Centre Drive Extension to Clear Run Drive
- RW-137, US 17 and NC 210 Intersection Improvements
- RW-6, Hoover Road Widening
- RW-99, Murrayville Road Widening
- RW-226, US 17/421 and US 17/76 Merge Lane Addition

Ms. Kusek made a motion to approve the resolution endorsing the fiscally constrained project lists for inclusion in Cape Fear Moving Forward 2045.

Mr. Rivenbark expressed concerns regarding the removal of RW-215.

Mr. Ellen seconded the motion, and it carried 7-1. (Mr. Rivenbark voted “No.”)

**b. Resolution supporting the allocation of FY 2020 Surface Transportation Block Grant-Direct Attributable funds to the Cape Fear Public Transportation Authority**

Ms. Kimes gave an overview of the Cape Fear Public Transportation Authority’s request for Fiscal Year 2020 Surface Transportation Block Grant Program-Direct Attributable (STBG-DA) funding and distributed copies of the request. She reminded members that at its February meeting, the MPO Board agreed to continue to assist Wave with DA funds toward ADA and preventative maintenance expenses this year, and to consider future funding if available.

Ms. Kimes stated that Wave Transit has requested $600,000 for ADA and preventative maintenance expenses. She noted that staff recommends providing $500,000 – the amount included in Wave’s current adopted budget. She added that the Technical Coordinating
Committee (TCC) requested further details regarding ADA and preventative maintenance expenses.

Ms. Kimes stated that the ADA portion funds the Dial A Ride Transportation (DART) Program for individuals who show proof of a disability, live within three-quarters of a mile of a fixed bus route, and an inability to access the bus route. She noted that $150,000 of the DA funds covered 80% of the cost of 10,110 DART rides during the six months from July 1, 2018 to December 31, 2018. She added that other federal funding covered the beginning of the year.

As for the maintenance portion of funds, Ms. Kimes explained that the state of good repair defined by the federal government includes such categories as salaries, fuels, maintenance, communications, tires, utilities, insurance, office supplies, uniforms, professional services, etc. to keep buildings and equipment in good repair. She noted that similar to ADA spending, Wave exhausts one pot of money before using another, and the $350,000 in DA funds went to pay a portion of Wave’s maintenance expenses for the year.

Ms. Kimes stated that the TCC also requested best practices for transit in other MPO regions across the state. She reported that the WMPO was found to provide the highest percentage (15%) of funds for ADA and preventive maintenance. Last year, Greensboro provided 12% for preventative maintenance. However, some regions benefit from Congestion Mitigation & Air Quality (CMAQ) funds, which the WMPO does not receive. In general, DA funds are not given for transit or are given for specific fiscal projects such as the purchase of a bus or a building.

Mr. Kozlosky pointed out that some of the other MPOs have dedicated revenue sources such as a county sales tax that go directly to fund transit.

In response to an inquiry by Mr. Rivenbark. Ms. Kimes stated that staff researched all the other MPOs in the state that have STBG funds.

Chairman Piepmeyer requested that the comparison be forwarded to MPO Board members.

Ms. Kimes gave an update on the DA budget with revised estimates from the jurisdictions. She stated that seven of the 13 active projects in design or close to construction have additional needs including three in the City of Wilmington and four in the Town of Leland. In addition, two of the remaining projects may come forward for additional funding. However, one is in the early stages and the other is on hold due to utility complications. She noted that if the MPO Board wishes to award the additional funds requested, about $89,000 would remain. She pointed out that although $992,000 was held in reserve as a buffer for unintended overruns, about $2.3 million is needed.

Ms. Kimes reminded the MPO Board members that the periodic rescission of Transportation Alternative Set Aside (TASA) funds is expected. Although the amount is unknown, she estimated that about $1 million remains in unobligated TASA funds. She noted that each phase of TASA funded projects must be obligated first. Of the three that were awarded in the spring, one received obligation prior to the shutdown of the federal government’s system on September 15th. Some older projects did not make it to construction, and may remain unfunded if the MPO Board so desires. However, the jurisdictions that have spent federal
money, may have to repay the federal government any reimbursements received for previous work on an incomplete project or complete it with funds from the jurisdiction.

A question/answer and discussion period was held.

Mr. Rivenbark made a motion to approve the Resolution Supporting the Allocation of FY 2020 Surface Transportation Block Grant- Direct Attributable funds in the amount of $500,000 to the Cape Fear Public Transportation Authority. Ms. Bozeman seconded the motion, and it carried unanimously.

9. Discussion
   a. Cape Fear Moving Forward Alternative Funding Sources
      Ms. Lorenzo gave an overview of alternative funding sources for the Metropolitan Transportation Plan and requested direction from the MPO Board members as to those it would consider supporting. She noted that the alternative funding sources were presented in July to the MPO Board by the consultant (WSP), which prepared a forecast of potential revenue projected out to 2045.

      - Quarter-cent Local Option Sales Tax (General Transportation or Transit) – $612 million
      - Driver’s License Tax ($5 annual fee) – $25 million
      - Vehicle Registration Fee ($7 per vehicle) – $40 million
      - Vehicle Rental Tax (5%) – $29 million
      - Bicycle Registration ($10 annual fee) – $7 million

Ms. Lorenzo reminded the MPO Board members that tolling and municipal bonds are not included as they are project-specific funding sources. She noted that any supported alternative funding would determine which other projects might be considered in the fiscally constrained plan. She expressed a desire to return recommended additional projects to the MPO Board for consideration in October.

Chairman Piepmeyer expressed a desire to schedule a presentation to the Pender County Board of Commissioners in order to determine support for the alternative funding sources. He suggested that the presentation be given to each of the member jurisdictions as well over the next couple of months. Mr. Rivenbark concurred.

In response to an inquiry Ms. Kusek, Ms. Lorenzo stated that the asterisks indicate alternative funding sources that would be implemented at a countywide level only.

Mr. Kozlosky pointed out that bonds can be used for leverage and would raise the ranking or scoring of projects as well.

b. River to Sea Ride Cap
   Mr. Cannon stated that the River to Sea Bike Ride that took place this May was the most successful to date with about 400 participants. He noted that the committee and police officers overseeing the event discussed capping participation at 400. The ride would continue to be 10 miles in each direction, beginning at 7:00 a.m. and ending at 10:00 a.m.

Mr. Cannon stated that the law enforcement officers expressed concerns regarding maintaining the safety of the event and traffic for participation greater than 400 cyclists. He noted that registration was online this year and was opened two weeks in advance of
the event. He commented that thankfully not all of the 600 registrants participated. He suggested that a cap and a fee would necessitate a commitment from participants and encourage a good turnout. He reported that the Technical Coordinating Committee had no objections to a cap.

A brief question/answer and discussion period was held. The MPO Board members had no objection to a cap.

10. Updates
Mr. Kozlosky requested assistance in expediting the scheduling of the presentations to member jurisdictions on funding alternatives for the Metropolitan Transportation Plan in order to maintain the timeline for the plan. Chairman Piepmeyer agreed.

Mr. Kozlosky acknowledged the presence of new MPO staff members: Associate Transportation Planner Rachel McIntyre, and GIS Analyst Luke Foreman. Ms. McIntyre and Mr. Foreman gave some brief professional background information and expressed appreciation.

In response to an inquiry Chair Piepmeyer, Mr. Kozlosky stated that one staff vacancy remains. He noted that the rest of the updates have been included in the agenda packet.

11. Announcements
a. Bike/Pedestrian Committee Meeting – October 8th
b. The next WMPO Board meeting – October 30th

12. Adjournment
With no further business, the meeting was adjourned at 3:56 p.m.

Respectfully submitted,

Mike Kozlosky
Executive Director
Wilmington Urban Area Metropolitan Planning Organization

THE ABOVE MINUTES ARE NOT A VERBATIM RECORD OF THE PROCEEDINGS.
THE ENTIRE PROCEEDINGS ARE RECORDED ON A COMPACT DISC AS PART OF THIS RECORD.
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*EB-6037*

STIP/MPO TIP Amendment 19-4

Proposed Amendments to 2018-2027 and 2020-2029 STIP/MPO TIP Programs
RESOLUTION APPROVING AMENDMENT #19-4 TO THE 2018-2027 AND 2020-2029 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, 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 2018-2027 State Transportation Improvement Program on August 3, 2017 and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on August 30, 2017; 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 amend the adopted 2018-2027 and 2020-2029 State/MPO Transportation Improvement Programs for Amendment #19-4; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has conducted a 30-day public comment period to receive citizen input on this proposed amendment.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the 2018-2027 and 2020-2029 State/MPO Transportation Improvement Programs for Amendment #19-4.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on October 30, 2019.

