

I N D E X

BOARD OF TRANSPORTATION MEETING

October 3, 2019

| | <u>Page No.</u> |
|--|-----------------|
| Call to Order | 9005 |
| Ethics Statement | 9005 |
| Approval – Minutes of the August 8, 2019 Board Meeting Minutes | 9005 |
| Secretary's Remarks | 9006 |
| Approval of Projects | 9009 |
| <u>Delegated Authority Items</u> | |
| Approval – Award of Highway Construction Contracts from the August 2019 Letting | 9012 |
| Approval – Award of Contracts to Private Firms for Engineering Services | 9018 |
| Approval – Funds for Secondary Road Improvement Projects – Statewide Contingency, Public Access, and Economic Development | 9025 |
| Approval – Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development | 9029 |
| Approval – Funds for Specific Spot Safety Improvement Projects | 9054 |
| <u>Action Items</u> | |
| Approval – Additions and Abandonments to State Secondary Road System | 9026 |
| Approval – Public Transportation Program | 9033 |
| Approval – Public Transportation Program | 9034 |
| Approval – Rail Program | 9036 |
| Approval – Bicycle and Pedestrian | 9037 |
| Approval – Aviation Program | 9038 |
| Approval – North Carolina Highway Trust Funds | 9039 |
| Approval – Funds for Specific Federal Aid Projects | 9055 |

| | |
|---|------|
| Approval – Revisions to the 2018-2027 and 2020-2029 STIPS | 9074 |
| Approval – Municipal and Special Agreements | 9098 |
| Approval – Municipal Street System Changes for Powell Bill Program | 9109 |
| Approval – Right of Way Resolutions and Ordinances | 9110 |
| Approval - Maintenance Allocations | 9116 |
| Approval - Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation | 9122 |
| Committee Reports | 9125 |
| Adjournment | 9126 |

BOARD OF TRANSPORTATION MEETING

October 3, 2019

Call to Order

Chairman Fox called the meeting of the Board of Transportation to order at 9:03 a.m. on Thursday, October 3, 2019, in Raleigh, North Carolina with the following members present in the Board room: Chairman Fox, Vice-Chair Szlosberg-Landis, Overholt, Perkins, Hunt, Alford, Pope, Lathrop, Debnam, Clarke, Cody, Zimmer, and Mathis.

Board Member Moran and Board Member Tulloss called in to the meeting.

Board Members Taft, Jordan, Bowles, and Tarleton were absent.

Ethics Statement

Chairman Fox read the Ethics Statement advising all members of the Board that may have any conflict of interest, or appearance of conflict, to refrain from participation in that particular item and to file the proper paperwork with the Secretary to the Board of Transportation.

Approval – September 5, 2019 Board Meeting Minutes

Chairman Fox stated that the meeting minutes were distributed for review prior to the meeting. Chairman Fox stated if there are no additions or corrections, he would accept a motion to approve the meeting minutes from the September 5, 2019 Board of Transportation meeting. The meeting minutes were unanimously approved by the Board following a motion made by Board Member Lathrop and a second by Board Member Zimmer.

Road, Bridge and Ferry Naming Honorary Designations

Board Member Mathis presented a resolution naming the N.C. 24/27 bridge over Little River in Montgomery County as the Corporal Henry F Warner Bridge. The resolution was unanimously approved by the Board upon a motion by Board Member Mathis and seconded by Board Member Perkins. (A copy of the resolution is at the end of this document).

Secretary's Remarks

Secretary Trogdon shared information on Hurricane Dorian damage throughout the state. He stated that Hurricane Dorian caused damage in a few areas in the eastern part of the state, including significant flooding (7 feet) on Ocracoke Island. Secretary Trogdon mentioned the latest estimate on costs to NCDOT infrastructure were \$40 million. The worst damage to a single site was the 1,000-foot washout of N.C. 12 on Ocracoke. He stated that the Department is doing all they can to restore this critical lifeline for the island and the Outer Banks as soon as possible. Secretary Trogdon stated that the Department was awarded a \$1.77 emergency contract in hopes of having the roads repaired before Thanksgiving. Secretary Trogdon mentioned the Department is focused on helping affected communities recover from Dorian, he shared we are fortunate the storm had fewer statewide impacts compared to other recent hurricanes.

U.S. 421

Secretary Trogdon shared that days after the storm cleared from the coast, he joined the governor and other officials for an event at the Pender-New Hanover county line. While attending the event Secretary Trogdon shared an update on Hurricane Dorian and also recognized the one-year anniversary of Hurricane Florence. The event was held on U.S. 421 where the worst washout from Florence occurred, because it is a prime example of this resilient focus. The new design replaces a single culvert with a pair of two-lane bridges constructed to withstand another Florence-caliber storm.

Karen Collette

Secretary Trogdon acknowledged Karen Collette, Division Three Engineer, who is retiring November 29, 2019. Secretary Trogdon shared he had the privilege of meeting both the first female licensed professional engineer in North Carolina, Emily Blount, and the state's first and to this point only female division engineer, Karen. Secretary Trogdon stated Karen has been a strong and knowledgeable leader. He shared that we will have big shoes to fill. Karen graduated from N.C. State in 1988, she worked her first 23 years in maintenance and construction roles, including assistant district engineer, county maintenance engineer, district engineer and resident engineer. In 2012, she was named the division engineer for the Wilmington area, which allowed her to move back to her hometown. Secretary Trogdon congratulated Karen on her outstanding career and wished her the very best in retirement.

Event Updates

Secretary Trogdon shared that on September 10th he met with the Wilmington Chamber of Commerce's Regional Transportation Advocacy Group. He also, shared he attended the AASHTO Council of Rail Transportation, held Sept. 16-19 in Hartford, Conn., where discussion included federal spending on passenger rail, agency/private freight rail coordination, and future grant opportunities.

Cash Balance

Secretary Trogdon mentioned the Department continues to monitor the cash balance very closely and are working very hard to stay above the cash floor. He stated they are controlling what they can, adjusting our spending as needed to ensure we remain in good standing. The next two months are critical for the Department.

Zero Emission Vehicle (ZEV) Plan

Secretary Trogdon shared the Department released the ZEV Plan for accelerating the adoption of electric vehicles in North Carolina. The plan was presented to Governor Cooper and members of the N.C. Climate Change Interagency Council. This plan is the direct result of the governor's executive order that calls for addressing climate change by reducing emissions and growing clean energy. More ZEVs will translate to a reduction in emissions. This plan sets a goal of 80,000 ZEVs in North Carolina by 2025. Secretary Trogdon mentioned here at NCDOT, we understand the value of preparing for and leveraging disruptive technologies like battery-electric vehicles and that is why this plan is important for us and will serve us well as the industry changes faster than ever before.

Complete 540

Secretary Trogdon stated the Department is moving forward on the project to Complete 540, working toward a groundbreaking event for this fall. Two of three contracts have been awarded and construction is set to begin later this year. The tentative completion date for the first phase, from N.C. 55 Bypass to I-40, is 2023.

GTP Executive Director

Secretary Trogdon acknowledged John Rouse, who has been serving as Global TransPark interim executive director of the Kinston facility since May, has accepted the position in a permanent roll. This is a fitting move, as John is a Lenoir County native and has years of experience overseeing our divisions in eastern North Carolina.

Awards

Secretary Trogdon shared that the Department received several awards in the past month and is vying for more. The 2019 Mobi Awards, which recognize and promote investments in multimodal transportation projects, earned an Impact Award from the National Association of Development Organizations. The National Association of State Aviation Officials named NCDOT's drone program as the 2019 Most Innovative State Program at its annual convention a few weeks ago. He mentioned there's also still time to vote for the Department's use of drone technology after Hurricane Florence. NCDOT is nominated for an America's Transportation Award. People can vote once per day, per device, every day until the competition closes at midnight on Oct. 6 by going to bit.ly/voteDOT.

DELEGATED AUTHORITY ITEMS

Approval – Award of Highway Construction Contracts in August 2019 Letting

Chairman Fox stated that items C, D, E, H, and L are delegated to the Secretary and require no formal action by the Board. He shared that for Item C: All projects were awarded by the Secretary to the low bidder.

Complete 540 Update

Daniel Johnson, NCDOT General Counsel provided an update on the Complete 540 project including the timeline associated with the contract awards and construction start. He shared the tentative completion date for the first phase, from N.C. 55 Bypass to I-40, is 2023.

Closed Session: Pursuant to NC General Statute §143-318.11(a)(3)

Chairman Fox called for a motion to move into closed session per North Carolina General Statute 143-318.11 to “consult with an attorney . . . in order to preserve the attorney-client privilege between the attorney and the public body” as permitted pursuant to subsection (a)(3).

Board member Clarke made a motion to enter into closed session, seconded by Board member Cody. The Board voted unanimously to enter into closed session.

Chairman Fox called the closed session to order.

The open session resumed following the closed session. The doors to the meeting room were opened; all NCDOT staff and guests were invited to return to the meeting room. Chairman Fox noted the meeting was formally back in open session. Chairman Fox stated for the record that no votes were taken in closed session. Chairman Fox continued the meeting agenda in open session.

Approval of Projects

A motion was made by Board Member Debnam and seconded by Board Member Pope to approve all projects for items G, I-1, I-1A, I-4, K, M, N, O, P, R, S, and T. (excluding items C, D, E, H, and L as they are delegated authority items and require no formal board action).

Board Member Alford recused himself from voting on the following project item:

- Item O – Project Y-5500GC 80000.2.2.7 City of Mebane, Norfolk Southern Railroad (NS), North Carolina Railroad Company (NCR), Alamance County; This Rail Agreement provides for the implementation of the near-term and mid-term rail safety recommendations of the Mebane Traffic Separation Study executed by the Department and the Municipality on June 4, 2018. The Department will prepare the project plans and the environmental documentation and construct the improvements outside of the railroad right-of-way. NS shall perform all work within their right-of-way. The estimated project cost is \$1,000,000.

Board Member Zimmer recused himself from voting on the following project items:

- Item K-1 – Project U-4751; Wilmington/New Hanover Co. Div. 3; WBS 40191.1.2; SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$10,450,302.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project.
- Item M-7 – Project C-5555E EXEMPT; Guilford Co.; 45540.2.6, CMS-1546(021); SR 1546 (College Road) and SR 2179 (New Garden Road) in Greensboro. \$145,369.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.

- Item O – Project U-4751; 40191.3.2; Tri-City Butte, LLC New Hanover County; This Project consists of an additional exclusive eastbound right-turn lane on SR 2892 (Lendire Road) at the intersection with US 17 (Market Street) as requested by the Developer in conjunction with the Department's U-4751 Project. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$100,000.

Board Member Lathrop recused himself from voting on the following project items:

- Item M-12 – Project B-5809; Anson Co.; 45763.2.1, BRZ-1142(012); Replace Bridge #75 over North Fork Jones Creek on SR 1142. Funds are needed for full right of way and utilities.
- Item M-13 – Project R-5790JF; Divisionwide; 44920.3.14, TAP-00SS(060); ADA Ramps (Americans with Disabilities Act) for areas with populations < 5,000 in Cabarrus, Anson and Stanly Counties. Funds are needed for construction to install curb ramps and retrofit existing ramps.
- Item N – Project W-5810DIV; ANSON; SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 10. ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.
- Item N – Project W-5810REG; ANSON; SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 10. ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.
- Item N – Project W-5810SW; ANSON; SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 10. ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.
- Item O – Project C-5601F and G 50062.5.1; Wake County, North Carolina State University, Clean Energy Technology Center (CETC); This Project consists of the development and operation of a clean fuel advanced technology outreach and awareness program, including sub-awards for projects in eligible counties in North Carolina. The Project will be administered by the Clean Energy Technology Center (CETC) at NC State University. The Department shall reimburse 80% from CMAQ funds, not to exceed \$2,335,132. The CETC will be responsible for the 20% (\$583,783) non-federal match for the CMAQ funds authorized and all costs that exceed the total available funding of \$2,918,915.
- Item O – Project U-5905; 46450.1.1, 46450.2.1, 46450.3.1, City of Charlotte Mecklenburg County; This Project consists of improvements along Lakeview Road (SR

2112) from Old Statesville Road (US 21) to Reames Road (SR 2110). The Municipality is responsible for the project. The Department's original participation was \$11,000,000 in State Bonus Allocation funds. The Department has agreed to participate in additional project costs with federal funds. The Department shall reimburse 80% of eligible expenses up to \$3,823,000. The Municipality will provide a 20% non-federal match of \$955,750 and all costs that exceed the total available funding of \$15,778,750.

- Item O – Project EB-5748, 50425.1.1; City of Mount Holly Gaston County; This Project consists of the construction of new sidewalk on SR 2439 (Beaty Road) from Smith Street to Ferstl Avenue. The Department shall prepare the preliminary engineering plans and participate in 80% (\$81,000) of the PE costs from federal funds. The Municipality will provide a 20% (\$20,250) non-federal match and all costs that exceed the total available funding of \$101,250.
- Item O – Project EB-5912, 47578.1.1; City of Mount Holly Gaston County; This Project consists of the construction of new sidewalk along the south side of SR 2044 (Tuckaseege Road). The Department shall prepare the preliminary engineering plans and participate in 80% (\$230,000) of the PE costs from federal funds. The Municipality will provide a 20% (\$57,500) non-federal match and all costs that exceed the total available funding of \$287,500.

NCDOT Board of Transportation Agenda

ITEM C

September 17, 2019

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award the following highway construction projects.

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER, 2019
DIVISION 00002

C204225
50111.3.1

AWARDED

STATE FUNDED
CRAVEN
U-5713, R-5777A, R-5777B
09/10/2019

PROPOSAL LENGTH 5.1 MILES
TYPE OF WORK DESIGN BUILD.
LOCATION US-70 FROM THE NEUSE RIVER BRIDGE TO EAST OF THURMAN RD IN JAMES CITY.

EST CONST PROGRESS FY-2020..08% OF BID
FY-2021..25% OF BID
FY-2022..32% OF BID
FY-2023..24% OF BID
FY-2024..11% OF BID

RPN 001 3 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 289,229,000.00

DATE AVAILABLE OCT28 2019
FINAL COMPLETION MAY 15 2024

QUALITY ADJUSTED PRICE RANKING

| PROPOSAL | TECH SCORE | QUALITY CREDIT % | ACTUAL CONTAMT (PRICE PROP) | ACT% DIFF | QUALITY VALUE | CONT AWARD BASIS (ADJ PRICE) | ADJ% DIFF |
|--------------------------------------|---------------|------------------------|--------------------------------------|--------------|------------------|------------------------------------|--------------|
| BALFOUR BEATTY INFRASTRUCTURE INC | 99.00 | 24.17 | 203,300,000.00 | -29.71 | 49,137,610.00 | 154,162,390.00 | -46.70 |
| * BRANCH CIVIL INC | 81.50 | 9.59 | 220,985,000.00 | -23.60 | 21,192,461.50 | 199,792,538.50 | -30.92 |
| * CHANGE IMPROPERLY MADE | | | | | | | |
| S TWOOTEN CORPORATION | 90.00 | 16.67 | 300,780,000.00 | +3.99 | 50,140,026.00 | 250,639,974.00 | -13.34 |

* DENOTES IRREGULAR BID

| PROPOSAL | PROPOSED COMPLETION DATE |
|-----------------------------------|-----------------------------|
| BALFOUR BEATTY INFRASTRUCTURE INC | SEP 07 2023 |
| BRANCH CIVIL INC | DEC 22 2023 |
| ST WOOTEN CORPORATION | MAY 15 2024 |

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER, 2019
DIVISION 00002

C204358
46981.3.1

AWARDED

STATE FUNDED
GREENE
R-5812
09/17/2019

PROPOSAL LENGTH 1.138 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALL.
LOCATION US-13 BYPASS FROM NC-58 (KINGOLD BLVD) TO NC-91.

EST CONST PROGRESS FY-2020..86% OF BID
FY-2021..14% OF BID

RPN 002 4 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 7,816,264.11

DATE AVAILABLE OCT28 2019

INTER COMPLETION SEP 15 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 14 2021

| | \$ TOTALS | % DIFF |
|---|--------------|--------|
| PLT RBP JV CONSTRUCTION WILSON, NC | 6,308,481.00 | -19.3 |
| BARNHILL CONTRACTING CO ROCKY MOUNT, NC | 6,387,538.80 | -18.3 |
| FSC II LLC OBA FRED SMITH COMPANY RALEIGH, NC | 6,733,376.00 | -13.9 |
| ST WOOTEN CORPORATION WILSON, NC | 8,320,032.09 | +6.4 |

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER, 2019
DIVISION 00005

C204429
44400.3.1

AWARDED

STATE FUNDED
WAKE
U-5827
09/17/2019

PROPOSAL LENGTH 0.71 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND RETAINING WALL.
LOCATION SR-1632 (LOUIS STEPHENS DR) FROM POPLAR PIKE LANE IN MORRISVILLE TO SR-2153 (LITTLE DR) IN RTP.

EST CONST PROGRESS FY-2020..48% OF BID
FY-2021..51% OF BID
FY-2022..01% OF BID

RPN 003 5 BIDDER(S) DBE GOAL 14.00 %
ESTIMATE 4,629,852.66

DATE AVAILABLE OCT28 2019
INTER COMPLETION JUL 15 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION JAN 11 2022

| | \$ TOTALS | % DIFF |
|---|--------------|--------|
| CAROLINA SUNROCK LLC RALEIGH, NC | 5,472,657.96 | +18.2 |
| DLB ENTERPRISES LLC CHARLOTTESVILLE, VA | 5,689,751.78 | +22.9 |
| FSC II LLC OBA FRED SMITH COMPANY RALEIGH, NC | 5,745,475.00 | +24.1 |
| ST WOOTEN CORPORATION WILSON, NC | 5,910,133.00 | +27.7 |
| CONTI ENTERPRISES, INC EDISON, NJ | 6,870,757.00 | +48.4 |

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER, 2019
DIVISION 00011

C204220
46104.3.1

AWARDED

STATE FUNDED
YADKIN
B-5389
09/17/2019

PROPOSAL LENGTH 0.386 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #105 OVER YADKIN RIVER ON US-421 NORTH BOUND LANES.

EST CONST PROGRESS FY-2020..47% OF BID
FY-2021..48% OF BID
FY-2022..05% OF BID

RPN 004 9 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 7,091,419.50

DATE AVAILABLE OCT28 2019
INTER COMPLETION SEP 15 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAR 14 2022

| | \$ TOTALS | % DIFF |
|---|--------------|--------|
| SMITH-ROWE, LLC MOUNT AIRY, NC | 6,792,337.26 | -4.2 |
| R.E. BURNS & SONS CO INC STATESVILLE, NC | 7,238,282.59 | +2.1 |
| DANE CONSTRUCTION INC MOORESVILLE, NC | 7,279,010.61 | +2.6 |
| NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC | 7,445,860.63 | +5.0 |
| EASTERN STRUCTURES LLC MOCKSVILLE, NC | 7,838,878.30 | +10.5 |
| WC ENGLISH INCORPORATED LYNCHBURG, VA | 7,984,950.98 | +12.6 |
| JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC | 8,184,939.48 | +15.4 |
| SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC. | 8,533,238.29 | +20.3 |
| CONTI ENTERPRISES, INC EDISON, NJ | 9,949,757.00 | +40.3 |

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER, 2019
DIVISION 00014

C204265
34232.3.5, 34232.3.GV8

NHPP-026-1(200)13, NHP-0026(15)
BUNCOMBE, HENDERSON
I-4400C, 1-440088
09/17/2019

AWARDED

PROPOSAL LENGTH 8.552 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, STRUCTURES & REST AREA.
LOCATION 1-26 FROM 0.05 MILES NORTH OF US-64 TO NC-280 (EXIT 40).

EST CONST PROGRESS FY-2020..27% OF BID
FY-2021..32% OF BID
FY-2022..23% OF BID
FY-2023..15% OF BID
FY-2024..03% OF BID

RPN 001 5 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 286,540,605.58

DATE AVAILABLE OCT28 2019
INTER COMPLETION NOV 01 2023 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAY 31 2024

| | \$ TOTALS | % DIFF |
|---|----------------|--------|
| ARCHER-WRIGHT JV RALEIGH, NC | 271,226,964.96 | -5.3 |
| FLATIRON BRANCH CIVILAJointventure BROOMFIELD, CO | 272,663,397.95 | -4.8 |
| VECELLIO & GROGAN INC OBA SHARPE BROTHERS BECKLEY, WV | 273,740,181.56 | -4.5 |
| FLUOR UNITED ASHEVILLE LLC GREENVILLE, SC | 281,505,000.00 | -1.8 |
| THE LANE-BLYTHE DEVELOPMENT JV CHARLOTTE, NC | 286,144,121.69 | -0.1 |

| | | |
|----------------|----------------|-------|
| ESTIMATE TOTAL | 595,307,141.85 | |
| LETTING TOTAL | 493,100,441.18 | -17.2 |

**NCDOT October 2019
Board of Transportation Agenda**

According to Executive Order No. 2 and G. S. 143B-350 (g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award contracts to private firms for engineering services.

Professional Services Management

Chief Operating Officer

Chief Engineer

Highway Operations

Operations Program Management

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts were necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

| | |
|----------------------------|--|
| Description of work: | 2016 Highway Asset Inventory and Assessments LSC |
| Firm: | Sepi Engineering & Construction Inc, Raleigh, NC |
| Original Engineering Fee: | \$2,000,000.00 |
| Previous Supplemental Fee: | \$4,500,000.00 |
| Supplemental Fee: | \$3,960,000.00 |
| SPSF Utilization: | 0% |

| | |
|----------------------------|--|
| Description of work: | 2016 Highway Asset Inventory and Assessments LSC |
| Firm: | Volkert Inc, Birmingham, Alabama |
| Original Engineering Fee: | \$2,000,000.00 |
| Previous Supplemental Fee: | \$5,000,000.00 |
| Supplemental Fee: | \$4,140,000.00 |
| SPSF Utilization: | 0% |

| | |
|----------------------------|--|
| Description of work: | 2016 Highway Asset Inventory and Assessments LSC |
| Firm: | Wetherill Engineering, Inc., Raleigh, NC |
| Original Engineering Fee: | \$2,000,000.00 |
| Previous Supplemental Fee: | \$4,000,000.00 |
| Supplemental Fee: | \$2,820,000.00 |
| DBE/WBE/SPSF Utilization: | 100% |

| | |
|----------------------------|--|
| Description of work: | 2016 Highway Asset Inventory and Assessments LSC |
| Firm: | A. Morton Thomas & Associates Inc, Raleigh, NC |
| Original Engineering Fee: | \$ 500,000.00 |
| Previous Supplemental Fee: | \$5,300,000.00 |
| Supplemental Fee: | \$2,760,000.00 |
| SPSF Utilization: | 0% |

| | |
|----------------------------|--|
| Description of work: | 2016 Highway Asset Inventory and Assessments LSC |
| Firm: | Mattern & Craig Inc, Asheville, NC |
| Original Engineering Fee: | \$ 500,000.00 |
| Previous Supplemental Fee: | \$5,100,000.00 |
| Supplemental Fee: | \$2,280,000.00 |
| SPSF Utilization: | 100% |

| | |
|----------------------------|--|
| Description of work: | 2016 Highway Asset Inventory and Assessments LSC |
| Firm: | Summit Design and Engineering Services PLLC, Hillsborough, NC |
| Original Engineering Fee: | \$ 500,000.00 |
| Previous Supplemental Fee: | \$4,900,000.00 |
| Supplemental Fee: | \$2,760,000.00 |
| SPSF Utilization: | 0% |

Divisions

Statewide

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract was necessary due to approved additional work that was unknown at the inception and is required of the firm to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

| | |
|----------------------------|---|
| Description of work: | 2017 Statewide On-Call Construction Engineering & Inspection Services LSC |
| Firm: | KCI Associates of North Carolina PA, Baltimore, MD |
| Original Engineering Fee: | \$15,000,000.00 |
| Previous Supplemental Fee: | \$5,000,000.00 |
| Supplemental Fee: | \$5,000,000.00 |
| SPSF Utilization: | Parrish and Partners of NC PLLC 5% / \$250,000.00 |

Technical Services

Project Management Unit

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract was necessary due to approved additional work that was unknown at the inception and is required of the firm to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 5

| | |
|------------------------------|--|
| Project: | 47027.1.1 (U-5307) Wake County US 1 from I-540 to SR 1909 (Purnell Road) / SR 1931 (Harris Road) |
| Scope of Work: | Preparation of Environmental Documents, Natural Systems Surveys, Public Involvement, Community Impact Assessments and Preliminary Roadway Design |
| Estimated Construction Cost: | \$326,500,000.00 |
| Firm: | RS&H Architects-Engineers-Planners, Inc., Charlotte, NC |
| Original Engineering Fee: | \$1,000,000.00 |
| Previous Supplemental Fee: | \$2,500,000.00 |
| Supplemental Fee: | \$500,000.00 and a Two (2) Year Time Extension. |
| Supplemental Work: | Additional preparation of Environmental Documents, Natural Systems Surveys, Public Involvement, Community Impact Assessments and Preliminary Roadway Design |
| DBE/WBE Utilization: | Three Oaks Engineering 5% / \$25,000.00 |
| DBE/WBE/SPSF Utilization: | Anne Morris and Associates, LLC 2% / \$10,000.00 |

