

Candy Bohmert
TAC Chair



William Taylor
TAC Vice-Chair

July 30, 2019
10:00 AM

Transportation Advisory Committee (TAC) Meeting

Candy Bohmert
TAC Chair



William Taylor
TAC Vice-Chair

July 30, 2019

10:00 AM

O. Marks Building 3rd Floor Conference Room
233 Middle Street New Bern, NC 28560

Transportation Advisory Committee (TAC) Agenda

1. Call to Order

2. Ethics Awareness & Conflict of Interest Statement

3. Public Comment

4. ACTION: Approval of Minutes

Minutes of the May 28, 2019 meetings are attached and presented for approval.

Action: Approve minutes from previous meetings

5. DERPO Staff Report – Patrick Flanagan

- a. Eastern NC Regional Freight Mobility Plan
- b. NC FIRST Committee
- c. SPOT Schedule
- d. Corridor Studies
- e. ADA Transition Plans
- f. 2019 Meeting Location: New Bern 10:00 – 11:30
 - i. September 24, 2019
 - ii. November 26, 2019

6. Standing Committee, Commission, and Association Reports

Reviews of area committees and commissions that affect our area such as the Highway 17/64 Association & the Highway 70 Commission.

7. NCDOT Reports

- a. Division 2: *Len White*
- b. Division 3: *Caitlin Marks*
- c. Transportation Planning Division: *Chris Connolly*
 - Craven County CTP Update
 - Onslow County CTP Update

8. DISCUSSION: NCDOT Prioritization 6.0

RPO staff will give an update on the next round of Prioritization. Changes to the process will be highlighted as we prepare to discuss project submissions.

9. INFORMATION: DERPO SPOT Subcommittee

For every round of prioritization, the TCC establishes a subcommittee to review and make recommendations on the Local Input Point Methodology, Previous Project Submissions, New Project Submissions, and Draft Local Input Point Assignments. In the past, each county has had at least one representative on the subcommittee.

10. ACTION: NCDOT Ferry Support Vessel Naming Resolution

NCDOT Ferry Division is requesting the Down East RPO support the names of the new ferry support vessels.

Action: Endorsement of the Ferry Support Vessel Naming Resolution

11. INFORMATION: Onslow County CTP Endorsement

The Onslow County CTP is in front of us for review. We are taking comments and questions before it goes to the county and municipalities for adoption.

12. Other Business

13. Adjournment

Candy Bohmert
TAC Chair



William Taylor
TAC Vice-Chair

May 28, 2019

10:00 AM

O. Marks Building
233 Middle Street New Bern, NC 28560

Transportation Advisory Committee (TAC) Minutes

TAC Members in Attendance:

Bill Taylor
George Liner
James Harper
William Shanahan
Candy Bohmert

DOT Members in Attendance:

Caitlin Marks
Chris Connolly
Len White
Diane Hampton

ECC Members in Attendance:

Patrick Flanagan
Eric Howell
Leighann Morgan
Katie Bordeaux

Guest in Attendance:

Rhonda Murray, CPLO, MCAS Cherry Point

1. **Call to Order** – *Candy Bohmert, TAC Chair, called the meeting to order at 10:01 am, quorum was met*
2. **Ethics Awareness & Conflict of Interest Statement**
3. **Public Comment** – no public comment
4. **ACTION: Approval of Minutes**
Minutes of the March 26, 2019 meetings are attached and presented for approval. George Liner motioned to approve minutes from previous meetings, seconded by Bill Taylor, unanimously approved.

5. DERPO Staff Report – Patrick Flanagan

- a. Eastern NC Regional Freight Mobility Plan – moving along, statewide freight map, freight carrier survey.
- b. SPOT Schedule – delayed 3 months; submission for projects window is October 7th to December 20th. Area specific weights are due December 20th to be split between mobility and modernization. Draft 2022-2031 STIP to be released April 2021.
- a. Corridor Studies – Patrick Flanagan stated the NC24 in Morehead City corridor has environmental screening report and environmental features map completed. Most of the traffic analysis is completed including evaluation of alternatives at the NC24/NC58 intersection. Preliminary horizontal designs for the overall corridor and currently working through termini for project segments. Currently working from east to west to complete design for the overall corridor and currently working on intersection alternatives. Diane Hampton commented that breaking the project up smaller makes them more competitive in the SPOT process.
- b. 2019 Meeting Location: New Bern 10:00 – 11:30
 - i. July 30, 2019
 - ii. September 24, 2019
 - iii. November 26, 2019

6. Standing Committee, Commission, and Association Reports

Patrick Flanagan stated at the HWY 70 Commission they met about funding situations with the hurricane recovery efforts.

7. NCDOT Reports

- a. Division 2: Len White gave update on Division 2 projects. For more information please contact lenwhite@ncdot.gov
- b. Division 3: Caitlin Marks gave an update on Division 3 projects. For more information please contact cmmarks@ncdot.gov
- c. Transportation Planning Division: Chris Connolly stated Craven County CTP is currently underway, problem statements are being developed for the recommended projects.

8. ACTION: FY 18-19 Planning Work Program Amendment

Staff is requesting an amendment to our budget for this year. This is not new money, it is just rearranging money from one category to another within our existing budget to cover various work we have been doing in this fiscal year. Patrick Flanagan stated Data Collection & Assessment will increase by \$8,000 to cover more Bicycle, Pedestrian and Transit Planning; Comprehensive Transportation Plan Development will reduce by \$4,000 due to the Craven County CTP delay; Prioritization and Program Development will reduce by \$8,000 due to SPOT schedule and delay; Project Development will increase by \$2,000 because of projects in STIP; General Transportation Planning will decrease by \$5,000 due to the corridor studies not beginning as anticipated; Programmatic Direct Charges will increase by \$5,500 to cover computer equipment purchases; Lodging, Meals, Incidentals will increase by \$500 and Travel will increase by \$1,000.

Bill Taylor motioned to approve the FY 18-19 PWP Amendment, seconded by George Liner, unanimously approved.

9. DISCUSSION: NCDOT Prioritization 6.0

Caitlin Marks gave an update and an interactive explanation on the next round of Prioritization.

10. ACTION: Morehead City Port BUILD Grant Application Resolution

Down East RPO members are pursuing BUILD Grant application that will be due July 19th. The applications will be boosted by a resolution of support from the RPO. Patrick Flanagan presented the suggestion to have a blanket resolution and support for towns in the region if the deadlines comes before the next DERPO meetings.

George Liner motioned to endorse the Resolutions for multiple BUILD Grant Applications, seconded by Bill Taylor, unanimously approved.

11. ACTION: NCDOT Ferry Support Vessel Naming Resolution

NCDOT Ferry Division is requesting the Down East RPO support the names of the new ferry support vessels.

Bill Taylor motioned to endorse the Ferry Support Vessel Naming Resolution, seconded by George Liner, unanimously approved

12. ACTION: DERPO Title VI Plan Adoption

RPOs across North Carolina are now being held to Title VI administration. We have developed a plan that conforms to the Federal and State Transportation Organization guidelines. Patrick Flanagan stated Eric Howell is the Title VI coordinator for the RPO who will enact this plan to ensure that all parties have equal opportunity to participate in DERPO business.

Bill Taylor motioned to adopt the DERPO Title VI Plan, seconded by George Liner, unanimously approved

13. ACTION: ECC AmeriCorps VISTA Application Letter of Support

Eastern Carolina Council is pursuing AmeriCorps VISTA volunteers to assist in a number of functions at the COG. One of these positions would assist the DERPO with data and GIS analysis in our project prioritization process. The COG is requesting that we submit a Letter of Support for their application. The cost to the RPO would be a phone.

Bill Taylor motioned to endorse the AmeriCorps VISTA Application Letter of Support, seconded by William Shanahan, unanimously approved.

14. Other Business

Eric Howell stated there will be a meeting in Kinston to discuss truck stop parking on June 14 at 1:30.

15. Adjournment

George Liner motioned to adjourn the meeting, meeting was adjourned.

Respectfully Submitted,

Candy Bohmert, DERPO TAC Chair

Patrick Flanagan, DERPO Secretary

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| | |
|---|--|
| Contract Number: C203563 Division: 2 TIP Number: B-4722B Length: 0.676 miles NCDOT Contact: Brad T. McMannen, PE Location Description: BRIDGE #33 OVER NORTH RIVER ON US-70. Contractor Name: CAROLINA BRIDGE CO INC Contract Amount: \$14,228,682.08 Work Began: 09/02/2015 Original Completion Date: 12/28/2018 Latest Payment Thru: 06/30/2019 Latest Payment Date: 07/15/2019 | Route: US-70 County: Carteret Federal Aid Number: BRNHS-0070(84) NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: -2.32% Letting Date: 04/21/2015 Revised Completion Date: 01/27/2020 Scheduled Progress: 98% Actual Progress: 94.51% |
| Contract Number: C203925 Division: 2 TIP Number: B-5938, B-5939 Length: 1.61 miles NCDOT Contact: Brad T. McMannen, PE Location Description: BRIDGE #68 OVER BOGUE SOUND ON SR-1182 (ATLANTIC BEACH CAUSEWAY) AND BRIDGE #6 OVER BOGUE SOUND ON NC-58. Contractor Name: FREYSSINET, INC Contract Amount: \$15,271,713.33 Work Began: 02/05/2018 Original Completion Date: 11/30/2020 Latest Payment Thru: 06/30/2019 Latest Payment Date: 07/09/2019 | Route: NC-58 County: Carteret Federal Aid Number: NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: 14.74% Letting Date: 04/18/2017 Revised Completion Date: Scheduled Progress: 72.5% Actual Progress: 55.29% |
| Contract Number: C204318 Division: 2 TIP Number: W-5702P Length: 722.65 miles NCDOT Contact: Sarah F. Lentine Location Description: 128 SECONDARY ROADS. Contractor Name: TRP CONSTRUCTION GROUP LLC Contract Amount: \$9,863,852.83 Work Began: 06/10/2019 Original Completion Date: 06/30/2020 Latest Payment Thru: 06/30/2019 Latest Payment Date: 07/09/2019 | Route: SR-Many County: Carteret Federal Aid Number: HSIP-0220(094) NCDOT Contact No: (252)830-3495 Cost Overrun/Underrun: 0% Letting Date: 03/19/2019 Revised Completion Date: Scheduled Progress: 4% Actual Progress: 3.44% |
| Contract Number: DB00437 Division: 2 TIP Number: W-5702E Length: 0.29 miles NCDOT Contact: Brad T. McMannen, PE Location Description: US 70 AT THE INTERSECTIONS WITH SR 1124, SR 1140, AND SR 1141 Contractor Name: CAROLINA EARTH MOVERS INC Contract Amount: \$605,442.85 Work Began: 05/03/2019 Original Completion Date: 02/15/2020 Latest Payment Thru: 06/30/2019 | Route: US-70 County: Carteret Federal Aid Number: HSIP-0070(209) NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: 0% Letting Date: 01/23/2019 Revised Completion Date: Scheduled Progress: 25% |