______________________________
David Piepmeyer, Chair

______________________________
Mike Kozlosky, Secretary
STATE OF NORTH CAROLINA  
COUNTY OF NEW HANOVER

FY 2019-2020 PUBLIC TRANSPORTATION PLANNING SECTION 5303 GRANT  AGREEMENT FOR THE WILMINGTON URBANIZED AREA

THIS AGREEMENT made and entered into this ___ day of _____________, 2019 by and between the City of Wilmington, the Wilmington Urban Area Metropolitan Planning Organization, a metropolitan planning organization and the Cape Fear Public Transportation Authority d/b/a “Wave Transit”, a North Carolina public transportation authority.

W I T N E S S E T H

WHEREAS, by joint resolution the City of Wilmington and New Hanover County established the “Cape Fear Public Transportation Authority” (hereinafter referred to as “Wave”) to provide public transportation services within the area designated as the Wilmington Urbanized Area (hereinafter referred to as “UZA”), effective July 1, 2004, in recognition of the fact that some traffic and transportation concerns of each entity are the same without regard for any jurisdictional boundary; and

WHEREAS, pursuant to, and in compliance with, 23 C.F.R. § 450.306, the Wilmington Urban Area Metropolitan Planning Organization (hereinafter referred to as “MPO”) was designated as the policy body for cooperative transportation decision making in the UZA; and

WHEREAS, the City of Wilmington serves as the Lead Planning Agency for the MPO; and

WHEREAS, on November 18, 2015, the MPO, which includes the City of Wilmington,
New Hanover County, North Carolina Department of Transportation, and other urban area jurisdictions adopted the “Cape Fear Transportation 2040” which affects the UZA; and

WHEREAS, Wave is the provider of public transportation services in the UZA; and

WHEREAS, on June 22, 2005, the Secretary of Transportation for the State of North Carolina, with authority vested by the Governor of the State of North Carolina, and in accordance with Title 49 of the United States Code § 5307(a)(2) and the Transportation Equity Act for the 21st Century, declared Wave to be a designated recipient of Federal Urbanized Area Formula Program funds for the UZA; and

WHEREAS, the MPO is the recipient of Federal Transit Administration 49 U.S.C. § 5303 transit planning funds for the UZA; and

WHEREAS, the Federal Transit Administration, pursuant to 49 U.S.C. § 5303, provides 80% of transportation planning funds for the UZA, the North Carolina Department of Transportation provides 10%, and the required 10% local match is shared by the members of the MPO in accordance with the Memorandum of Understanding for Cooperative, Comprehensive, and Continuing Transportation Planning, dated June 30, 2016; and

WHEREAS, 23 C.F.R. § 450.314 requires an agreement between Wave and the MPO specifying cooperative procedures for carrying out transportation planning and programming.

NOW THEREFORE, in consideration of the mutually beneficial covenants of agreement between the parties hereinafter expressed in enumerated terms, the adequacy and sufficiency of which of hereby acknowledged by each as valuable consideration the City of Wilmington on behalf of the Metropolitan Planning Organization and Wave agree as follows:
1. **Cooperation.** The MPO and Wave shall cooperate in long range planning for the provision of public transportation services in the UZA, including the Metropolitan Planning Organization Transportation Improvement Program (hereinafter referred to as “MPO TIP”). Such cooperation includes, but is not limited to, estimating funds needed for the services recommended in the MPO TIP as adopted by the MPO. MPO TIP is in accordance with the State Transportation Improvement Program, and is periodically amended as the State Transportation Improvement Program is updated.

2. **Planning.** Wave shall be afforded the opportunity for meaningful participation in the public transportation planning and decision making process. The parties shall insure that projects in the public transportation service portion of the MPO TIP are included in the planning process.

3. **Tasks.** Wave agrees and covenants to dutifully and properly perform the program tasks assigned to them as evidenced by the line item allocation shown on the MPO’s budget which is known as the Unified Planning Work Program.

4. **Funding.** The MPO will pay to Wave seventy percent (70%) of its allocation of 49 U.S.C. § 5303 planning funds for the term of this agreement. No funds paid under this Agreement shall be paid from the City of Wilmington’s funds, except those held for the MPO. No funds paid under this agreement shall exceed $56,000.

5. **Duration.** This Agreement shall commence on the date of its full execution by all parties and continue for one year or as long as Federal and State funding for public transportation planning are provided for the UZA if such funding is for less than one year.

6. **Termination.** This Agreement shall terminate as a result of the loss of Federal
and/or State funding for public transportation services for the UZA. Additionally, any party may terminate this Agreement upon written notice to the other party which specifies an effective date of termination. The effective date of said “Notice of Termination” shall be no earlier than thirty (30) days prior to the date the notice is sent.

7. **Governing Law.** All of the terms and conditions contained herein shall be interpreted in accordance with the laws of the State of North Carolina without regard to any conflicts of law principles and subject to the exclusive jurisdiction of federal or state courts within the State of North Carolina. In the event of a conflict between the various terms and conditions contained herein or between these terms and other applicable provisions, then the more particular shall prevail over the general and the more stringent or higher standard shall prevail over the less stringent or lower standard.

8. **Entire Agreement, Amendments.** This Agreement constitutes the entire contract between the parties, and no warranties, inducements, considerations, promises or other inferences shall be implied or impressed upon this agreement that are not set forth herein. This Agreement shall not be altered or amended except in writing signed by all Parties.

**IN WITNESS WHEREOF,** the due execution in agreement by parties hereto as evidenced by the hereafter affixed signatures.

(This space is left intentionally blank)
CITY OF WILMINGTON

___________________________
Bill Saffo, Mayor

ATTEST:

___________________________
Penelope Spicer-Sidbury, City Clerk  [SEAL]

Approved as to form:

___________________________
John Joye, City Attorney

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, __________________________________, a Notary Public of _______________ County, North Carolina, certify that Penelope Spicer-Sidbury personally came before me this day and acknowledged that she is City Clerk of the City of Wilmington, and that by authority duly given and as the act of the Council, the foregoing instrument was signed in its name by its Mayor, sealed with its corporate seal and attested by herself as its City Clerk.

WITNESS my hand and official seal, this _____ day of ______________, 2019.

___________________________
Notary Public

My commission expires:  ____________

CERTIFICATION

This instrument has been preaudited in the manner required by The Local Government Budget and Fiscal Control Act.

This ___ day of ________________, 20____.

___________________________________
Jennifer Maready, City Finance Officer

Project Number:   MP1920    (if applicable)
Account Number:   021-2753-442.31-60
Amount of Contract: $__ Not to Exceed56,000
Federal ID Number:  56 6000239

Page 5 of 7
WILMINGTON URBAN AREA METRO
PLANNING ORGANIZATION,
by and through its Board

By: __________________________________
    Honorable David Piepmeyer, Chair

Attest: ________________________________
    Secretary Mike Kozlosky

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, ________________________________, a Notary Public in and for the State and County aforesaid,
certify that Mike Kozlosky came before me this day and acknowledged that he is the Secretary of
the Board of the Wilmington Urban Area Metropolitan Planning Organization, and that by
authority duly given and as the act of the Organization, the foregoing instrument was signed in
its name by its Chairman and attested by himself as its Secretary.

    WITNESS my hand and official seal, this ___ day of ____________, 2019.

__________________________________ (Seal)
Notary Public
My commission expires: ____________.
CAPE FEAR PUBLIC TRANSPORTATION
AUTHORITY d/b/a Wave Transit

By: ________________________________
   Chairman

Attest: ________________________________
   Secretary

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, ____________________________, a Notary Public in and for the State and County aforesaid, certify that ______________________ personally came before me this day and acknowledged that s/he is the Secretary of the Cape Fear Public Transportation Authority d/b/a Wave Transit, and that by authority duly given and as the act of the Authority, the foregoing instrument was signed in its name by its Chairman, sealed with its seal and attested by herself as its Secretary.

Witness my hand and official seal, this the ____ day of ______________, 2019.