Environmental Analysis Unit – Public Involvement, Community Studies & Visualization (PICSviz)

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts were necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

| | |
|---------------------------|--------------------------------------|
| Description of work: | 2016 Limited English Proficiency LSC |
| Firm: | MM/I and Associates LLC, Raleigh, NC |
| Original Engineering Fee: | \$250,000.00 |
| Supplemental Fee: | \$300,000.00 |
| DBE/MBE Utilization: | 100% |

| | |
|----------------------------|---|
| Description of work: | 2016 Limited English Proficiency LSC |
| Firm: | Spanish Speaking LLC, Winston-Salem, NC |
| Original Engineering Fee: | \$500,000.00 |
| Previous Supplemental Fee: | \$500,000.00 |
| Supplemental Fee: | \$300,000.00 |
| SPSF Utilization: | 100% |

| | |
|---------------------------|--|
| Description of work: | 2018 Limited English Proficiency LSC |
| Firm: | Public Participation Partners LLC, Raleigh, NC |
| Original Engineering Fee: | \$500,000.00 |
| Supplemental Fee: | \$300,000.00 |
| DBE/MBE/SPSF Utilization: | 100% |

Utilities Unit

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Utilities Design Engineering on an as needed basis for various federal-aid and state funded projects to support the Utilities Unit. These contracts will expire two (2) years with an optional one (1) year extension after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

| | |
|--------------------------|--|
| Description of Work: | 2019 Utilities Design Engineering LSC |
| Firm: | AECOM Technical Services of North Carolina Inc, Chicago, IL |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

| | |
|--------------------------|---------------------------------------|
| Description of Work: | 2019 Utilities Design Engineering LSC |
| Firm: | CJS Conveyance PLLC, Cary, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

| | |
|--------------------------|--|
| Description of Work: | 2019 Utilities Design Engineering LSC |
| Firm: | Davis Martin Powell Engineers & Surveyors, High Point, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 100% |

| | |
|--------------------------|---------------------------------------|
| Description of Work: | 2019 Utilities Design Engineering LSC |
| Firm: | Dewberry Engineers Inc, Raleigh, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

Description of Work: 2019 Utilities Design Engineering LSC
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Utilities Design Engineering LSC
Firm: Highfill Infrastructure Engineering PC, Cary, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2019 Utilities Design Engineering LSC
Firm: Hinde Engineering Inc, Charlotte, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2019 Utilities Design Engineering LSC
Firm: Rivers & Associates Inc, Greenville, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2019 Utilities Design Engineering LSC
Firm: RK&K, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Utilities Design Engineering LSC
Firm: TGS Engineers, Shelby, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2019 Utilities Design Engineering LSC
Firm: The Wooten Company, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2019 Utilities Design Engineering LSC
Firm: Vaughn & Melton Consulting Engineers Inc, Asheville, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Utilities Unit

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Utilities Coordination services on an as needed basis for various federal-aid and state funded projects to support the Utilities Unit. These contracts will expire two (2) years with an optional one (1) year extension after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

| | |
|--------------------------|--|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | AECOM Technical Services of North Carolina Inc, Chicago, IL |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

| | |
|--------------------------|---------------------------------|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | Cardno Inc, Dallas, TX |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

| | |
|---------------------------|----------------------------------|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | CH Engineering PLLC, Raleigh, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| DBE/WBE/SPSF Utilization: | 100% |

| | |
|--------------------------|--|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | Davis Martin Powell Engineers & Surveyors, High Point, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 100% |

| | |
|--------------------------|--------------------------------------|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | Hinde Engineering Inc, Charlotte, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 100% |

| | |
|--------------------------|-----------------------------------|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | ICE of Carolinas PLLC, Ladson, SC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

| | |
|--------------------------|--|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | KCI Associates of North Carolina PA, Baltimore, MD |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

| | |
|--------------------------|---|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | Michael Baker Engineering, Inc., Cary, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

| | |
|--------------------------|---------------------------------|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | RK&K, Raleigh, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

| | |
|--------------------------|---------------------------------|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | TELICS, Pineville, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

| | |
|--------------------------|---------------------------------|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | The Wooten Company, Raleigh, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 100% |

| | |
|--------------------------|---|
| Description of Work: | 2019 Utilities Coordination LSC |
| Firm: | Vaughn & Melton Consulting Engineers Inc, Asheville, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |

**NCDOT OCTOBER 2019 BOARD OF TRANSPORTATION AGENDA
Secondary Road Improvement Projects (Highway and Trust
Funds)**

According to G.S. 143B-350(g), the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for Secondary Road Improvement projects

There will be no Secondary Road Improvement projects submitted to the Board for approval at the October 2019 Board meeting.

NCDOT October 3, 2019 Board of Transportation Agenda

Additions to the State Highway System:

| County | Pet. No. | Length Added (Miles) | Description | Date of Report |
|--------------------|----------|--------------------------------------|---|-------------------|
| Division 2 | | | | |
| Craven | 51940 | 0.30 0.14 | Grantham Place Grantham Place Neeley Lane | 06/26/19 |
| Division 4 | | | | |
| Johnston | 51941 | 0.31 0.06 | Maplewood Run Extend SR 3338, Brazil Nut Lane Kola Nut Lane | 07/01/19 |
| Division 7 | | | | |
| Guilford | 51942 | 0.33 0.08 | Beacon Hill Cobblestone Walk Drive Brooke Ellen Court | 05/16/19 |
| Guilford | 51943 | 0.10 | Spencer Ridge Storms End Terrace | 06/24/19 |
| Guilford | 51944 | 0.23 | Summer Glen Extend SR 5301, Claren Oaks Court | 05/06/19 |
| Guilford | 51945 | 0.50 | Triad Business Park Extend SR 1846, Old Greensboro Road | 06/06/19 |
| Division 10 | | | | |
| Mecklenburg | 51946 | 0.19 0.02 0.02 | Hearthstone Extend SR 4382, Tatting Road Carding Place Bards Court | 08/01/19 |
| Union | 51947 | 0.15 0.09 0.18 0.45 0.06 | Briarcrest Extend SR 3867, Laurel Hill Drive Avalon Drive Brynmar Drive Extend SR 3870, Wynhurst Drive Avington Court | 07/01/19 |
| Division 12 | | | | |
| Alexander | 51948 | 0.04 | Olivers Landing Players Ridge Loop | 08/25/19 |
| Catawba | 51949 | 0.13 | Brandon Lands Walnut Grove Lane | 06/03/19 |
| Catawba | 51950 | 0.24 | Kingsway Kingsway Boulevard | 06/03/19 |

NCDOT October 3, 2019 Board of Transportation Agenda

Additions to the State Highway System:

| County | Pet. No. | Length Added (Miles) | Description | Date of Report |
|----------------------------|----------|----------------------------|---|-------------------|
| Division 12 (Cont.) | | | | |
| Catawba | 51951 | 0.18 | Meadows Springs Haynes Drive | 06/03/19 |
| Catawba | 51952 | 0.11 0.10 | St. James Vineyard Damascus Circle Extend SR 2126, Judea Drive | 11/07/18 |
| Iredell | 51953 | 0.04 0.20 | Davidson Downs Yorkshire Lane Extend SR 2981, Sink Farm Road | 08/07/19 |

NCDOT October 3, 2019 Board of Transportation Agenda

Abandonments from the State Highway System:

| County | Pet. No. | Length Abandoned (Miles) | Description | Date of Report |
|--------------------|----------|--------------------------------|--|-------------------|
| Division 8 | | | | |
| Chatham | 51954 | 0.20 | SR 2203, Brookwood Drive Retain 0.00 miles | 09/06/19 |
| Division 9 | | | | |
| Davie | 51955 | 0.22 | SR 1161, Steelman Road Retain 0.00 miles | 09/05/19 |
| Forsyth | 51956 | 0.03 | Portion of SR 2119, Belews Lake Drive Retain 0.23 miles | 09/06/19 |
| Stokes | 51957 | 0.04 | Portion of SR 1983, Pink Smith Road Retain 0.46 miles | 09/11/19 |
| Division 10 | | | | |
| Union | 51958 | 0.17 | SR 1350, Keel Road Retain 0.00 miles | 06/19/19 |

Summary: **Number of roads petitioned for addition – 25**
Number of roads petitioned for abandonment - 5

Corrections: **County**

Requested Action

| | |
|-------------|---|
| Chatham | Petition 51897 - The length of addition for Stony Branch Trail should be corrected to 0.09 miles retroactive to August 8, 2019. |
| Davidson | Rescind the September 05, 2019 correction for Davidson County Petition 51910. Petition 51910 – The length of abandonment for SR 3158, Anna Lewis Drive should be corrected to 0.16 miles. The retainment length should be corrected to 0.36 miles. These corrections are retroactive to August 08, 2019. |
| Mecklenburg | Petition 51906 - The length of addition for the Bedford Road extension should be corrected to 0.17 miles retroactive to August 8, 2019. |

NCDOT OCTOBER 2019 BOARD OF TRANSPORTATION AGENDA

Funds Request

**Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost**

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendation and delegate authority to the Secretary to approve funds for specific Division-wide Small Construction / Statewide Contingency projects.

| County | Description | Type | Amount |
|----------------------|---|------------------------|---------------------|
| Div 1 Chowan | Albemarle Sound Passenger Ferry Feasibility Study | Contingency | \$70,000.00 |
| | WBS 48940 | <u>TOTAL</u> | <u>\$70,000.00</u> |
| Div 1 Currituck | Village of Corolla – WBS 80097 was established (04/19) for drainage improvements on SR 1457 (Bonita St) to minimize prolonged flooding | High Impact / Low Cost | \$200,000.00 |
| | Increase funds | <u>TOTAL</u> | <u>\$200,000.00</u> |
| Div 1 Gates | Town of Gatesville – WBS 80067 was established (02/18) to reconfigure intersection of NC 37 at US 158 in Gatesville to improve Safety for traveling Public | High Impact / Low Cost | \$20,000.00 |
| | Increase funds | <u>TOTAL</u> | <u>\$20,000.00</u> |
| Div 2 Craven | City of New Bern – WBS 49027 was established (06/18) for roadway improvements including widening, repair, and resurface on SR 1111 (Old Airport Rd) from Taberna Circle to County Line Rd | Small Construction | \$15,526.20 |
| | Increase & close | <u>TOTAL</u> | <u>\$15,526.20</u> |
| Div 3 New Hanover | Town of Carolina Beach – WBS 48929.3.1 was established (09/19) to install a signal at US-421 (Lake Park Blvd) and Hamlet Ave | High Impact / Low Cost | \$54,000.00 |
| | Increase funds | <u>TOTAL</u> | <u>\$54,000.00</u> |
| Div 3 New Hanover | City of Wilmington – Environmental study associated with the Wilmington Rail Realignment Project | Contingency | \$250,000.00 |
| | WBS 48935 | <u>TOTAL</u> | <u>\$250,000.00</u> |
| | | | |

NCDOT OCTOBER 2019 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

| County | Description | Type | Amount |
|--------------------|--|--|----------------------------------|
| Div 5 Durham | WBS 2020CPT.05.09.20321.1 was established (05/18) to install a monolithic concrete island on Sherron Rd between US-70 and Mineral Springs Rd Increase funds | High Impact / Low Cost TOTAL | \$30,000.00 \$30,000.00 |
| Div 5 Durham | WBS 48726.3.1 was established (04/19) to widen the US 15-501 southbound off-ramp at Morreene Rd for a dedicated right turn lane Increase funds | High Impact / Low Cost TOTAL | \$250,000.00 \$250,000.00 |
| Div 5 Durham | Widen NC-54 eastbound from Falconbridge Rd to Farrington Rd to provide a continuous right turn lane from west of Falconbridge Rd to I-40 WBS 48937 | High Impact / Low Cost TOTAL | \$200,000.00 \$200,000.00 |
| Div 5 Franklin | Reconstruct/retrofit sidewalk along the north side of Nash St from Main St through Spring St WBS 48938 | High Impact / Low Cost TOTAL | \$100,000.00 \$100,000.00 |
| Div 5 Granville | Install a traffic signal with pedestrian accommodations at the intersection of SR 1103 (Central Ave) and SR 1100 (B St) WBS 48936 | High Impact / Low Cost TOTAL | \$45,000.00 \$45,000.00 |
| Div 5 Vance | Add turn lane on SR 1001 (Warrenton Rd) just west of US-1 bypass WBS 48939 | High Impact / Low Cost TOTAL | \$100,000.00 \$100,000.00 |
| Div 5 Wake | WBS 2020CPT.05.02.20921.1 was established (03/18) to widen SR 3081 (Chapel Hill Rd) from Bowden St eastward through Sorrell St to provide a uniform three-lane typical section Increase funds | High Impact / Low Cost TOTAL | \$150,191.00 \$150,191.00 |
| | | | |

NCDOT OCTOBER 2019 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

| County | Description | Type | Amount |
|-------------------|--|--|--------------------------------|
| Div 5 Wake | Signalize greenway trail crossing at intersection of SR 2006 (Durant Rd) and SR 2005 (Honeycutt Rd) WBS 47792 | High Impact / Low Cost TOTAL | \$45,000.00 \$45,000.00 |
| Div 7 Guilford | Town of Jamestown – WBS 44600 was established (11/15) to remove existing median island on SR 1546 (Guilford College Rd) to allow full access opening at a new City of Jamestown street; scope change to include installation of traffic signal and pavement markings Increase & close | Contingency TOTAL | \$36,471.98 \$36,471.98 |
| | | | |

Deletions:

Div 3, New Hanover County – WBS 44207 was established (06/14) for installation of bike lanes along SR 1403 (Middle Sound Loop Rd) from US-17 Bus (Market St) to SR 1916 (Red Cedar Rd); scope change in adopted Greenway plan recommendation

Div 3, New Hanover County – WBS 48857 was established (09/19) to install a signal at US-421 (Lake Park Blvd) and Hamlet Ave; funded by an alternate source

Div 7, Guilford County – WBS 47499 was established (10/17) to install sidewalks on both sides of SR 4121 (East Main St) from SR 1357 (Millis Rd) to Jamestown Parkway; funded by an alternate source

Div 11, Caldwell County – WBS 47929 was established (05/18) to upgrade Tranquil Hills Rd to minimum state standards and repair existing bridge; ROW unavailable

Div 11, Wilkes County – WBS 47634 was established (12/17) for ROW acquisition from three property owners adjacent to the Overlook on US-21; ROW unavailable

Div 12, Catawba County – WBS 45148.3.2 was established (08/12) for the construction of a rail platform and pedestrian bridge to the platform from Conover station and two pedestrian crossings. Pedestrian crossings are contingent upon budgetary constraints and Norfolk Southern approval; project deleted at the request of the City

NCDOT OCTOBER 2019 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

| | | |
|-----------------|--|------------------------------|
| Summary: | Number of Divisions | 5 |
| | Number of Projects | 15 |
| | Small Construction Commitment | \$15,526.20 |
| | Public Access Commitment | \$0.00 |
| | Contingency Commitment | \$356,471.98 |
| | Economic Development Commitment | \$0.00 |
| | High Impact/Low Cost Commitment | <u>\$1,194,191.00</u> |
| | TOTAL: | \$1,566,189.18 |

NCDOT October 2019 Board of Transportation Agenda

Public Transportation Program

| Town/County Division | Project Description | Estimated Cost |
|-------------------------|--|---|
| 7 | <p>Demonstration Grant - Furniture Market Transportation 20-DG-025 <i>The City of High Point</i> in conjunction with the High Point Market Authority is requesting funds to support transportation for the annual Fall and Spring furniture markets in High Point. The funds will be used to provide free shuttle services for market attendees from Piedmont Triad area hotels and designated park and ride lots to the Home Furnishings Market, and for circulator services in the High Point showroom district. These circulator and shuttle services will be provided by numerous private transportation providers procured and organized by the High Point Market Authority. This is a request to disburse up to \$600,000 for each market subject to appropriations by the Legislature.</p> | <p>\$1,200,000 Total \$0 Federal \$1,200,000 State \$0 Local</p> |

ITEM I - 1 SUMMARY – 1 PROJECT – (TOTAL FEDERAL AND STATE) \$ 1,200,000

NCDOT Board of Transportation Agenda
Public Transportation Program
October 2019 STIP Amendment

Estimates in thousands

ADDITION to the Transit 2018-2027STIP

| | | | | | | |
|-----------|--------------------------------|------------------------|---------|----------|-------------|-------|
| TG-6811B | ALAMANACE COUNTY | FUNDING FOR PREVENTIVE | CAPITAL | FY 2020- | \$9 | (L) |
| ALAMANACE | TRANSPORTATION | MAINTENANCE. | | FY 2020- | \$37 | (FED) |
| HF | | | | | <u>\$46</u> | |
| | <u>FUNDING ADDED TO FY 20.</u> | | | | | |

| | | | | | | |
|---------|----------------------------|-------------------------|---------|----------|-------------|-------|
| TA-6731 | ORANGE PUBLIC TRANSIT | PURCHASE NEW BUS < 30'. | CAPITAL | FY 2020- | \$11 | (L) |
| ORANGE | | | | FY 2020- | \$45 | (FED) |
| HF | | | | | <u>\$56</u> | |
| | <u>ADD FUNDS FOR FY20.</u> | | | | | |

MODIFICATION to the Transit 2018-2027STIP

| | | | | | | |
|-----------|----------------------------------|--------------------------|------------|----------|----------------|-------|
| TO-5214 | ALAMANACE COUNTY | OPERATING FOR ALAMANACE | OPERATIONS | FY 2019- | \$321 | (L) |
| ALAMANACE | TRANSPORTATION | COUNTY TRANSPORTATION IN | | FY 2019- | \$642 | (FUZ) |
| HF | | THE BURLINGTON URBAN | | FY 2020- | \$284 | (FUZ) |
| | | AREA - THROUGH NCDOT | | FY 2020- | \$284 | (L) |
| | <u>ADJUSTED FUNDING FOR FY20</u> | | | FY 2021- | \$660 | (FUZ) |
| | | | | FY 2021- | \$330 | (L) |
| | | | | FY 2022- | \$335 | (L) |
| | | | | FY 2022- | \$670 | (FUZ) |
| | | | | FY 2023- | \$340 | (L) |
| | | | | FY 2023- | \$680 | (FUZ) |
| | | | | FY 2024- | \$690 | (FUZ) |
| | | | | FY 2024- | \$345 | (L) |
| | | | | FY 2025- | \$700 | (FUZ) |
| | | | | FY 2025- | \$350 | (L) |
| | | | | FY 2026- | \$710 | (FUZ) |
| | | | | FY 2026- | \$355 | (L) |
| | | | | FY 2027- | \$360 | (L) |
| | | | | FY 2027- | \$720 | (FUZ) |
| | | | | | <u>\$8,776</u> | |

| | | | | | | |
|----------|-----------------------------|---------------------------|------------|----------|--------------|-------|
| TO-5215 | DAVIDSON COUNTY | OPERATING FUNDING FOR | | FY 2020- | \$180 | (L) |
| DAVIDSON | | DAVIDSON COUNTY | OPERATIONS | FY 2020- | \$180 | (FUZ) |
| HF | | TRANSPORATION FOR SERVICE | | | <u>\$360</u> | |
| | | IN THE HIGH POINT URBAN | | | | |
| | | AREA - THROUGH NCDOT | | | | |
| | <u>ADD FUNDING IN FY20.</u> | | | | | |

| | | | | | | |
|---------|---|-------------------------|-----------------|----------|-----------------|-----|
| TP-5160 | GO RALEIGH | ALTERNATIVES REFINEMENT | PLANNING/DESIGN | FY 2019- | \$1,360 | (L) |
| WAKE | | AND PROJECT DEVELOPMENT | | FY 2020- | \$322 | (L) |
| HF | | | RIGHT OF WAY | FY 2021- | \$510 | (L) |
| | <u>ADD ADDITIONAL FUNDING TO FY 21 AND 22 FOR ROW AND</u> | | PLANNING/DESIGN | FY 2021- | \$510 | (L) |
| | <u>CON PER REQUEST OF CAPITAL AREA MPO.</u> | | CONSTRUCTION | FY 2021- | \$9,673 | (L) |
| | | | | FY 2022- | \$9,673 | (L) |
| | | | | | <u>\$22,048</u> | |

NCDOT Board of Transportation Agenda
Public Transportation Program
October 2019 STIP Amendment

Estimates in thousands

MODIFICATION to the Transit 2018-2027 STIP

| | | | | | | |
|----------|---------------------------------|-------------------------|------------|----------|----------------|-------|
| TO-5216 | GUILFORD COUNTY | OPERATING FUNDING FOR | OPERATIONS | FY 2019- | \$35 | (L) |
| GUILFORD | TRANSPORTATION | GUILFORD COUNTY THROUGH | | FY 2019- | \$70 | (FUZ) |
| HF | | HIGH-POINT MPD | | FY 2020- | \$35 | (FUZ) |
| | <u>ADJUSTED FUNDING IN FY20</u> | | | FY 2020- | \$35 | (L) |
| | | | | FY 2021- | \$90 | (FUZ) |
| | | | | FY 2021- | \$45 | (L) |
| | | | | FY 2022- | \$50 | (L) |
| | | | | FY 2022- | \$100 | (FUZ) |
| | | | | FY 2023- | \$55 | (L) |
| | | | | FY 2023- | \$110 | (FUZ) |
| | | | | FY 2024- | \$120 | (FUZ) |
| | | | | FY 2024- | \$60 | (L) |
| | | | | FY 2025- | \$130 | (FUZ) |
| | | | | FY 2025- | \$65 | (L) |
| | | | | FY 2026- | \$140 | (FUZ) |
| | | | | FY 2026- | \$70 | (L) |
| | | | | FY 2027- | \$75 | (L) |
| | | | | FY 2027- | \$150 | (FUZ) |
| | | | | | <u>\$1,435</u> | |

ITEM I-1A SUMMARY

| | NUMBER OF | | | | |
|----------------|------------------------|-----------------------|---------------------|---------------------|----------------------|
| | <u>PROJECTS</u> | <u>FEDERAL</u> | <u>STATE</u> | <u>LOCAL</u> | <u>TOTALS</u> |
| ADDITION S | 2 | 82 | | 20 | \$102 |
| MODIFICATION S | 4 | 6881 | | 25738 | \$32,619 |
| | 6 | | | | \$32,721 |

NCDOT October 2019 Board of Transportation Agenda

Rail Program

| Town/County Division | Project Description | Estimated Cost |
|---------------------------------|----------------------------|---------------------------|
|---------------------------------|----------------------------|---------------------------|

There will be no items presented for approval at the October 3, 2019 Board of Transportation meeting.

ITEM I - 2 SUMMARY – NO PROJECTS

NCDOT October 2019 Board of Transportation Agenda

Division of Bicycle and Pedestrian Transportation

| Town/County Division | Project Description | Estimated Cost |
|---------------------------------|---|---------------------------|
| | There will be no items presented for approval at the October 3, 2019 Board of Transportation meeting. | |

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT October 2019 Board of Transportation Agenda

Aviation Program

**Division
Airport
County**

Project Description

| | |
|--|---|
| | Runway Extension & Development Study (TBD) |
| Division 3 Henderson Field Airport Pender County | This study will provide all stakeholders the needed estimates on each course of action to make the best decision on how to proceed. Five scenarios have been determined for a runway extension and road relocation project to include future development. State funds are matching a ninety percent federal investment. |
| | North Ramp Reconstruction Amendment (36244.33.14.1) |
| Division 12 Hickory Regional Airport Catawba County | This request reduces the amount of award and adds scope to include hangar replacement. Hickory has completed the insurance settlement from tornado damage and can replace both the lost hangars and damaged north ramp pavement for less than anticipated. (PR#3915) |

ITEM I-4 SUMMARY – 2 PROJECTS – (TOTAL STATE and FEDERAL REDUCTION) \$(206,870)

*Project selection and approval for award. Costs are estimated. Only eligible costs within the project scope of work will be reimbursed.