Latest Payment Date:

Actual Progress: 24.69%



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Upcoming Projects Subject to Approved STIP and Funding

| Project ID | County | Description | R/W Acq Begins | Let Date |
|------------|----------|--|----------------|------------|
| W-5702J | CARTERET | NC 24 CARTERET COUNTY FROM NC 24 BETWEEN BRYAN STREET AND US 70 AND US 70 BETWEEN NC 24 AND ROCHELLE DRIVE. UPGRADE PAVEMENT MARKINGS AND SIGNING. | | 6/28/2019 |
| 15BPR.50 | CARTERET | US 70 OVER SALTERS CREEK - STRUCTURE NO. 150045; NC 101 OVER ICWW - STRUCTURE NO. 150014; SR 1101 OVER WHITE OAK RIVER- STR NO. 150049 IN CARTERET CO; US 70 B OVER TRENT RIVER BASCULE - STR NO. 240060 AND NC 55 OVER UPPER BROAD CREEK - STRUCTURE NO. 240065 IN CRAVEN CO; NC 33 OVER ICWW - STRUCTURE | | 9/17/2019 |
| R-5816 | CARTERET | NC 58 (WEST FORT MACON) ATLANTIC BEACH CAUSEWAY. ADD RIGHT TURN LANE. | 4/30/2019 | 11/28/2019 |
| B-4863 | CARTERET | REPLACE BRIDGE 73 AND 96 OVER THE STRAITS AT HARKERS ISLAND ON SR 1335 (ISLAND ROAD). | 7/10/2018 | 2/18/2020 |
| U-6058 | CARTERET | US 70 (LIVE OAK STREET) AT NC 101 CONSTRUCT ONE LANE ROUNDABOUT. | 9/18/2019 | 9/23/2020 |
| R-5858 | CARTERET | NC 24 CARTERET COUNTY. AT NC 58. INTERSECTION IMPROVEMENTS. | 10/31/2019 | 10/28/2020 |
| U-5876 | CARTERET | US 70 (ARENDELL STREET) FROM 4TH STREET TO SR 1175 (RADIO ISLAND ROAD). WIDEN TO MULTI-LANES. | 5/19/2020 | 5/17/2022 |
| R-5727 | CARTERET | SR 1176 (BRIDGES ST EXT), FROM SR 1738 (BRIDGES STREET) TO SR 1147 (MCCABE ROAD) WIDEN EXISTING ROADWAY AND CONSTRUCT PART ON NEW LOCATION. | 1/21/2022 | 1/16/2024 |
| R-5852 | CARTERET | NC 58 EMERALD DRIVE CARTERET COUNTY AT BOGUE INLET DRIVE. CONSTRUCT ROUNDABOUT. | 5/28/2023 | 5/28/2025 |

Upcoming Projects Subject to Approved STIP and Funding

| Project ID | County | Description | R/W Acq Begins | Let Date |
|------------|----------|--|----------------|-----------|
| R-5941 | CARTERET | SR 1175 (BRIDGES STREET) CARTERET COUNTY AT SR 1243 (BARBOUR ROAD). REALIGN INTERSECTIONS. | 7/15/2024 | 8/12/2026 |
| R-5886 | CARTERET | NC 58 (EMERALD DRIVE) CARTERET COUNTY. AT SR 1000 (COAST GUARD ROAD). INSTALL ROUNDABOUT. | 7/19/2024 | 8/18/2026 |
| R-5944 | CARTERET | NC 58 (EMERALD DRIVE) AT MANGROVE DRIVE. UPGRADE INTERSECTION. | 7/15/2024 | 8/18/2026 |
| R-5946 | CARTERET | US 70 (LIVE OAK STREET) AT SR 1310 (LENNOXVILLE ROAD). UPGRADE INTERSECTION. | 7/15/2024 | 8/18/2026 |
| R-5884 | CARTERET | NC 58 (EMERALD DRIVE) CARTERET COUNTY LOON STREET. INSTALL ROUNDABOUT. | 7/18/2025 | 8/17/2027 |
| R-5945 | CARTERET | US 70 (LIVE OAK STREET) AT NC 101 TO SR 1429 (OLGA ROAD). ACCESS MANAGEMENT. | 7/18/2025 | 8/17/2027 |
| R-4746 | CARTERET | US 70, NC 12 FROM SR 1429 (OLGA ROAD) TO SR 1350 (WHITEHURST ROAD). UPGRADE ROADWAY. | 6/18/2027 | 5/15/2029 |

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|---|--|
| Contract Number: C203697 Division: 2 TIP Number: R-2514B, R-2514C, R-2514D Length: 16.031 miles NCDOT Contact: Brad T. McMannen, PE Location Description: US-17 SOUTH OF BELGRADE TO THE US-17 NEW BERN BYPASS. Contractor Name: BBI/EVW JV Contract Amount: \$143,402,171.31 Work Began: 10/28/2015 Original Completion Date: 12/28/2020 Latest Payment Thru: 06/30/2019 Latest Payment Date: 07/10/2019 | Route: US-17 County: Craven Federal Aid Number: NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: 5.41% Letting Date: 06/16/2015 Revised Completion Date: Scheduled Progress: 92.5% Actual Progress: 88.3% |
| Contract Number: C203955 Division: 2 TIP Number: R-5516 Length: 1.169 miles NCDOT Contact: Brad T. McMannen, PE Location Description: INTERCHANGE FROM US-70 TO SLOCUM ROAD AT THE CHERRY POINT MILITARY BASE. Contractor Name: S T WOOTEN CORPORATION Contract Amount: \$24,370,634.28 Work Began: 08/22/2017 Original Completion Date: 03/13/2020 Latest Payment Thru: 07/15/2019 Latest Payment Date: | Route: US-70 County: Craven Federal Aid Number: NHS-0070(154) NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: 5.87% Letting Date: 06/20/2017 Revised Completion Date: 04/05/2020 Scheduled Progress: 83% Actual Progress: 70.62% |
| Contract Number: C204139 Division: 2 TIP Number: I-6002 Length: 32.04 miles NCDOT Contact: Brad T. McMannen, PE Location Description: US-70/US-17 FROM DOVER TO THE NEUSE RIVER BRIDGE IN NEW BERN. Contractor Name: BARNHILL CONTRACTING COMPANY Contract Amount: \$25,492,230.43 Work Began: 01/07/2019 Original Completion Date: 02/13/2020 Latest Payment Thru: 07/07/2019 Latest Payment Date: 07/16/2019 | Route: US-70 County: Craven Federal Aid Number: NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: 0.11% Letting Date: 03/20/2018 Revised Completion Date: Scheduled Progress: 24% Actual Progress: 41.85% |
| Contract Number: C204318 Division: 2 TIP Number: W-5702P Length: 722.65 miles NCDOT Contact: Sarah F. Lentine Location Description: 128 SECONDARY ROADS. Contractor Name: TRP CONSTRUCTION GROUP LLC Contract Amount: \$9,863,852.83 Work Began: 06/10/2019 Original Completion Date: 06/30/2020 | Route: SR-Many County: Craven Federal Aid Number: HSIP-0220(094) NCDOT Contact No: (252)830-3495 Cost Overrun/Underrun: 0% Letting Date: 03/19/2019 Revised Completion Date: |

Latest Payment Thru: 06/30/2019
Latest Payment Date: 07/09/2019

Scheduled Progress: 4%
Actual Progress: 3.44%

Contract Number: DB00428
Division: 2
TIP Number:

Route: SR-1454
County: Craven

Length: 17.39 miles
NCDOT Contact: Brad T. McMannen, PE
Location Description: CRAVEN AND PAMLICO COUNTY
Contractor Name: S T WOOTEN CORPORATION
Contract Amount: \$4,507,118.55
Work Began: 05/02/2019
Original Completion Date: 03/08/2020
Latest Payment Thru: 06/15/2019
Latest Payment Date: 06/26/2019

Federal Aid Number: STATE FUNDED
NCDOT Contact No: (252)649-6520
Cost Overrun/Underrun: 0%
Letting Date: 02/13/2019
Revised Completion Date:
Scheduled Progress: 45%
Actual Progress: 47.59%

Contract Number: DB00457
Division: 2
TIP Number: U-5992

Route: SR-1200
County: Craven

Length: 0.881 miles
NCDOT Contact: Brad T. McMannen, PE
Location Description: SR 1200 NEW BERN, CRAVEN COUNTY
Contractor Name: S T WOOTEN CORPORATION
Contract Amount: \$1,319,640.50
Work Began: 03/27/2019
Original Completion Date: 10/13/2019
Latest Payment Thru: 06/15/2019
Latest Payment Date: 06/26/2019