______________________________ (Seal)
Notary Public
My Commission Expires: ____________.
RESOLUTION AUTHORIZING THE CHAIRMAN TO ENTER INTO AN AGREEMENT WITH THE CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY AND CITY OF WILMINGTON FOR THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION TO PROVIDE FY 19-20 SECTION 5303 FUNDING TO THE CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY FOR PUBLIC TRANSPORTATION PLANNING ACTIVITIES

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, in accordance with 23 CFR § 450.306, the Wilmington Urban Area Metropolitan Planning Organization was designated as the policy body for cooperative transportation decision making in the Wilmington Urbanized Area (UZA); and

WHEREAS, the City of Wilmington and New Hanover County effective July 1, 2004 established the Cape Fear Public Transportation Authority to provide public transportation services within the UZA; and

WHEREAS, the Cape Fear Public Transportation Authority is the provider of public transportation services within the UZA; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is the recipient of Federal Transit Authority 49 CFR § 5303 transit planning funds for the UZA; and

WHEREAS, the City of Wilmington serves as the Lead Planning Agency for the Wilmington Urban Area Metropolitan Planning Organization; and

WHEREAS, 23 CFR § 4510.314 requires an agreement between the Cape Fear Public Transportation Authority and the Wilmington Urban Area Metropolitan Planning Organization specifying cooperative procedures for carrying out transportation planning and programming.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby authorizes the Chairman to enter into an agreement for FY 19-20 with the Cape Fear Public Transportation Authority and City of Wilmington for the Wilmington Urban Area Metropolitan Planning Organization to provide Section 5303 funding in an amount not to exceed $56,000 to the Authority to complete public transportation planning activities within the MPO’s Urbanized Area boundary.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on October 30, 2019.

_________________________
David Piepmeyer, Chair

_________________________
Mike Kozlosky, Secretary
Proposed Amendments to 2018-2027 and 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment 19-5

October 2019

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

1. EB-6039

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

2. EB-6233

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

3. U-6234

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

4. U-6235

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

5. U-6236

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

6. U-6237

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

7. U-6238

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

8. U-6239

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

9. U-6240

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

10. U-6241

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

11. U-6242

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

12. U-6243

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

13. U-6244

NEW HANOVER COUNTY

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14. U-6245

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

15. U-6246

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

16. U-6247

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

17. U-6248

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

18. U-6249

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19. U-6250

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20. U-6251

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

21. U-6252

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

22. U-6253

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

23. U-6254

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

24. U-6255

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

25. U-6256

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

26. U-6257

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

27. U-6258

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

28. U-6259

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

29. U-6260

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

30. U-6261

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

31. U-6262

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

32. U-6263

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

33. U-6264

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

34. U-6265

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

35. U-6266

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

36. U-6267

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

37. U-6268

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

38. U-6269

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

39. U-6270

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

40. U-6271

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

41. U-6272

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

42. U-6273

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

43. U-6274

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

44. U-6275

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

45. U-6276

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

46. U-6277

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

47. U-6278

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

48. U-6279

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

49. U-6280

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

50. U-6281

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

51. U-6282

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

52. U-6283

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

53. U-6284

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

54. U-6285

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

55. U-6286

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

56. U-6287

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

57. U-6288

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.

58. U-6289

NEW HANOVER COUNTY

PROJECT ADDED AT REQUEST OF MPO.
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VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.
ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.

RIGHT-OF-WAY CONSTRUCTION
FY 2020 - $30,000 (HSIP)
FY 2021 - $30,000 (HSIP)
FY 2022 - $30,000 (HSIP)

FY 2020 - $630,000
FY 2021 - $180,000 (HSIP)
FY 2022 - $180,000 (HSIP)

TRANSPORTATION MOBILITY AND SAFETY
PROJECT ADDED AT REQUEST OF SAFETY DIVISION.
STATEWIDE CONSTRUCTION
FY 2020 - $450,000 (HSIP)
FY 2021 - $450,000 (HSIP)
FY 2022 - $450,000 (HSIP)
FY 2023 - $450,000 (HSIP)
FY 2024 - $450,000 (HSIP)
FY 2025 - $450,000 (HSIP)
FY 2026 - $450,000 (HSIP)
FY 2027 - $450,000 (HSIP)
FY 2028 - $450,000 (HSIP)
FY 2029 - $450,000

$4,500,000

TRANSFER TO PROGRAMMABLE
CONSTRUCTION
FY 2022 - $518,000 (HSIP)
FY 2023 - $180,000 (HSIP)
FY 2024 - $300,000 (HSIP)
FY 2025 - $300,000 (HSIP)

RIGHT-OF-WAY AND CONSTRUCTION NOT LOCATIONS IN DIVISION 3.
VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS

W-5715SW
STATEWIDE PROJ. CATEGORY

VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY.

PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.

STATEWIDE CONSTRUCTION
FY 2020 - $600,000 (HSIP)
FY 2021 - $600,000 (HSIP)
FY 2022 - $600,000 (HSIP)
FY 2023 - $600,000 (HSIP)
FY 2024 - $600,000 (HSIP)
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FY 2028 - $600,000 (HSIP)
FY 2029 - $6,000,000 (HSIP)

STATEWIDE PROJ. CATEGORY

VARIOUS, SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.

PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.

STATEWIDE ENGINEERING
FY 2020 - $1,650,000 (HSIP)
FY 2021 - $1,650,000 (HSIP)
FY 2022 - $1,650,000 (HSIP)
FY 2023 - $1,650,000 (HSIP)
FY 2024 - $1,650,000 (HSIP)
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FY 2027 - $1,650,000 (HSIP)
FY 2028 - $1,650,000 (HSIP)
FY 2029 - $16,500,000 (HSIP)

STATEWIDE PROJ. CATEGORY

VARIOUS, SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.

PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.

STATEWIDE ENGINEERING
FY 2020 - $1,650,000 (HSIP)
FY 2021 - $1,650,000 (HSIP)
FY 2022 - $1,650,000 (HSIP)
FY 2023 - $1,650,000 (HSIP)
FY 2024 - $1,650,000 (HSIP)
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STATEWIDE PROJ. CATEGORY: VARIOUS, HIGHWAY SYSTEM DATA COLLECTION.
PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.

STATEWIDE ENGINEERING

FY 2020 - $150,000 (HSIP)
FY 2021 - $150,000 (HSIP)
FY 2022 - $150,000 (HSIP)
FY 2023 - $150,000 (HSIP)
FY 2024 - $150,000 (HSIP)
FY 2025 - $150,000 (HSIP)
FY 2026 - $150,000 (HSIP)
FY 2027 - $150,000 (HSIP)
FY 2028 - $150,000 (HSIP)
FY 2029 - $150,000 (HSIP)

$2,000,000

STATEWIDE

TRANSPORTATION

PROJECT ADDED AT REQUEST OF COLLECTION.
STATEWIDE VARIOUS, HIGHWAY SYSTEM DATA

STATEWIDE ENGINEERING

FY 2020 - $200,000 (HSIP)
FY 2021 - $200,000 (HSIP)
FY 2022 - $200,000 (HSIP)
FY 2023 - $200,000 (HSIP)
FY 2024 - $200,000 (HSIP)
FY 2025 - $200,000 (HSIP)
FY 2026 - $200,000 (HSIP)
FY 2027 - $200,000 (HSIP)
FY 2028 - $200,000 (HSIP)
FY 2029 - $200,000 (HSIP)

$2,500,000

STATEWIDE

TRANSPORTATION

PROJECT ADDED AT REQUEST OF COLLECTION.
REGIONAL VARIOUS, HIGHWAY SYSTEM DATA

STATEWIDE ENGINEERING

FY 2020 - $150,000 (HSIP)
FY 2021 - $150,000 (HSIP)
FY 2022 - $150,000 (HSIP)
FY 2023 - $150,000 (HSIP)
FY 2024 - $150,000 (HSIP)
FY 2025 - $150,000 (HSIP)
FY 2026 - $150,000 (HSIP)
FY 2027 - $150,000 (HSIP)
FY 2028 - $150,000 (HSIP)
FY 2029 - $150,000 (HSIP)

$2,500,000

W-5712W
ARTICLE I - NAME

The name of this organization shall be the Wilmington Urban Area Metropolitan Planning Organization (WMPO) Transportation Demand Management (TDM) Advisory Committee, hereinafter referred to as the "Go Coast Committee."

ARTICLE II - PURPOSE AND DEFINITIONS

The purposes of the Go Coast Committee are as follows:

- To provide advice and direction to the Transportation Demand Management (TDM) Coordinator on Go Coast Program initiatives.
- To share Go Coast Program initiatives with affiliates of the organizations and member jurisdictions represented on the Go Coast Committee.
- To help determine transportation demand needs for the Wilmington Urban Area MPO’s planning boundary.

The definitions of pertinent terms are as follows:

- Representative: the primary voting member that is representing an organization on the Go Coast Committee.
- Alternate: the secondary voting member that is representing an organization on the Go Coast Committee. Alternates may only vote in the absence of the Representative of the same organization.