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|--|--|---------------------------|
| Currituck Co. Div. 1 R-2576 STATEWIDE/ DIVISION | WBS 34470.2.1 Mid-Currituck Bridge from Coinjock to Corolla. \$7,512,410.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. | \$785,000.00 |
| Greene Co. Div. 2 R-5812 DIVISION | WBS 46981.1.1 US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91. \$1,230,257.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project. | \$325,000.00 |
| Jones/ Onslow Cos. Divs. 2/3 R-2514D STATEWIDE | WBS 34442.2.S5 US 17 from North of NC 58 to the New Bern Bypass. \$6,591,624.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project. | \$110,000.00 |
| Pender/ Duplin Cos. Div. 3 I-5940 STATEWIDE | WBS 45883.1.1 I-40 from Duplin County Line (Milemarker 360) to west of US 117 Milemarker 390). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$115,000.00 |
| Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE | WBS 40191.1.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$10,450,302.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. | \$160,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|---|---------------------------|
| Pender/ New Hanover Cos. Div. 3 R-3300B REGIONAL | WBS 40237.1.2 US 17 from NC 210 to US 17 north of Hampstead. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$578,000.00 |
| Sampson Co. Div. 3 R-2303D STATEWIDE | WBS 34416.3.S2 NC 24 from SR 1303 (Mitchell Loop Road) to US 421 - 701/ SR 1296 (Sunset Avenue). \$61,074,551.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$2,850,000.00 |
| Statewide Div. 3 M-0488C REGIONAL | WBS 46404.1.15 Hampstead Bypass - Map Act Lawsuit. \$610,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$607,200.00 |
| Johnston Co. Div. 4 U-5795 DIVISION | WBS 44366.1.1 SR 2302 (Ricks Road) from US 70 to US 301. \$820,747.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$130,000.00 |
| Rocky Mount/ Nash Co. Div. 4 U-5026 DIVISION | WBS 44033.3.3 I-95 at SR 1770 (Sunset Avenue). Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published August 16, 2019. This is combined with U-5026 which is a BUILD NC BOND project with a principal amount of \$9,000,000.00. Bond repayment requires \$772,000.00 of State Highway Trust funds in SFY 20 through SFY 34. This project also has \$37,400,000.00 in additional State Highway Trust funds which is Cash-flowed with \$3,770,000.00 in SFY 20 and \$11,210,000.00 in SFY 21 through SFY 23. This is combined with R-5720 which is a Cash-flow project with \$849,000.00 in SFY 20 and \$5,379,000.00 in SFY 21 through SFY 23. This is a Design | \$65,966,000.00 |

Build project.

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|---|---------------------------|
| Rocky Mount/ Nash Co. Div. 4 U-5026 DIVISION | WBS 44033.2.3 I-95 at SR 1770 (Sunset Avenue). Initial funds are requested for full right of way and utilities. This is combined with R-5720: SR 1770 (Eastern Avenue) from SR 1003 (Red Oak Road) to SR 1603 (Old Carriage Road) in Rocky Mount. \$32,058,000.00 in State Highway Trust funds is requested which is Cash-flowed with \$16,197,000.00 in SFY 20 and \$15,861,000.00 in SFY 21. This is a Design-Build project. | \$32,058,000.00 |
| Wayne Co. Div. 4 U-5724 REGIONAL | WBS 54016.2.1 US 13 (Berkeley Boulevard) - realignment of SR 1709 (Central Heights Road) at Berkeley Boulevard. \$770,000.00 has previously been approved for full right of way and utilities. Additional funds are requested for Duke Energy to relocate power utilities. | \$1,112,954.00 |
| Wilson Co. Div. 4 U-6000 DIVISION | WBS 47136.1.1 NC 58 from NC 42 / SR 1516 (Ward Boulevard) to SR 1165 (Forest Hills Road). \$50,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$131,000.00 |
| Harnett/ Johnston Cos. Divs. 4/6 I-5986B STATEWIDE | WBS 47532.1.3 I-95 from SR 1001 (Long Branch Road - Exit 71) to I-40 (Exit 81). \$1,754,417.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$4,600,000.00 |
| Vance Co. Div. 5 U-5890 DIVISION | WBS 44658.1.1 SR 1162 (Dabney Drive) from Coble Boulevard to US 158 Business in Henderson. \$700,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$300,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|--|---------------------------|
| Wake Co. Div. 5 I-5968 STATEWIDE | WBS 45921.1.1 I-540 from US 70 to SR 1829 (Leesville Road) in Raleigh. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$140,000.00 |
| Wake Co. Div. 5 I-6005 STATEWIDE | WBS 47959.1.1 I-87 / US 64 / US 264 from US 64 Business (Wendell Boulevard) to US 264. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$157,000.00 |
| Statewide Div. 5 M-0488D STATEWIDE | WBS 46404.1.4 South Eastern Extension of I-540 - Map Act Lawsuit. \$825,112.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$480,000.00 |
| Wake Co. Div. 5 P-5707 REGIONAL | WBS 44643.1.1 CSX S Line. Grade separation at Rogers Road Extension Crossing (633 905Y) in Wake Forest. \$1,400,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$130,000.00 |
| Wake Co. Div. 5 R-2721 STATEWIDE | WBS 37673.2.1 Southern Wake Freeway from NC 55 South to US 401 South. \$9,345,624.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project. | \$266,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|--|---------------------------|
| Wake Co. Div. 5 R-2828 STATEWIDE | WBS 35516.2.1 Southern Wake Freeway (Future NC 540) from US 401 to I-40. \$11,879,648.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project. | \$3,342,000.00 |
| Wake Co. Div. 5 U-5307D REGIONAL | WBS 47027.2.4 US 1 from south of NC 98 to SR 1909 (Purnell Road) / SR 1931 (Harris Road) in Wake Forest. Initial funds are requested for advanced acquisition of Specific Parcel 900 (Property of God's Place, Inc.). | \$1,350,000.00 |
| Wake Co. Div. 5 U-5826 DIVISION | WBS 44398.1.1 SR 2000 (Falls of Neuse Road) from I-540 to SR 2006 (Durant Road). \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$117,000.00 |
| Columbus Co. Div. 6 R-2561CA REGIONAL | WBS 34466.3.8 NC 87 at NC 11. Initial funds are requested for right of way appraisals. | \$5,000.00 |
| Columbus Co. Div. 6 R-5819 STATEWIDE | WBS 47091.3.2 US 74 / US 76 at SR 1740 (Old Lake Road). \$15,000.00 has previously been approved in advance of construction. Additional funds are requested. | \$2,900,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|---|---------------------------|
| Cumberland Co. Div. 6 I-5986A STATEWIDE | WBS 47532.1.2 I-95 from I-95 Business (Exit 56) to SR 1001 (Long Branch Road - Exit 71). \$340,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$1,360,000.00 |
| Cumberland Co. Div. 6 R-2303A STATEWIDE | WBS 34416.3.3 NC 24 from west of SR 1006 (Maxwell Road / Clinton Road) in Cumberland County to SR 1853 (John Nunnery Road), 6.807 miles. \$69,470,050.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. | \$150,000.00 |
| Fayetteville/ Cumberland Co. Div. 6 U-2519CB STATEWIDE | WBS 34817.3.S8 Fayetteville Outer Loop from south of SR 1400 (Cliffdale Road) to east of SR 1415 (Yadkin Road). \$151,439,754.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project | \$9,500,000.00 |
| Pembroke/ Robeson Co. Div. 6 P-4900 STATEWIDE | WBS 41099.2.S1 Railroad Bypass of Pembroke to allow North to South shipments to turn East. \$3,065,407.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project. | \$231,500.00 |
| Statewide Div. 6 M-0488E STATEWIDE | WBS 46404.1.5 I-295, Fayetteville Outer Loop - Map Act Lawsuit. \$1,895,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$655,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|--|---|---------------------------|
| Guilford / Rockingham Cos. Div. 7 R-2413C STATEWIDE | WBS 34429.3.7 US 220 / Future I-73 from Haw River to the existing US 220 / NC 68 intersection (combined with R-2309AB), 4.943 miles. \$63,842,367.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. This is a Strategic Transportation Investments Transition project. | \$1,800,000.00 |
| Greensboro/ Guilford Co. Div. 7 U-2524 STATEWIDE | WBS 34820.2.1 Greensboro - Western Loop from north of I-85 to Lawndale Drive. \$1,735,471.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Funds Urban Loop project. | \$115,000.00 |
| Greensboro/ Guilford Co. Div. 7 U-2525B STATEWIDE | WBS 34821.3.S6 Greensboro Eastern Loop from north of US 70 to US 29 north of Greensboro. \$162,028,565.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$15,900,000.00 |
| Guilford Co. Div. 7 U-2581BA DIVISION | WBS 34840.3.4 US 70 from SR 3045 (Mount Hope Church Road) to SR 3175 (Birch Creek Road). Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published September 4, 2019. This is a BUILD NC BOND project with a principal amount of \$3,000,000.00. Bond repayment requires \$257,000.00 of State Highway Trust funds in SFY 20 through SFY 34. This project also has \$6,800,000.00 in additional State Highway Trust funds which is Cash-flowed with \$3,400,000.00 in SFY 20 and SFY 21. | \$10,655,000.00 |
| Guilford Co. Div. 7 U-5896 DIVISION | WBS 44674.1.2 US 29 / US 70 / Business 85 at SR 1009 (South Main Street) in High Point. \$899,894.00 has previously been approved for preliminary engineering. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project. | \$150,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|--|--|---------------------------|
| Chatham Co. Div. 8 R-5724A DIVISION | WBS 50217.3.2 US 15 / 501 from south of US 64 Business to north of US 64 Business. \$4,000,000.00 has previously been approved for construction. Funds need to be decreased (\$3,999,000.00). Project is delayed. | -\$3,999,000.00 |
| Lee Co. Div. 8 R-2417AA REGIONAL | WBS 34431.3.7 US 421 / NC 87 (Sanford Bypass) from west of SR 1400 (Cumnock Road) to west of US 1-15-501. \$38,926,213.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. | \$130,000.00 |
| Montgomery Co. Div. 8 R-2527 STATEWIDE/ REGIONAL | WBS 35572.1.1 NC 24 - 27 from NC 73 to the Troy Bypass. \$5,272,912.00 has previously been approved for preliminary engineering. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. This is a BUILD NC BOND project. | \$200,000.00 |
| Richmond Co. Div. 8 R-3421B DIVISION | WBS 34542.3.7 US 220 Bypass from 0.3 mile south of SR 1140 (Old Charlotte Highway) to 0.2 mile southwest of SR 1304 (Harrington Road). \$88,850,000.00 has previously been approved for construction. Additional funds are requested to replace BUILD NC BOND funds and due to the increased estimate of \$103,300,000.00. | \$78,800,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|---|---------------------------|
| Davidson Co. Div. 9 U-5786 DIVISION | WBS 44358.1.1 SR 1506 (Hickory Tree Road) from US 52/NC 8/Future I-285 to NC 150. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$140,000.00 |
| Davie Co. Div. 9 R-5736 DIVISION | WBS 50194.1.1 US 601 from SR 1345 (Blaise Church Road) to SR 1408 (Cana Road). \$700,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$130,000.00 |
| Statewide Div. 9 M-0488B STATEWIDE | WBS 46404.1.2 Winston-Salem Northern Beltway - Map Act Lawsuit. \$2,860,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$3,200,000.00 |
| Forsyth Co. Div. 9 R-2247 STATEWIDE | WBS 34409.1.1 Winston Salem Northern Beltway from US 158 to US 52. \$18,040,674.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project. | \$762,100.00 |
| Forsyth Co. Div. 9 R-2247D STATEWIDE/ REGIONAL | WBS 34409.2.10 Winston-Salem Northern Beltway (Western Section), north of SR 1348 (Robinhood Road - Meadowlark Drive) to NC 67. \$8,152,277.00 has previously been approved for appraisal and acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project. | \$590,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|---|---------------------------|
| Winston-Salem/ Forsyth Co. Div. 9 U-2579 STATEWIDE | WBS 34839.1.1 The Winston-Salem Northern Beltway (Eastern Section) from US 52 to US 311. \$19,688,564.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project. | \$225,000.00 |
| Winston-Salem/ Forsyth Co. Div. 9 U-2579AA REGIONAL | WBS 34839.1.7 Winston-Salem Northern Beltway Eastern Section from US 311 to I-40. \$1,300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$1,405,000.00 |
| Winston-Salem/ Forsyth Co. Div. 9 U-2579AB REGIONAL | WBS 34839.2.4 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$58,600,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project. | \$17,500,000.00 |
| Winston-Salem/ Forsyth Co. Div. 9 U-2579F STATEWIDE | WBS 34839.2.9 Winston-Salem Northern Beltway Eastern Section (Future I-74) from NC 8 to east of US 52. \$3,470,489.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project. | \$121,000.00 |
| Rowan Co. Div. 9 U-5738 DIVISION | WBS 50163.1.1 US 2528 (Julian Road) from US 601 (Jake Alexander Boulevard) to SR 2667 (Summit Park Drive) in Salisbury. \$1,100,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$130,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|--|--|---------------------------|
| Mecklenburg Co. Div. 10 U-5805 DIVISION | WBS 44377.2.1 Intersection of SR 1009 (Monroe Road) and Rama Road/Idlewild Road. Initial funds are requested for full right of way and utilities. | \$750,000.00 |
| Stanly Co. Div. 10 R-2530B REGIONAL | WBS 34446.1.6 NC 24 - 27 from Bird Road in Albemarle to west of the Pee Dee River. \$5,594,425.00 has previously been approved for preliminary engineering. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. This is a BUILD NC BOND project. | \$185,000.00 |
| Union Co. Div. 10 U-5769A REGIONAL | WBS 50182.2.1 NC 16 (Providence Road South) from SR 1316 (Rea Road Extension) to SR 1321 (Cuthbertson Road) in Weddington. Initial funds are requested for advanced acquisition of Specific Parcel 236 (Property of Fanny Corea Martinez). | \$200,000.00 |
| Watauga/ Ashe Cos. Div. 11 R-2915A REGIONAL | WBS 34518.3.6 US 221 from US 421 in Watauga County to SR 1003 (Idlewild Road) in Ashe County. \$49,801,204.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$9,200,000.00 |
| Caldwell/ Watauga Cos. Div. 11 R-2237C STATEWIDE | WBS 34402.3.7 US 321 from south of SR 1500 (Blackberry Road) to US 221 at Blowing Rock. \$90,969,036.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. This is a Strategic Transportation Investments Transition project. | \$2,100,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|---|---------------------------|
| Caldwell Co. Div. 11 U-6033 DIVISION | WBS 46967.1.1 US 64 (NC 18) and SR 1142 (Callico Road). \$147,944.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$116,000.00 |
| Watauga/ Avery Cos. Div. 11 R-2566BA DIVISION | WBS 37512.2.3 NC 105 - Construct new bridge over Watauga River and left-turn lane at SR 1112 (Broadstone Road) - within the limits of R-2566B. \$3,100,000.00 has previously been approved for full right of way and utilities. Additional funds are requested for relocation of Blue Ridge Electric Membership Corporation facilities. | \$3,000,000.00 |
| Cleveland Co. Div. 12 R-2707C STATEWIDE/ REGIONAL | WBS 34497.2.4 US 74 Bypass from west of NC 226 to west of NC 150. \$5,697,829.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. | \$658,000.00 |
| Iredell Co. Div. 12 R-2522 REGIONAL | WBS 38794.1.2 US 21 - NC 115 from Cedar Lane Avenue in Troutman to SR 1336 (Barium Loop Road) in Barium Springs. \$808,832.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. | \$140,000.00 |
| Iredell Co. Div. 12 U-5799 REGIONAL | WBS 44371.1.1 US 21 from SR 1933 to Fort Dobbs Road. \$1,343,952.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project. | \$141,100.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|--|---------------------------|
| Yancey Co. Div. 13 R-2519A REGIONAL | WBS 35609.2.1 US 19 from east of SR 1336 (Jacks Creek Road) to NC 80 in Yancey County. \$24,220,000.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. | \$183,000.00 |
| Yancey Co. Div. 13 R-2519A REGIONAL | WBS 35609.3.1 US 19 from east of SR 1336 (Jacks Creek Road) to NC 80 in Yancey County. \$54,202,049.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. | \$155,000.00 |
| Statewide M-0194 STATEWIDE | WBS 34263.1.1 Feasibility Studies by Division of Planning and Programming. \$53,300,381.00 has previously been approved for feasibility studies. Additional funds are requested. This project has previously been identified as a Trust Fund Specific State Funds for Construction project. | \$5,000,000.00 |
| Statewide M-0360 STATEWIDE/ REGIONAL/ DIVISION | WBS 36824.1.2 Design Services, statewide, preliminary engineering for miscellaneous projects. \$5,760,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Additional funds are requested using 40% Statewide (\$960,000.00) / 30% Regional (\$720,000.00) / 30% Division (\$720,000.00) Tier funding. | \$2,400,000.00 |
| Statewide M-0479 STATEWIDE/ REGIONAL/ DIVISION | WBS 46314.1.S1 Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects. \$12,030,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Additional funds are requested using 40% Statewide (\$564,000.00) / 30% Regional (\$423,000.00) / 30% Division (\$423,000.00) Tier funding. | \$1,410,000.00 |

*****Correction** and resubmission from September 5, 2019 Board Approval (Page K-13)
As reads:

| | | |
|--------------|---|-----------------|
| Richmond Co. | WBS 34542.3.7 | \$88,850,000.00 |
| Div. 8 | US 220 Bypass from 0.3 mile south of SR 1140 | |
| R-3421B | (Old Charlotte Highway) to 0.2 mile southwest of SR 1304 | |
| DIVISION | (Harrington Road). Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published August 2, 2019. This is a BUILD NC BOND project with a principal amount of \$50,800,000.00. Bond repayment requires \$4,290,000.00 of State Highway Trust funds in SFY 20 through SFY 34. This project also has \$24,500,000.00 in additional State Highway Trust funds which is Cash-flowed with \$6,125,000.00 in SFY 20 through SFY 23. | |

***The correction should be:

| | | |
|--------------|---|------------------|
| Richmond Co. | WBS 34542.3.7 | -\$64,350,000.00 |
| Div. 8 | US 220 Bypass from 0.3 mile south of SR 1140 | |
| R-3421B | (Old Charlotte Highway) to 0.2 mile southwest of SR 1304 | |
| DIVISION | (Harrington Road). Funds need to be decreased (\$64,350,000.00). BUILD NC BOND funds will not be used. | |

| | | |
|--|--------------------|-------------------------|
| STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS | 25 PROJECTS | \$56,239,600.00 |
| REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS | 16 PROJECTS | \$33,022,254.00 |
| DIVISION STRATEGIC TRANSPORTATION INVESTMENTS | 18 PROJECTS | \$124,549,000.00 |
| STATEWIDE/DIVISION TRANSPORTATION INVESTMENTS | 1 PROJECTS | \$785,000.00 |
| STATEWIDE/REGIONAL TRANSPORTATION INVESTMENTS | 3 PROJECTS | \$1,448,000.00 |
| STATEWIDE/REGIONAL/DIVISION TRANSPORTATION INVESTMENTS | 2 PROJECTS | \$3,810,000.00 |
| STRATEGIC TRANSPORTATION INVESTMENTS | 65 PROJECTS | \$219,853,854.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|---|---------------------------|
| Concord/ Cabarrus Co. Div. 10 SS-4910CY | WBS 47461.3.1 SR 1431 (Weddington Road) from approximately Bennington Drive to Lexington Drive. \$128,700.00 in construction funds has previously been approved for curve improvements. Scope needs to be revised to ditch line and crossline pipe improvements instead. No additional funds needed. File 10-17-261-1 | \$0.00 |
| Union Co. Div. 10 SS-4910CX | WBS 47460.3.1 SR 1627 (New Salem Road) at SR 1631 (Lawyers Road). \$200,000.00 in Spot Safety construction funds has previously been approved for sight distance improvements. Scope needs to be revised to All-Way Stop installation instead. No additional funds needed. File 10-17-245-2 | \$0.00 |
| McAdenville/ Gaston Co. Div. 12 SS-6012A | WBS 48934.3.1 SR 2209 (Wesleyan Drive) at US 29/74 (Wilkinson Boulevard). Initial Spot Safety construction funds are needed for pedestrian heads, crosswalks, curb ramps, and flexible delineators installation. File 12-19-210C | \$75,000.00 |
| McAdenville/ Gaston Co. Div. 12 SS-6012A | WBS 48934.1.1 SR 2209 (Wesleyan Drive) at US 29/74 (Wilkinson Boulevard). Initial Spot Safety preliminary engineering funds are needed for pedestrian heads, crosswalks, curb ramps, and flexible delineators installation. File 12-19-210P | \$5,000.00 |
| ITEM L SUMMARY | 4 PROJECTS | \$80,000.00 |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1

National Highway

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|--|--|
| Pasquotank Co. I-6029 STATEWIDE | 47978.3.GV1, NHPIM-0017(175) US 17 (Future I-87) from the Perquimans County Line to the north end of the US 17 Elizabeth City Bypass. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 16, 2019. This is a GARVEE BOND project with a principal amount of \$9,000,000.00. Repayment of the bond requires \$772,000.00 of Federal Funds in FFY20 through FFY34 and \$3,000,000.00 of State Match in both FFY20 and FFY21. | \$17,580,000.00 Cost \$11,580,000.00 Fed. \$6,000,000.00 State |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Safety

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|--|
| Brunswick Co. W-5703P STATEWIDE | 44849.3.16, HSIP-0017(179) US 17 and SR 1566 (Ploof Road) / Olde Waterford Way. Funds are needed for construction to revise traffic signal. | \$8,300.00 Cost \$7,470.00 Fed. \$830.00 State |

Rail Program

| | | |
|------------------------------------|--|--|
| Duplin Co. Y-5500CB DIVISION | 45533.1.10, RR-0332(134) Permanent Rail Crossing Closure at Plank Street and CSX Crossing #628 893W in Warsaw, along with signal revisions at CSX Crossing #642 710K in Warsaw. \$20,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$21,500.00 Cost \$17,200.00 Fed. \$4,300.00 State |
|------------------------------------|--|--|

Bicycle and Pedestrian

| | | |
|---|--|---|
| New Hanover Co. EB-6027 DIVISION | 48748.1.1, TADA-1403(017) Ogden Park Trail along SR 1403 (Middle Sound Loop Road), SR 2892 (Lendire Road), and Ogden Business Lane. \$120,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$185,000.00 Cost \$148,000.00 Fed. \$37,000.00 Local |
|---|--|---|

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Congestion Mitigation

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|--|
| Nash Co. C-5616E EXEMPT | 50060.1.6, CMAQ-0445(005) First Street Sidewalk Project - Phase I along First Street and Washington Street in Nashville. Funds are needed for preliminary engineering. | \$23,500.00 Cost \$18,800.00 Fed. \$4,700.00 Local |
| Nash Co. C-5616F EXEMPT | 50060.1.7, CMAQ-0445(006) First Street Sidewalk Project - Phase II from Washington Street to Winwood in Nashville. Funds are needed for preliminary engineering. | \$15,000.00 Cost \$12,000.00 Fed. \$3,000.00 Local |

Safety

| | | |
|-------------------------------------|---|---|
| Johnston Co. W-5204E DIVISION | 45334.1.5, HSIP-1524(006) SR 1524 (Old Drug Store Road) from SR 3416 (Fawn Hill Court) to NC 50. \$66,348.98 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$130,000.00 Cost \$117,000.00 Fed. \$13,000.00 State |
| Johnston Co. W-5704G DIVISION | 44850.1.7, HSIP-1525(013) SR 1525 (Cornwallis Road) and SR 1526 (Shiloh Road / Josephine Road). \$120,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$110,000.00 Cost \$99,000.00 Fed. \$11,000.00 State |

Bicycle and Pedestrian

| | | |
|--------------------------------------|---|--|
| Johnston Co. U-5530LA DIVISION | 44111.3.5, STPDA-0406(007) Sam's Branch Greenway - Phase I at the North O'Neil Street crossing in Clayton (combined with: U-5530LB: Sam's Branch Greenway from end of Phase I to Legend Park at City Road). \$2,136,000.00 has previously been approved for construction. Additional funds are needed as requested to complete the greenway and grade separated crossing at O'Neil Street. | \$1,239,340.00 Cost \$991,471.00 Fed. \$247,869.00 Local |
|--------------------------------------|---|--|

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Congestion Mitigation

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|--|
| Durham Co. C-5605E EXEMPT | 43725.3.6, CMAQ-0505(086) Durham Bicycle Lane Striping. Funds are needed for construction to revise pavement markings for bike lanes at various locations. | \$829,170.00 Cost \$663,336.00 Fed. \$165,834.00 Local |
| Franklin Co. C-5604QA EXEMPT | 43714.3.9, CMAQ-0531(008) Main Street Improvements along NC 96 (Main Street) in Youngsville. Funds are needed for construction to install bicycle and pedestrian streetscape improvements. | \$1,186,005.00 Cost \$948,804.00 Fed. \$126,000.00 State \$111,201.00 Local |
| Granville Co. C-5166A EXEMPT | 46232.3.3, CMS-0504(003) Eastern segment of the NC 56 Greenway in Creedmoor. \$895,379.00 has previously been approved for construction. Additional funds are needed as requested to complete the greenway system. | \$1,880,694.00 Cost \$1,504,555.00 Fed. \$376,139.00 Local |
| Granville Co. C-5166B EXEMPT | 46232.3.4, CMS-0504(004) Western segment of the NC 56 Greenway in Creedmoor. \$730,968.00 has previously been approved for construction. Additional funds are needed as requested to complete the greenway system. | \$1,019,970.00 Cost \$815,976.00 Fed. \$203,994.00 Local |
| Wake Co. C-5604FA EXEMPT | 43714.1.18, Federal No. 0532012 Beaverdam Creek Greenway between SR 2337 (Pippin Road) and Spiderlily Court in Zebulon. Funds are needed for preliminary engineering. | \$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 Local |
| Wake Co. C-5604JA EXEMPT | 43714.1.6, CMAQ-0510(009) Utley Creek Greenway Extension in Holly Springs. \$89,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$97,257.00 Cost \$77,805.00 Fed. \$19,452.00 Local |
| Wake Co. C-5604RA EXEMPT | 43714.1.13, CMAQ-0508(009) Timber Drive Sidewalk and Pedestrian Crosswalks in Garner. \$62,400.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$5,707.00 Cost \$4,565.00 Fed. \$1,142.00 Local |
| Wake Co. U-5530GA EXEMPT | 44111.3.12, STPDA-0507(010) Park-Depot Greenway Extension from Old Honeycutt Park to the South Lakes Subdivision in Fuquay-Varina. Funds are needed for construction to install greenway. | \$1,237,160.00 Cost \$989,728.00 Fed. \$247,432.00 Local |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Urban