Federal Aid Number: STATE FUNDED
NCDOT Contact No: (252)649-6520
Cost Overrun/Underrun: 1.19%
Letting Date: 01/09/2019
Revised Completion Date:
Scheduled Progress: 63%
Actual Progress: 56.64%



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Upcoming Projects Subject to Approved STIP and Funding

| Project ID | County | Description | R/W Acq Begins | Let Date |
|------------|--------|---|----------------|------------|
| W-5702K | CRAVEN | NC 43 CRAVEN COUNTY FROM NC 43 (WASHINGTON POST ROAD) AT NC55 (NEUSE BLVD.) INSTALL/UPGRADE WARNING SIGNS AND FLASHERS,AND UPGRADE PAVEMENT MARKINGS. | | 6/28/2019 |
| R-1015 | CRAVEN | US 70 (HAVELOCK BYPASS) FROM NORTH OF PINE GROVE TO NORTH OF CARTERET COUNTY LINE | 1/11/2017 | 7/16/2019 |
| W-5702T | CRAVEN | US 17 NORTHBOUND AT THE FRONT STREET EXIT LOOP AND US 70 EASTBOUND AT US 17 NORTHBOUND | | 7/24/2019 |
| 49027 | CRAVEN | New Bern - Old Airport Road widening from Taberna Circle to Landscape Drive | | 8/30/2019 |
| R-5777A | CRAVEN | US 70 AT TAVERNA WAY. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.(COMB W/R-5777B & U-5713). | 9/17/2019 | 9/17/2019 |
| R-5777B | CRAVEN | US 70 AT WEST THURMAN ROAD/EAST THURMAN ROAD. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.(COMB W/R-5777A & U-5713). | 9/17/2019 | 9/17/2019 |
| U-5713 | CRAVEN | NEW BERN - US 70, FROM THE NEUSE RIVER BRIDGE TO SR 1124 (GRANTHAM ROAD) - UPGRADE ROADWAY TO FREEWAY.(COMB W/R-5777A & R-5777B). | 9/17/2019 | 9/17/2019 |
| Z-5700BA | CRAVEN | RAILWAY-HIGHWAY GRADE CROSSING SAFETY PROJECT AT NORFOLK SOUTHERN TRANSPORTATION TRACKS; CROSSING 466 045V IN NEW BERN | | 12/31/2019 |
| U-5993 | CRAVEN | NC 55 (NEUSE BOULEVARD)AT US 17 BUSINESS (MLK). CONSTRUCT ROUNDABOUT. | 6/14/2019 | 1/9/2020 |
| R-4463A | CRAVEN | NC 43 CONNECTOR FROM US 17 TO SOUTH OF US 70 | 5/1/2019 | 2/18/2020 |
| B-4484 | CRAVEN | BRIDGE 138 AND BRIDGE 139 OVER THE NEUSE RIVER ON SR 1470 | 3/7/2019 | 4/21/2020 |
| R-5777C | CRAVEN | US 70 FROM THURMAN ROAD TO HAVELOCK BYPASS. UPGRADE ROADWAY TO FREEWAY AND CONSTRUCT SERVICE ROADS. | 6/16/2020 | 6/16/2020 |
| R-5777D | CRAVEN | US 70 (FUTURE I-42) INSTALL BROADBAND FIBER FROM I-40 TO MOREHEAD CITY PORT. | 7/21/2020 | 7/21/2020 |

Upcoming Projects Subject to Approved STIP and Funding

| Project ID | County | Description | R/W Acq Begins | Let Date |
|-------------|--------|---|----------------|-----------|
| 17BP.2.R.99 | CRAVEN | Bridge 66 over Grape Creek on SR 1232 (Cicero Riggs Rd.) in Craven County | | 3/24/2021 |
| R-2513A | CRAVEN | US 17 FROM NC 43 TO SR 1438 (SPRUILL TOWN ROAD) | 5/28/2020 | 5/17/2022 |
| BR-0074 | CRAVEN | Replace Bridge 240091 and 240092 on US70 over S. Pr. SlocumCreek. | 1/1/2022 | 1/1/2023 |
| U-3431 | CRAVEN | SR 1763 (MILLER BLVD) FROM SR 1756 (LAKE ROAD) TO OUTER BANKS DRIVE | 2/24/2021 | 9/19/2023 |
| R-3403B | CRAVEN | US 17 FROM SR 1433 (ANTIOCH ROAD) TO NC 43 | 5/28/2020 | 5/21/2024 |
| P-5742 | CRAVEN | NS/NCRR EC LINE CRAVEN COUNTY CONSTRUCT GRADE SEPARATION AT US 70 EASTBOUND AND WESTBOUND. CLOSE EXISTING AT-GRADE CROSSING NEAR NEWPORT. | 7/30/2025 | 7/20/2027 |
| U-6198 | CRAVEN | US 17 ALTERNATE (MARTIN LUTHER KING JR. BOULEVARD) FROM US 70 TO SR 1278 (TRENT ROAD). UPGRADE TO SUPERSTREET. | 8/21/2026 | 8/15/2028 |

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|---|---|
| Contract Number: C203697 Division: 2 TIP Number: R-2514B, R-2514C, R-2514D Length: 16.031 miles NCDOT Contact: Brad T. McMannen, PE Location Description: US-17 SOUTH OF BELGRADE TO THE US-17 NEW BERN BYPASS. Contractor Name: BBI/EVW JV Contract Amount: \$143,402,171.31 Work Began: 10/28/2015 Original Completion Date: 12/28/2020 Latest Payment Thru: 06/30/2019 Latest Payment Date: 07/10/2019 | Route: US-17 County: Jones Federal Aid Number: NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: 5.41% Letting Date: 06/16/2015 Revised Completion Date: Scheduled Progress: 92.5% Actual Progress: 88.3% |
| Contract Number: C204139 Division: 2 TIP Number: I-6002 Length: 32.04 miles NCDOT Contact: Brad T. McMannen, PE Location Description: US-70/US-17 FROM DOVER TO THE NEUSE RIVER BRIDGE IN NEW BERN. Contractor Name: BARNHILL CONTRACTING COMPANY Contract Amount: \$25,492,230.43 Work Began: 01/07/2019 Original Completion Date: 02/13/2020 Latest Payment Thru: 07/07/2019 Latest Payment Date: 07/16/2019 | Route: US-70 County: Jones Federal Aid Number: NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: 0.11% Letting Date: 03/20/2018 Revised Completion Date: Scheduled Progress: 24% Actual Progress: 41.85% |
| Contract Number: DB00455 Division: 2 TIP Number: B-5994 Length: 0.123 miles NCDOT Contact: J. Aaron Bullard, PE Location Description: BRIDGE #32 OVER TUCKAHOE SWAMP ON SR 1142 Contractor Name: PALMETTO INFRASTRUCTURE INC Contract Amount: \$1,184,712.00 Work Began: 04/04/2019 Original Completion Date: 09/26/2019 Latest Payment Thru: 06/30/2019 Latest Payment Date: 07/15/2019 | Route: SR-1142 County: Jones Federal Aid Number: BRZ-1142(013) NCDOT Contact No: (252)527-0053 Cost Overrun/Underrun: 0.3% Letting Date: 10/24/2018 Revised Completion Date: Scheduled Progress: 16% Actual Progress: 35.54% |



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|---|--|
| Contract Number: DB00380 Division: 2 TIP Number: Length: 10.74 miles NCDOT Contact: Brad T. McMannen, PE Location Description: PAMLICO COUNTY Contractor Name: BARNHILL CONTRACTING COMPANY Contract Amount: \$3,095,313.50 Work Began: 08/22/2018 Original Completion Date: 02/28/2019 Latest Payment Thru: 06/30/2019 Latest Payment Date: 07/15/2019 | Route: NC-55 County: Pamlico Federal Aid Number: NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: 2.93% Letting Date: 02/28/2018 Revised Completion Date: 03/30/2019 Scheduled Progress: 100% Actual Progress: 91.63% |
| Contract Number: DB00395 Division: 2 TIP Number: W-5702C Length: 0.707 miles NCDOT Contact: Brad T. McMannen, PE Location Description: THE INTERSECTION OF SCOTTS STORE ROAD (SR1108) AND NEUSE ROAD (SR 1005) Contractor Name: S T WOOTEN CORPORATION Contract Amount: \$1,292,429.39 Work Began: 04/15/2019 Original Completion Date: 12/15/2019 Latest Payment Thru: 06/15/2019 Latest Payment Date: 06/26/2019 | Route: SR-1005 County: Pamlico Federal Aid Number: HSIP-1005(043) NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: 0.34% Letting Date: 01/23/2019 Revised Completion Date: 01/08/2020 Scheduled Progress: 33% Actual Progress: 22.28% |
| Contract Number: DB00428 Division: 2 TIP Number: Length: 17.39 miles NCDOT Contact: Brad T. McMannen, PE Location Description: CRAVEN AND PAMLICO COUNTY Contractor Name: S T WOOTEN CORPORATION Contract Amount: \$4,507,118.55 Work Began: 05/02/2019 Original Completion Date: 03/08/2020 Latest Payment Thru: 06/15/2019 Latest Payment Date: 06/26/2019 | Route: SR-1454 County: Pamlico Federal Aid Number: STATE FUNDED NCDOT Contact No: (252)649-6520 Cost Overrun/Underrun: 0% Letting Date: 02/13/2019 Revised Completion Date: Scheduled Progress: 45% Actual Progress: 47.59% |