ARTICLE III - MEMBERS

Section I- Qualifications:

The Go Coast Committee shall consist of Representatives from the WMPO region’s major employers, member jurisdictions, and other community stakeholders. Representatives should submit a letter of acceptance to the Go Coast Committee presented on the organization’s letterhead with the name and signature of the Representative. The Go Coast Committee shall strive to have representation from a variety of interests and perspectives in the WMPO planning region. The Go Coast Committee will select members to have representation from, including but not limited to, the following:

- A minimum of one employer with more than 1,000 employees
- A minimum of one employer with between 500 and 1,000 employees
- A minimum of one employer with between 100 and 500 employees
- The Cape Fear Public Transportation Authority
- A minimum of one institution of higher learning
- The WMPO member jurisdictions
Section II- Terms of Committee Membership:

All Representatives serving on the Go Coast Committee are obligated to remain on the Committee for the entire fiscal year (June to July) and attend one meeting each quarter of the fiscal year. If a Representative is no longer able to serve on the Go Coast Committee for any reason including leaving the organization, it is the responsibility of the Representative to find a replacement to represent the organization. If the Representative of the organization changes at any time, the new Representative should submit a letter of acceptance to the Go Coast Committee presented on the organization’s letterhead with the new name and signature of the Representative. If an organization or member jurisdiction represented on the Go Coast Committee wishes to no longer be on the Committee, the Representative should provide a letter of resignation presented on the organization’s letterhead.

Section III -Alternates:

Each Representative on the Go Coast Committee may appoint one (1) Alternate. The Alternate member may attend quarterly Go Coast Committee meetings and receive Committee communications via email. In the event of a vote, each organization will receive one (1) vote even if both the Alternate and Representative are present. The Alternate may vote in place of the Representative if the Representative is absent from a meeting. If the Representative has not selected an Alternate but cannot attend a meeting, they should not send a Proxy to attend. In the event that the Representative of an organization changes, it is not mandatory that the selected Alternate become the new Representative. Absentee voting is not permitted.

ARTICLE IV - OFFICERS

Section 1- Officers Defined:

The Committee, upon majority vote of its membership, shall appoint one Representative of the Committee to act as Chairman and one Representative to act as Vice-Chairman. The Chairman shall call to order and preside over meetings and appoint Committee members. In absence of the Chairman, the Vice-Chairman shall preside and complete all duties of the Chairman. Alternates are not permitted to be elected as Chairman and Vice-Chairman. If any officer resigns from the committee, an election will be held at the following scheduled meeting.

Section III- Elections

Officers shall be elected annually at the last quarterly meeting of the fiscal year by the voting members of the Go Coast Committee, with their terms to begin at that first meeting of the following fiscal year. Officers shall serve for a period of one (1) year from their election and may be re-elected. In the event that the position of Transportation Demand Management Coordinator is vacant, the interim Chairman shall be a staff member of the WMPO appointed by the WMPO Executive Director.
ARTICLE V - MEETINGS

Section I - Meetings:

Regular schedules will be adopted by the Committee at the last meeting of the fiscal year except upon adoption of these bylaws in which the schedule will be adopted in the first meeting of the fiscal year. Meetings shall be scheduled one per quarter. If there is insufficient reason for a regularly scheduled meeting, as determined by the Chairman, the Chairman will notify members of the meeting's cancellation. Meetings shall be conducted under parliamentary procedures consistent with Robert’s Rules of Order. A Special or Emergency meeting is a separate session held at a time different from that of a regular meeting, and convened only to consider one or more items of business specified in the call of the meeting. Notice of the time, place and exact purpose of the meeting must be emailed to all members ten (10) days in advance. The reason for the special or emergency meeting is to deal with important matters that may arise between regular meetings and that urgently require action by the Committee before the next regular meeting.

Section II - Quorums and Majority Vote:

A quorum is required for the transaction of all business, including conducting meetings or hearings, participating in deliberations, or voting upon business. A quorum consists of 51% of the members of the Go Coast Committee, plus as many additional members as may be required to ensure that 51% of the possible votes are present.

Section III - Attendance:

Each Representative shall be expected to attend each scheduled meeting. Any Go Coast Committee member asking to be excused shall require a call or email to the WMPO’s Transportation Demand Management Coordinator, or the acting Chairman at least 24 hours in advance of the meeting unless in the case of an emergency or sickness. If an Alternate attends a meeting in place of the member, this will not count as an absence for the Representative. Representatives may only acquire one (1) unexcused absence each year. Upon the second unexcused absence, the chair will ask the Representative to resign from the Committee and find a new Representative to represent their organization.

ARTICLE VI - VOTING PROCEDURES

Section I - Majority Votes:

Any Representative may call for a vote on any issue provided that it is seconded by another Representative. Each voting member of the Committee shall have one vote, and a majority vote of those present and voting shall constitute approval of any motion, provided a quorum exists. Absentee voting is not permitted.

Section II - Agenda:

The agenda is the list of items suggested for discussion at a Committee meeting. Agenda items originate from the Transportation Demand Management Coordinator or as a carry-over from previous meetings, are placed on the agenda prior to its distribution. In order for a Committee member to submit an item(s) to the Go Coast Committee, the item(s) must be submitted no later than 5:00 p.m. seven (7) business days before the following meeting.
ARTICLE III - AMENDMENTS TO BYLAWS

The bylaws may be amended or repealed and new bylaws adopted by the affirmative vote of at least two-thirds (2/3) of the eligible voting members. Amendments can take place during any regular or special meeting.
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD

RESOLUTION APPROVING THE BYLAWS FOR THE GO COAST
TRANSPORTATION DEMAND MANAGEMENT COMMITTEE

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 Metropolitan Planning Organization’s Transportation Demand
Management Advisory Committee, also known as the Go Coast Committee, was created in 2013; and

WHEREAS, the committee is comprised of community stakeholders including major
employers, member jurisdictions, and educational institutions; and

WHEREAS, the Go Coast Committee provides advice and direction to the Transportation
Demand Management Coordinator on Go Coast Program initiatives and shares those initiatives
with affiliates of the organizations represented on the committee; and

WHEREAS, the committee also helps determine transportation demand needs within the
Wilmington Urban Area Metropolitan Planning Organization’s planning area boundary; and

WHEREAS, the Go Coast Committee bylaws were unanimously approved at the September 19,
2019 Transportation Demand Management Go Coast Committee meeting; and

WHEREAS, these bylaws outline the purpose of the committee and the expectations of its
members.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan
Planning Organization hereby approves the bylaws for the Go Coast Transportation Demand
Management Committee.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning
Organization’s Board on October 30, 2019.

________________________________________
David Piepmeyer, Chair

________________________________________
Mike Kozlosky, Secretary
Introduction
In February 2019 during budget preparation for Fiscal Year 2020, the Cape Fear Public Transportation Authority faced a looming budget deficit. The deficit was a combination of revenue reductions from state and federal sources, grant program expiration, increased expenses, namely health and liability insurance, and the opening of the Downtown Transit Center. Numerous meetings with funding partners and the Authority Finance & Budget Committee led to a series of reports detailing suggestions to ensure budget compliance. The analysis led to the following proposal which includes service reduction and a request for additional local revenue to complete FY 2020 with a balance budget compliant with funding realities of Wave Transit. The preliminary reports are available online by clicking on the following links:
- Transpro Short-Term Efficiencies and Long-Term Governing Model Report Analysis
- Shifting Gears-Transitioning Service Models
- Service Reduction Opportunities-October 2019
The proposed FY 2020 budget shortfall is estimated to be $775,000. A portion of the deficit can be made up from unallocated fund balance. Although this method of budget management is not preferred, it provides a viable option for ensuring minimal service disruption. Wave Transit is optimistic that service reductions and proposed increased revenue from local funding partners will allow the Authority to complete FY 2020 within budget.

Proposed Reductions
A list of six service reduction opportunities were presented to the Wave Transit Finance & Budget Committee for consideration. While all of the cuts would be impactful, the initial six opportunities were pared to three. It is believed that the three recommendations would have the least impact and would minimize ridership recovery should revenue be identified to restore the route to its current configuration. Compliance with FTA requirements for service reduction, especially civil rights and service equity impacts, was given careful consideration when identifying the final service reduction recommendations.

Expense Recommendation 1 - Reduce Daily Service Hours from 9:00pm to 8:00pm
Wave Transit currently provides off-peak weekday evening service until 9:00pm. Evening service was implemented in 2007 following the Authority’s initial five year plan. It has proven vital to service employees, many of whom are economically hardship and reliant on Wave Transit for employment transportation. While the percentage of off-peak customers may seem insignificant, ridership typically drops as the end of the service day approaches. This is due to less travel and customers wanting to ensure that they make their final destination prior to the end of daily service.