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost | |
|---|---|--|--------------------------------|
| Wake Co. U-5529 DIVISION | 44107.3.1, STPDA-0510(008) SR 1115 (Avent Ferry Road) from west of SR 1101 (Piney Grove-Wilbon Road) to Village Walk Drive in Holly Springs. Funds are needed for construction to widen roadway and install sidewalks. | \$1,829,375.00 \$1,463,500.00 \$365,875.00 | Cost Fed. Local |
| Wake Co. U-5618 DIVISION | 47167.3.1, STBGDA-3014(004) SR 3014 (Morrisville-Carpenter Road) from SR 1613 (Davis Drive) to west of NC 54 in Morrisville. Funds are needed for construction to widen roadway to four-lane divided facility. | \$8,100,000.00 \$5,670,000.00 \$105,000.00 \$2,325,000.00 | Cost Fed. State Local |

Bridge

| | | | |
|--------------------------------|--|---|-----------------------|
| Wake Co. B-5326 DIVISION | 46040.2.1, BRZ-2555(1) Replace Bridge #247 over White Oak Creek on SR 2555. \$402,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested. | \$450,000.00 \$360,000.00 \$90,000.00 | Cost Fed. State |
|--------------------------------|--|---|-----------------------|

Safety

| | | | |
|-----------------------------------|---|---|-----------------------|
| Durham Co. W-5705U REGIONAL | 44851.3.21, HSIP-0070(220) US 70 Business (Morgan Street) at the Carolina Theatre entrance in Durham. Funds are needed for construction to revise traffic signals. | \$20,000.00 \$16,000.00 \$4,000.00 | Cost Fed. State |
| Wake Co. W-5601EX REGIONAL | 50138.2.155, HSIP-0042(066) NC 42 from SR 5330 (Field Hill Road) to SR 5367 (Winterton Drive). Funds are needed for full right of way and utilities. | \$230,000.00 \$207,000.00 \$23,000.00 | Cost Fed. State |

Rural

| | | | |
|-------------------------------------|--|---|-----------------------|
| Divisionwide R-5785E DIVISION | 44915.3.6, TAP-0505(097) ADA Ramps (Americans with Disabilities Act) for areas with populations < 5,000 in Franklin, Granville, Vance and Warren Counties. Funds are needed for construction to install curb ramps and retrofit existing ramps. | \$240,000.00 \$192,000.00 \$48,000.00 | Cost Fed. State |
|-------------------------------------|--|---|-----------------------|

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Rural

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost | |
|---|--|--|-----------------------|
| Divisionwide R-5785F DIVISION | 44915.3.7, TAP-0505(098) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000 in Franklin, Granville, Vance and Warren Counties. Funds are needed for construction to install curb ramps and retrofit existing ramps. | \$150,000.00 \$120,000.00 \$30,000.00 | Cost Fed. State |
| Wake Co. R-5785G DIVISION | 44915.3.8, TAP-0505(100) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000 in Rolesville, Wake Forest and Wendell. Funds are needed for construction to install curb ramps and retrofit existing ramps. | \$630,000.00 \$504,000.00 \$126,000.00 | Cost Fed. State |
| Wake Co. R-5785H DIVISION | 44915.3.9, TAP-0505(101) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000 in Apex, Cary and Fuquay-Varina. Funds are needed for construction to install curb ramps and retrofit existing ramps. | \$850,000.00 \$680,000.00 \$170,000.00 | Cost Fed. State |
| Wake Co. R-5785I DIVISION | 44915.3.10, TAP-0505(102) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000 in Garner. Funds are needed for construction to install curb ramps and retrofit existing ramps. | \$930,000.00 \$744,000.00 \$186,000.00 | Cost Fed. State |

Bicycle and Pedestrian

| | | | |
|------------------------------------|--|---|-----------------------|
| Durham Co. EB-6033I DIVISION | 48778.4.10, TAP-00SS(072) Safe Routes to School Community Outreach, Education and Evaluation Initiatives in Durham County. Funds are needed for program implementation. | \$229,499.00 \$183,599.00 \$45,900.00 | Cost Fed. Local |
| Vance Co. EB-6033J DIVISION | 48778.4.11, TAP-00SS(073) Safe Routes to School Community Outreach, Education and Evaluation Initiatives in Vance County. Funds are needed for program implementation. | \$240,000.00 \$192,000.00 \$48,000.00 | Cost Fed. Local |
| Wake Co. EB-6021 DIVISION | 48818.1.1, Federal No. 0520125 Beaver Creek Greenway extension from Kelly Road Park to Apex Nature Park in Apex. Funds are needed for preliminary engineering. | \$10,000.00 \$8,000.00 \$2,000.00 | Cost Fed. Local |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Congestion Mitigation

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|---|
| Guilford Co. C-5555E EXEMPT | 45540.2.6, CMS-1546(021) SR 1546 (College Road) and SR 2179 (New Garden Road) in Greensboro. \$145,369.00 has previously been approved for right of way and utilities. Additional funds are needed as requested. | \$176,135.00 Cost \$140,908.00 Fed. \$35,227.00 Local |

Rail Program

| | | |
|--------------------------------------|--|---|
| Guilford Co. Z-5700GC DIVISION | 44803.3.41, RR-0710(038) Railway-Highway Grade Crossing Safety Project at Ogden Street and Norfolk Southern Crossing #713 784A in High Point. Funds are needed for construction to revise crossing signals and gates. | \$420,000.00 Cost \$378,000.00 Fed. \$42,000.00 Local |
|--------------------------------------|--|---|

Bicycle and Pedestrian

| | | |
|-------------------------------------|--|---|
| Guilford Co. U-5532A DIVISION | 46297.2.2, TAP-0708(69) Aycock Street and Walker Avenue Pedestrian Improvements in Greensboro. \$21,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested. | \$74,023.00 Cost \$59,218.00 Fed. \$14,805.00 Local |
|-------------------------------------|--|---|

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

Safety

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|--|
| Hoke Co. SS-4908BV DIVISION | 47939.1.1, HSIP-1408(003) SR 1408 (Club Pond Road) 0.3 mile north of SR 1406 (Rockfish Road). \$2,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$13,000.00 Cost \$11,700.00 Fed. \$1,300.00 State |

Rail Program

| | | |
|---|---|---|
| Montgomery Co. Z-5700HE DIVISION | 44803.3.38, RR-1402(013) Railway-Highway Grade Crossing Safety Project at SR 1402 (Owen Street) and Aberdeen Carolina & Western Railway (ACWR) Crossing #466 028E in Star. Funds are needed for construction to revise crossing signals and gates. | \$350,000.00 Cost \$315,000.00 Fed. \$35,000.00 State |
|---|---|---|

Bicycle and Pedestrian

| | | |
|----------------------------------|---|---|
| Hoke Co. EB-6033H DIVISION | 48778.4.9, TAP-00SS(071) Safe Routes to School Community Outreach, Education and Evaluation Initiatives in Hoke County. Funds are needed for program implementation. | \$240,000.00 Cost \$192,000.00 Fed. \$48,000.00 Local |
|----------------------------------|---|---|

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9

Congestion Mitigation

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|--|--|
| Forsyth Co. C-5620H EXEMPT | 43740.3.7, CMAQ-0918(125) Meadowlark Drive from Country Club Road to Robinhood Road in Winston-Salem. Funds are needed for construction to install pedestrian facilities and left turn lanes. | \$1,836,353.00 Cost \$1,469,082.00 Fed. \$367,271.00 Local |
| Rowan Co. C-5160 EXEMPT | 46225.3.3, CMS-0914(31) Newsome Road Bike Lane Project in Salisbury. Funds are needed for construction to install bike lanes. | \$1,646,250.00 Cost \$1,317,000.00 Fed. \$329,250.00 Local |
| Rowan Co. C-5603H EXEMPT | 43713.1.8, CMAQ-0914(036) Brenner Avenue from Statesville Boulevard to West Horah Street, and Brenner Avenue at Link Avenue in Salisbury. \$55,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$107,200.00 Cost \$85,760.00 Fed. \$21,440.00 Local |

Rural

| | | |
|-------------------------------------|--|--|
| Divisionwide R-5789F DIVISION | 44919.3.7, TAP-0918(122) ADA Ramps (Americans with Disabilities Act) for areas with populations < 5,000. Funds are needed for construction to install curb ramps and retrofit existing ramps. | \$877,350.00 Cost \$701,880.00 Fed. \$175,470.00 State |
| Divisionwide R-5789G DIVISION | 44919.3.8, TAP-0918(123) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000. Funds are needed for construction to install curb ramps and retrofit existing ramps. | \$2,900,000.00 Cost \$2,320,000.00 Fed. \$580,000.00 State |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9 (Continued)

Bicycle and Pedestrian

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost | |
|---|---|--|-----------------------|
| Forsyth Co. EB-5722 DIVISION | 50418.1.1, STBG-TAP-0067(012) NC 67 (Silas Creek Parkway) from Bolton Street to Lockland Avenue in Winston-Salem. Funds are needed for preliminary engineering. | \$520,751.00 \$416,601.00 \$104,150.00 | Cost Fed. Local |
| Forsyth Co. EB-5810 DIVISION | 44662.1.2, STBG-TAP-0918(116) Barbara Jane Avenue from Old Greensboro Road to Woodrow Powell Drive in Winston-Salem. Funds are needed for preliminary engineering. | \$60,000.00 \$48,000.00 \$12,000.00 | Cost Fed. Local |
| Forsyth Co. EB-5952 DIVISION | 48428.1.1, BGANY-0067(013) Fairlawn Drive from NC 67 (Reynolda Road) to SR 1528 (Silas Creek Parkway) in Winston-Salem. Funds are needed for preliminary engineering. | \$271,700.00 \$217,360.00 \$54,340.00 | Cost Fed. Local |
| Forsyth Co. EB-5953 DIVISION | 48429.1.1, STBG-4000(002) SR 4000 (University Parkway) from SR 1686 (Shattalon Drive) to Robin Wood Lane in Winston-Salem. Funds are needed for preliminary engineering. | \$182,720.00 \$146,176.00 \$36,544.00 | Cost Fed. Local |
| Forsyth Co. EB-5954 DIVISION | 48430.1.1, BGANY-0918(119) Griffith Road from Kimwell Drive to Burke Mill Road in Winston-Salem. Funds are needed for preliminary engineering. | \$472,219.00 \$377,775.00 \$94,444.00 | Cost Fed. Local |
| Forsyth Co. EB-5955 DIVISION | 48431.1.1, BGANY-1348(004) SR 1348 (Robinhood Road) from Speaks Farm Road to Muddy Creek Greenway in Winston-Salem. Funds are needed for preliminary engineering. | \$70,500.00 \$56,400.00 \$14,100.00 | Cost Fed. Local |
| Forsyth Co. EB-5957 DIVISION | 48433.1.1, STBG-2648(001) Old Winston Road Sidewalk Extensions along SR 2648 (Old Winston Road) from Hopkins Road to the existing sidewalk across from Seventh Day Adventist Church in Kernersville. Funds are needed for preliminary engineering. | \$76,078.00 \$60,862.00 \$15,216.00 | Cost Fed. Local |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9 (Continued)

Bicycle and Pedestrian

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|--|--|
| Forsyth Co. U-6154 DIVISION | 48436.1.1, Federal No. 1308017 SR 1308 (Lewisville-Vienna Road) and SR 1348 (Robinhood Road) in Lewisville. Funds are needed for preliminary engineering. | \$120,000.00 Cost \$96,000.00 Fed. \$24,000.00 Local |
| Forsyth Co. U-6155 DIVISION | 48437.1.1, Federal No. 0918126 SR 1725 (University Parkway) and Coliseum Drive in Winston-Salem. Funds are needed for preliminary engineering. | \$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 Local |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

Interstate

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|--|
| Mecklenburg Co. I-5904 STATEWIDE | 45887.3.GV1, NHPIM-0485(051) I-485 in Mecklenburg County from Milemarker 43 to Milemarker 49. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 16, 2019. This is a GARVEE BOND project with a principal amount of \$9,100,000.00. Repayment of the bond requires \$780,933.00 of Federal Funds in FFY20 through FFY33 and \$780,938.00 in FFY34; with State Match of \$1,516,000.00 in FFY20 and \$1,517,000.00 in FFY21. This project also includes \$867,000.00 of National Highway Performance Program (NHPP) funds (including state match) in FFY20. | \$15,614,000.00 Cost \$12,407,600.00 Fed. \$3,206,400.00 State |

Congestion Mitigation

| | | |
|--|--|---|
| Cabarrus Co. C-5603G EXEMPT | 43713.3.7, CMAQ-1004(074) SR 2894 (Bruton Smith Boulevard) and Weddington Road in Concord. Funds are needed for construction to install turn lanes and revise pavement markings. | \$177,100.00 Cost \$141,680.00 Fed. \$35,420.00 Local |
| Mecklenburg Co. C-5613BE EXEMPT | 43735.3.9, CMAQ-1003(158) Mallard Creek Road ITS and Traffic Management Upgrades along Mallard Creek Road from Harris Boulevard to Governor Hunt Road in Charlotte. Funds are needed for construction to install fiber optic cable, communication devices and traffic management cameras. | \$200,000.00 Cost \$158,000.00 Fed. \$42,000.00 Local |

Bridge

| | | |
|---------------------------------|--|--|
| Anson Co. B-5809 DIVISION | 45763.2.1, BRZ-1142(012) Replace Bridge #75 over North Fork Jones Creek on SR 1142. Funds are needed for full right of way and utilities. | \$105,000.00 Cost \$84,000.00 Fed. \$21,000.00 State |
|---------------------------------|--|--|

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Safety

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|--|--|--|
| Mecklenburg Co. W-5601FK DIVISION | 50138.2.168, HSIP-2802(001) SR 2802 (Rocky River Road) at SR 2826 (Hood Road) and SR 2827 (Back Creek Church Road). \$35,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested. | \$151,000.00 Cost \$135,900.00 Fed. \$15,100.00 State |
| Mecklenburg Co. W-5601FK DIVISION | 50138.1.168, HSIP-2802(001) SR 2802 (Rocky River Road) at SR 2826 (Hood Road) and SR 2827 (Back Creek Church Road). \$53,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$22,000.00 Cost \$19,800.00 Fed. \$2,200.00 State |
| Mecklenburg Co. W-5710X DIVISION | 44856.1.24, HSIP-2042(002) Various safety improvements along SR 2042 (Oakdale Road), SR 2108 (Sunset Boulevard), SR 2025 (Miranda Road), and SR 2040 (Lawing Road) near Charlotte. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$503,750.00 Cost \$336,000.00 Fed. \$167,750.00 Local |
| Mecklenburg Co. W-5710X DIVISION | 44856.2.24, HSIP-2042(002) Various safety improvements along SR 2042 (Oakdale Road), SR 2108 (Sunset Boulevard), SR 2025 (Miranda Road), and SR 2040 (Lawing Road) near Charlotte. Funds are needed for full right of way and utilities. | \$1,261,687.00 Cost \$841,125.00 Fed. \$420,562.00 Local |

Rural

| | | |
|--------------------------------------|---|--|
| Divisionwide R-5790JF DIVISION | 44920.3.14, TAP-00SS(060) ADA Ramps (Americans with Disabilities Act) for areas with populations < 5,000 in Cabarrus, Anson and Stanly Counties. Funds are needed for construction to install curb ramps and retrofit existing ramps. | \$280,000.00 Cost \$224,000.00 Fed. \$31,600.00 State \$24,400.00 Local |
|--------------------------------------|---|--|

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Bicycle and Pedestrian

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost | |
|---|---|--|-----------------------|
| Cabarrus Co. EB-5903 DIVISION | 47347.3.1, TAPDA-1004(069) Union Street Sidewalk Extension from Tulip Avenue to Cumberland Court in Concord. Funds are needed for construction to install sidewalks. | \$400,000.00 \$320,000.00 \$80,000.00 | Cost Fed. Local |
| Mecklenburg Co. EB-5785 DIVISION | 46431.1.1, BGDA-1007(038) McDowell Creek Greenway from NC 73 to Chilgrove Lane in Huntersville. Funds are needed for preliminary engineering. | \$5,000.00 \$4,000.00 \$1,000.00 | Cost Fed. Local |
| Mecklenburg Co. EB-5820 DIVISION | 44840.3.1, TAPDA-1003(150) Charlotte "B-Cycle" Bike-Share Facility Expansion. Funds are needed for construction to install bike-share stations at various locations. | \$562,500.00 \$450,000.00 \$112,500.00 | Cost Fed. Local |
| Mecklenburg Co. EB-5929 DIVISION | 47694.1.1, STBGDA-1003(161) Belk Greenway Connector from East Stonewall Street to South Kings Drive in Charlotte. \$184,350.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$611,429.00 \$428,000.00 \$183,429.00 | Cost Fed. Local |
| Union Co. EB-5723 DIVISION | 50419.1.1, TAP-0074(212) Indian Trail Multi-Use Pathway along US 74 from SR 1520 (Indian Trail Fairview Road) to SR 1367 (Unionville Indian Trail Road), and the South Fork Crooked Creek Greenway from SR 1367 (Unionville Indian Trail Road) to Oakwood Lane. \$145,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$1,046,250.00 \$837,000.00 \$209,250.00 | Cost Fed. Local |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11

Bicycle and Pedestrian

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|---------------------------|
| Caldwell Co. | 46457.2.1, STPDA-0321(036) | \$50,000.00 Cost |
| EB-5806 | Hospital Avenue from Harper Avenue to US 321 (Blowing | \$40,000.00 Fed. |
| DIVISION | Rock Boulevard). Funds are needed for full right of way and utilities. | \$10,000.00 Local |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12

Congestion Mitigation

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|---|
| Catawba Co. C-5195 EXEMPT | 46247.3.3, CMS-1207(008) Claremont Sidewalks along various routes in Claremont. \$450,000.00 has previously been approved for construction. Additional funds are needed as requested to install sidewalks. | \$281,000.00 Cost \$224,800.00 Fed. \$56,200.00 Local |
| Catawba Co. C-5624 EXEMPT | 46405.1.1, CMAQ-1143(023) Pedestrian Improvements along First Street in Conover. Funds are needed for preliminary engineering. | \$491,250.00 Cost \$393,000.00 Fed. \$98,250.00 Local |
| Gaston Co. C-5606B EXEMPT | 43728.1.3, CMAQ-0161(024) NC 161 Sidewalk and Crosswalk Project in Bessemer City. \$93,126.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. | \$66,874.00 Cost \$52,830.00 Fed. \$14,044.00 Local |
| Gaston Co. C-5606M EXEMPT | 43728.1.13, Federal No. 0114002 Neal Hawkins Road Sidewalk Improvements in Gastonia. Funds are needed for preliminary engineering. | \$312,500.00 Cost \$250,000.00 Fed. \$62,500.00 Local |
| Gaston Co. C-5703 REGIONAL | 48320.1.1, CMAQ-1213(039) Gastonia Signal System Upgrades. Funds are needed for preliminary engineering. | \$2,044,000.00 Cost \$1,635,200.00 Fed. \$378,140.00 State \$30,660.00 Local |

Urban

| | | |
|-------------------------------------|---|---|
| Catawba Co. U-4700A STATEWIDE | 35993.2.GV6, NHP-0321(039) US 321 from US 70 in Hickory to US 321A (combined with: B-4450: Replace Bridge #367 over the Catawba River on US 321). Funds are needed for full right of way and utilities. This is a GARVEE BOND project with a principal amount of \$30,000,000.00. Repayment of the bond requires \$2,574,000.00 of Federal funds in FFY19 through FFY33 and \$10,000,000.00 of State Match funds in FFY20. This project also includes \$4,500,000.00 of National Highway Performance Program (NHPP) funds (including state match) in FFY20. | \$53,110,000.00 Cost \$42,210,000.00 Fed. \$10,900,000.00 State |
|-------------------------------------|---|---|

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13

Urban

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|--|
| Buncombe Co. U-5019B DIVISION | 41503.3.2, STBGDA-1302(085) French Broad River West Bank Greenway between Haywood Road Bridge and French Broad River Park in Asheville. Funds are needed for construction to install greenway. | \$5,000,000.00 Cost \$4,000,000.00 Fed. \$1,000,000.00 Local |

Rural

| | | |
|--------------------------------------|---|--|
| Divisionwide R-5793GA DIVISION | 44923.3.14, Federal No. 1302091 ADA Ramps (Americans with Disabilities Act) for areas with populations < 5,000 in Buncombe, Madison and Yancey Counties. Funds are needed for construction to install curb ramps and retrofit existing ramps. | \$635,000.00 Cost \$508,000.00 Fed. \$127,000.00 State |
| Divisionwide R-5793HA DIVISION | 44923.3.16, Federal No. 1302093 ADA Ramps (Americans with Disabilities Act) for areas with populations < 5,000 in Burke, McDowell, Mitchell and Rutherford Counties. Funds are needed for construction to install curb ramps and retrofit existing ramps. | \$440,000.00 Cost \$352,000.00 Fed. \$88,000.00 State |

Bicycle and Pedestrian

| | | |
|--|---|--|
| Buncombe Co. EB-5822 DIVISION | 44991.1.1, STBGDA-0251(039) North River Arts District (RAD) Greenway along Riverside Drive from Hill Street to Broadway Avenue in Asheville. Funds are needed for preliminary engineering. | \$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 Local |
| Burke Co./ Catawba Co. EB-5939 DIVISION | 48181.3.1, STBGDA-1143(017) Riverwalk Trail from Old Lenoir Road in Hickory to the end of the proposed Rosales Bridge over the Catawba River. Funds are needed for construction to install multi-use path. | \$2,500,000.00 Cost \$2,000,000.00 Fed. \$500,000.00 Local |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Bicycle and Pedestrian

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|--|---|
| Jackson Co. EB-6033B DIVISION | 48778.4.3, TAP-00SS(065) Safe Routes to School Community Outreach, Education and Evaluation Initiatives in Jackson County. Funds are needed for program implementation. | \$240,000.00 Cost \$192,000.00 Fed. \$48,000.00 Local |

**NCDOT October 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Planning and Research

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|---|
| Statewide M-0482G STATEWIDE | 50145.1.7, Federal No. 00SS097 FY 2019 State Transportation Innovation Council (STIC) Allocation for Advanced Collaboration Technologies. Funds are needed as requested for research and evaluation. | \$62,500.00 Cost \$50,000.00 Fed. \$12,500.00 State |
| Statewide R-4436EL STATEWIDE | 34625.1.73, Federal No. 00SS098 National Stormwater Practitioners' Peer Exchange Workshop. Funds are needed to host the national forum. | \$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 1

| | | | | | |
|---------------|---|--------------|-----------|------------------|--------|
| * W-5801DIV | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| MARTIN | LOCATIONS IN DIVISION 1. | | FY 2021 - | \$30,000 | (HSIP) |
| PASQUOTANK | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| PERQUIMANS | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| TYRRELL | | | FY 2021 - | \$180,000 | (HSIP) |
| HYDE | | | FY 2022 - | <u>\$180,000</u> | (HSIP) |
| NORTHAMPTON | | | | \$630,000 | |
| BERTIE | | | | | |
| CURRITUCK | | | | | |
| CAMDEN | | | | | |
| DARE | | | | | |
| HERTFORD | | | | | |
| WASHINGTON | | | | | |
| CHOWAN | | | | | |
| GATES | | | | | |
| PROJ.CATEGORY | | | | | |
| DIVISION | | | | | |

| | | | | | |
|---------------|---|--------------|-----------|------------------|--------|
| * W-5801REG | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| CAMDEN | LOCATIONS IN DIVISION 1. | | FY 2021 - | \$30,000 | (HSIP) |
| HERTFORD | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| WASHINGTON | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| TYRRELL | | | FY 2021 - | \$180,000 | (HSIP) |
| PERQUIMANS | | | FY 2022 - | <u>\$180,000</u> | (HSIP) |
| PASQUOTANK | | | | \$630,000 | |
| NORTHAMPTON | | | | | |
| HYDE | | | | | |
| CHOWAN | | | | | |
| GATES | | | | | |
| DARE | | | | | |
| BERTIE | | | | | |
| MARTIN | | | | | |
| CURRITUCK | | | | | |
| PROJ.CATEGORY | | | | | |
| REGIONAL | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 1

| | | | | | |
|---------------|--|--------------|-----------|------------------|--------|
| * W-5801SW | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$40,000 | (HSIP) |
| WASHINGTON | LOCATIONS IN DIVISION 1. | | FY 2021 - | \$40,000 | (HSIP) |
| DARE | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$40,000 | (HSIP) |
| TYRRELL | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$240,000 | (HSIP) |
| PASQUOTANK | | | FY 2021 - | \$240,000 | (HSIP) |
| NORTHAMPTON | | | FY 2022 - | \$240,000 | (HSIP) |
| HYDE | | | | <u>\$840,000</u> | |
| HERTFORD | | | | | |
| PERQUIMANS | | | | | |
| CURRITUCK | | | | | |
| CAMDEN | | | | | |
| GATES | | | | | |
| MARTIN | | | | | |
| BERTIE | | | | | |
| CHOWAN | | | | | |
| PROJ.CATEGORY | | | | | |
| STATEWIDE | | | | | |