Upcoming Projects Subject to Approved STIP and Funding

| Project ID | County | Description | R/W Acq Begins | Let Date |
|-------------|---------|---|----------------|------------|
| B-4593 | PAMLICO | REPLACE BRIDGE 38 OVER THE TRENT CREEK ON NC 55 | 12/11/2018 | 7/16/2019 |
| B-5995 | PAMLICO | REPLACE BRIDGE 57 OVER DAWSON CREEK ON SR 1302 | 9/20/2019 | 9/15/2020 |
| 17BP.2.R.94 | PAMLICO | Bridge 14 over Beard Creek on SR 1005 (Neuse Rd.) in Pamlico County | | 9/23/2020 |
| B-5613 | PAMLICO | REPLACE BRIDGE 36 OVER SOUTH PRONG BAY RIVER ON NC 55 | 10/18/2019 | 10/20/2020 |
| B-5616 | PAMLICO | REPLACE BRIDGE 37 OVER A BRANCH OF ALLIGATOR CREEK ON NC 55 | 10/21/2019 | 10/20/2020 |

| Projects in Development | | | | | | | | | |
|-------------------------|---------|---|--------|-------------|-----------------------|---------------|------|---------------|--|
| Project Manager | TIP | Description | County | PO | 2020-2029 STIP Amount | | ROW | STIP Let Date | Comment* |
| Krista Kimmel | R-5885 | NC 24 (W Corbett Ave) Superstreet from Belgrade-Swansboro Rd to Front St | Onslow | DERPO | \$ | 21,795,000.00 | 2027 | FY 2029 | Project currently on hold |
| Trace Howell | R-5948 | Widen Queens Creek Rd to 3 lanes from Jones Rd to Smallwood Rd | Onslow | DERPO | \$ | 11,034,000.00 | 2027 | FY 2029 | Project currently on hold |
| Mike Bass | U-4906 | Gum Branch Rd Widening (paved shoulders, vibraline, and turn lanes at Cow Horn Rd, Quaker Bdge Rd, and Ramsey Rd) | Onslow | JUMPO/DERPO | \$ | 8,700,000.00 | IP | Feb-20 | Let date changed from August 2019 to February 2020 |
| Krista Kimmel | R-5885A | NC 24 (W Corbett Ave) Culvert Replacement (previoulsy 17BP.3.C.2) | Onslow | DERPO | \$ | 3,500,000.00 | 2021 | Jun-21 | |
| Krista Kimmel | U-6065 | US 17 Bus (Marine Blvd) at NC 172 (Sneads Ferry Rd/Old Folkstone Rd) - Green T Intersection | Onslow | JUMPO/DERPO | \$ | 4,000,000.00 | 2021 | Mar-23 | |

| | |
|--------------------|--|
| Statewide | |
| Regional Impact | |
| Division Needs | |
| Project Let | |
| Fallen out of STIP | |

Date Completed:

7/22/2019

PO:

DERPO

Contact:

Caitlin Marks

910-341-2000 | cmmarks@ncdot.gov

Please note: Let Dates may change with the final STIP release in September

Projects Under Construction

| Contract Number | Resident | TIP/WBS/Program | County | Description | Estimated Completion | Percent Complete |
|-----------------|----------------|-------------------|---|---|----------------------|------------------|
| DC00203 | Trevor Carroll | 17BP.3.R.48 | Onslow | Replace Bridge 134 on SR 1331 (White Oak Rv Rd) | Jul-19 | 93.02% |
| DC00234 | Daniel Jones | N/A | Brunswick, New Hanover, Onslow, Pender | Plant Bed Maintenance on NC 24/US 17/NC 132/NC 211/NC 53/US 421/US 74 | Nov-19 | 61.45% |
| DC00227 | Trevor Carroll | 17BP.3.R.67 | Onslow | Replace Bridge 8 on SR 1330 (Deppe Loop Rd) | Jan-20 | 83.51% |
| DC00208 | Trevor Carroll | 17BP.3.R.55 (.56) | Onslow | Replace Bridges 11 and 13 on Belgrade Swansboro Rd | Jun-20 | 28.17% |
| C203697 | Brad McMannen | R-2514B,C,D | Onslow | Maysville Bypass: Widen US 17 to 4-lane Divided from South of Belgrade to the New Bern Bypass | Dec-20 | 88.30% |

| Resurfacing | | | | | | | | | |
|-----------------|---------------|---------------|---------------------|------------|--------------------|----------|---|----------------------|------------------|
| Contract Number | Contract Year | County | Resident | TIP | MPO/RPO | Map | Routes | Estimated Completion | Percent Complete |
| C204102 | 2018 | Onslow | Lydia McKeel | N/A | JUMPO/DERPO | 0 | 2018 Onslow County Resurfacing | May-19 | 100.00% |
| C204102 | 2018 | Onslow | Lydia McKeel | | DERPO | 2 | SR 1105 (Haws Run Rd.) from Dawson Cabin Road to William Gurganus Road | | |
| C204102 | 2018 | Onslow | Lydia McKeel | | DERPO | 3 | SR 1104 (Padgett Rd.) from Haws Rund Road to NC 50 | | |
| C204102 | 2018 | Onslow | Lydia McKeel | | DERPO | 4 | SR 1003 (Comfort Highway) from pavement joint near Elizabeth St. to near Stallion Acres | | |
| C204102 | 2018 | Onslow | Lydia McKeel | | DERPO | 6 | SR 1576 (Queens Haven Road) from Queens Creek Road to Kingbridge Road | | |
| C204102 | 2018 | Onslow | Lydia McKeel | | DERPO | 7 | SR 1444 (Swansboro Loop Road) from Main Street in Swansboro to Norris Road | | |
| C204102 | 2018 | Onslow | Lydia McKeel | | DERPO | 8 | SR 1588 (Crown Point Road) from Sandridge Road to Regal Drive | | |
| C204271 | 2019 | Onslow | Lydia McKeel | N/A | JUMPO/DERPO | 0 | 2019 Onslow County Resurfacing | May-20 | 39.66% |
| C204271 | 2019 | Onslow | Lydia McKeel | | DERPO | 1 | US 17 (Wilmington Hwy) from end of divided section to start of divided section | | |
| C204271 | 2019 | Onslow | Lydia McKeel | | DERPO | 2 | SR 1220 (Dell Brock) from SR 1320 (Haw Branch Rd) to SR 1218 (Cedar Fork Rd) | | |
| C204271 | 2019 | Onslow | Lydia McKeel | | DERPO | 3 | SR 1633 (Prince Dr) from SR 1631 (Quail Pt Drive) to SR 1632 (Youpon Dr) | | |
| C204271 | 2019 | Onslow | Lydia McKeel | | JUMPO/DERPO | 6 | SR 1218 (Cedar Fork Rd) from NC 111 to Duplin Co Line | | |
| C204271 | 2019 | Onslow | Lydia McKeel | | DERPO | 8 | SR 1438 (Hadley Collins) from SR 1434 (Belgrade Swansboro) to SR 1437 (Mattocks Rd) | | |
| C204271 | 2019 | Onslow | Lydia McKeel | | JUMPO/DERPO | 13 | SR 1225 (Coston Rd) from SR 1221 (Fowler Manning) To SR 1229 (Gregory Fork Rd) | | |
| C204271 | 2019 | Onslow | Lydia McKeel | | DERPO | 14 | SR 1331 (White Oak River Rd) form US 17 to 1.23 Miles South of Sr 2059 (Hardin Dr) | | |
| C204271 | 2019 | Onslow | Lydia McKeel | | DERPO | 15 | SR 1503 (Bear Creek Rd) from end of Bridge 21 to SR 1509 (Queens Creek Rd) | | |
| C204271 | 2019 | Onslow | Lydia McKeel | | DERPO | 21 | SR 1302 (Huffmantown Rd) from Jones Co Line to NC 24 | | |
| C204271 | 2019 | Onslow | Lydia McKeel | | DERPO | 22 | SR 1961 (Pecan Lane) from Sr 1302 (Huffmantown Rd) to CDS | | |
| C204271 | 2019 | Onslow | Lydia McKeel | | DERPO | 23 | SR 1333 (Emmett Ln) from SR 1331 (White Oak River Rd) to Jones Co Line (Bridge 10) | | |

NCDOT TPD NEWS



NCDOT TPD DERPO Newsletter

July 2019

Craven County CTP

The Craven County CTP is going through NCDOT internal review. The TPD engineers are waiting for DERPO on some work/feedback. Once they receive the work/feedback, they will incorporate the updates and send it out for review.

Onslow County CTP

The maps are ready for local and DOT adoption. The CTP is being reviewed by the RPO prior to endorsement. The MPO is sending out a 25 day comment period for any updates prior to setting up local and DOT adoptions and endorsements.

NCDOT Asking Drivers to report Potholes

<https://www.ncdot.gov/contact/Pages/form.aspx?UnitName=pothole&sourceUrl=/contact/>

Because of last December's winter storm, potholes are appearing earlier than normal. NCDOT will make additional permanent repairs once the weather sets into a warmer pattern. You can help NCDOT expedite repairs by letting us know where potholes are located.

2020-2029 STIP

Approval will be in September of 2019 instead of the June meeting. The current 2018-2027 STIP will be maintained and amended until adoption.

"Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina...."

- NCDOT Mission Statement

Contact Us

Christopher Connolly

NCDOT TPD

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Visit us on the web
www.ncdot.gov

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.

| Upcoming Tasks | Date |
|--|-----------------|
| State FY 20 begins | July 1, 2019 |
| Last date to submit 4th Quarter 5303 Claim (April 1, 2019—June 30, 2019) | July 30, 2019 |
| 4th Quarter (Final) invoice, work summary and annual performance report due for FY19 | August 10, 2019 |

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.