RECOMMENDATION JUSTIFICATION
- The reduction requires limited employee support after 8:00pm
- Technicians would continue to stay after 8:00pm to service the fleet but would leave one hour sooner if this reduction were implemented
- Overhead is positively impacted by a reducing daily service by one hour
- Due to decreased ridership, evening service has a high cost per passenger and cost per mile of service
- Overhead costs would be reduced by one hour daily
- Most medical practices are closed on in the evening but educational and employment customers utilizing Wave Transit could be negatively impacted

IMPACT
- Estimated FY 2020 savings - $100,850
- Loss of 2.3% of weekday ridership or 19,200 annual passengers
- Loss of 314 annual paratransit trips
- Reduction of off-peak weekday service is not believed to be in violation of FTA, civil rights or ADA requirements or annual certifications and assurances

Expense Recommendation 2 - Reduce Saturday Service Hours from 6:00am until 9:00pm to 9:00am until 6:00pm
Wave Transit currently provides Saturday service hours identical to weekday service with the exception of select routes. Saturday service hours were adopted from the standards employed by the Wilmington Transit Authority prior to the creation of Wave Transit. Saturday service is vital to service employees, many of whom are economically hardshipped and reliant on Wave Transit...
for employment transportation.

**RECOMMENDATION JUSTIFICATION**
- The reduction results in limited employee need and support for six hours each Saturday
- Overhead is positively impacted by a reducing of Saturday hours
- Saturday service has a higher cost per passenger and cost per passenger mile than weekday service but a lower cost per mile and cost per passenger than Sunday service
- Overhead costs would be reduced by one hour daily

**IMPACT**
- Estimated FY 2020 savings - $86,750
- Loss of 0.75% of weekday ridership or 6,500 annual passengers
- Loss of 1,872 annual paratransit trips
- Reduction of Saturday service hours is not believed to be in violation of FTA, civil rights or ADA requirements or annual certifications and assurances

**Expense Recommendation 3 - Suspension of Grants & Compliance Coordinator Position**
As part of the 2017 Organizational Analysis, the structure of the Authority was modified to meet the administrative needs of Wave Transit. No additional administrative positions were added, although new titles and definition of responsibilities were implemented. The reorganization resulted in the Director of Planning position being replaced by a Grants and Compliance Coordinator position. The Coordinator has improved the Authority’s oversight of many compliance requirements including: drug and alcohol testing; grant application, compliance and management; National Transit Database reporting; safety and security plan implementation and compliance; training; FTA Triennial review compliance and management; and a host of complex reporting requirements.

The position has been vacant since June 2019 and has intentionally not been filled until clear local funding direction is identified. The proposed suspension of the position is for a period until funding has been appropriated to reinstate the position.

**RECOMMENDATION JUSTIFICATION**
- The position is currently vacant
- Elimination of an administrative position equitably distributes job elimination among all divisions of the Authority

**IMPACT**
- Estimated FY 2020 savings - $65,000
- Current employees will be utilized to fill the position resulting in additional training and costs
- Compliance with numerous federal and state programs may be jeopardized
- Suspension of 1 full-time position

**Revenue Recommendation 1 - Supplemental Appropriation**
The proposed expense reductions total $252,600 for the final six months of FY 2020. It is estimated that supplemental appropriations equaling 17.29% of the apportioned FY 2020 contribution from funding partners would make up the remaining deficit. The request would be quantified below (dollar amounts rounded):
- City of Wilmington - $250,000
- New Hanover County - $57,000
- Brunswick Consortium
  - Brunswick County - $5,500
  - Leland - $9,500
  - Navassa - $2,350
- Town of Carolina Beach - $1,800

**TOTAL ADDITIONAL REVENUE REQUEST - $326,150**
The Authority is unable to estimate the willingness of local funding partners to grant the proposed requests, especially since their budget years have begun. A significant portion of the request will be required to prevent more drastic expense reduction measures.
WILMINGTON URBAN AREA MPO
OCTOBER 2019

2045 METROPOLITAN TRANSPORTATION PLAN
Project Description/Scope: The Wilmington Urban Area Metropolitan Planning Organization is required by federal law to update the Metropolitan Transportation Plan every 5 years. The last plan was adopted by the MPO Board on November 18, 2015. The next update is required to be adopted by November 2020. This plan will guide the regional transportation priorities and actions, and be used for project selection in the State/Metropolitan Transportation Improvement Programs. The MPO Board appointed a Citizen Advisory Committee (CAC) to help guide the development of this plan. A four month public outreach period was held between April 3, 2018 and July 31, 2018. During this period, there were 2,287 transportation survey responses, 563 comments on the public input map tool, and 4,554 votes on map comments, totaling 7,404 responses collected. In July 2018, the six modal subcommittees began meeting with the initial task of developing modal goals and objectives, which were completed in October 2018 and officially adopted by the Board in November 2018. The Modal Subcommittees have completed scoring criteria, evaluation of projects and development of the draft policies. The CAC, TCC and Board received the financial forecasts and potential alternative funding sources in March 2019. The consultant completed the project cost estimates and alternative funding forecasts in June 2019. A red line, fiscal constraint analysis of ranked modal projects were prepared and presented by staff to the CAC, TCC, and Board in July. The WMPO Board proposed changes at its August meeting and adopted a resolution endorsing the amended draft project lists in September 2019.

Next Steps:
- At the request of the WMPO Board, staff will be making presentations on potential alternative funding sources to the governing boards of its member jurisdictions in October in order to gain guidance and support on which sources should be supported and considered within the plan.
- Projects considered for potential funding by identified and Board supported alternative funding forecasts will be identified by staff and reviewed and approved by the CAC, TCC, and Board in November 2019.
- Release of Draft Plan to public anticipated for end of January 2020
- Adoption of final plan by November 2020

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 Development Plan Reviews: 3 reviews
- New Hanover County Informal Plan Reviews: 1 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Formal Reviews: 1 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Navassa Formal Reviews: 0 reviews
- Town of Navassa Informal Reviews: 0 reviews
- Town of Navassa Concept Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
• Brunswick County Informal Plan Reviews: 0 reviews
• TIA Reviews: 17 total (New Hanover County 4, City of Wilmington 7, Carolina Beach 0, Leland 2, Navassa 1, and Pender County 2, Brunswick County 1); new 1 and ongoing 16
• Pender County Development Plan Reviews: 2 reviews
• Pender County Informal Plan Reviews: 0 reviews
• Pender County Concept Reviews: 0 reviews
• City of Wilmington Formal Reviews: 42 (8 new, 36 on-going)
• City of Wilmington Informal Reviews: 23 (4 new, 19 on-going)
• City of Wilmington Concept Reviews: 5 (4 new concept reviews, 1 on-going concept)
• COW Project Releases: 10 Full releases

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:
• Complete review of final design package and submit to NCDOT for review—Fall 2019
• NCDOT final design approval and City to request Construction Funds Authorization—Winter 2019
• Begin Construction—Summer 2020
• Complete Construction—Summer 2021

U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP
Project Descriptions/Scope: This project is for design and construction of a ten foot (10') wide multi use path, separate but adjacent to Old Fayetteville Road, beginning at or around the corner of the Leland Town Hall Campus and ending at the driveway of the North Brunswick High School.

Project Status and Next Steps:
• ROW certification has been issued
• Construction funds have been requested for release
• Updated PCE approved on December 4, 2018
• Davenport identified potential utility conflicts; The Town has authorized Level A – S.U.E. services to be performed to verify where conflicts exist; AECOM will revise plans to reflect any utility relocations that must be done; revised plans must then be approved by NCDOT.
• S.U.E. information has been sent to AECOM for revisions.
• Supplemental Agreement #3 dated March 28, 2019 extends project completion deadline to July 1, 2020.
• Bid and award timeline will depend upon Davenport’s findings from SUE; prefer to bid this and projects U-5534I, J and K at the same time.
• Engineer is revising the plans to reflect utility relocations and will resubmit for NCDOT approval
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. The right of way certification was received November 2, 2016.

Project Status and Next Steps:
- Plans approved 8/20/19
- Specification comments received 9/24/19; still need Utility/RR cert, CE Consult and construction estimate approval
- Begin Construction – Spring 2020
- Complete Construction – Fall 2020

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

Project Descriptions/Scope: The project consists of the construction of a 10’ wide multi-use path along Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Ave intersection

Project Status and Next Steps:
- Complete final design package and submit to NCDOT for review– Fall 2019
- Update/renew permits – Winter 2019
- NCDOT final design approval – Winter 2019
- Right of way acquisition complete – Summer 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022

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

Project Descriptions/Scope: This project consists of the construction of a 10’ wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue.