DIVISION 2

| | | | | | |
|---------------|--|--------------|-----------|------------------|--------|
| * W-5802DIV | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| LENOIR | LOCATIONS IN DIVISION 2. | | FY 2021 - | \$30,000 | (HSIP) |
| GREENE | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| JONES | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| CARTERET | | | FY 2021 - | \$180,000 | (HSIP) |
| BEAUFORT | | | FY 2022 - | \$180,000 | (HSIP) |
| PITT | | | | <u>\$630,000</u> | |
| CRAVEN | | | | | |
| PAMLICO | | | | | |
| PROJ.CATEGORY | | | | | |
| DIVISION | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 2

| | | | | | |
|---------------|---|--------------|-----------|------------------|--------|
| * W-5802REG | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| GREENE | LOCATIONS IN DIVISION 2. | | FY 2021 - | \$30,000 | (HSIP) |
| PAMLICO | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| LENOIR | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| BEAUFORT | | | FY 2021 - | \$180,000 | (HSIP) |
| JONES | | | FY 2022 - | <u>\$180,000</u> | (HSIP) |
| CRAVEN | | | | \$630,000 | |
| CARTERET | | | | | |
| PITT | | | | | |
| PROJ.CATEGORY | | | | | |
| REGIONAL | | | | | |

| | | | | | |
|---------------|---|--------------|-----------|------------------|--------|
| * W-5802SW | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$40,000 | (HSIP) |
| BEAUFORT | LOCATIONS IN DIVISION 2. | | FY 2021 - | \$40,000 | (HSIP) |
| CARTERET | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$40,000 | (HSIP) |
| CRAVEN | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$240,000 | (HSIP) |
| PITT | | | FY 2021 - | \$240,000 | (HSIP) |
| JONES | | | FY 2022 - | <u>\$240,000</u> | (HSIP) |
| GREENE | | | | \$840,000 | |
| LENOIR | | | | | |
| PAMLICO | | | | | |
| PROJ.CATEGORY | | | | | |
| STATEWIDE | | | | | |

DIVISION 3

| | | | | | |
|---------------|--|--------------|-----------|-----------------|--------|
| * EB-6039 | CAROLINA BEACH, CONSTRUCT BIKE LANES ALONG | ENGINEERING | FY 2020 - | \$59,000 | (TADA) |
| NEW HANOVER | ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE | | FY 2020 - | \$15,000 | (L) |
| PROJ.CATEGORY | PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA | CONSTRUCTION | FY 2021 - | \$333,000 | (TADA) |
| DIVISION | BEACH. | | FY 2021 - | <u>\$83,000</u> | (L) |
| | <u>PROJECT ADDED AT REQUEST OF MPO.</u> | | | \$490,000 | |

| | | | | | |
|---------------|--|--------------|-----------|------------------|--------|
| * U-6233 | CAROLINA BEACH, CONSTRUCT NEW TRAFFIC SIGNAL | ENGINEERING | FY 2020 - | \$2,000 | (S) |
| NEW HANOVER | AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT | | FY 2020 - | \$6,000 | (BGDA) |
| PROJ.CATEGORY | THE INTERSECTION OF US 421 (LAKE PARK | RIGHT-OF-WAY | FY 2020 - | \$10,000 | (S) |
| DIVISION | BOULEVARD) AND HAMLET AVENUE IN CAROLINA | | FY 2020 - | \$40,000 | (BGDA) |
| | BEACH. | CONSTRUCTION | FY 2021 - | \$42,000 | (S) |
| | <u>PROJECT ADDED AT REQUEST OF MPO. 'S' FUNDS</u> | | FY 2021 - | <u>\$170,000</u> | (BGDA) |
| | <u>REPRESENT STATE HIGHWAY FUNDS.</u> | | | \$270,000 | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 3

| | | | | | |
|---------------|--|--------------|-----------|------------------|--------|
| * U-6234 | WILMINGTON, WILMINGTON MULTI-MODAL | ENGINEERING | FY 2020 - | \$192,000 | (BGDA) |
| NEW HANOVER | TRANSPORTATION CENTER PHASE 1B. | | FY 2020 - | \$48,000 | (L) |
| PROJ.CATEGORY | <u>PROJECT ADDED AT REQUEST OF MPO.</u> | CONSTRUCTION | FY 2021 - | \$1,168,000 | (BGDA) |
| DIVISION | | | FY 2021 - | <u>\$292,000</u> | (L) |
| | | | | \$1,700,000 | |

| | | | | | |
|---------------|--|--------------|-----------|------------------|--------|
| * U-6235 | WILMINGTON, TRAFFIC SIGNAL PRE-EMPTION FOR | ENGINEERING | FY 2020 - | \$390,000 | (BGDA) |
| NEW HANOVER | EMERGENCY VEHICLES PROJECT. | | FY 2020 - | \$97,000 | (L) |
| PROJ.CATEGORY | <u>PROJECT ADDED AT REQUEST OF MPO.</u> | CONSTRUCTION | FY 2021 - | \$627,000 | (BGDA) |
| DIVISION | | | FY 2021 - | <u>\$157,000</u> | (L) |
| | | | | \$1,271,000 | |

| | | | | | |
|---------------|--|--------------|-----------|------------------|--------|
| * U-6236 | WILMINGTON, WEST SALISBURY STREET | CONSTRUCTION | FY 2020 - | \$636,000 | (BGDA) |
| NEW HANOVER | STREETSCAPE PROJECT. | | FY 2020 - | <u>\$273,000</u> | (L) |
| PROJ.CATEGORY | <u>PROJECT ADDED AT REQUEST OF MPO.</u> | | | \$909,000 | |
| DIVISION | | | | | |

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * W-5803DIV | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| SAMPSON | LOCATIONS IN DIVISION 3. | | FY 2021 - | \$30,000 | (HSIP) |
| NEW HANOVER | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| BRUNSWICK | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| DUPLIN | | | FY 2021 - | \$180,000 | (HSIP) |
| PENDER | | | FY 2022 - | \$180,000 | (HSIP) |
| ONSLOW | | | | \$630,000 | |
| PROJ.CATEGORY | | | | | |
| DIVISION | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 3

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5803REG | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| DUPLIN | LOCATIONS IN DIVISION 3. | | FY 2021 - | \$30,000 | (HSIP) |
| PENDER | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| ONslow | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| NEW HANOVER | | | FY 2021 - | \$180,000 | (HSIP) |
| BRUNSWICK | | | FY 2022 - | \$180,000 | (HSIP) |
| SAMPSON | | | | | |
| PROJ.CATEGORY | | | | | |
| REGIONAL | | | | \$630,000 | |

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5803SW | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$40,000 | (HSIP) |
| NEW HANOVER | LOCATIONS IN DIVISION 3. | | FY 2021 - | \$40,000 | (HSIP) |
| BRUNSWICK | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$40,000 | (HSIP) |
| SAMPSON | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$240,000 | (HSIP) |
| DUPLIN | | | FY 2021 - | \$240,000 | (HSIP) |
| ONslow | | | FY 2022 - | \$240,000 | (HSIP) |
| PENDER | | | | | |
| PROJ.CATEGORY | | | | \$840,000 | |
| STATEWIDE | | | | | |

DIVISION 4

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * P-5100 | GOLDSBORO UNION STATION - HISTORIC 1909 | | | | |
| WAYNE | TRANSPORTATION FACILITY. CONVERT STATION AND | | | | |
| PROJ.CATEGORY | VICINITY INTO A MULTI-MODAL TRANSPORTATION | | | | |
| EXEMPT | CENTER. | | | | |
| | <u>PROJECT ADDED BACK TO STIP TO COMPLETE</u> | | | | |
| | <u>ADDITIONAL PRELIMINARY ENGINEERING ACTIVITIES.</u> | | | | |
| | <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u> | | | | |
| | <u>STUDIES ONLY.</u> | | | | |
| * W-5804DIV | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| NASH | LOCATIONS IN DIVISION 4. | | FY 2021 - | \$30,000 | (HSIP) |
| WAYNE | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| HALIFAX | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| WILSON | | | FY 2021 - | \$180,000 | (HSIP) |
| EDGEcombe | | | FY 2022 - | \$180,000 | (HSIP) |
| JOHNSTON | | | | | |
| PROJ.CATEGORY | | | | \$630,000 | |
| DIVISION | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 4

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5804REG | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| EDGEcombe | LOCATIONS IN DIVISION 4. | | FY 2021 - | \$30,000 | (HSIP) |
| WAYNE | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| WILSON | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| NASH | | | FY 2021 - | \$180,000 | (HSIP) |
| HALIFAX | | | FY 2022 - | \$180,000 | (HSIP) |
| JOHNSTON | | | | | |
| PROJ.CATEGORY | | | | \$630,000 | |
| REGIONAL | | | | | |

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5804SW | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$40,000 | (HSIP) |
| HALIFAX | LOCATIONS IN DIVISION 4. | | FY 2021 - | \$40,000 | (HSIP) |
| WILSON | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$40,000 | (HSIP) |
| WAYNE | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$240,000 | (HSIP) |
| NASH | | | FY 2021 - | \$240,000 | (HSIP) |
| JOHNSTON | | | FY 2022 - | \$240,000 | (HSIP) |
| EDGEcombe | | | | | |
| PROJ.CATEGORY | | | | \$840,000 | |
| STATEWIDE | | | | | |

DIVISION 5

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5805DIV | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| VANCE | DIVISION 5. | | FY 2021 - | \$30,000 | (HSIP) |
| GRANVILLE | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| PERSON | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| FRANKLIN | | | FY 2021 - | \$180,000 | (HSIP) |
| WARREN | | | FY 2022 - | \$180,000 | (HSIP) |
| WAKE | | | | | |
| DURHAM | | | | \$630,000 | |
| PROJ.CATEGORY | | | | | |
| DIVISION | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 5

| | | | | | |
|---------------|---|--------------|-----------|------------------|--------|
| * W-5805REG | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| DURHAM | DIVISION 5. | | FY 2021 - | \$30,000 | (HSIP) |
| WAKE | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| PERSON | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| WARREN | | | FY 2021 - | \$180,000 | (HSIP) |
| GRANVILLE | | | FY 2022 - | \$180,000 | (HSIP) |
| VANCE | | | | <u>\$630,000</u> | |
| FRANKLIN | | | | | |
| PROJ.CATEGORY | | | | | |
| REGIONAL | | | | | |

| | | | | | |
|---------------|---|--------------|-----------|------------------|--------|
| * W-5805SW | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| FRANKLIN | DIVISION 5. | | FY 2021 - | \$30,000 | (HSIP) |
| WAKE | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| PERSON | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| GRANVILLE | | | FY 2021 - | \$180,000 | (HSIP) |
| DURHAM | | | FY 2022 - | \$180,000 | (HSIP) |
| VANCE | | | | <u>\$630,000</u> | |
| WARREN | | | | | |
| PROJ.CATEGORY | | | | | |
| STATEWIDE | | | | | |

DIVISION 6

| | | | | | |
|---------------|---|--------------|-----------|------------------|--------|
| * W-5806DIV | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| COLUMBUS | LOCATIONS IN DIVISION 6. | | FY 2021 - | \$30,000 | (HSIP) |
| HARNETT | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| CUMBERLAND | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| ROBESON | | | FY 2021 - | \$180,000 | (HSIP) |
| BLADEN | | | FY 2022 - | \$180,000 | (HSIP) |
| PROJ.CATEGORY | | | | <u>\$630,000</u> | |
| DIVISION | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 6

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5806REG | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| HARNETT | LOCATIONS IN DIVISION 6. | | FY 2021 - | \$30,000 | (HSIP) |
| BLADEN | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| ROBESON | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| CUMBERLAND | | | FY 2021 - | \$180,000 | (HSIP) |
| COLUMBUS | | | FY 2022 - | \$180,000 | (HSIP) |
| PROJ.CATEGORY | | | | \$630,000 | |
| REGIONAL | | | | | |

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5806SW | VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS | RIGHT-OF-WAY | FY 2020 - | \$40,000 | (HSIP) |
| COLUMBUS | LOCATIONS IN DIVISION 6. | | FY 2021 - | \$40,000 | (HSIP) |
| BLADEN | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$40,000 | (HSIP) |
| HARNETT | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$240,000 | (HSIP) |
| CUMBERLAND | | | FY 2021 - | \$240,000 | (HSIP) |
| ROBESON | | | FY 2022 - | \$240,000 | (HSIP) |
| PROJ.CATEGORY | | | | \$840,000 | |
| STATEWIDE | | | | | |

DIVISION 7

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5807DIV | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| CASWELL | DIVISION 7. | | FY 2021 - | \$30,000 | (HSIP) |
| GUILFORD | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| ROCKINGHAM | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| ALAMANCE | | | FY 2021 - | \$180,000 | (HSIP) |
| ORANGE | | | FY 2022 - | \$180,000 | (HSIP) |
| PROJ.CATEGORY | | | | \$630,000 | |
| DIVISION | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 7

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * W-5807REG | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| ALAMANCE | DIVISION 7. | | FY 2021 - | \$30,000 | (HSIP) |
| GUILFORD | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| ROCKINGHAM | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| CASWELL | | | FY 2021 - | \$180,000 | (HSIP) |
| ORANGE | | | FY 2022 - | \$180,000 | (HSIP) |
| PROJ.CATEGORY | | | | \$630,000 | |
| REGIONAL | | | | | |

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * W-5807SW | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| CASWELL | DIVISION 7. | | FY 2021 - | \$30,000 | (HSIP) |
| ALAMANCE | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| GUILFORD | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| ROCKINGHAM | | | FY 2021 - | \$180,000 | (HSIP) |
| ORANGE | | | FY 2022 - | \$180,000 | (HSIP) |
| PROJ.CATEGORY | | | | \$630,000 | |
| STATEWIDE | | | | | |

DIVISION 8

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * W-5808DIV | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| CHATHAM | DIVISION 8. | | FY 2021 - | \$30,000 | (HSIP) |
| MONTGOMERY | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| MOORE | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| LEE | | | FY 2021 - | \$180,000 | (HSIP) |
| RICHMOND | | | FY 2022 - | \$180,000 | (HSIP) |
| SCOTLAND | | | | \$630,000 | |
| RANDOLPH | | | | | |
| HOKE | | | | | |
| PROJ.CATEGORY | | | | | |
| DIVISION | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 8

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5808REG | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| LEE | DIVISION 8. | | FY 2021 - | \$30,000 | (HSIP) |
| CHATHAM | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| RANDOLPH | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| MOORE | | | FY 2021 - | \$180,000 | (HSIP) |
| SCOTLAND | | | FY 2022 - | \$180,000 | (HSIP) |
| RICHMOND | | | | | |
| HOKE | | | | \$630,000 | |
| MONTGOMERY | | | | | |
| PROJ.CATEGORY | | | | | |
| REGIONAL | | | | | |

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5808SW | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| HOKE | DIVISION 8. | | FY 2021 - | \$30,000 | (HSIP) |
| RANDOLPH | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| LEE | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| RICHMOND | | | FY 2021 - | \$180,000 | (HSIP) |
| SCOTLAND | | | FY 2022 - | \$180,000 | (HSIP) |
| CHATHAM | | | | | |
| MOORE | | | | \$630,000 | |
| MONTGOMERY | | | | | |
| PROJ.CATEGORY | | | | | |
| STATEWIDE | | | | | |

DIVISION 9

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5809DIV | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| DAVIDSON | DIVISION 9. | | FY 2021 - | \$30,000 | (HSIP) |
| FORSYTH | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| DAVIE | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| ROWAN | | | FY 2021 - | \$180,000 | (HSIP) |
| STOKES | | | FY 2022 - | \$180,000 | (HSIP) |
| PROJ.CATEGORY | | | | \$630,000 | |
| DIVISION | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 9

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5809REG | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| ROWAN | DIVISION 9. | | FY 2021 - | \$30,000 | (HSIP) |
| FORSYTH | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| DAVIE | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| DAVIDSON | | | FY 2021 - | \$180,000 | (HSIP) |
| STOKES | | | FY 2022 - | \$180,000 | (HSIP) |
| PROJ.CATEGORY | | | | \$630,000 | |
| REGIONAL | | | | | |

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5809SW | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| DAVIDSON | DIVISION 9. | | FY 2021 - | \$30,000 | (HSIP) |
| FORSYTH | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| ROWAN | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| STOKES | | | FY 2021 - | \$180,000 | (HSIP) |
| DAVIE | | | FY 2022 - | \$180,000 | (HSIP) |
| PROJ.CATEGORY | | | | \$630,000 | |
| STATEWIDE | | | | | |

DIVISION 10

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5810DIV | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| ANSON | DIVISION 10. | | FY 2021 - | \$30,000 | (HSIP) |
| UNION | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| STANLY | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| MECKLENBURG | | | FY 2021 - | \$180,000 | (HSIP) |
| CABARRUS | | | FY 2022 - | \$180,000 | (HSIP) |
| PROJ.CATEGORY | | | | \$630,000 | |
| DIVISION | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 10

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * W-5810REG | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| ANSON | DIVISION 10. | | FY 2021 - | \$30,000 | (HSIP) |
| CABARRUS | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| UNION | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| STANLY | | | FY 2021 - | \$180,000 | (HSIP) |
| MECKLENBURG | | | FY 2022 - | \$180,000 | (HSIP) |
| PROJ.CATEGORY | | | | | |
| REGIONAL | | | | \$630,000 | |

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * W-5810SW | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$40,000 | (HSIP) |
| ANSON | DIVISION 10. | | FY 2021 - | \$40,000 | (HSIP) |
| CABARRUS | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$40,000 | (HSIP) |
| MECKLENBURG | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$240,000 | (HSIP) |
| UNION | | | FY 2021 - | \$240,000 | (HSIP) |
| STANLY | | | FY 2022 - | \$240,000 | (HSIP) |
| PROJ.CATEGORY | | | | | |
| STATEWIDE | | | | \$840,000 | |

DIVISION 11

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * W-5811DIV | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| WILKES | DIVISION 11. | | FY 2021 - | \$30,000 | (HSIP) |
| WATAUGA | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| SURRY | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| CALDWELL | | | FY 2021 - | \$180,000 | (HSIP) |
| ASHE | | | FY 2022 - | \$180,000 | (HSIP) |
| ALLEGHANY | | | | | |
| YADKIN | | | | \$630,000 | |
| AVERY | | | | | |
| PROJ.CATEGORY | | | | | |
| DIVISION | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 11

| | | | | | |
|---------------|--|--------------|-----------|------------------|--------|
| * W-5811REG | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| CALDWELL | DIVISION 11. | | FY 2021 - | \$30,000 | (HSIP) |
| YADKIN | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| ASHE | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| ALLEGHANY | | | FY 2021 - | \$180,000 | (HSIP) |
| SURRY | | | FY 2022 - | \$180,000 | (HSIP) |
| WILKES | | | | <u>\$630,000</u> | |
| WATAUGA | | | | | |
| AVERY | | | | | |
| PROJ.CATEGORY | | | | | |
| REGIONAL | | | | | |

| | | | | | |
|---------------|--|--------------|-----------|------------------|--------|
| * W-5811SW | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$40,000 | (HSIP) |
| SURRY | DIVISION 11. | | FY 2021 - | \$40,000 | (HSIP) |
| WATAUGA | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$40,000 | (HSIP) |
| WILKES | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$240,000 | (HSIP) |
| CALDWELL | | | FY 2021 - | \$240,000 | (HSIP) |
| ASHE | | | FY 2022 - | \$240,000 | (HSIP) |
| YADKIN | | | | <u>\$840,000</u> | |
| AVERY | | | | | |
| ALLEGHANY | | | | | |
| PROJ.CATEGORY | | | | | |
| STATEWIDE | | | | | |

DIVISION 12

| | | | | | |
|---------------|---|--------------|-----------|---------------------|-----|
| * EB-6038 | HICKORY - 9TH STREET NW & 11TH STREET NW MULTI- | ENGINEERING | FY 2020 - | \$1,764,205 | (O) |
| CATAWBA | USE TRAIL & US 321 MULTI-USE, CONSTRUCT MULTI- | | FY 2020 - | \$288,214 | (L) |
| PROJ.CATEGORY | USE TRAIL FROM OLD LENOIR ROAD MULTI-USE TO | RIGHT-OF-WAY | FY 2020 - | \$238,226 | (O) |
| EXEMPT | HICKORY REGIONAL AIRPORT ALONG CLEMENT | | FY 2020 - | \$259,302 | (L) |
| | BOULEVARD, 13TH AVENUE DRIVE NW, AND 19TH | CONSTRUCTION | FY 2020 - | \$754,509 | (O) |
| | STREET LANE NW (INCLUDES CONSTRUCTION OF | | FY 2020 - | \$206,282 | (L) |
| | BIKE/PED BRIDGE OVER US 321), AND CONSTRUCT | | FY 2021 - | \$4,778,556 | (O) |
| | MULTI-USE TRAIL FROM 9TH STREET NW ALONG MAIN | | FY 2021 - | \$1,306,451 | (L) |
| | AVENUE NW TO 11TH STREET NW AND ALONG 11TH | | FY 2022 - | \$4,778,556 | (O) |
| | STREET NW TO OLD LENOIR ROAD. | | FY 2022 - | \$1,306,451 | (L) |
| | <u>PROJECT ADDED AT REQUEST OF MPO. FEDERAL</u> | | FY 2023 - | \$4,778,556 | (O) |
| | <u>BUILD GRANT PROJECT.</u> | | FY 2023 - | \$1,306,451 | (L) |
| | | | | <u>\$21,765,759</u> | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 12

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5812DIV | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| IREDELL | DIVISION 12. | | FY 2021 - | \$30,000 | (HSIP) |
| CATAWBA | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| LINCOLN | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| CLEVELAND | | | FY 2021 - | \$180,000 | (HSIP) |
| GASTON | | | FY 2022 - | \$180,000 | (HSIP) |
| ALEXANDER | | | | | |
| PROJ.CATEGORY | | | | \$630,000 | |
| DIVISION | | | | | |

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5812REG | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| CLEVELAND | DIVISION 12. | | FY 2021 - | \$30,000 | (HSIP) |
| GASTON | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| ALEXANDER | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| IREDELL | | | FY 2021 - | \$180,000 | (HSIP) |
| LINCOLN | | | FY 2022 - | \$180,000 | (HSIP) |
| CATAWBA | | | | | |
| PROJ.CATEGORY | | | | \$630,000 | |
| REGIONAL | | | | | |

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| * W-5812SW | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$40,000 | (HSIP) |
| IREDELL | DIVISION 12. | | FY 2021 - | \$40,000 | (HSIP) |
| LINCOLN | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$40,000 | (HSIP) |
| CLEVELAND | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$240,000 | (HSIP) |
| GASTON | | | FY 2021 - | \$240,000 | (HSIP) |
| CATAWBA | | | FY 2022 - | \$240,000 | (HSIP) |
| ALEXANDER | | | | | |
| PROJ.CATEGORY | | | | \$840,000 | |
| STATEWIDE | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 13

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * W-5813DIV | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| MADISON | DIVISION 13 | | FY 2021 - | \$30,000 | (HSIP) |
| MITCHELL | . | | FY 2022 - | \$30,000 | (HSIP) |
| YANCEY | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| McDOWELL | <u>PREVIOUSLY PROGRAMMED.</u> | | FY 2021 - | \$180,000 | (HSIP) |
| RUTHERFORD | | | FY 2022 - | \$180,000 | (HSIP) |
| BUNCOMBE | | | | | |
| BURKE | | | | \$630,000 | |
| PROJ.CATEGORY | | | | | |
| DIVISION | | | | | |