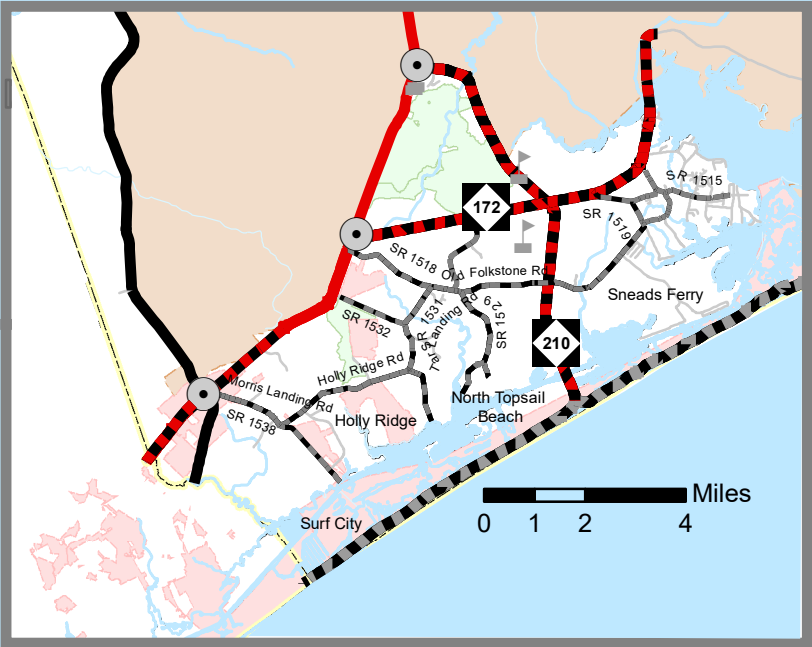
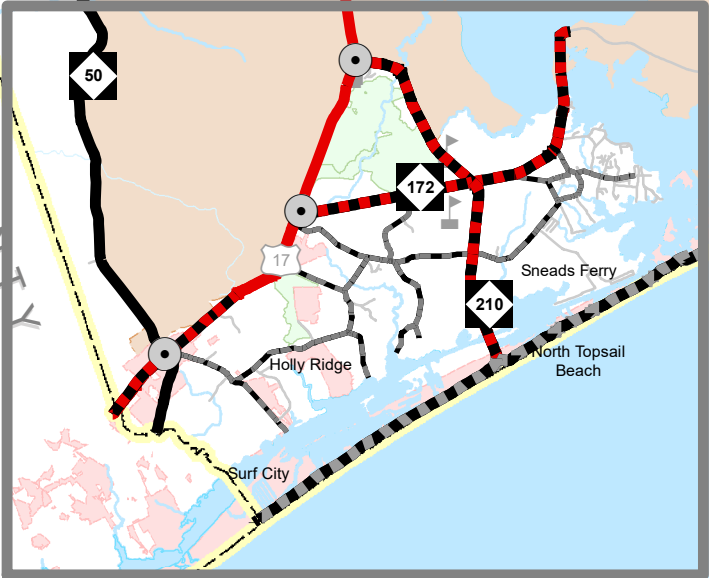
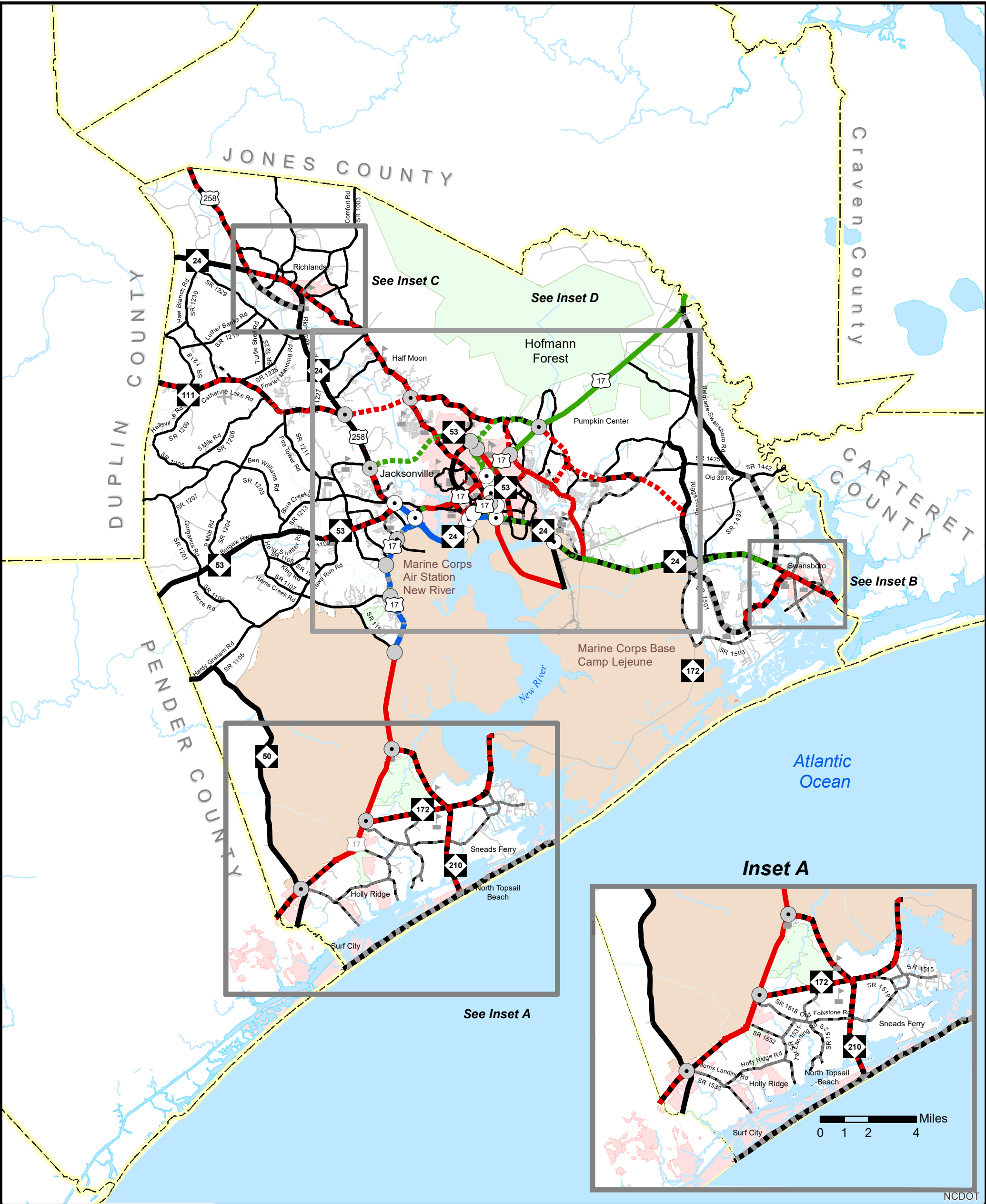
Take a 5-minute survey to let NCDOT know what you need to feel good about going ZEV:

<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.



Freeways

- Existing
- Needs Improvement
- Recommended

Expressways

- Existing
- Needs Improvement
- Recommended

Boulevards

- Existing
- Needs Improvement
- Recommended

Other Major Thoroughfares

- Existing
- Needs Improvement
- Recommended

Minor Thoroughfares

- Existing
- Needs Improvement
- Recommended

- Existing Interchange
- Proposed Interchange
- Interchange Needs Improvement
- Existing Grade Separation
- Proposed Grade Separation

0 1.5 3 6 Miles



Sheet 2 of 5

Base map date: Aug. 24, 2015

Refer to CTP document for more details

Highway Map

Draft Map

Onslow County
Comprehensive
Transportation Plan

Plan date: May 21, 2019

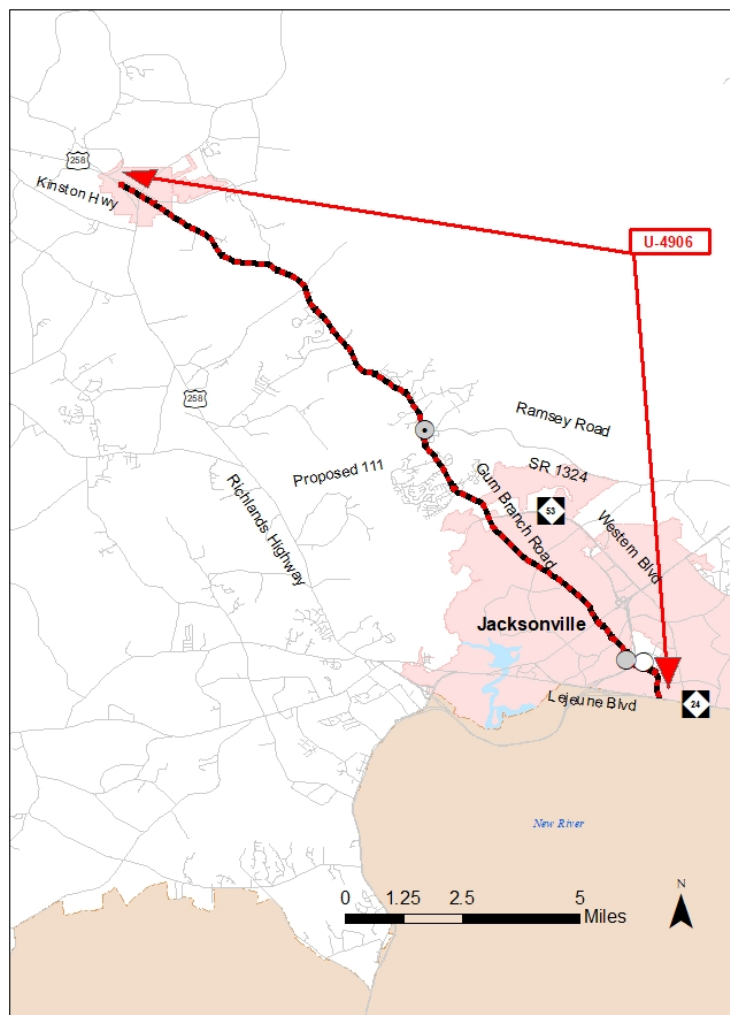
NCDOT

SR 1308 (Gum Branch Road)

From NC 24 (Lejeune Blvd) to US 258 (Kinston Hwy)

Local ID: U-4906; U-5793A/B; U-6200

Last Updated: 1/29/2019



Identified Problem

SR 1308 (Gum Branch Road) has a capacity problem in the base year 2015. This road segment starts at US 258 (Kinston Highway or Richlands Highway) and ends at NC 24 (Lejeune Blvd). South of SR 1316 (Rhodestown Road) and SR 1324 (Ramsey Road), this portion of the roadway is over capacity (20,300 AADT vs 16,000 capacity). Between SR 1324 (Ramsey Road) to south of SR 1316 (Rhodestown Road), the road is approaching capacity (12,700 AADT vs 14,600 capacity). Between SR 1324 (Ramsey Road) to NC 53 (Western

Boulevard), it is again approaching capacity (30,000 AADT vs 32,000 capacity). Congestion is projected to increase in 2040. SR 1308 (Gum Branch Road) is a major north/south route from Richlands to Jacksonville and the surrounding military installations, as well as NC 53 (Western Boulevard), which serves as the county's largest commercial area.