Project Status and Next Steps:
- Complete final design package and submit to NCDOT for review– Fall 2019
- Update/renew permits – Winter 2019
- NCDOT final design approval – Winter 2019
- Right of way acquisition complete – Summer 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022

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:
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project
- Revised 100% plans and specs sent to DOT for final review
• Town to request additional funding from MPO in November

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:
• Right of way acquisition underway
• Right of way Certification- TBD
• Encroachment agreement needed once right-of-way finalized
• Let date will be delayed to match up with “J” project
• Revised 100% plans and specs sent to DOT for final review
• Town to request additional funding from MPO in November

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:
• Right of way acquisition underway
• Right of way Certification- TBD
• Encroachment agreement needed once right-of-way finalized
• Let date will be delayed to match up with “J” project
• Revised 100% plans and specs sent to DOT for final review
• Town to request additional funding from MPO in November

U-5534N –CITY OF WILMINGTON- SHIPYARD BOULEVARD SIDEWALK

Project Description/Scope: The construction of a sidewalk and bus pull-out along Shipyard Boulevard between Vance Street and Rutledge Drive. This will be a partnership between the City of Wilmington, Cape Fear Public Transportation Authority and Wilmington MPO.

Project Status and Next Steps:
• Construction to begin October 14, 2019

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:
• The project has been put on hold until NCDOT’s College Road resurfacing project occurs
• An agreement was sent to NCDOT in early August for execution.
U-5534S (FORMERLY U-5534M)- TOWN OF WRIGHTSVILLE BEACH- CORAL DRIVE SIDEWALKS
Project Descriptions/Scope: The construction of sidewalks along Coral Drive will install approximately 954 linear feet of 5 foot wide sidewalk on Coral Drive adjacent to Wrightsville Beach Elementary. The Town hired SEPI to complete the design.

Project Status and Next Steps:
- The Town is working on acquiring the easements
- Plans and PCE have been approved. The Specs have been sent back to the engineer for corrections.
- Anticipated Let Date: Fall 2019

U-5534T –CITY OF WILMINGTON- TRAFFIC SIGNAL PREEMPTION
Project Description/Scope: This project will install traffic pre-emption equipment at 27 locations throughout the City of Wilmington and GPS devices on fire apparatus.

Project Status and Next Steps:
- Bid opening was held on August 15, 2019.
- Concurrence of Award has been received
- City staff working to execute contracts and set up preconstruction meeting

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:
- A design kickoff meeting was held on August 27, 2019
- Right-of-Way funding request is anticipated in May 2020
- Construction Funding is anticipated in FY2021

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:
- The agreements have been executed
- The Town is working on request for PE funds and Letter of Interest

TASA-DA

U-5527B CITY OF WILMINGTON – 5th AVE INTERSECTION UPGRADES
Project Descriptions/Scope: This project is for the construction of high visibility crosswalks, curb ramps, and pedestrian activated signals on 5th Ave at the Dawson Street and Wooster Street intersections.

Project Status and Next Steps:
- City Council awarded the contract on February 4, 2019. The City is currently working on executing the contract.
- Contractor has been notified that additional funds have been received for overall contract.
City staff working to set up preconstruction meeting

**U-5527C NEW HANOVER COUNTY – MIDDLE SOUND GREENWAY – EXTENSION TO MIDDLE SOUND VILLAGE**

**Project Descriptions/Scope:** This project is for the construction of a multi-use path along Middle Sound Loop Road from Oyster Lane to the Middle Sound Village property line.

**Project Status and Next Steps:**
- R/W Certification received July 1, 2019
- Utility/RR Cert & Engineers estimate submitted September 17, 2019
- Specification comments received September 18, 2019
- Anticipated construction bid Fall 2019

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

**Project Description:** The project consists of the construction of a multi-use path of twelve feet (12’) wide located along NC 133 connecting north and south entrances of Hawks Water Development to Belville Elementary School.

**Project Status and Next Steps:**
- The agreements have been executed
- The Town is working on request for PE funds and Letter of Interest

**EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY**

**Project Description:** Design only of the Middle Sound Greenway connection to Ogden Park

**Project Status and Next Steps:**
- The agreements have been signed
- PE funds have been authorized
- Letter of Interest posted on August 26, 2019

**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 agreements were approved on at the July 16th City Council meeting
- Staff is working to provide the necessary information to utilize the on-call CEI

**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:**
- The agreement has been executed
- Plans have been approved by NCDOT.
- The Town is working on construction documents, permits, PCE and right of way certification
TRANSPORTATION DEMAND MANAGEMENT PROGRAM

Project Description/Scope: UNCW is taking the role as lead employer for the Cape Fear region. The WMPO will coordinate with UNCW to work with other major employers in the region to identify opportunities for public outreach, marketing, carpooling, vanpooling, alternative/compressed work schedules, Emergency Guaranteed Ride Home, park and ride lots, etc. The MPO adopted “Work Cape Fear: Expanding Commuter Options in the Cape Fear Region” TDM Short Range Plan on January 28, 2015 and also authorized staff to apply for a TDM grant through NCDOT that funded a full-time TDM Coordinator position. The Agreement with NCDOT for the full-time TDM Coordinator position was approved on November 4, 2015. The TDM program works to increase active transportation initiatives and increase community knowledge of commuter options. The MPO finalized the Strategic Marketing Plan for the “Go Coast” program. In addition, the WMPO has been working with the City of Wilmington to implement a bike share program. The TDM program has continued to grow and progress and below are project status and next steps.

Project Status and Next Steps:

Initiatives

1. Be A Looker Campaign
   a. Completed the 6 month bicycle and pedestrian safety campaign on September 30 2019,
   b. 275 people signed the Be A Looker Pledge
   c. Over 2,000 interactions on social media
   d. Images displayed on digital billboards in Wilmington and Carolina Beach, and on 2 Wave shuttles
   e. More details will be in the campaign report

2. Bike Share
   a. Attempting to cancel the agreement with Zagster and City of Wilmington due to Zagster’s inability to secure title sponsors to fund a bike share program.

3. New Go Coast Website
   a. New website is being created and will go live in November

4. Social Media
   a. Posting at least three times per week
   b. WMPO Facebook, Instagram, and Twitter and Go Coast Instagram

5. Share the Ride NC
   a. NCDOT re-selected Ride Shark to host the Share The Ride NC platform. TDM Coordinators across the state will be trained on the updated features in October 2019.

6. Scooters
   a. Waiting on the NC General Assembly to pass bill 553 which defines an electric scooter and will help determine where scooters can be ridden.

7. Writing a model ordinance for regulation of electric bicycles
   a. Working with the WMPO Bicycle Pedestrian Advisory Committee to create this model ordinance by December 2019

8. Developing TDM portion of the Metropolitan Transportation Plan
   a. Reviewed by the TDM Advisory Committee (Go Coast Committee)

9. Next Go Coast Committee Meeting November 21st at 3pm at 305 Chestnut Street
REGIONAL AUTHORITY PROJECTS

1. **Bus fleet replacement** - FTA funding in the amount of $3.6M for nine replacement buses was awarded to the Authority from a nationwide discretionary grant in April 2018. Seven buses were ordered June 29, 2018. Four buses were delivered in June 2019 and three were delivered in September 2019. All seven vehicles have been delivered and placed into revenue service. Bus fleet project is complete.

   On February 28, 2019 the Authority authorized $879,692 for the purchase of two trolley replica buses to serve the Downtown Trolley Route. Production has been delayed by the engine manufacturer. An assembly line inspection was undertaken in October 2019 and both vehicles were on the production line. Vehicle delivery is expected in October 2019.

   The Authority awarded a contract for four CNG shuttle buses to Palmetto Bus on March 28, 2019. Delivery is expected in fall 2019.

   Five paratransit vehicles, ordered in 2018, were delivered in April 2019 and have been placed into revenue service. Paratransit vehicle project is complete.

   Additional funding for four buses will be requested from the VW mitigation settlement phase one. An RFP for funding was issued by NC DAQ on June 17, 2019. The application for funding was released on July 01, 2019. An application for four (4) CNG buses was submitted in response to the RFP. Funded projects are expected to be announced before the end of calendar year 2019.

2. **Short Range Transportation Plan** - (no change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is completing its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.

   Under the direction of the Authority’s Operations and Planning Committee made up of funding partners, Board members, staff, WMPO board members, WMPO staff, passengers, interested citizens, and professional transit planning consultants, the plan is an important tool in identifying and quantifying the public transportation needs of the community. Marketing, public relations, and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying and data collection to assess the needs of current and prospective passengers. Nelson Nygaard is the principal consultant leading the project.