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * W-5813REG | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| BURKE | DIVISION 13 | | FY 2021 - | \$30,000 | (HSIP) |
| BUNCOMBE | . | | FY 2022 - | \$30,000 | (HSIP) |
| MADISON | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| RUTHERFORD | <u>PREVIOUSLY PROGRAMMED.</u> | | FY 2021 - | \$180,000 | (HSIP) |
| MITCHELL | | | FY 2022 - | \$180,000 | (HSIP) |
| McDOWELL | | | | \$630,000 | |
| YANCEY | | | | | |
| PROJ.CATEGORY | | | | | |
| REGIONAL | | | | | |

| | | | | | |
|---------------|---|--------------|-----------|-----------|--------|
| * W-5813SW | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$40,000 | (HSIP) |
| YANCEY | DIVISION 13. | | FY 2021 - | \$40,000 | (HSIP) |
| RUTHERFORD | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$40,000 | (HSIP) |
| McDOWELL | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$240,000 | (HSIP) |
| MITCHELL | | | FY 2021 - | \$240,000 | (HSIP) |
| BURKE | | | FY 2022 - | \$240,000 | (HSIP) |
| MADISON | | | | \$840,000 | |
| BUNCOMBE | | | | | |
| PROJ.CATEGORY | | | | | |
| STATEWIDE | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 14

| | | | | | |
|---------------|---|--------------|-----------|------------------|--------|
| * W-5814DIV | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| POLK | DIVISION 14. | | FY 2021 - | \$30,000 | (HSIP) |
| HENDERSON | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| CLAY | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| GRAHAM | | | FY 2021 - | \$180,000 | (HSIP) |
| HAYWOOD | | | FY 2022 - | \$180,000 | (HSIP) |
| CHEROKEE | | | | <u>\$630,000</u> | |
| MACON | | | | | |
| TRANSYLVANIA | | | | | |
| SWAIN | | | | | |
| JACKSON | | | | | |
| PROJ.CATEGORY | | | | | |
| DIVISION | | | | | |

| | | | | | |
|---------------|---|--------------|-----------|------------------|--------|
| * W-5814REG | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$30,000 | (HSIP) |
| GRAHAM | DIVISION 14. | | FY 2021 - | \$30,000 | (HSIP) |
| CLAY | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$30,000 | (HSIP) |
| CHEROKEE | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$180,000 | (HSIP) |
| MACON | | | FY 2021 - | \$180,000 | (HSIP) |
| POLK | | | FY 2022 - | \$180,000 | (HSIP) |
| TRANSYLVANIA | | | | <u>\$630,000</u> | |
| HAYWOOD | | | | | |
| HENDERSON | | | | | |
| SWAIN | | | | | |
| JACKSON | | | | | |
| PROJ.CATEGORY | | | | | |
| REGIONAL | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 14

| | | | | | |
|---------------|---|--------------|-----------|------------------|--------|
| * W-5814SW | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN | RIGHT-OF-WAY | FY 2020 - | \$40,000 | (HSIP) |
| MACON | DIVISION 14. | | FY 2021 - | \$40,000 | (HSIP) |
| CLAY | <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u> | | FY 2022 - | \$40,000 | (HSIP) |
| HAYWOOD | <u>PREVIOUSLY PROGRAMMED.</u> | CONSTRUCTION | FY 2020 - | \$240,000 | (HSIP) |
| TRANSYLVANIA | | | FY 2021 - | \$240,000 | (HSIP) |
| SWAIN | | | FY 2022 - | \$240,000 | (HSIP) |
| POLK | | | | <u>\$840,000</u> | |
| GRAHAM | | | | | |
| CHEROKEE | | | | | |
| HENDERSON | | | | | |
| JACKSON | | | | | |
| PROJ.CATEGORY | | | | | |
| STATEWIDE | | | | | |

STATEWIDE

| | | | | | |
|---------------|--|-------------|-----------|--------------------|--------|
| * W-5715DIV | VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY. | ENGINEERING | FY 2020 - | \$450,000 | (HSIP) |
| STATEWIDE | <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u> | | FY 2021 - | \$450,000 | (HSIP) |
| PROJ.CATEGORY | <u>MOBILITY AND SAFETY DIVISION.</u> | | FY 2022 - | \$450,000 | (HSIP) |
| DIVISION | | | 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 | (HSIP) |
| | | | | <u>\$4,500,000</u> | |

| | | | | | |
|---------------|--|-------------|-----------|--------------------|--------|
| * W-5715REG | VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY. | ENGINEERING | FY 2020 - | \$450,000 | (HSIP) |
| STATEWIDE | <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u> | | FY 2021 - | \$450,000 | (HSIP) |
| PROJ.CATEGORY | <u>MOBILITY AND SAFETY DIVISION.</u> | | FY 2022 - | \$450,000 | (HSIP) |
| REGIONAL | | | 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 | (HSIP) |
| | | | | <u>\$4,500,000</u> | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP ADDITIONS

STATEWIDE

| | | | | | |
|---------------|--|-------------|-----------|------------------|--------|
| * W-5715SW | VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY. | ENGINEERING | FY 2020 - | \$600,000 | (HSIP) |
| STATEWIDE | <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u> | | FY 2021 - | \$600,000 | (HSIP) |
| PROJ.CATEGORY | <u>MOBILITY AND SAFETY DIVISION.</u> | | FY 2022 - | \$600,000 | (HSIP) |
| STATEWIDE | | | FY 2023 - | \$600,000 | (HSIP) |
| | | | FY 2024 - | \$600,000 | (HSIP) |
| | | | FY 2025 - | \$600,000 | (HSIP) |
| | | | FY 2026 - | \$600,000 | (HSIP) |
| | | | FY 2027 - | \$600,000 | (HSIP) |
| | | | FY 2028 - | \$600,000 | (HSIP) |
| | | | FY 2029 - | <u>\$600,000</u> | (HSIP) |
| | | | | \$6,000,000 | |

| | | | | | |
|---------------|--|-------------|-----------|--------------------|--------|
| * W-5716DIV | VARIOUS, SAFETY MANAGEMENT PROGRAM, | ENGINEERING | FY 2020 - | \$1,650,000 | (HSIP) |
| STATEWIDE | PROJECT IDENTIFICATION, ANALYSIS AND | | FY 2021 - | \$1,650,000 | (HSIP) |
| PROJ.CATEGORY | PRELIMINARY ENGINEERING. | | FY 2022 - | \$1,650,000 | (HSIP) |
| DIVISION | <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u> | | FY 2023 - | \$1,650,000 | (HSIP) |
| | <u>MOBILITY AND SAFETY DIVISION.</u> | | FY 2024 - | \$1,650,000 | (HSIP) |
| | | | FY 2025 - | \$1,650,000 | (HSIP) |
| | | | FY 2026 - | \$1,650,000 | (HSIP) |
| | | | FY 2027 - | \$1,650,000 | (HSIP) |
| | | | FY 2028 - | \$1,650,000 | (HSIP) |
| | | | FY 2029 - | <u>\$1,650,000</u> | (HSIP) |
| | | | | \$16,500,000 | |

| | | | | | |
|---------------|--|-------------|-----------|--------------------|--------|
| * W-5716REG | VARIOUS, SAFETY MANAGEMENT PROGRAM, | ENGINEERING | FY 2020 - | \$1,650,000 | (HSIP) |
| STATEWIDE | PROJECT IDENTIFICATION, ANALYSIS AND | | FY 2021 - | \$1,650,000 | (HSIP) |
| PROJ.CATEGORY | PRELIMINARY ENGINEERING. | | FY 2022 - | \$1,650,000 | (HSIP) |
| REGIONAL | <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u> | | FY 2023 - | \$1,650,000 | (HSIP) |
| | <u>MOBILITY AND SAFETY DIVISION.</u> | | FY 2024 - | \$1,650,000 | (HSIP) |
| | | | FY 2025 - | \$1,650,000 | (HSIP) |
| | | | FY 2026 - | \$1,650,000 | (HSIP) |
| | | | FY 2027 - | \$1,650,000 | (HSIP) |
| | | | FY 2028 - | \$1,650,000 | (HSIP) |
| | | | FY 2029 - | <u>\$1,650,000</u> | (HSIP) |
| | | | | \$16,500,000 | |

| | | | | | |
|---------------|--|-------------|-----------|--------------------|--------|
| * W-5716SW | VARIOUS, SAFETY MANAGEMENT PROGRAM, | ENGINEERING | FY 2020 - | \$2,200,000 | (HSIP) |
| STATEWIDE | PROJECT IDENTIFICATION, ANALYSIS AND | | FY 2021 - | \$2,200,000 | (HSIP) |
| PROJ.CATEGORY | PRELIMINARY ENGINEERING. | | FY 2022 - | \$2,200,000 | (HSIP) |
| STATEWIDE | <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u> | | FY 2023 - | \$2,200,000 | (HSIP) |
| | <u>MOBILITY AND SAFETY DIVISION.</u> | | FY 2024 - | \$2,200,000 | (HSIP) |
| | | | FY 2025 - | \$2,200,000 | (HSIP) |
| | | | FY 2026 - | \$2,200,000 | (HSIP) |
| | | | FY 2027 - | \$2,200,000 | (HSIP) |
| | | | FY 2028 - | \$2,200,000 | (HSIP) |
| | | | FY 2029 - | <u>\$2,200,000</u> | (HSIP) |
| | | | | \$22,000,000 | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP ADDITIONS

STATEWIDE

| | | | | | |
|---------------|---|-------------|-----------|--------------------|--------|
| * W-5717DIV | VARIOUS, HIGHWAY SYSTEM DATA COLLECTION. | ENGINEERING | FY 2020 - | \$150,000 | (HSIP) |
| STATEWIDE | <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u> | | FY 2021 - | \$150,000 | (HSIP) |
| PROJ.CATEGORY | <u>MOBILITY AND SAFETY DIVISION.</u> | | FY 2022 - | \$150,000 | (HSIP) |
| DIVISION | | | 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) |
| | | | | <u>\$1,500,000</u> | |

| | | | | | |
|---------------|---|-------------|-----------|--------------------|--------|
| * W-5717REG | VARIOUS, HIGHWAY SYSTEM DATA COLLECTION. | ENGINEERING | FY 2020 - | \$150,000 | (HSIP) |
| STATEWIDE | <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u> | | FY 2021 - | \$150,000 | (HSIP) |
| PROJ.CATEGORY | <u>MOBILITY AND SAFETY DIVISION.</u> | | FY 2022 - | \$150,000 | (HSIP) |
| REGIONAL | | | 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) |
| | | | | <u>\$1,500,000</u> | |

| | | | | | |
|---------------|---|-------------|-----------|--------------------|--------|
| * W-5717SW | VARIOUS, HIGHWAY SYSTEM DATA COLLECTION. | ENGINEERING | FY 2020 - | \$200,000 | (HSIP) |
| STATEWIDE | <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u> | | FY 2021 - | \$200,000 | (HSIP) |
| PROJ.CATEGORY | <u>MOBILITY AND SAFETY DIVISION.</u> | | FY 2022 - | \$200,000 | (HSIP) |
| STATEWIDE | | | 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) |
| | | | | <u>\$2,000,000</u> | |

STIP MODIFICATIONS

DIVISION 4

| | | | | | |
|---------------|---|--------------|-----------|---------------------|--------|
| B-5980 | SR 1522 (HALIFAX ROAD), REPLACE BRIDGE 630203 | RIGHT-OF-WAY | FY 2020 - | \$2,000,000 | (NHPB) |
| NASH | OVER I-95. | CONSTRUCTION | FY 2020 - | \$17,700,000 | (NHPB) |
| PROJ.CATEGORY | <u>TO STRATEGICALLY BALANCE LETTINGS, DELAY</u> | | | <u>\$19,700,000</u> | |
| STATEWIDE | <u>CONSTRUCTION FROM FY 19 TO FY 20.</u> | | | | |

**REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

| | | | | | |
|---------------|--|--------------|-----------|-----------|--------|
| EB-6019 | SR 1306 (LAURA DUNCAN ROAD), APEX COMMUNITY | CONSTRUCTION | FY 2021 - | \$388,000 | (BGDA) |
| WAKE | PARK AND NORTH SALEM STREET IN APEX. IMPROVE | | FY 2021 - | \$166,000 | (L) |
| PROJ.CATEGORY | SAFETY OF PEDESTRIAN CROSSING. | | | \$554,000 | |
| DIVISION | <u>TO REFLECT CURRENT CITY DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 20 TO FY 21.</u> | | | | |

| | | | | | |
|---------------|--|--------------|-----------|-------------|--------|
| EB-6021 | BEAVER CREEK GREENWAY EXTENSION, KELLY ROAD | CONSTRUCTION | FY 2021 - | \$1,053,000 | (TADA) |
| WAKE | PARK TO APEX NATURE PARK IN APEX. GREENWAY | | FY 2021 - | \$5,512,000 | (L) |
| PROJ.CATEGORY | EXTENSION. REALIGN ADJACENT SEGMENT OF | | | \$6,565,000 | |
| DIVISION | EXISTING BEAVER CREEK GREENWAY. | | | | |
| | <u>TO REFLECT CURRENT CITY DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 20 TO FY 21.</u> | | | | |

| | | | | | |
|---------------|--|--------------|-----------|-------------|--------|
| U-6225 | SR 2700 (WHITE OAK RD), SR 2709 (ACKERMAN RD), SR | RIGHT-OF-WAY | FY 2020 - | \$56,000 | (BGDA) |
| WAKE | 2547 (HEBRON CHURCH RD) AND SR 2700 (WHITE OAK | | FY 2020 - | \$19,000 | (L) |
| PROJ.CATEGORY | RD) IN GARNER IMPROVE INTERSECTION. ADD | CONSTRUCTION | FY 2021 - | \$1,560,000 | (BGDA) |
| DIVISION | MULTILANE ROUNDABOUT. | | FY 2021 - | \$520,000 | (L) |
| | | | | \$2,155,000 | |
| | <u>TO REFLECT CURRENT CITY DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 20 TO FY 21.</u> | | | | |

DIVISION 7

| | | | | | |
|---------------|--|---------|-----------|-------------|--------|
| TD-5279 | GREENSBORO TRANSIT AUTHORITY, RENOVATION OF | CAPITAL | FY 2020 - | \$270,000 | (T) |
| GUILFORD | J. DOUGLAS GAYLON DEPOT | | FY 2020 - | \$270,000 | (L) |
| PROJ.CATEGORY | <u>TO REFLECT CURRENT CITY DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u> | | FY 2020 - | \$960,000 | (FBUS) |
| DIVISION | | | | \$1,500,000 | |

DIVISION 9

| | | | | | |
|---------------|---|--------------|-----------|-------------|---------|
| I-5952A | I-40, BRIDGE REHABILITATION. | CONSTRUCTION | FY 2021 - | \$2,516,000 | (NHPIM) |
| FORSYTH | <u>PROJECT TO BE LET WITH I-5795. TO ALLOW TIME TO COMPLETE A REVISED PLANNING DOCUMENT, DELAY CONSTRUCTION FROM FY 20 TO FY 21 AT REQUEST OF DIVISION OFFICE.</u> | | | \$2,516,000 | |
| PROJ.CATEGORY | | | | | |
| STATEWIDE | | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

| | | | | | |
|---------------|---|----------------|-----------|--------------|---------|
| U-4714B | SR 1009 (JOHN STREET-OLD MONROE ROAD), WEST | RIGHT-OF-WAY | FY 2020 - | \$8,200,000 | (BGANY) |
| UNION | OF MORNINGSIDE MEADOW LANE TO EAST OF SR | | FY 2020 - | \$10,000,000 | (O) |
| PROJ.CATEGORY | 1377 (WESLEY CHAPEL-STOUTS ROAD) | | FY 2021 - | \$8,200,000 | (BGANY) |
| DIVISION | <u>TO ALLOW TIME FOR PROJECT TO BE EVALUATED</u> | BUILD NC CONST | FY 2022 - | \$1,716,000 | (T) |
| | <u>THROUGH CRTPO'S DISCRETIONARY PROJECTS</u> | | FY 2023 - | \$1,716,000 | (T) |
| | <u>PROCESS, DELAY RIGHT-OF-WAY FROM FY 19 TO FY</u> | | FY 2024 - | \$1,716,000 | (T) |
| | <u>20.</u> | | FY 2025 - | \$1,716,000 | (T) |
| | | | FY 2026 - | \$1,716,000 | (T) |
| | | | FY 2027 - | \$1,716,000 | (T) |
| | | | FY 2028 - | \$1,716,000 | (T) |
| | | | FY 2029 - | \$1,716,000 | (T) |
| | | | POST YR- | \$12,012,000 | (T) |
| | | CONSTRUCTION | FY 2022 - | \$400,000 | (T) |
| | | | FY 2023 - | \$400,000 | (T) |
| | | | FY 2024 - | \$400,000 | (T) |
| | | | | \$53,340,000 | |

| | | | | | |
|---------------|--|--------------|-----------|-------------|--------|
| U-5987 | INDIAN TRAIL, UNIONVILLE-INDIAN TRAIL ROAD AND | CONSTRUCTION | FY 2020 - | \$1,680,000 | (CMAQ) |
| UNION | SARDIS ROAD. CONSTRUCT INTERSECTION | | FY 2020 - | \$560,000 | (L) |
| PROJ.CATEGORY | IMPROVEMENTS. | | | \$2,240,000 | |
| DIVISION | <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u> | | | | |
| | <u>DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20</u> | | | | |

DIVISION 12

| | | | | | |
|---------------|--|--------------|-----------|-------------|--------|
| EB-5787 | MOORESVILLE, BELLINGHAM PARK GREENWAY | CONSTRUCTION | FY 2020 - | \$3,555,000 | (BGDA) |
| IREDELL | EXTENSION TO JOHNSON DAIRY ROAD. CONSTRUCT | | FY 2020 - | \$889,000 | (L) |
| PROJ.CATEGORY | GREENWAY. | | | \$4,444,000 | |
| DIVISION | <u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 20</u> | | | | |
| | <u>AT REQUEST OF MPO</u> | | | | |

DIVISION 13

| | | | | | |
|---------------|--|--------------|-----------|-------------|---------|
| B-5876 | US 74, REPLACE BRIDGE 800083 AND BRIDGE 800084 | CONSTRUCTION | FY 2021 - | \$4,950,000 | (BGLT5) |
| RUTHERFORD | OVER SECOND BROAD RIVER. | | FY 2022 - | \$4,950,000 | (BGLT5) |
| PROJ.CATEGORY | <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u> | | | \$9,900,000 | |
| STATEWIDE | <u>CONSTRUCTION FROM FY 20 TO FY 21</u> | | | | |

| | | | | | |
|---------------|--|--------------|-----------|-----------|---------|
| B-6015 | SR 1913 (SUGAR LOAF ROAD), REPLACE BRIDGE | RIGHT-OF-WAY | FY 2021 - | \$100,000 | (BGOFF) |
| BURKE | 110237 OVER ROCK CREEK. | CONSTRUCTION | FY 2021 - | \$700,000 | (BGOFF) |
| PROJ.CATEGORY | <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u> | | | \$800,000 | |
| DIVISION | <u>DESIGN DELAY RIGHT-OF-WAY FROM FY 20 TO FY 21</u> | | | | |
| | <u>AND CONSTRUCTION FROM FY 20 TO FY 21</u> | | | | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 13

| | | | | | |
|---------------|--|--------------|-----------|-----------|---------|
| B-6018 | SR 1296 (BROOKS BRANCH ROAD), REPLACE BRIDGE | RIGHT-OF-WAY | FY 2021 - | \$55,000 | (BGOFF) |
| BUNCOMBE | 100536 OVER NEWFOUND CREEK. | CONSTRUCTION | FY 2021 - | \$700,000 | (BGOFF) |
| PROJ.CATEGORY | | | | \$755,000 | |
| DIVISION | <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 20 TO FY 21 AND CONSTRUCTION FROM FY 20 TO FY 21</u> | | | | |

| | | | | | |
|---------------|--|--------------|-----------|-------------|---------|
| EB-5978 | COLLEGE STREET MULTIMODAL CONNECTOR, NORTH | RIGHT-OF-WAY | FY 2020 - | \$80,000 | (TAANY) |
| BURKE | GREEN STREET TO US 70 IN MORGANTON. | | FY 2020 - | \$20,000 | (L) |
| PROJ.CATEGORY | CONSTRUCT MULTI-USE PATH. | CONSTRUCTION | FY 2021 - | \$2,320,000 | (TAANY) |
| DIVISION | | | FY 2021 - | \$580,000 | (L) |
| | | | | \$3,000,000 | |
| | <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21</u> | | | | |

| | | | | | |
|---------------|---|---------------|--------------|--------------|-------|
| * I-4400C | I-26, US 25 BUSINESS (EXIT 44) TO NC 280 (EXIT 40) | GARVEE CONSTR | FY 2020 - | \$4,290,000 | (NHP) |
| HENDERSON | <u>GARVEE BOND FUNDING - SEGMENT C: \$50,000,000 FOR CONSTRUCTION, PAYBACK FY 2019-2033.</u> | | FY 2021 - | \$4,290,000 | (NHP) |
| BUNCOMBE | | | FY 2022 - | \$4,290,000 | (NHP) |
| PROJ.CATEGORY | | | FY 2023 - | \$4,290,000 | (NHP) |
| REGIONAL | | | FY 2024 - | \$4,290,000 | (NHP) |
| | | | FY 2025 - | \$4,290,000 | (NHP) |
| | | | FY 2026 - | \$4,290,000 | (NHP) |
| | | | FY 2027 - | \$4,290,000 | (NHP) |
| | | | FY 2028 - | \$4,290,000 | (NHP) |
| | | | FY 2029 - | \$4,290,000 | (NHP) |
| | | | POST YR- | \$17,160,000 | (NHP) |
| | | | \$60,060,000 | | |

| | | | | | |
|---------------|--|---------------|--------------|--------------|-------------|
| I-6063 | I-40, MILEMARKER 50 TO MILEMARKER 55. PAVEMENT | GARVEE CONSTR | FY 2020 - | \$901,000 | (NHPIM) |
| BUNCOMBE | REHABILITATION. | | FY 2021 - | \$901,000 | (NHPIM) |
| PROJ.CATEGORY | <u>TO ASSIST WITH BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 19 TO FY 20</u> | | FY 2022 - | \$901,000 | (NHPIM) |
| STATEWIDE | | | FY 2023 - | \$901,000 | (NHPIM) |
| | | | FY 2024 - | \$901,000 | (NHPIM) |
| | | | FY 2025 - | \$901,000 | (NHPIM) |
| | | | FY 2026 - | \$901,000 | (NHPIM) |
| | | | FY 2027 - | \$901,000 | (NHPIM) |
| | | | FY 2028 - | \$901,000 | (NHPIM) |
| | | | FY 2029 - | \$901,000 | (NHPIM) |
| | | | POST YR- | \$4,505,000 | (NHPIM) |
| | | | CONSTRUCTION | FY 2020 - | \$1,000,000 |
| | | | FY 2020 - | \$1,750,000 | (S(M)) |
| | | | FY 2021 - | \$1,750,000 | (S(M)) |
| | | | | \$18,015,000 | |

REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 14

| | | | | | |
|---------------|--|----------------|-----------|---------------------|-----|
| R-5839BA | NC 28, SWAIN/GRAHAM COUNTY LINE AT LITTLE | RIGHT-OF-WAY | FY 2022 - | \$70,000 | (T) |
| GRAHAM | TENNESSEE RIVER TO WOODS ROAD AT FONTANA | UTILITIES | FY 2022 - | \$20,000 | (T) |
| PROJ.CATEGORY | DAM VILLAGE. UPGRADE ROADWAY. | BUILD NC CONST | FY 2025 - | \$5,828,000 | (T) |
| DIVISION | <u>ACCELERATE CONSTRUCTION FROM FY 26 TO FY 25.</u> | | FY 2026 - | \$5,828,000 | (T) |
| | | | FY 2027 - | \$5,828,000 | (T) |
| | | | FY 2028 - | \$5,828,000 | (T) |
| | | | FY 2029 - | \$5,828,000 | (T) |
| | | | POST YR- | \$58,280,000 | (T) |
| | | CONSTRUCTION | FY 2025 - | \$593,000 | (T) |
| | | | FY 2026 - | \$593,000 | (T) |
| | | | FY 2027 - | \$593,000 | (T) |
| | | | FY 2028 - | \$593,000 | (T) |
| | | | | <u>\$89,882,000</u> | |

| | | | | | |
|---------------|---|--------------|-----------|------------------|-----|
| R-5843 | SR 1321 (BRYSON WALK), SR 1336 (DEPOT STREET), | CONSTRUCTION | FY 2021 - | <u>\$470,000</u> | (T) |
| SWAIN | SR 1323 (SLOPE STREET) TO SR 1336 (DEEP CREEK | | | \$470,000 | |
| PROJ.CATEGORY | ROAD). IMPROVE INTERSECTIONS. | | | | |
| DIVISION | <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u> | | | | |
| | <u>DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21</u> | | | | |

STIP DELETIONS

DIVISION 10

| | | | | | |
|----------|---|--------------|-----------|------------------|--------|
| C-5159 | ROXIE STREET, NC 3 AND DALE EARNHARDT | ENGINEERING | FY 2019 - | \$108,000 | (CMAQ) |
| CABARRUS | BOULEVARD IN KANNAPOLIS. STREET | | FY 2019 - | \$27,000 | (L) |
| | IMPROVEMENTS. | CONSTRUCTION | FY 2020 - | \$432,000 | (CMAQ) |
| | <u>DELETE AT THE REQUEST OF MPO.</u> | | FY 2020 - | <u>\$108,000</u> | (L) |
| | | | | \$675,000 | |

DIVISION 11

| | | | | | |
|---------------|---|--------------|-----------|-------------|-----|
| * U-5603 | US 321 (BLOWING ROCK ROAD) TO NC 105 BYPASS. | RIGHT-OF-WAY | FY 2019 - | \$1,100,000 | (T) |
| WATAUGA | UPGRADE ROADWAY. | UTILITIES | FY 2019 - | \$3,000,000 | (T) |
| PROJ.CATEGORY | <u>DELETE AT THE REQUEST OF TOWN OF BOONE.</u> | CONSTRUCTION | FY 2021 - | \$5,400,000 | (T) |
| DIVISION | | | | \$9,500,000 | |

| | | | | | |
|---------------|---|--------------|-----------|-------------|-----|
| * U-5705 | NC 105 INTERSECTION. CONSTRUCT UPGRADES. | RIGHT-OF-WAY | FY 2019 - | \$450,000 | (T) |
| WATAUGA | <u>DELETE AT THE REQUEST OF TOWN OF BOONE.</u> | CONSTRUCTION | FY 2021 - | \$1,900,000 | (T) |
| PROJ.CATEGORY | | | | \$2,350,000 | |
| STATEWIDE | | | | | |

**REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS
HIGHWAY PROGRAM
STIP DELETIONS**

ITEM N SUMMARY

| | | |
|---------------|-------------|---------------|
| ADDITIONS | 58 PROJECTS | \$129,965,000 |
| MODIFICATIONS | 17 PROJECTS | |
| DELETIONS | 3 PROJECTS | \$12,525,000 |
| | 78 PROJECTS | \$117,440,000 |

NCDOT October 3, 2019 Municipal and Special Agreements

SUMMARY: There are a total of 23 agreements for approval by the Board of Transportation

Statewide

United States Army
Corps of Engineers (USACE)
Wake County

This Supplemental Agreement is for the Department to provide additional funding to accommodate the changing needs and requirements of the Parties and to provide total funding in the amount not to exceed \$3,875,567 to support up to four (4) Project Managers (fully funded) and one (1) Regulatory Program Assistant (RPA) position (fully funded) assigned on a full-time basis.