Justification of Need

Addressing congestion is the most significant need for this project followed by mobility. Intersection improvements are also being recommended at three major locations along this roadway (refer to all TIP numbers on the header):

- Proposed interchange at the intersection of SR 1324 (Ramsey Road) and SR 1308 (Gum Branch Road)
- Proposed grade separation at the intersection of US 17 and SR 1308 (Bell Fork Road) as a result of the roadway being updated to a boulevard and intersecting with other boulevards and freeways
- Existing grade separation at the intersection of SR 1308 (Bell Fork Road) and SR 1702 (White Street) as a result of the roadway being upgraded to a boulevard and intersecting with other boulevards and freeways

Community Vision and Problem History

This project falls into two of the goals listed in the Vision, Goals and Objectives:

1. Create a more efficient transportation system through improved connectivity, capacity and operations.
2. Promote a safer and more secure transportation network through crash reduction, enhanced reliability and predictability, and improved emergency coordination.

CTP Project Proposal

Project Description and Overview

Currently most of SR 1308 (Gum Branch Road) is a two-lane road with a median. This improvement project is recommended to be boulevard standards. The recommendation is to have limited or partial access. The design classification will be a collector/arterial with a design speed of 55 mph. The cross section will include lane widths of 12 feet, four lanes, wide paved shoulders and a median (superstreet concept). The concept is similar to US 70 in Clayton. A superstreet provides for reduced delay and simultaneous coordination of both main street travel directions at all times of the day. Main street travelers may turn left, right or travel straight through – just like a conventional intersection – side-street travelers who want to cross or turn left at the superstreet intersection must first turn right and then make a U-turn to return to their desired route. ¹⁴

¹⁴ <https://www.ncdot.gov/initiatives-policies/Transportation/safety-mobility/superstreets/Pages/default.aspx>

Natural & Human Environmental Context

Efforts will be made to mitigate the effects the proposed recommendation will have on the natural and human environment by analyzing different alternatives for the proposed project at a later date. Based on a planning level environmental assessment completed during the development of this CTP, using available GIS data, some natural and human environmental features examined will be affected in the immediate vicinity of the project.

There are several residential and commercial developments along this roadway. There is also a church at the northern portion of the road (intersection at SR 1313 (Mills Fields Road)). There is an elementary school along this roadway at the intersection of SR 2710 (Stateside Boulevard).

Relationship to Land Use Plans

Jacksonville is the only urban city in Onslow County, the rest of the county is rural and its current land use plan reflects its character. Onslow County's flat and rolling terrain covers 767 square miles and is located in the southeastern coastal plain of North Carolina, east of Raleigh, and north of Wilmington. The City of Jacksonville is the county seat. The areas surrounding the City constitute the major population center and growth areas. The County is home to more than 185,000 people and includes the incorporated towns of Holly Ridge, Richlands, Swansboro, North Topsail Beach, City of Jacksonville, part of Surf City, and unincorporated Sneads Ferry.

SR 1308 (Gum Branch Road) is mentioned in the Onslow County Comprehensive Plan (CAMA Core Land Use Plan) and carries significant value since it is a TIP project, and has been identified in the Jacksonville LRTP. In the Onslow County Comprehensive Plan it specifies one of the goals is to widen SR 1308 (Gum Branch Road) to a multi-lane facility under TIP number U-4906.

Linkages to Other Plans and Proposed Project History

The Onslow County Comprehensive Plan and Snead's Ferry Community Plan were both studied.

Section V of the Onslow County Comprehensive Plan, it is recommended that SR 1308 (Gum Branch Road) from US 258-NC 24 in Richlands to SR 1336 (Henderson Drive) in Jacksonville be widened to a multi-lane facility as recommended with the TIP U-4906 project.

Multi-modal Considerations

Bicycle recommendations are being proposed along this roadway. The proposal is to accommodate bicyclists by widening the existing shoulders along the roadway and to pave new shoulders for segments where none currently exist.

Public/Stakeholder Involvement

The Transportation Planning Division along with the Jacksonville MPO and Down East RPO held several public involvement sessions in 2017 across Onslow County. There was a public involvement session held on:

- Onslow County Fairgrounds on August 22, 2017 from 4pm-7pm
- Richlands Town Hall on August 23, 2017 from 4pm-7pm;
- Dixon Elementary on August 31, 2017 from 4pm-7pm
- Swansboro Town Hall on September 6, 2017 from 4pm-7pm

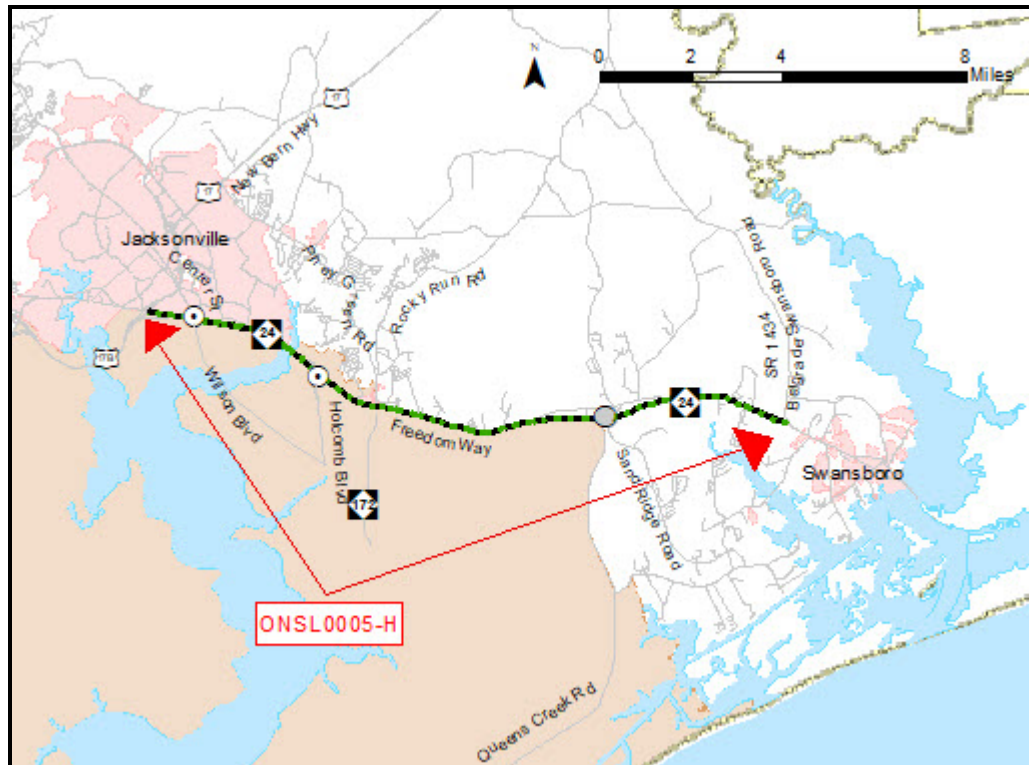
The only comment that was made was there was a need to upgrade this roadway due to capacity issues, we gathered the same information from not just our capacity analysis but also from our steering committee.

NC 24 (Freedom Way)

From US 17 Bypass (Hwy 24) to SR 1434 (Belgrade-Swansboro Road)

Local ID: ONSL0005-H

Last Updated: 2/5/2019



Identified Problem

NC 24 is the only major connection from Swansboro to Jacksonville and also to Carteret County. NC 24 is also Onslow County's primary connection to the Port at Morehead City. Due to the importance of this connectivity the roadway is being recommended to be upgraded to an expressway from Jacksonville to Swansboro. There are also congestion issues on the northern portion of this roadway toward Jacksonville that need to be addressed. The majority of this length of the highway is currently a boulevard.

Justification of Need

Although there are congestion issues, the main reason to upgrade to an expressway is due to connectivity to Swansboro and Carteret County and other major municipalities such as the Port at Morehead City, Cedar Point, Emerald Isle, Pine Knoll Shores, Atlantic Beach, Morehead City, and Beaufort. Not only do these beach communities serve citizens of Onslow County, they serve the citizens all around North Carolina, South Carolina and other surrounding states. Improving this roadway and upgrading it to an expressway would allow for more mobility which would help the beach communities economically and North Carolina in general through increased tourism. There are existing interchanges along this roadway at the

intersection of Wilson Boulevard (Local Road) and Holcomb Boulevard (Local Road). There is a proposed grade separation along this roadway at the intersection of SR 1509 (Queens Creek Road) due to the upgrade of the roadway to an expressway.

Community Vision and Problem History

This project aligns with many of the goals listed in the Vision, Goals and Objectives:

1. Create a more efficient transportation system through improved connectivity, capacity and operations
2. Promote reductions in recurring congestion through transportation capacity, access management, and policy improvements
3. Recognize savings (e.g. time and fuel consumption) by minimizing vehicle miles traveled through enhanced integration and connectivity of the transportation system, across and between modes, for people and freight
4. Support regional growth through a transportation network that serves inter- and intra-regional accessibility and mobility needs for both people and goods
5. Leverage gateways and aesthetics to create an atmosphere that fosters economic investment.