   Data collection has begun and is being analyzed. Over fifteen agencies are assisting Wave Transit as stakeholders in the planning effort. The stakeholder committee has been identified and held their multiple meeting. The SRTP was adopted by the Authority Board in 2018 and is available at the following URL:

A resolution supporting the revenue neutral recommendations of the plan was adopted on August 22, 2019. Changes will be made in conjunction with the opening of the WMMTC in late of 2019.

3. **Long Term Funding** - currently the Authority does not have a dedicated source of local funding. A consultant led study to evaluate the governing model and long term funding for transit in the region has been commissioned by the City of Wilmington and New Hanover County. TransPro Consulting has presented its findings to the Wilmington City Council and the New Hanover County Board of Commissioners. One of the recommendations from the study was implementation of a dedicated source of funding for the Cape Fear Public Transportation Authority.

On March 28, 2019 the Authority Board unanimously adopted a resolution requesting the New Hanover County Commissioners implement a countywide vehicle registration fee pursuant to NCGS Chapter 105 Article 52 with the proceeds benefiting public transportation in New Hanover County. Local funding for Wave Transit is nearing a critical stage and an immediate response is required to avoid significant service reductions.

**WMPO SPONSORED PROJECTS**

1. **Wilmington Multimodal Transportation Center** - An Interlocal Agreement between Authority, City of Wilmington, WMPO, and NCDOT has been executed. Demolition of the U-Haul building is complete. Thanks to generous support from the WMPO, STP-DA funding in the amount of $2,400,000 has been flexed by FHWA to FTA for the project and a formal grant with FTA has approved. On June 27, 2018 the WMPO awarded up to $1,700,000 in additional STBGP-DA funding to complete the project. The flex process to convert the funds from FHWA to FTA was initiated on July 30, 2018.

   *Phase 1* consisting of hazardous materials abatement and demolition is complete.

   *Phase 2* consisting of building stabilization is complete.

   *Phase 3* consisting of renovation construction was let for bidding on February 14, 2018.

   *Phase 3A (final phase)* consisting of sitework was authorized on April 25, 2019.

   Renovation construction of the Neuwirth Building began on December 03, 2018. Neuwirth Building renovation construction is approximately 95% complete. Sitework, including stormwater management and bus drive aisles is underway. Substantial completion of the entire project is estimated to occur on November 18, 2019.

2. **Wilmington Multimodal Transportation Center**

   On August 07, 2019, the WMPO authorized $500,000 in STBGP-DA funding for capitalized preventive maintenance and Americans with Disabilities Act compliance funding for FY 2020. In September 2019 the Authority provided 2,021 ADA passengers with the allocated funding. Preventive maintenance activities were undertaken in accordance with the appropriated funding.
<table>
<thead>
<tr>
<th>Project Manager</th>
<th>Contract Number</th>
<th>Description</th>
<th>County</th>
<th>Revised ROW</th>
<th>Delay (Years) from Draft ROW</th>
<th>LET</th>
<th>Delay (Years) from CON SAP Let Date</th>
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<td>Eric Murray</td>
<td>W-5601DH</td>
<td>3rd St and Dock St Intersection</td>
<td>New Hanover</td>
<td>IP 2020</td>
<td>7/18/2019</td>
<td>Awarding has been delayed</td>
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<td>Mike Bass</td>
<td>U-5710A</td>
<td>US 74 (Eastwood Road) - construct roadway on new location between US 17 (Military Cutoff Road) &amp; US 74 (Eastwood Road)</td>
<td>New Hanover</td>
<td>IP 2020</td>
<td>1/16/2020</td>
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<td>Derek Pielech</td>
<td>B-4590</td>
<td>Replace Bridge 29 on Corneilus Harnett Dr/Castle Hayne Rd over Smith Creek</td>
<td>New Hanover</td>
<td>IP 2020</td>
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<td>Widen NC 133 from US 17/74/76 to Old River Rd</td>
<td>Brunswick</td>
<td>IP 2020</td>
<td>6/18/2020</td>
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<td>Trace Howell</td>
<td>R-3300B</td>
<td>Hampstead Bypass</td>
<td>New Hanover/Pender</td>
<td>IP 2021</td>
<td>9/15/2020</td>
<td>Previously SS-4903CE</td>
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<td>Trace Howell</td>
<td>R-3300A</td>
<td>Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)</td>
<td>Pender</td>
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<td>9/20/2020</td>
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<td>Eric Murray</td>
<td>W-5703C</td>
<td>Monkey Junction Pedestrain Improvements</td>
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<td>11/19/2020</td>
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<td>Krista Kimmel</td>
<td>U-5926</td>
<td>New Route from 23rd St to 26th St</td>
<td>New Hanover</td>
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<td>Brian Harding</td>
<td>U-5729</td>
<td>US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421</td>
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<td>IP 2023</td>
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<td>NC 132 (South College Rd) and Braggs Drive turn lanes</td>
<td>New Hanover</td>
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<td>US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)</td>
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<td>Brian Harding</td>
<td>U-5954</td>
<td>NC 133 at 23rd St Roundabout</td>
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<td>I-140 from US 421 to US74/US76 pavement rehab</td>
<td>Brunswick, New Hanover</td>
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<td>Lydia</td>
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<td>US 17 Hampstead Median Project</td>
<td>Pender</td>
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<td>None</td>
<td>U-6199</td>
<td>Wilmington Citywide Signal System Upgrade</td>
<td>New Hanover</td>
<td>2025</td>
<td>2027</td>
<td>6/15/2027</td>
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<td>Krista Kimmel</td>
<td>U-6201</td>
<td>Kerr avenue Extension from Wrightsville Avenue to Oleander Dr</td>
<td>New Hanover</td>
<td>2025</td>
<td>2027</td>
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<td>Brian Harding</td>
<td>U-5734</td>
<td>US 421 Front St Widening</td>
<td>New Hanover</td>
<td>2025</td>
<td>2</td>
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<tr>
<td>Trace Howell</td>
<td>U-5881</td>
<td>College Rd from Gordon Rd to New Centre</td>
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<td>2025</td>
<td>3</td>
<td>6/20/2028</td>
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<tr>
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<td>Brunswick/New Hanover</td>
<td>2028</td>
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<td>2028</td>
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<td>Brian Harding</td>
<td>U-6128</td>
<td>US 76 (Oleander Dr) and Greenville Loop Rd/Greenville Avenue Dual Lefts</td>
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<td>2029</td>
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<td>Trace Howell</td>
<td>U-5702B</td>
<td>College Rd Access management improvement from Carolina Beach Rd to Shipyard Blvd</td>
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<td>1</td>
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<td>Brian Harding</td>
<td>U-6202</td>
<td>Widen Gordon Rd to 4 lanes from US 17 Market St to I-40</td>
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<td>2025</td>
<td>2027</td>
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Projects in Development

- *Previously SS-4903CE*
- *Let with U-5792*
- *Projects are on hold*

Date Completed: 9/27/2019
PO: WMPO
Contact: Caitlin Marks
cmmarks@ncdot.gov 910-341-2000
<table>
<thead>
<tr>
<th>Contract Number</th>
<th>Resident</th>
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<th>County Description</th>
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<th>Percent Complete</th>
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<td>DC00218</td>
<td>Adam Britt</td>
<td>N/A</td>
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<td>C204080</td>
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<td>Daniel Waugh</td>
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<td>Hoover Rd (SR 1569) Pipe Replacements</td>
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<td>DC00354</td>
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<td>C204034</td>
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<td>R‐5783C/D</td>
<td>Sampson</td>
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<td>8.70%</td>
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<tr>
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<td>New Hanover</td>
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<td>39.76%</td>
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Projects Under Construction

- Cape Fear (R-93, I-1420) Shear Reinforcement
- Cape Fear (R-94, I-1420) Shear Reinforcement
- Cape Fear (R-93, I-1420) Shear Reinforcement
- Cape Fear (R-94, I-1420) Shear Reinforcement
- Cape Fear (R-93, I-1420) Shear Reinforcement
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<th>Contract Number</th>
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<td>C204094</td>
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<td>C204135</td>
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<td>WMPO</td>
<td>Dec-20</td>
<td>100.00%</td>
</tr>
</tbody>
</table>
OCTOBER TPD UPDATES WILMINGTON MPO

OCTOBER 2019

New Business:

Brunswick County Model: Currently working on Future Year Analysis.