Division 2

City of Greenville
Pitt County
EB-5539
45529.1.1
45529.2.F1
45529.3.F1

This Project consists of construction of a multi-use trail from the western terminus of the existing South Tar River Greenway at Pitt Street to Moye Boulevard. This Supplemental Agreement is to increase funding. The Department shall participate in an additional 80% of eligible expenses up to \$703,191. The Municipality will provide a 20% non-federal match of \$175,798 to the additional funding and in all costs that exceed the total available funding of \$4,716,500.

United States Department of
Agriculture, Forest Service
(USFS)
Craven County
R-5777C
44648.1.4

This Category 6 Major Cost Recovery Agreement is for payment of the application fee for the use and occupancy of the National Forest Lands for the Department's R-5777C Project in Craven County on the Croatan National Forest. The Department shall reimburse the USFS the estimated processing fee in the amount of \$42,507.32.

Division 3

North Carolina State Ports
Authority (Authority)
New Hanover County
C-5600BB
50061.5.2

On July 26, 2017, the Department and the Authority entered into an Agreement wherein the Department agreed to provide operational support to the Authority to operate the Queen City Express Intermodal Service between the Port of Wilmington and the Authority's Charlotte Inland Port. The Department agreed to subsidize the cost of operations by applying \$1,203,995 of CMAQ funding to the cost over a three-year period. This Supplemental Agreement provides for increasing the Department contribution by applying further CMAQ funding in the amount of \$126,163 to offset increased costs for the 2019 Federal Fiscal Year.

NCDOT October 3, 2019 Municipal and Special Agreements

Division 5

Town of Apex
Wake County
R-2721A
37673.3.TA2

This Project consists of construction of NC 540 from the NC 55 bypass to east of SR 1152 (Holly Springs Road) on a new location, including betterments for additional future sidewalks and improvements on East Williams Street and Sunset Lake Road. The Municipality shall pay a lump sum of \$513,235 for the betterments.

Town of Cary
Wake County
R-2721A
37673.3.TA2

This Project consists of construction of NC 540 from the NC 55 bypass to east of SR 1152 (Holly Springs Road) on a new location, including betterments for additional future sidewalk and bike lane accommodations on Pierce Olive Road Bridge. The Municipality shall pay a lump sum of \$100,625 for the betterments.

Town of Holly Springs
Wake County
R-2721A
37673.3.TA2

This Project consists of construction of NC 540 from the NC 55 bypass to east of SR 1152 (Holly Springs Road) on a new location, including betterments for additional future sidewalks and bike lanes on Sunset Lake Road, Holly Springs Road, Kildaire Farm Road and Pierce Olive Road. The Municipality shall pay a lump sum of \$308,217 for the betterments.

Town of Cary
Wake County
U-5501A
45488.2.3
45488.3.1

This Project consists of widening SR 1650 (Reedy Creek Road) from North Harrison Avenue to NE Maynard Road, including betterments for pedestrian and bicycle enhancements. This Supplemental Agreement is to increase funding. The Department shall reimburse eligible expenses up to \$9,449,629. The Municipality shall provide a non-federal match of \$5,137,407 and all costs that exceed the total available funding of \$14,587,036.

Town of Cary
Wake County
I-5700
50118.3.GV1

This Project is to revise and widen the existing I-40 Interchange at SR 3015 (Airport Boulevard) and construct an auxiliary lane on I-40 westbound from Airport Boulevard to I-540. This Utility Construction Agreement is to include provisions in the construction contract for the contractor to adjust and/or relocate municipally owned utility lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$1,493,501.

NCDOT October 3, 2019 Municipal and Special Agreements

Division 5, cont.

Raleigh Durham Airport
Authority
Wake County
I-5700
50118.3.GV1

This Project consists of the removal and replacement of a 100' High Mast Light Pole, owned by the Raleigh Durham Airport Authority, on Airport Boulevard in conjunction with Project I-5700. The Department shall be responsible for planning, design and construction. The Authority shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated reimbursement is \$9,000. The Authority shall be responsible for providing continuing electrical service and payment of monthly bills, at no expense to the Department.

CSX Transportation, Inc.
(CSXT)
City of Raleigh
Wake County
P-5715
46927.1.1

On February 15, 2019, the Department and CSXT entered into a Crossing Closure Agreement for the permanent closure of the at-grade railroad crossing of New Hope Church Road (SR 2034), Crossing # 630 607N, Milepost S 1152.32. New Hope Church Road is now a municipal street therefore, the Municipality was added as a party to the Crossing Closure Agreement. This Agreement will supersede the previous agreement, executed on February 15, 2019. CSXT shall perform all work within the railroad right-of-way. The Department shall perform all work outside of the railroad right-of-way and the Municipality shall maintain the improvements. The total estimated cost of the overall project (crossing and grade separation) is \$10,700,000.

North Carolina State
University, Clean Energy
Technology Center (CETC)
Wake County
C-5601F and G
50062.5.1

This Project consists of the development and operation of a clean fuel advanced technology outreach and awareness program, including sub-awards for projects in eligible counties in North Carolina. The Project will be administered by the Clean Energy Technology Center (CETC) at NC State University. The Department shall reimburse 80% from CMAQ funds, not to exceed \$2,335,132. The CETC will be responsible for the 20% (\$583,783) non-federal match for the CMAQ funds authorized and all costs that exceed the total available funding of \$2,918,915.

Division 7

City of Mebane
Norfolk Southern Railroad
(NS)
North Carolina Railroad
Company (NCRR)
Alamance County
Y-5500GC
80000.2.2.7

This Rail Agreement provides for the implementation of the near-term and mid-term rail safety recommendations of the Mebane Traffic Separation Study executed by the Department and the Municipality on June 4, 2018. The Department will prepare the project plans and the environmental documentation and construct the improvements outside of the railroad right-of-way. NS shall perform all work within their right-of-way. The estimated project cost is \$1,000,000.

NCDOT October 3, 2019 Municipal and Special Agreements

Division 7, cont.

City of Greensboro
Guilford County
17BP.7.R.116

This Project consists of replacing Bridge No. 224 over South Buffalo Creek on SR 3000 (McConnell Road). This Utility Construction Agreement is to include provisions in the construction contract for the contractor to adjust and/or relocate municipally owned water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement is \$623,268.

City of Mebane
Alamance County
47786

This Project consists of intersection improvements on SR 1007 (Mebane Oaks Road) and SR 2126/SR 2128 (Old Hillsborough Road) adding left and right turn lanes, widening radii, traffic signals, pavement markings and resurfacing. This Agreement is for hydrant/water extensions and sewer adjustments performed by the Municipality. The Department will pay an amount not to exceed \$15,000 for the work.

Division 9

Egger Wood Products, LLC
(Grantee)
Davidson County
80000.3.1.18

This Rail Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds for the construction of a rail industrial access spur and switching yard that will serve the Grantee. The Grantee will be responsible for performing the work. The Department will participate in the total cost of the project up to \$400,000. The estimated cost of the project is \$1,703,957.

Division 10

Town of Badin
Stanly County
R-5790JF
44920.3.14

This Project consists of the installation of ADA compliant curb ramps and upgrades to non-compliant curb ramps along various streets in Badin. The Department will perform the work. The Municipality will provide a 20% non-federal match of \$24,400 for the work performed on the non-system routes. The estimated cost of the project is \$122,000.

Town of Matthews
Mecklenburg County
48774

This Project consists of improvements to Crestdale Road to include widening, repair, pedestrian and safety upgrades. The Municipality will perform the work. The Department shall participate in the costs of the project not to exceed \$125,000. The estimated cost of the project is \$250,000.

NCDOT October 3, 2019 Municipal and Special Agreements

Division 10, cont.

City of Charlotte
Mecklenburg County
U-5905
46450.1.1
46450.2.1
46450.3.1

This Project consists of improvements along Lakeview Road (SR 2112) from Old Statesville Road (US 21) to Reames Road (SR 2110). The Municipality is responsible for the project. The Department's original participation was \$11,000,000 in State Bonus Allocation funds. The Department has agreed to participate in additional project costs with federal funds. The Department shall reimburse 80% of eligible expenses up to \$3,823,000. The Municipality will provide a 20% non-federal match of \$955,750 and all costs that exceed the total available funding of \$15,778,750.

Division 12

City of Statesville
Iredell County
I-3819B/U-6039
34192.2.3

This Project consists of improvements on the I-40/I-77 Interchange; I-40 from SR 2003 (Radio Road) to SR 2158 (Old Mocksville Road); I-77 from SR 2171 (Jane Sowers Road) to SR 2321 (East Broad Street); and SR 2321 (East Broad Street) from Vine Street to SR 2422 (Signal Hill Drive). At the request of the Municipality, the Department shall include the construction of betterments in its construction contract. The Municipality shall reimburse the Department a fixed cost of \$91,823.76 for the betterments.

City of Mount Holly
Gaston County
EB-5748
50425.1.1

This Project consists of the construction of new sidewalk on SR 2439 (Beaty Road) from Smith Street to Ferstl Avenue. The Department shall prepare the preliminary engineering plans and participate in 80% (\$81,000) of the PE costs from federal funds. The Municipality will provide a 20% (\$20,250) non-federal match and all costs that exceed the total available funding of \$101,250.

City of Mount Holly
Gaston County
EB-5912
47578.1.1

This Project consists of the construction of new sidewalk along the south side of SR 2044 (Tuckasee Road). The Department shall prepare the preliminary engineering plans and participate in 80% (\$230,000) of the PE costs from federal funds. The Municipality will provide a 20% (\$57,500) non-federal match and all costs that exceed the total available funding of \$287,500.

NCDOT October 3, 2019 Municipal and Special Agreements

Division 13

Danforth Construction
Buncombe County
41930

The Rail Division is requesting Board Approval to enter into a Construction Agreement with Danforth Construction for upgrades to the 81 Thompson Street facility, currently leased to Avadim Health in Buncombe County. The project will include safety upgrades to bring the building up to safety standards. The NCDOT State Construction Office approved the award of contract and selected Danforth Construction with their proposal. The estimated cost of the project is \$378,208, and shall be funded with state funds but subsidized by the monthly lease fee from Avadim Health.

NCDOT October 3, 2019 Municipal and Special Agreements

SUMMARY: There are a total of 25 agreements for informational purposes only

Division 1

NC Department of
Environmental Quality
Division of Marine Fisheries
(Agency)
Hyde County
30189.18

This Agreement is to provide loading and/or hauling service of shell or other reef materials on an as needed basis as requested by the Agency.

Town of Edenton
Chowan County

This Agreement is to allow Disaster Related Debris Removal by the Municipality during a State of Disaster or Imminent Threat of Disaster and/or a State of Emergency. The Municipality shall remove and dispose of disaster related debris on all released State Routes and apply directly to FEMA for reimbursement of eligible costs.

Town of Seaboard
Northampton County

This Agreement is to allow Disaster Related Debris Removal by the Municipality during a State of Disaster or Imminent Threat of Disaster and/or a State of Emergency. The Municipality shall remove and dispose of disaster related debris on all released State Routes and apply directly to FEMA for reimbursement of eligible costs.

Town of Kill Devil Hills
Dare County

This Agreement is to allow Disaster Related Debris Removal by the Municipality during a State of Disaster or Imminent Threat of Disaster and/or a State of Emergency. The Municipality shall remove and dispose of disaster related debris on all released State Routes and apply directly to FEMA for reimbursement of eligible costs.

City of Elizabeth City
Pasquotank County

This Agreement is to allow Disaster Related Debris Removal by the Municipality during a State of Disaster or Imminent Threat of Disaster and/or a State of Emergency. The Municipality shall remove and dispose of disaster related debris on all released State Routes and apply directly to FEMA for reimbursement of eligible costs.

Camden County

This Agreement is to allow Disaster Related Debris Removal by the County during a State of Disaster or Imminent Threat of Disaster and/or a State of Emergency. The County shall remove and dispose of disaster related debris on all released State Routes and apply directly to FEMA for reimbursement of eligible costs.

NCDOT October 3, 2019 Municipal and Special Agreements

Division 1, cont.

| | |
|-------------------|---|
| Pasquotank County | This Agreement is to allow Disaster Related Debris Removal by the County during a State of Disaster or Imminent Threat of Disaster and/or a State of Emergency. The County shall remove and dispose of disaster related debris on all released State Routes and apply directly to FEMA for reimbursement of eligible costs. |
|-------------------|---|

| | |
|-------------------|---|
| Perquimans County | This Agreement is to allow Disaster Related Debris Removal by the County during a State of Disaster or Imminent Threat of Disaster and/or a State of Emergency. The County shall remove and dispose of disaster related debris on all released State Routes and apply directly to FEMA for reimbursement of eligible costs. |
|-------------------|---|

Division 2

| | |
|---|---|
| Joseph S. Sheetz Pitt County 36249.4067 | This Project consists of traffic signal revision at the intersection of Stantonsburg Road and Moye Boulevard. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000. |
|---|---|

Division 3

| | |
|---------------|---|
| Onslow County | This Agreement is to allow Disaster Related Debris Removal by the County during a State of Disaster or Imminent Threat of Disaster and/or a State of Emergency. The County shall remove and dispose of disaster related debris on all released State Routes and apply directly to FEMA for reimbursement of eligible costs. |
|---------------|---|

| | |
|--|---|
| WF Independence Blvd., LLC New Hanover County 36249.4075 | This Project consists of signal plan and equipment modifications at US 421 (Carolina Beach Road) and SR 1209 (Independence Boulevard) related to the Woodfield Apartments Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000. |
|--|---|

NCDOT October 3, 2019 Municipal and Special Agreements

Division 3, cont.

Tri-City Butte, LLC
New Hanover County
U-4751
40191.3.2

This Project consists of an additional exclusive eastbound right-turn lane on SR 2892 (Lendire Road) at the intersection with US 17 (Market Street) as requested by the Developer in conjunction with the Department's U-4751 Project. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$100,000.

Division 4

Town of Princeville
Edgecombe County
36249.4068

This Project consists of the installation of "Welcome to Princeville" signs along US 33 North and South, and US 258 East and West at the town limits. The Department will perform the work. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$4,000.

Spring Branch Medical and
Commercial Park, Master
Owners Association, Inc.
Johnston County
36249.4066

This Project consists of the installation of a traffic signal on NC 42 at Springbrook Avenue. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

NC Department of Agriculture
Johnston County
36249.4074

This Project consists of grading and drainage improvements to Rangers Trail off of SR 1004 in Johnston County. The Department will perform the work. The Agency shall reimburse the Department 100% of the actual cost of all work. The estimated reimbursement is \$6,500.

Division 5

City of Henderson
Vance County
36050.091
36053.091

This Project consists of winter weather maintenance for certain State Highway system roads and rights of way in the Municipality's jurisdiction. The Department shall reimburse the Municipality for the actual cost of labor, materials, and equipment, not to exceed \$25,000 per year.

Alliance Multifamily, LLC
Wake County
36249.4071

This Project consists of traffic signal upgrades on SR 1635 (McCrimmon Parkway) at SR 1637 (Church Street) in Cary and on SR 1635 (McCrimmon Parkway) at Town Hall Drive in Morrisville. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$7,500.

NCDOT October 3, 2019 Municipal and Special Agreements

Division 5, cont.

Town of Holly Springs
Wake County
36249.4072

This Project consists of a traffic signal upgrade on SR 1152 (Holly Springs Road) at NC 55 (Main Street). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$7,000.

Town of Holly Springs
Wake County
36249.4073

This Project consists of a traffic signal upgrade on SR 1152 (Holly Springs Road) at Linksland Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$7,000.

Division 7

Parkway Associates, LLC
Guilford County
36249.4069

This Project consists of intersection improvements and a traffic signal upgrade at SR 4187 (Piedmont Parkway) and Morris Farm Drive Point. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Division 8

Preston Acquisitions, LLC
Lee County
36249.4079

This Project consists of upgrading the traffic signal by adding a fourth leg to the intersection of US 1 Business and SR 1488 (McNeill Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Division 10

Town of Harrisburg
Cabarrus County
36249.4078

This Project consists of upgrading a traffic signal at the intersection of NC 49 and SR 1300 (Morehead Road)/Alexander Avenue. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

NCDOT October 3, 2019 Municipal and Special Agreements

Division 12

Gardner-Webb University
Cleveland County
36249.4076

This Project consists of the installation of “Home of Gardner-Webb University” sign on US 74 in east and westbound direction at the Cleveland County Line. The Department shall perform the work. The University shall reimburse the Department 100% for the work. The estimated reimbursement is \$2,280.

Lake Norman Owner, LP
Lincoln County
36249.4077

This Project consists of signal upgrades at the Northbound NC 16 off ramp onto NC 73. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

City of Gastonia
Gaston County
W-5712M
44858.3.13

This Project consists of pedestrian and safety improvements at SR 1136 (Myrtle School Road/Davis Park Road) at SR 1131 (Linwood Road). The Department shall perform the work. The Municipality shall participate in the costs of the project in the amount of \$26,400.

NCDOT October 2019 Board of Transportation Agenda

Municipal Street System Changes for Powell Bill Program

Deletions from the State Highway System

| Div | County | Municipality | Road | Termini | Length |
|------------|---------------|-----------------------|-----------------------------|--|---------------|
| 9 | Forsyth | City of Winston-Salem | SR 4001, Reynolds Boulevard | From University Parkway to Akron Drive | 1.430 |

File Name: Forsyth_2019_10_M001

Total Miles = 1.430

NCDOT October 2019 Board of Transportation Agenda

| <u>No.</u> | | <u>Enacted Page No.</u> |
|-------------------|--|------------------------------------|
| 1 | Final Right of Way Plans | R-1 |
| 2 | Conveyance ROW Residue (HB 501) | R-2 |
| 3 | Approval of Conveyance of Highway Right of Way Residues | R-3 |
| 4 | Approval of Conveyance of Surplus Right of Way | R-4 |
| 5 | Advance Acquisition of Highway Right of Way | R-5 |

NCDOT October 2019 Board of Transportation Agenda

Final Right of Way Plans

Right of way acquisition in accordance with the preliminary right of way plans on file in the Right of Way Unit has been determined to be necessary for public use and was authorized by the Board. Certain changes in the right of way have necessitated alteration of the preliminary right of way plans. Final plans have been prepared and provide for the construction, design, drainage and control of access for these projects. The Board finds that such rights of way and control of access as shown on the final plans are for a public use and are necessary for construction. The sections of roads which were shown on the preliminary plans as sections of roads to be abandoned are hereby abandoned and removed from the State Highway System for Maintenance upon the completion and acceptance of the project.

The rights of way for the location, design and construction of highways embraced in the following projects shall be as shown in detail on the final plans for said projects as follows:

(Division 7)

Project No. 34840.2.4; Guilford County; I.D. No. U-2581BA:

Culvert, drainage, grading, paving and signals on US 70 (Burlington Road) from West of SR 3045 (Mount Hope Church Road) / SR 2819 (McLeansville Road) to just East of SR 2826 (Birch Creek Road) with the right of way indicated upon the final plans for said project.

(Division 8)

Project No. 34542.2.6; Richmond County; I.D. No. R-3421A:

Culvert, drainage, grading, paving, signing, retaining walls and structures on I-73/I-74 from US 74 Bypass West of Rockingham at SR 1109 (Zion Church Road) interchange to South of SR 1140 (Old Charlotte Highway) with the right of way indicated upon the final plans for said project.

Project No. 34542.2.3; Richmond County; I.D. No. R-3421B:

Culvert, drainage, grading, paving, signing, retaining walls and structures on I-73/I-74 from South of SR 1140 (Old Charlotte Highway) to Southwest of SR 1304 (Harrington Road) with the right of way indicated upon the final plans for said project.

(Division 10)

Project No. 34446.2.5; Stanly County; I.D. No. R-2530B:

Drainage, grading, paving, signals, structure, signing and culverts on NC 24 – 27 from Bird Road in Albemarle to West of the Pee Dee River with the right of way indicated upon the final plans for said project.

FINAL RIGHT OF WAY PLANS

4 PROJECT(S)

\$ 0.00

NCDOT October 2019 Board of Transportation Agenda

Approval of Conveyance of Highway Right of Way Residues by Real Estate Agent and/or Auctioneer per House Bill 501 Pilot Program

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit, that the following highway right of way conveyances are approved:

(Division 12)

Project 9.8129302, U-0215B Parcels 046, 046A & 047, Hudson Blvd. Ext. From east of NC 274 Union Rd. to NC 279 New Hope Rd.

Gaston County

Conveyance of an approximate 0.970-acre comprised of three (3) landlocked B-class residue areas to Triangle Real Estate of Gastonia, Inc. for the highest offer amount of **\$30,000.00**; commission \$3,000.00

Project 8.1811201 (34799.2.1), U-2408 Parcels 049, 055A, 055B, 903A, 903B & 903C, NC 274 Bessemer City Rd. from NC 274 Dallas Bessemer City Rd. to US 29-74 Franklin Blvd.

Gaston County

Conveyance of an approximate 0.731-acre comprised of four (4) landlocked B-class and two (2) landlocked C-class residue areas to Ricky M. Treece for the highest offer amount of **\$2,400.00**; commission \$1,000.00

Project 8.1811201 (34799.2.1), U-2408 Parcels 107, 109, 111A, 111B & 112, NC 274 Bessemer City Rd. from NC 274 Dallas Bessemer City Rd. to US 29-74 Franklin Blvd.

Gaston County

Conveyance of an approximate 1.180-acres comprised of four (4) landlocked B-class and one (1) landlocked C-class residue areas to Adam Buster for the highest offer amount of **\$3,100.00**; commission \$1,000.00

NCDOT October 2019 Board of Transportation Agenda

Approval of Conveyance of Highway Right of Way Residues

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit, that the following highway right of way conveyances are approved:

(Division 6)

Project 34866.2.2, U-2810 026, SR 1003 (Camden Road) from NC 59 (Hope Mills Road) to SR 1007 (Owen Drive) in Cumberland County

Conveyance of approximately 1.12 acre area to Douglas Horne, the highest bidder after public advertisement, for the bid sum of \$10,000.00.

Project 34866.2.2, U-2810 027, SR 1003 (Camden Road) from NC 59 (Hope Mills Road) to SR 1007 (Owen Drive) in Cumberland County

Conveyance of approximately 1.42 acre area to Douglas Horne, the highest bidder after public advertisement, for the bid sum of \$12,000.00.

(Division 11)

Project 34402.2.6, R-2237C 115, US 321 from SR 1500 (Blackberry Road) to US 221 in Blowing Rock, Watauga County

Conveyance of approximately 0.135 acre area to Anne B. Furr, the highest bidder after public advertisement, for the bid sum of \$13,000.

Project 34402.2.6, R-2237C 171, US 321 from SR 1500 (Blackberry Road) to US 221 in Blowing Rock, Watauga County

Conveyance of approximately 0.374 acre area to Medley Investments, Inc., the highest bidder after public advertisement, for the bid sum of \$265,000.

Project 34402.2.6, R-2237C 151 & 152, US 321 from SR 1500 (Blackberry Road) to US 221 in Blowing Rock, Watauga County

Conveyance of approximately 0.787 acre area to Anne B. Furr, the highest bidder after public advertisement, for the bid sum of \$210,000.

CONVEYANCE ROW RESIDUE

5 PROJECT(S)

\$ 510,000.00

NCDOT October 2019 Board of Transportation Agenda

Approval of Conveyance of Surplus Highway Right of Way

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit that the following highway right of way conveyances are approved:

(Division 5)

Project 4763, SR 1012 (Western Blvd) between SR 5039 (Jones Franklin Road) and SR 1101 (Hillsborough Street)

Wake County

The Board of Transportation approved the conveyance of 0.721 acre area surplus right of way to BORO, LLC at its regularly scheduled meeting on June 1, 2017. Prior to conveyance of deed, BORO, LLC sold the adjacent property to XL Soccer World, LLC. All other matters in the conveyance remained the same. Therefore, this is to request the October 3, 2019 Board of Transportation Minutes reflect this change.