CTP Project Proposal

Project Description and Overview

The length of this proposal is approximately 14 miles from US 17 in Jacksonville to Swansboro-Belgrade Boulevard on the outskirts of Swansboro. Currently a segment of this road is classified as a boulevard and some portions are classified as major thoroughfare with speed limits varying between 45 mph - 60 mph, partial control of access, and traffic signals. The recommendation is to upgrade the roadway to an expressway with a speed limit 60 mph throughout the entirety of this proposed improvement. It is also recommended to have very limited control of access, and no driveways or at the most one driveway connection per parcel.

Natural & Human Environmental Context

Efforts will be made to mitigate the effects the proposed recommendation will have on the natural and human environment by analyzing different alternatives for the proposed project at a later date. Based on a planning level environmental assessment completed during the development of this CTP, using available GIS data, some natural and human environmental features examined will be affected in the immediate vicinity of the project.

Relationship to Land Use Plans

Jacksonville is the only urban city in Onslow County, the rest of the county is rural and its current land use plan reflects its character. Onslow County's flat and rolling terrain covers 767 square miles and is located in the southeastern coastal plain of North Carolina, east of Raleigh, and north of Wilmington. The City of Jacksonville is the county seat. The areas surrounding the City constitute the major population center and growth areas. The County is

home to more than 185,000 people and includes the incorporated towns of Holly Ridge, Richlands, Swansboro, North Topsail Beach, City of Jacksonville, part of Surf City, and unincorporated Sneads Ferry.

US 24 is mentioned in the Onslow County Comprehensive Plan (CAMA Land Use Plan) as project R-2105 to widen the roadway to multi-lanes from Swansboro to Morehead City. This project has already been funded and constructed. It is mentioned throughout the entire Plan in regard to proximity to other projects and commercial and residential attributes along the roadway. A major goal identified in this CTP is continuity of facility, and upgrading this roadway to expressway will allow for that continuity from R-2105.

Linkages to Other Plans and Proposed Project History

The Onslow County Comprehensive Plan, Strategic Transportation Corridors Plan, and Snead's Ferry Community Plan were both studied.

In the Onslow County Comprehensive Land Use Plan, R-2105 is a project identified as starting in Swansboro within Onslow County connecting to US 70 in Morehead City with a recommendation to widen to multi-lanes. The Planning for R-2105 started in 1997, design from 1997-1999, and construction from 1997-2001. On the Strategic Transportation Corridors Plan, the entire portion of NC 24 in Onslow County and Carteret County is to be studied as Corridor W. Please refer to the Strategic Transportation Corridors Map for further information.¹⁶

Multi-modal Considerations

The bicycle recommendation along this corridor is to widen the shoulders to better accommodate bicyclists.

Public/Stakeholder Involvement

The Transportation Planning Division along with the Jacksonville MPO and Down East RPO held several public involvement sessions in 2017 across Onslow County. There was a public involvement session held on:

- Onslow County Fairgrounds on August 22, 2017 from 4pm-7pm
- Richlands Town Hall on August 23, 2017 from 4pm-7pm;
- Dixon Elementary on August 31, 2017 from 4pm-7pm
- Swansboro Town Hall on September 6, 2017 from 4pm-7pm

There were four public involvement sessions held in August and September of 2017. Please refer to Appendix H for more information on the public involvement sessions.

¹⁶ <https://connect.ncdot.gov/projects/planning/Pages/NCTransportationNetwork.aspx>

During our public involvement session in Swansboro on September 6, 2017 there were many citizens who showed support for this upgrade. They were happy to know that there would be more visitors coming through and stopping by Swansboro on their way to Carteret County's beach communities.

SR 1444 (Swansboro Loop), Local ID: ONSL0012-H

SR 1444 (Swansboro Loop Road) from SR 1434 (Belgrade Swansboro Road) to SR 1447 (Main Street Extension) is a two-lane minor thoroughfare road with 10 feet per lane in Swansboro, NC. The recommendation is for modernization of the road to widen from a total of 20 feet lanes to a total width of 24 feet. Currently, the speed limit on this road varies between 45 and 55mph. The speed limit can remain the same. Multimodal accommodations are being recommended as stated in a previous CTP. SR 1444 (Swansboro Loop Road) is shown as a multi-lane recommendation in accordance with the Swansboro Bicentennial Bicycle Trail Route Map. Four-foot paved shoulders are being recommended.

SR 1445 (Norris Road), Local ID: ONSL0013-H

Norris Road (SR 1445) from NC 24 to SR 1444 (Swansboro Loop Road) is a two-lane minor thoroughfare road with 9 feet per lane with no shoulders in Swansboro, NC. The recommendation is for modernization of the road to widen from a total of 18 feet to 24 feet. Currently the speed limit on this road is 45 mph and the recommendation is the speed limit remain the same. Multimodal accommodations are being recommended because Norris Road is designated a bicycle route in accordance with the Jacksonville City to the Sea Bicycle Route Map.

SR 1447 (Main Street Extension), Local ID: ONSL0014-H

SR 1447 (Main Street Extension) from NC 24 (near SR 1514 (Phillips Loop Road)) to NC 24 (near Local Road (Webb Street)) is a two-lane minor thoroughfare road with 8 feet per lane with no shoulders in Swansboro, NC. The recommendation is for modernization of the road to widen from a total of 16 feet to 24 feet. Currently the speed limit on this road is 35 mph and the recommendation is that the speed limit remain the same. Both pedestrian and bicycle recommendations are being made along this roadway.

SR 1512 (Old Hammock Road), Local ID: ONSL0015-H

SR 1512 (Old Hammock Road) from NC 24 (Freedom Way) to SR 1511 (Hammock Beach Road) is a two-lane minor thoroughfare with 9 feet per lane with no shoulders in Swansboro, NC. The recommendation is for modernization of the road to widen from a total of 18 feet to 24 feet. Currently, the speed limit on this road is 45 mph and the recommendation is that the speed limit remain the same. Multimodal accommodations are being recommended as stated in a previous CTP to include four-foot paved shoulders. The close proximity of SR 1512 (Old Hammock Road) to SR 1444 (Swansboro Loop Road), which is designated as a bicycle route in accordance with the Swansboro Bicentennial Bicycle Trail Route Map, justifies proposing the multi-use path.

SR 1511 (Hammock Beach Road), Local ID: ONSL0016-H

SR 1511 (Hammock Beach Road) from NC 24 to Local Road (John L Hurst Drive) is a two-lane minor thoroughfare with 9 feet per lane with no shoulders in Swansboro, NC. The recommendation is for modernization of the road to widen from a total of 18 feet to 24 feet. Currently, the speed limit on this road is 45 mph and the recommendation is that the speed limit remain the same. Multimodal

recommendations are being proposed for multi-use paths, sidewalks and a bicycle route to Hammock Beach State Park. Four-foot paved shoulders are recommended.

SR 1509 (Queens Creek Road), Local ID: ONSL0024-H

SR 1509 (Queens Creek Road) primarily goes through the Town of Swansboro, NC. The roadway starts at NC 24 and ends at SR 1509 (Bear Creek Road). The recommendation is to upgrade the roadway to a boulevard. There are congestion issues along this roadway in future year 2040. Volume is expected to rise to 13,200 AADT (in 2015 it was 9,100 AADT) and capacity is 12,000. Multi-modal recommendations include sidewalks and four-foot paved shoulders. Swansboro High School and Queens Creek Elementary School are on this roadway.

SR 1501 (Sand Ridge Road), Local ID: W-5106

SR 1501 (Sand Ridge Road) from SR 1500 (Starling Road) to SR 1509 (Queens Creek Road) is a widening project in the TIP (R-5948) and is a minor thoroughfare. The current cross-section is a two-lane road with 10-foot lanes. The recommendation is to upgrade the roadway to a major thoroughfare with a three-lane cross section to include a center left turn lane with 12-foot outside lanes. In 2040, this roadway will be over capacity, volume is expected to be 15,200 AADT and capacity is 12,000.

SR 1434 (Belgrade-Swansboro Road), Local ID: ONSL0025-H

SR 1434 (Belgrade Swansboro Road) from NC 24 to SR 1442 (Stella Road) is currently a two lane, 9 feet per lane road. The recommendation is to upgrade the roadway to 12 feet per lane. The speed limit varies between 35 mph to 55 mph and is recommended to stay the same. This is a local need for connectivity from Swansboro to eastern Onslow county and Jones County.

SR 1503 (Bear Creek Road/Sound Road), Local ID: ONSL0026-H

SR 1503 (Bear Creek Road/Sound Road)) from SR 1509 (Queens Creek Road) to NC 172 is a two lane, 8 feet per lane roadway. The recommendation is for the road to be upgraded to a 12 feet per lane roadway, a modernization improvement.

SR 1538 (Morris Landing Road), Local ID: ONSL0027-H

SR 1538 (Morris Landing Road) from US 17 to inner sound (body of water) is a 10 feet per lane, two lane road. The recommendation is for the road to be upgraded to a 12 feet per lane roadway, a modernization improvement.

SR 1534 (Holly Ridge Rd), Local ID: ONSL0028-H

SR 1534 (Holly Ridge Road) from SR 1538 (Morris Landing Road/Sound Road) to SR 1531 (Tar Landing Road) is a 10 feet per lane, two lane road. The recommendation is for the road to be upgraded to a 12 feet per lane roadway, a modernization improvement.

SR 1532 (Folkstone Road), Local ID: ONSL0029-H

SR 1532 (Folkstone Road) from US 17 to SR 1531 (Tar Landing Road) is a 10 feet per lane, two lane road. The recommendation is for the road to be upgraded to a 12 feet per lane roadway, a modernization improvement.