NCMoves 2050: There will be multiple events that started in September and will go through January to collect the third round of surveys for NCMoves 2050. Contact Nastasha Earle-Young at the NCDOT’s Transportation Planning Division for more details.

2019-2020 Map: The 2019-20 State Transportation Map is now available and free of charge.

NCDOT School Safety Tips: On average, there are nearly 3,000 incidents of cars passing stopped school buses every school day in North Carolina. This is not just dangerous for students; it’s also against the law. At the school, be sure to pay attention while driving so you’ll see when a child is being dropped off or picked up. Remember to never pass a vehicle that is stopped for pedestrians, and always stop and yield to pedestrians crossing the crosswalk or intersection in a school zone when flashers are blinking. Visit the NCDOT press release page for more details.

FHWA News

The Recreational Trails Program (RTP) provides funds to the States to develop and maintain recreational trails and trail-related facilities for both nonmotorized and motorized recreational
trail uses. The RTP is an assistance program of the Department of Transportation's Federal Highway Administration (FHWA). Federal transportation funds benefit recreation including hiking, bicycling, in-line skating, equestrian use, cross-country skiing, snowmobiling, off-road motorcycling, all-terrain vehicle riding, four-wheel driving, or using other off-road motorized vehicles. Each State administers its own program. Contact your State RTP Administrator for guidance on State policies and project eligibility requirements.

Scott Crocker, State Trails Program Manager
NC Div of Parks and Recreation
Raleigh NC 27699-1615
919-707-9326
scott.crocker@ncparks.gov

Preliminary Engineering Project Suspension List:
As of August 30, 2019 NCDOT, will temporarily suspend “preliminary engineering” on the majority of projects that do not receive funding from GARVEE bonds, BUILD NC bonds or Federal grants. This action does not impact projects currently awarded for construction, scheduled to be awarded for construction within the next 12 months, or are currently under construction. Work for preliminary engineering will suspend approximately 900 transportation projects.

Volunteers Needed for Statewide Fall Litter Sweep: Adopt-A-Highway Fall Litter Sweep is Sept. 14-28. NCDOT asks volunteers to help remove litter from roadsides. Volunteers from local businesses, schools, non-profits, churches and community groups play an important role in keeping.

Old Business:

North Carolina Zero Emission Vehicle Plan:
On October 29, 2018, Governor Roy Cooper signed into law Executive Order No. 80. “North Carolina’s Commitment to Address Climate Change and Transition to a Clean Energy Economy.” It is a statewide initiative. In response to the executive order, NCDOT has started formulating additional strategies that seek to ensure it is better prepared to adapt to a changing environment. One of the strategies is to encourage more people to register and drive zero-emission vehicles. North Carolina Zero Emission Vehicle “ZEV” Plan is North Carolina’s plan to get 80,000 All-Electric or “Zero Emission Vehicles” on the road by 2025.

Take a 5-minute survey to let NCDOT know what you need to feel good about going ZEV: https://nczevplan.metroquest.com/

A draft action plan will be completed by June 2019. There will be a statewide public comment period on the draft action plan July to August 2019. The final action plan will be submitted to the governor in October 2019.

Phase 2 will include such tasks as coordinating with local transit agencies and reviewing funding options for NCDOT to buy zero-emission vehicles. Phase 2 is expected to be completed in 2020 with some steps completed by early 2021.
Phase 3 will include such tasks as finalizing efforts to establishing alternative fuel corridors that support zero-emission vehicles and preparing a mid-point ZEV program review.

**Wilmington Model Update** – Future Year Model is ready for MTP project testing and has been sent to the Wilmington MPO. The documentation was updated on March 1st with updates to the growth rate map and sent to the MPO. The model and documentation will continue changing as new projects are entered into the MTP. The 2045 Model will be considered adopted when the MTP is adopted, it will then become the official model and documentation.

**Wilmington CTP** – With the model update, WMPO has also asked TPD to start on the Wilmington CTP update. We have yet to develop a schedule for this CTP and start – but once the Wilmington Model is near completion we will develop a schedule.

**Pender County CTP** – TPD has done a lot of pre-work for Pender County, once the RPO and engineer can provide more time and grasp a better understanding of CTP 2.0 – they will start the CTP within the next few months.

1. **s Cable and Conduit on I-140 in Brunswick and New Hanover Counties.** Lane closures will be restricted to Monday 9:00 a.m. to Friday 4:00 p.m. to minimize traffic delays during the week. Lane closures may also occur on the weekend. Intermittent lane closures to occur until May 31, 2018.
2. **US-421:** Lanes closed due to bridge construction from 10/31/2018 – 1/31/2020. There is a detour.
3. **US-74 (Martin Luther King Jr Parkway):** Lane Closed due to bridge expansion joint replacements and goal seals on bridges on MLK Jr. Parkway.

**Traffic Forecasting:** The latest P5 list and the draft STIP has been reviewed and all 14 Highway Divisions have been contacted regarding their traffic forecasting priorities. Forecast requests continue to come in from Corridor Studies Groups and this is their “pre-analysis” process. Structures Management’s 2023 Project List work also continues.

**NC Statewide Model:** CDM Smith and RSG are our consultants for the NC Statewide Model. The model is underway and they are on the SE Data Collections Phase.

**Wilmington Model Update** – The model is completed; documentation is completed as of last month.

**Pender County CTP** – Pender County CTP is on hold for now and will resume when our team has hired more engineers.

**Statewide Plan:** The N.C. Department of Transportation is conducting an update to its long-range transportation plan to guide North Carolina’s future transportation policies and investments. NC Moves 2050 is a plan that will provide a 30-year transportation vision and implementation plan for the state. Changing demographic and economic trends across urban and rural regions of the state, along with anticipated changes in technology, weather, tourism, and funding sources make now an opportune time to produce a bold, forward
looking transportation plan to guide investment policy and system performance that will be more reactive to the dynamic change on the horizon.

The engagement of the stakeholders and public is critical during this initial stage of the planning process. To capture thoughts and ideas about the state’s biggest challenges for the future, North Carolina residents are encouraged to provide input through our survey. The survey can be found at https://publicinput.com/ncmoves. This survey focuses capturing public input about the challenges for our state and the future of our transportation system. Responses will help to inform the vision and goals for NC’s transportation plan. We will also have our kickoff stakeholder meetings in Kinston on 10/24/18, Raleigh on 10/29/18, and Charlotte on 10/30/18. We have invited a representative from each MPO, RPO, State Agencies, and State Advocacy Groups across North Carolina.

Wilmington CTP – With the model update, WMPO has also asked TPD to start on the Wilmington CTP update. We have yet to develop a schedule for this CTP and start – but once the Wilmington Model is fully completed, TPD will develop a schedule.

Traffic Forecast: The Traffic Forecast shapefile is under development (ArcGIS Online).

Build NC: Governor Roy Cooper on Wednesday June 20, 2018 - signed into law the Build NC Bond Act of 2018, a new financing tool sought by his administration to help expedite critical highway projects. Build NC is a financing tool similar to Garvee bonds and is an important way to move critical projects forward. It is important to note that it is not new revenue, but borrowing authority to implement projects sooner. The focus is for projects in the regional and Division tiers.

CTP 2.0: TPD leadership is reviewing elements for CTP 2.0 and coordinating with the CTP 2.0 steering committee as we prepare for implementation of improved maps, classifications, analysis, plan documentation, and changes to the process for developing CTPs in NC. (A CTP Steering Committee meeting was held June 18, 2018.) Improving the CTPs for NCDOT and local partners has proven to be a complex process with many benefits and “ripple effects” as we move future proposals into project implementation.

Safety Insights: (Article from FHWA Human Environment Digest 6/13/19)
Study Reveals Bicycle Lanes Reduce Fatalities for All Road Users
The University of Colorado Denver conducted a 13-year longitudinal study (https://www.sciencedaily.com/releases/2019/05/190529113036.htm) that found bicycle infrastructure decreases fatalities for all road users. The study noted that bicycling infrastructure—specifically separated and protected bicycle lanes—leads to fewer fatalities and better road-safety outcomes for all road users. The study also reinforces the importance of building bicycle networks to increase safety.

Study Analyzes Different Types of Bicycle Crashes at Local, State, and National Levels
Researchers at the University of North Carolina and Arizona State University published a joint paper that investigates the circumstances influencing both fatal and disabling bicycle crashes. The research found that the majority of bicycle crashes occur at intersections; however, data from North Carolina and Boulder, Colorado show that most fatal and disabling bicycle crashes occur at non-intersection locations, including crashes resulting from collisions...
with motorists. The report also provides insights for governments and other organizations to plan safer bicycle networks, and undertake other proactive measures to reduce crashes.