(Division 11)

Project 34518.2.FR3, R-2915C 027, US 221 South of SR 1106 (Railroad Grade Road)
Ashe County

Disposal of Approximately 0.20 acre surplus right of way to Fleetwood Volunteer Fire & Rescue for no consideration.

APPROVAL OF CONVEYANCE OF SURPLUS RIGHT OF WAY 2 PROJECT(S) \$ 0.00

NCDOT October 2019 Board of Transportation Agenda

Advance Acquisition of Highway Right of Way

Upon recommendation of the Manager of the Right of Way Branch, the Board has been requested to authorize the acquisition of the following properties through negotiation or condemnation for purposes of highway construction in order to prevent undue hardship on property owners or to protect the right of way corridor from development prior to regular project approval. The Board finds such acquisitions to be necessary, and hereby authorizes the Right of Way Branch to acquire said properties either by negotiation or by condemnation through the Office of the Attorney General.

(Division 4)

**Seaton Howell S & M Wheelestate Sales, Inc.
I.D. No. R-5829A Parcel 900
WBS 47101.1.2, F. A. Project N/A,
County of Johnston/Wayne**

(Division 5)

**Hettie Rimmer
I.D. No. U-5301 Parcel 901
WBS 47018.1.6 F. A. Project N/A,
County of Wake**

| | | |
|--|---------------------|---------------|
| ADVANCE ACQUISITION OF HIGHWAY RIGHT OF WAY | 2 PROJECT(S) | \$0.00 |
|--|---------------------|---------------|

| | | |
|-----------------------|----------------------|----------------------------|
| R-ITEM SUMMARY | 14 PROJECT(S) | TOTAL:\$ 545,500.00 |
|-----------------------|----------------------|----------------------------|

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2019 - 2020**

At the time of preparation of this agenda item the General Assembly had ratified Senate Bill 966 but, it was not yet Session Law. Accordingly, it is recommended to move forward with a partial allocation of General Maintenance Reserve, Roadside Environmental, Contract Resurfacing, Pavement Preservation, Bridge Program, and Bridge Preservation funds. The initial allocation was determined by calculating a 6-month Division spend plan based on the previous year's distribution formulas assuming roughly half of the anticipated total allocation for FY 2020. A supplemental allocation is to follow reconciling each Division's total allocation once the bill becomes law.

It is recommended that these funds be allocated in accordance with the following:

| | <u>TOTAL ALLOCATION</u> |
|--|------------------------------------|
| <u>SCHEDULE I – GENERAL MAINTENANCE RESERVE</u> | |
| Road and Bridge Maintenance | 147,020,687 |
| Asset Maintenance and Operation | 8,215,814 |
| Emergency | 82,250,000 |
| Research and Development | 3,544,206 |
| State and Federal Obligation | 10,969,293 |
| <i>Subtotal</i> | <u>\$252,000,000</u> |
| <u>SCHEDULE II - ROADSIDE ENVIRONMENTAL</u> | |
| Division Distribution | 40,441,500 |
| Asset Maintenance and Operation | 4,500,000 |
| State and Federal Obligation | 0 |
| <i>Subtotal</i> | <u>\$44,941,500</u> |
| <u>SCHEDULE III – CONTRACT RESURFACING</u> | |
| Division Distribution | 225,625,000 |
| Asset Maintenance and Operation | 50,000 |
| <i>Subtotal</i> | <u>\$225,675,000</u> |
| <u>SCHEDULE IV – PAVEMENT PRESERVATION</u> | \$35,625,000 |
| <u>SCHEDULE V – BRIDGE PROGRAM</u> | \$83,125,000 |
| <u>SCHEDULE VI – BRIDGE PRESERVATION</u> | \$35,625,000 |
| <i>Grand Total</i> | \$676,991,500 |

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2019 - 2020**

SCHEDULE I – GENERAL MAINTENANCE RESERVE

In accordance with the recommended allocations listed on Page 1, a total of \$252,000,000 has been made available for distribution. It is recommended to continue to cash flow \$250,194,866 equally among the 14 Highway Divisions. The funds allocated will be used for Road and Bridge Maintenance, as well as support Division Administration and Enterprise level programs.

ROAD AND BRIDGE MAINTENANCE

This item, listed under General Maintenance Reserve, will be utilized for the purposes of continuing routine maintenance activities including, but not limited to, pavement patching, pavement markings, markers, signs, symbols, roadside vegetation management, drainage, unpaved shoulders, litter pickup, and other similar maintenance activities. Bridge related activities include, but are not limited to, repairing concrete bridge decks, girder painting, emergency bridge repair or replacement, foundation repair, installation of support bents, and flooring and rail repair. Replacing small critical bridges and pipes are also eligible activities. and These expenditures will include both contract and force account maintenance.

DIVISION ADMINISTRATION

Division Administration is a direct allocation to the Divisions for the estimated cost of the following:

- Traffic System Operations
- Incident Management
- Electricity for Traffic Control Devices
- Maintenance of Roadway and Interchange Lighting
- Major Events
- Maintenance and Repair of Guardrail
- Operation of Moveable Span Bridges
- River Ferries

ENTERPRISE PROGRAMS

Enterprise level programs are comprised of four main categories: **State and Federal Obligations, Asset Maintenance and Operations, Research and Development, and Emergencies.**

State and Federal Obligations are funds required either by state or federal laws, regulations or rules. Examples of such obligations include Asphalt Testing Labs Corrective Actions, Drug & Alcohol Testing, Railroad Signal Maintenance, and maintenance of Weigh Stations.

Asset Maintenance and Operations are funds used to assess and address statewide program needs. Examples include funding the central activities related to Incident Management, Materials and Test non-TIP pavement activities, NPDES functions, and maintenance repairs to assets such as traffic signals.

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2019 - 2020**

Research and Development are funds used to research, develop, and implement state of the art maintenance technologies, practices and procedures. Objectives of these programs include improving maintenance efficiencies and improving cost effectiveness.

Emergencies are funds used for weather related events, to cover unanticipated expenditures for non-declared emergency operations, as well as snow and ice equipment purchases.

SCHEDULE II – ROADSIDE ENVIRONMENTAL

Beginning in FY 2018, the General Assembly established funds to be utilized for vegetation management, mowing, litter prevention and removal, beautification efforts, and rest areas. Of the total \$44,941,500 available, the staff recommends continuing to cash flow \$20,000,000 equally in each of the 14 Highway Divisions and is included in the allocation figures. These funds will be used for Roadside Maintenance, as well as support Division Administration and Enterprise level programs.

The staff recommends a direct allocation to the Divisions for the estimated cost of the following Division Administration activities:

- Specialized Landscaping
- Rest Areas and Welcome Centers

The staff also recommends allocating \$4,500,000 to Asset Maintenance and Operation for activities such as monitoring contract Litter and Mowing efforts and renovation and repair of Rest Areas.

Further detail regarding recommended allocations of these funds is addressed in Table 1 on Page 4.

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2019 - 2020**

Table 1 – SCHEDULES 1 and II

| Division | Schedule I | Schedule II |
|--------------------------------|-----------------------------------|---------------------------|
| | General Maintenance Reserve | Roadside Environmental |
| 1 | 7,879,254 | 2,746,226 |
| 2 | 7,006,549 | 2,408,853 |
| 3 | 10,752,971 | 2,630,958 |
| 4 | 10,052,787 | 3,698,516 |
| 5 | 15,676,418 | 3,685,696 |
| 6 | 9,706,003 | 3,049,196 |
| 7 | 13,614,635 | 2,945,978 |
| 8 | 9,581,260 | 2,458,101 |
| 9 | 11,011,315 | 2,324,681 |
| 10 | 14,185,819 | 3,188,390 |
| 11 | 6,996,855 | 2,353,577 |
| 12 | 11,723,837 | 2,977,122 |
| 13 | 9,982,322 | 2,856,895 |
| 14 | 8,850,662 | 3,117,311 |
| Subtotal | \$147,020,687 | \$40,441,500 |
| Asset Maintenance & Operations | 8,215,814 | 4,500,000 |
| Emergencies | 82,250,000 | 0 |
| Research and Development | 3,544,206 | 0 |
| State and Federal Obligation | 10,969,293 | 0 |
| Subtotal | \$104,979,313 | \$4,500,000 |
| Grand Total | \$252,000,000 | \$44,941,500 |

SCHEDULE III – CONTRACT RESURFACING

Of the total \$225,675,000 available, the staff recommends continuing to cash flow \$178,000,000 equally in each of the 14 Highway Divisions which is included in the allocation numbers. Resurfacing activities will include placement of plant mixed asphalt, surface treatment seals, and recycling existing pavement. They will also include surface preparation, shoulder reconstruction, and traffic lane markings, performed by State Forces and by Contract. In accordance with current legislation, up to 15% of the funds may be used for widening existing narrow pavements. It is also recommended that, of the total funds available, \$50,000 be allocated to Asset Maintenance and Operation to cover non-TIP Materials & Test activity overdrafts. The remaining \$225,625,000 is to be distributed among the 14 Divisions.

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2019 - 2020**

SCHEDULE IV – PAVEMENT PRESERVATION

Beginning in FY 2015, the General Assembly has provided funds to address preservation activities or treatments for asphalt pavement structures. Eligible activities include the following: chip seals, slurry seals, fog seals, sand seals, scrub seals, and cape seals. Microsurfacing, profile milling not covered by resurfacing, asphalt rejuvenators, and open graded asphalt friction course is also eligible. Additional preservation activities include overlays less than 1,000 feet in length, diamond grinding, joint sealing, dowel bar retrofit, and partial or full depth repairs and reclamations. Ultra-thin whitetopping, thin lift and sand asphalt overlays and asphalt crack sealing are also eligible pavement preservation activities. Session Law 2017-57 expanded eligible activities to include pavement markers and markings. Of the \$35,625,000 available, it is recommended to continue cash flowing \$15,000,000 which will be distributed equally among each of the 14 Highway Divisions. These figures are included in the allocation amounts.

SCHEDULE V – BRIDGE PROGRAM

Beginning in FY 2015, the General Assembly established Bridge Program funds which are intended to address structurally deficient bridges. Of the total \$83,125,000 available, staff recommends continuing to cash flow \$20,000,000 equally among each of the 14 Highway Divisions which is included in the allocation figures. It is recommended that \$49,875,000 be allocated to fund construction costs for SFY 2020 bridge projects and to fund preliminary engineering costs for future bridge projects on the Primary System leaving \$33,250,000 to be distributed among the Divisions.

SCHEDULE VI – BRIDGE PRESERVATION

Beginning in FY 2018, the General Assembly established funds to employ cost effective solutions to maximize bridge life and lower lifetime cost. Of the \$35,625,000 total available funds, it is recommended that \$17,812,500 be allocated statewide for high value bridge preservation projects. The staff also recommends allocating a total of \$532,000 among Divisions 1, 2, and 3 for the maintenance of moveable span bridges. The remaining \$17,280,500 is recommended to be distributed to the Divisions.

Further detail regarding recommended allocations of these funds is addressed in Table 2 on Page 6.

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2019 - 2020**

Table 2 – SCHEDULES III, IV, V, and VI

| Division | Schedule III Contract Resurfacing | Schedule IV Pavement Preservation | Schedule V Bridge Program | Schedule VI Bridge Preservation |
|--------------------|--|--|--------------------------------------|--|
| 1 | 14,474,479 | 2,027,132 | 2,058,312 | 1,297,073 |
| 2 | 15,802,933 | 2,019,550 | 2,219,204 | 1,083,576 |
| 3 | 17,405,941 | 2,377,012 | 2,188,345 | 1,309,813 |
| 4 | 19,018,269 | 3,046,303 | 2,145,397 | 1,260,829 |
| 5 | 24,055,297 | 2,429,807 | 2,181,105 | 1,572,079 |
| 6 | 13,177,241 | 2,699,580 | 1,973,107 | 951,134 |
| 7 | 18,014,446 | 2,350,400 | 2,758,350 | 1,298,159 |
| 8 | 19,181,946 | 2,948,580 | 2,079,219 | 1,101,389 |
| 9 | 11,802,332 | 2,585,049 | 2,163,093 | 1,073,734 |
| 10 | 16,335,572 | 2,106,581 | 2,106,856 | 1,433,398 |
| 11 | 12,653,164 | 3,363,046 | 3,052,080 | 1,205,042 |
| 12 | 14,510,420 | 2,633,805 | 2,409,583 | 1,170,289 |
| 13 | 14,814,992 | 2,391,199 | 3,237,146 | 1,607,108 |
| 14 | 14,377,968 | 2,646,956 | 2,678,203 | 1,448,877 |
| Subtotal | \$225,625,000 | \$35,625,000 | \$33,250,000 | \$17,812,500 |
| Statewide | 50,000 | 0 | 49,875,000 | 17,812,500 |
| Grand Total | \$225,675,000 | \$35,625,000 | \$83,125,000 | \$35,625,000 |

Item S Summary: 6 Actions totaling \$676,991,500

September 18, 2019

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Division

SUBJECT: Submission of the Mitchell County Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

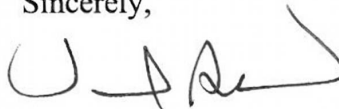
The Transportation Planning Division has worked cooperatively with Mitchell County on development of their Comprehensive Transportation Plan (CTP). The plan was adopted by Mitchell County on September 3, 2019, the Town of Bakersville on July 29, 2019, and the Town of Spruce Pine on September 9, 2019. It was endorsed by the High Country RPO on August 21, 2019.

The plan is based on an analysis of existing and projected travel and land use, public involvement and field investigations of recommended improvements. It is located on the web at:

[https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id= Mitchell County](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Mitchell%20County)

The Mitchell County Comprehensive Transportation Plan is recommended for mutual adoption, as shown on the maps adopted by the aforementioned jurisdictions and recommended by Transportation Planning Division on September 10, 2019.

Sincerely,



Jamal Alavi, P.E.
Director, Transportation Planning Division

Attachment

Adoption Sheet



Mitchell County

Recommended

Comprehensive Transportation Plan

Plan date:

Sheet 1 **Adoption Sheet**

Sheet 2 **Highway Map**

Sheet 3 **Public Transportation
and Rail Map**

Sheet 4 **Bicycle Map**

Sheet 5 **Pedestrian Map**

Legend

- Roads
- Rivers and Streams
- Railroads
- Game Lands
- ▨ State Parks
- County Boundary
- ▨ Municipal Boundary

0 0.5 1 2 3 Miles

Sheet 1 of 5



Base map date: October 25, 2017

Refer to CTP document for more details

Adopted by:

Mitchell County

Date: September 3, 2019

Bakersville

Date: July 29, 2019

Spruce Pine

Date: September 9, 2019

NCDOT

Date:

Endorsed by:

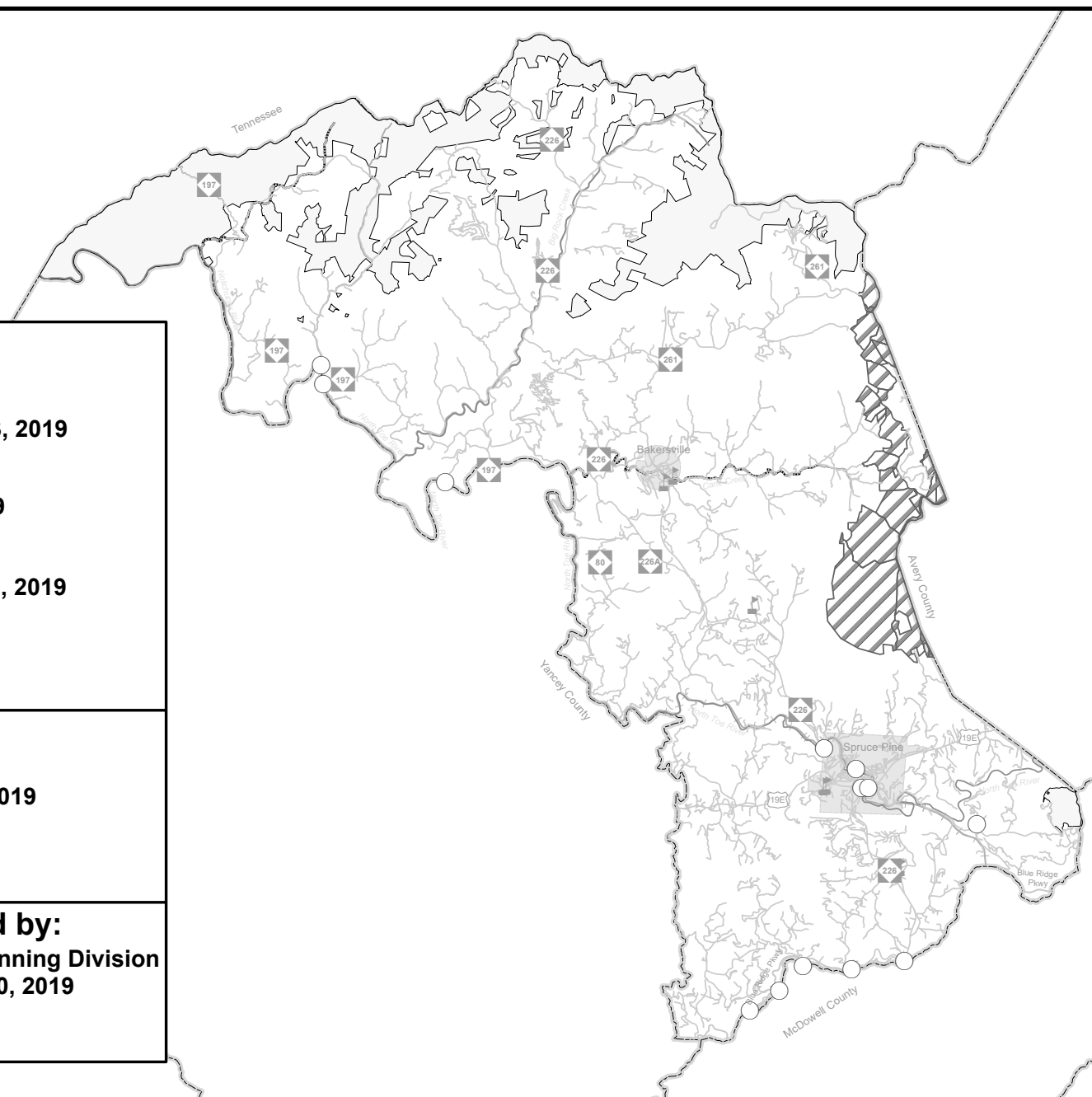
High Country RPO

Date: August 21, 2019

Recommended by:

Transportation Planning Division

Date: September 10, 2019



NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the October 3, 2019, Board meeting.

Committee Reports

Road Naming Committee -- Committee Chair Fox provided a summary of the committee's meeting topics that included a review of submitted applications

- Officer Robert Y. Clement Bridge
- Senator Charles W. Albertson Highway
- Tugboat naming for Wanchese, Morehead City, Cape Fear, Hobucken and Manns Harbor

Highway Committee – Committee Vice Chair Pope provided a summary of the committee's meeting topics, which included:

- Dr. Mike Cline, State Demographer, Demographic and Economic Analysis from NC Office of State Budget and Management provided a presentation on the Population Trends in North Carolina & Implications for Transportation.
- Mr. Joe Hummer, PhD., P.E., State Traffic Management Engineer, Mr. Steve Kite, P.E., Eastern Work Zone Traffic Control Engineer, and Ms. Meredith McDiarmid, P.E., State Transportation Systems Management & Operations Engineer, NCDOT Transportation Mobility and Safety provided a presentation on Reducing Crashes and Queues in Freeway Work Zones.

Multi-Modal Committee – Committee Chair Perkins provided a summary of the committee's meeting topics, which included

- Funding Items for PTD, STIP Amendment, STIP Handout, and Aviation.
- Julie White, Deputy Secretary, gave a Multi-Modal Transportation Update.

FAST Committee – Committee Chair Lathrop provided a summary of the committee's meeting topics and a cash balance update.

- Daniel Findley, Ph.D, Senior Research Associate, Institute for Transportation Research and Education from NCSU gave a presentation titled Public Perception of Transportation Fees in North Carolina.
- Amna Cameron updated the committee on the Survey Results from the NC First Commission.

Economic Development and Intergovernmental Relations (EDIR) Committee – Committee Member Overholt provided a summary of the committee's meeting topics.

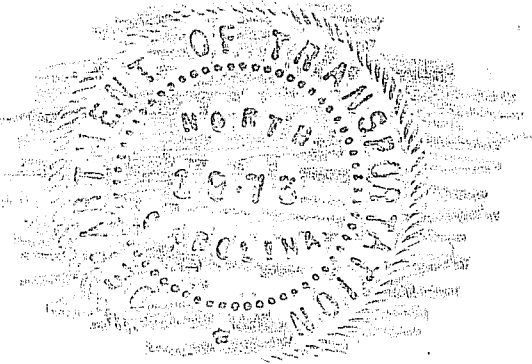
- Colonel Anthony Mullinax, Commander, 4th Mission Support Group, USAF gave a presentation on the 4th Fighter Wing people, organization, mission, community, and efforts to build their team.

- Ronnie Keeter, Division Four Engineer, delivered a presentation on Transportation Improvements Supporting Seymour Johnson AFB.

Chairman Fox reminded members of the Board that the next meeting of the Board will be November 6, and 7, 2019 in Raleigh, NC.

Adjournment

There being no further business of the Board, Chairman Fox adjourned the meeting at 11:02 am.



A handwritten signature in cursive script, appearing to read "Michael J. Fox".

Chairman Fox

North Carolina Board of Transportation

Attest:

A handwritten signature in cursive script, appearing to read "Chashelle T. Allen".

Secretary to the Board of Transportation

Dated this day 3rd October 2019.

RESOLUTION FOR CORPORAL HENRY F WARNER BRIDGE

WHEREAS, Montgomery County desires to honor native son, Henry F. "Lowe" Warner, who made the ultimate sacrifice protecting fellow soldiers in the Second World War; and

WHEREAS, Warner was awarded the country's highest and most prestigious military honor, the Medal of Honor, for his heroism; and

WHEREAS, the family of Warner supports the naming of the bridge in his honor; and

WHEREAS, the Montgomery County Board of Commissioners supports and requests the North Carolina Board of Transportation to name the new bridge spanning Little River on N.C. 24/27 (Bob Jordan Highway) in honor of Henry F. "Lowe" Warner.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the N.C. 24/27 bridge over Little River in Montgomery County as the *Corporal Henry F Warner Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted this the 3rd day of October 2019 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation



North Carolina Department of Transportation
Transportation Program Management Unit - Value Management
Innovative Technologies and Products Awareness Report
October 2, 2019



PRODUCT HIGHLIGHT – Flex Guard®



Example of Flex Guard® after application –
image from Mat, Inc. website

Flex Guard® should be applied to unsaturated soils, and needs a minimum curing temperature of 40 degrees F. It can be applied to 1H to 1V slopes or shallower and is shipped in 50 lb. bags.

For more information, please visit: <https://www.matinc.biz/>

Flex Guard is a hydraulically applied Fiber Reinforced Matrix (FRM) that is manufactured by Mat, Inc. and is currently being evaluated for inclusion on the Approved Products List. Flex Guard® is a hydromulch that is engineered with pasteurized wood fibers, dispersible synthetic fibers, and various soil bonding agents (Crosslinked Hydro-colloid Tackifiers and Activators). Once the mixture of FRM, soil, and seeds cures; the new surface is bonded to the soil, and forms a flexible, absorbent, and continuous erosion blanket. Flex Guard® reduces sediment run-off by almost 99%. The longevity of the mixture lasts between 18 and 24 months depending upon slope angle, climate, and application rate of the FRM. The typical application rate for Flex Guard® is approximately 3,000 pounds per acre for a 3H to 1V slope.



Example of Flex Guard being applied – image
from Mat, Inc. website

PRODUCT INNOVATION – Continuous Flow Intersection



CFI intersection design from TIP project U-5744 public
meeting – image from NCDOT website

A continuous flow intersections (CFI) uses left turn crossovers prior to the main intersection, so that at the main intersection left turns do not hold up all other users. There are about 30 CFIs open across the US. NC's first CFI is scheduled to open before the end of 2019 on NC-16 just north of I-485 in northwest Mecklenburg County. A CFI provides the highest traffic capacity of any known at-grade intersection design. Its capacity is so high that it competes well with much more expensive and impactful interchange alternatives. A case where a CFI was chosen over an interchange is on TIP Project U-5744 in Garner, at US-70 and Timber Drive. The U-5744 project public meeting map (a portion of which is included to the left) shows a good plan view of a CFI. Several other CFIs are in the planning and design stages around the state. CFIs are a great addition to the intersection design toolkit to allow project teams to move more traffic through smaller spaces safely and efficiently in a cost-effective way. NCDOT also has two ongoing research projects that are developing new alternative interchange designs and their associated signings and marking (RP2019-26 and RP2018-20). For more information about the U-5744 project, please visit the project website at <https://www.ncdot.gov/news/public-meetings/Pages/U-5744-03-27-2018.aspx> For more information about the two ongoing research projects, please contact the Research Office at research@ncdot.gov