SR 1531 (Tar Landing Road), Local ID: ONSL0030-H

SR 1531 (Tar Landing Road) from SR 1534 (Holly Ridge Road) to SR 1518 (Old Folkstone Road) is a 10 feet per lane, two lane road. The recommendation is for the road to be upgraded to a 12 feet per lane roadway, a modernization improvement.

NC 210 (Island Drive), Local ID: ONSL0033-H

NC 210 (Island Drive) from Local Road (Seascape Drive) to SR 1568 (New River Inlet Road) is a 10 feet per lane, two lane road. The recommendation is for the road to be upgraded to a boulevard. An additional recommendation is to improve the intersection of NC 210 and SR 1568 (New River Inlet Road). The residents are requesting a potential roundabout be studied that would increase safety at this location. There is a recommendation for both a bicycle and pedestrian route along this roadway.

NC 210 (Local ID): ONSL0034-H

NC 210 from US 17 to Local Road (Seascape Drive) is a 12 feet per lane, two lane road. The roadway exceeded capacity in 2015. In 2015, the volume on this roadway was 17,000 AADT and capacity is 16,400. The recommendation is to upgrade the roadway from a thoroughfare to a boulevard by 2040. In 2040, the volume on the road is expected to rise to 27,000 AADT and the capacity will be 40,800 if upgraded to a boulevard. There is a proposal for an interchange at the intersection of US 17 and NC 210 (Local ID: ONSL0017-H) when the roadway is upgraded to a boulevard. A portion of this roadway is recommended as a future bicycle route and a portion of the roadway is recommended to become a multi-use path.

SR 1568 (New River Inlet Road), Local ID: ONSL0038-H

SR 1558 (New River Inlet Road) from NC 210 to the north end of Topsail Island is a 10 feet per lane, two lane road. The speed limit is 35mph. The recommendation is for the road to be upgraded to a 12 feet per lane roadway. An additional recommendation is to improve the intersection of NC 210 and New River Inlet Road (Local ID ONSL0033-H). There is a recommendation for a multi-use path along this roadway.

NC 258 (Richlands Highway), Local ID: ONSL0044-H

A proposal to upgrade NC 258 from the Lenoir County Line to NC 24 is being recommended. The main purpose for this project is continuity of the corridor. The characteristics of the roadway will match what is being proposed in the Lenoir County CTP, which states:

*US 258, Local ID: LENO0102-H (Formally STIP No. R-2235, since removed from the STIP):
US 258 is currently a two-lane major thoroughfare from Jones County to Tyree Road (SR 1341). There is a history of several fatal and injury crashes along this section of roadway. This section of roadway has a higher than average critical crash rate and severity index rating. Through traffic from Jacksonville to points further north mixes with local traffic, creating conflicts with speed and safety, in particular in*

passing zones and at intersections. While there are not any projected capacity issues along this section of roadway, traffic volumes are high enough that crashes in existing passing zones could increase if not addressed.

The US 258 corridor is identified as a Strategic Transportation Corridor (STC) within the North Carolina Transportation Network [1] (NCTN). The STC Policy and Map was adopted by the NCDOT on March 4, 2015. The purpose of the NC Transportation Network (NCTN) is to preserve and maximize mobility and connectivity on a core network of multimodal transportation corridors, promoting environmental stewardship and economic prosperity. The US 258 corridor provides a connection from US 70 in Kinston to Camp Lejeune Marine Corps Base in Jacksonville. Additionally, the NCDOT 2040 Plan [2] identifies the following investments for eastern North Carolina:

- **Strengthen Military Connections**
 - Improve highway and rail connections between bases and to ports of embarkation and debarkation.
 - Improve highway connections between bases and regional healthcare and education centers.
- **Strengthen Highway Connectivity from Mountains to Coast**
 - Improve U.S. 258 from US 70 in Kinston to NC 24-27 just north of Jacksonville to improve freight movements and in-state access to Camp Lejeune.

A crash assessment performed during the development of the CTP identified the following intersections along this section of US 258 as experiencing a high number of crashes between January 1, 2011 and December 31, 2015:

| Crash Location | Number of Crashes (2011-15) |
|-------------------------------|------------------------------------|
| Pleasant Hill Rd (SR 1105) | 5 |
| Jonestown Rd (SR 1116) | 6 |
| Nobles Mill Rd (SR 1120) | 6 |
| Sandy Foundation Rd (SR 1137) | 11 |
| Woodington Rd (SR 1909) | 10 |

This crash assessment also identified 18 segments along this section of US 258 as experiencing a high number of crashes between January 1, 2011 and December 31, 2015. These sections experienced 4 fatal or serious injury crashes as well as 54 other injury accidents during this time period. Information provided by the local fire departments indicated that several of these crashes were head-on collisions. According to the Onslow County CTP Crash Map, there were numerous crashes (50 and above) that occurred at the intersection of NC 24 and US 258 from January 1, 2007 to December 31, 2011.

Refer to Chapter 1 of the CTP report for more detailed information on this location. The proposed improvements to US 258 will help to reduce congestion and improve mobility in the area.

Project Description and Overview

The project proposal (LENO0102-H/ONSL0047-H) is to add an alternating passing lane along this section of roadway, improve intersection visibility where applicable, add rumble stripes along the center yellow lines and the white lines along the shoulders, and apply more reflective thermoplastic paint to road markings. The proposed improvements could help address the safety issues along this facility.

US 258 (Kinston Highway), Local ID: ONSL0045-H

US 258 (Kinston Highway) from NC 24 (Beulaville Hwy) to SR 1308 (W Franck Street) is a four lane roadway with a center turning left lane. The recommendation is to convert the roadway to a boulevard – four lane roadway with a median. This proposal is similar to NC 132 in Wilmington, NC.

NC 24 (W Corbett Ave), Local ID: ONSL0048-H

NC 24 (W Corbett Ave) from SR 1434 (Belgrade-Swansboro Road) to end of County Line, is a four lane roadway with a center turning lane in Swansboro, NC. The proposal for this project is to convert NC 24 from SR 1434 (Belgrade-Swansboro Road) to Local Road (Front Street) in Onslow County to a

superstreet. A superstreet provides for reduced delay and simultaneous coordination of both main street travel directions at all times of the day. Main street travelers may turn left, right or travel straight through – just like a conventional intersection – side-street travelers who want to cross or turn left at the superstreet intersection must first turn right and then make a U-turn to return to their desired route.

SR 1512 (Old Hammock Road), Local ID: ONSL0049-H

SR 1512 (Old Hammock Road) from SR 1511 (Hammock Beach Road) to edge of Queens Creek (body of water). Currently SR 1512 (Old Hammock Road) is a two lane, 9 foot per lane roadway. The road from SR 1511 (Hammock Beach Road) down to the edge of Queens Creek is called 4-H Camp Road. The recommendation is to upgrade SR 1511 (Hammock Beach Road) to a 12 foot lane roadway and 4-H Camp Road for continuity, also making it a two lane roadway.

US 17 (Wilmington Highway), Local ID: ONSL0053-H

US 17 from SR 1533 (Hines Stump Sound Church Road) to the Pender County line is a five-lane undivided roadway. The roadway is a four-lane roadway with a width of 12 feet per lane and a center turning lane. As soon as you enter Pender County, the roadway becomes a superstreet. This roadway in Pender County provides a raised median that allows for safe u-turns and right-turn in and right-turn out of driveways. The recommendation is to upgrade this entire segment to superstreet conditions so it flows into Pender County. In addition, Pender County is estimating there will be an extra 3,200-3,400 residential units coming into the Topsail area along with 4 acres of commercial property. There is a proposed interchange at the intersection of NC 50, US 17 (Wilmington Highway) and SR 1538 (Morris Landing Road) since NC 50 is a major thoroughfare and US 17 is proposed to be upgraded to a boulevard with population increasing in the Topsail Beach area.

NC 210 (Island Drive), Local ID: ONSL0054-H

NC 210 (Island Drive) from SR 1558 (New River Inlet Road) to the Pender County line is a 10 feet per lane, two lane road. The speed limit is 35mph. The recommendation is for the road to be upgraded to a 12 feet per lane roadway. An additional recommendation is to improve the intersection of NC 210 and New River Inlet Road (Local ID ONSL0033-H).

Candy Bohmert
TAC Chair

Angela Christian
TCC Chair



William Taylor
TAC Vice-Chair

Katrina Marshall
TCC Vice-Chair

RESOLUTION SUPPORTING THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION FERRY SUPPORT VESSEL NAMES

WHEREAS, The Down East Rural Planning Organization (DERPO) consists of Carteret, Craven, Jones, Onslow, and Pamlico Counties and serves as an intergovernmental organization for local elected officials, the North Carolina Department of Transportation, and residents of its five-county region to work cooperatively to address transportation issues and develop regional multimodal transportation plans to sustain and improve the quality of the transportation system for residents of the region and throughout the State of North Carolina; and

WHEREAS, the DERPO is within the NCDOT Division 2, serviced by the North Carolina Ferry System; and

WHEREAS, there are two NCDOT ferry routes within the DERPO region: Cedar Island to Ocracoke, and Cherry Branch to Minnesott Beach; and

WHEREAS, the DERPO supported the NC Ferry Support Vessel replacement project through the Strategic Transportation Investment prioritization process; and

WHEREAS, in keeping with the tradition of naming NC Ferry Vessels after towns and regions of coastal North Carolina; and

NOW THEREFORE, be it resolved, the Down East Rural Planning Organization Transportation Advisory Committee request that the new tugs in the support vessel fleet be named the following:

NC-3 tug will be named WANCHESE

NC-4 tug will be named MOREHEAD CITY

NC-5 tug will be named CAPE FEAR

NC-6 tug will be named HOBUCKEN

NC-7 tug will be named MANNS HARBOR.

ADOPTED this the 30th day of July 2019.

Candy Bohmert, DERPO TAC Chair

Patrick Flanagan, DERPO Secretary