

# I N D E X

## BOARD OF TRANSPORTATION MEETING

June 27, 2019

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## **BOARD OF TRANSPORTATION MEETING**

**June 27, 2019**

### **Call to Order**

Chairman Fox called the meeting of the Board of Transportation to order at 9:00 a.m. on Thursday, June 27, 2019, in Raleigh, North Carolina with the following members present: Fox, Tulloss, Moran, Overholt, Tulloss, Alford, Jordan, Perkins, Bowles, Hunt, Tarleton, Pope, Lathrop, Debnam, and Taft.

Vice-Chair Szlosberg-Landis, Board Member Zimmer and Board Member Wells called in to the meeting.

Board Member Molamphy was 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 abstain from participation in that particular item and to file the proper paperwork with the Secretary to the Board of Transportation.

### **ACTION**

#### **Approval – June 6, 2019 Board Meeting Minutes**

Chairman Fox stated that the meeting minutes were distributed for review prior to the meeting. Chairman Fox asked for a motion to approve the meeting minutes from the June 6, 2019 Board of Transportation meeting. A motion was made by Board Member Lathrop and seconded by Board Member Tarleton.

#### **Road, Bridge and Ferry Naming Honorary Designations**

Board Member Perkins presented a resolution naming a portion of U.S. 64 from N.C. 801 to Yadkin River Bridge in Davie County as the Harold Lee Frank Highway. The resolution was unanimously approved by the Board upon a motion by Board Member Perkins and seconded by Board Member Overholt. (A copy of the resolution is at the end of this document).

## **Secretary's Remarks**

Secretary Trogdon mentioned he participated in the State DOT Roundtable for ITS America in Washington, D.C. While there, he had the opportunity to join transportation leaders from other states in discussion on successes and lessons learned in deploying intelligent transportation technology. He stated there were panel discussions focused on multi-modal mobility solutions like Mobility as a Service and Mobility on Demand, and the emergence of disruptive technologies and how they will impact the future of transportation.

Secretary Trogdon shared he had been appointed by the American Association of State Highway and Transportation Officials as chairman of the Council on Rail Transportation. This position will be a 2-year term overseeing the council as members from across the country address issues affecting the national freight and passenger rail system and explore ways to optimize its efficiency.

## **Severe Weather**

Secretary Trogdon discussed severe weather earlier in the month that led to approximately 100 roads being closed due to flooding and/or related damages, including several primary roads. Among locations impacted the most were Alexander, Caldwell, Catawba, Wake, Watauga and Wilkes counties. The most significant damage to a single site was where the Little River washed out U.S. 401 between N.C. 96 and N.C. 98, near the Wake-Franklin county line. Those areas saw about 7.5 inches over a four hour window and was classified by National Oceanic and Atmospheric Administration as a 1,000-year event. The washouts occurred on an active construction project to widen U.S. 401 to four lanes.

## **I-77 Express Lanes**

Secretary Trogdon mentioned the northern section of the I-77 express lanes, from Hambright Road in Huntersville to Exit 36 in Mooresville, opened June 1. Secretary Trogdon shared that the North Carolina Turnpike Authority will provide NC Quick Pass account management, billing and customer service for the express lanes. During the first business day after the lanes opened, NC Quick Pass issued more than 3,100 transponders, which is an all-time daily high. Three weeks after the lanes opened, more than 30,000 transponders were issued. NCDOT remains committed to the "Improve, Expand, Protect" action plan, with the state eventually operating the express lanes.

## **Ferry Celebration**

Secretary Trogon discussed the christening of the new M/V Rodanthe vehicle ferry on June 28<sup>th</sup>, which will serve the Hatteras-to-Ocracoke route. Secretary Trogon shared since the ferry started more than 8,200 people have ridden passenger ferry.

## **Employees to be commended**

Secretary Trogon shared that in late May five Division Six employees saved a driver's life. The Secretary proudly presented the five Extra Mile Awards to Joe Bailey, Brian Matthews, Keith Rivenbark, Chris Spears and Steven Walker.

## **Introduction of Keep North Carolina Beautiful Award**

The Secretary shared that the Department originally partnered with Keep North Carolina Beautiful in the 1980's helping with litter removal and planting programs. This is an important part of our highway maintenance efforts. Across the state, the divisions work with the local affiliates on Litter Sweep, Adopt-A-Highway, Tarp Day and other efforts to ensure our roads are beautiful. Secretary Trogon welcomed Amy McConkey and Angela Kite with Keep North Carolina Beautiful.

## **DELEGATED AUTHORITY ITEMS**

### **Approval – Award of Highway Construction Contracts in June 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: three bids were rejected for the project on page 1 of 9, page 2 of 9, and page 5 of 9. The remaining projects were awarded by the Secretary to the lowest bidder.

## **Actions**

Chairman Fox reminded members of the Board of the information and briefings they received in previous months to review the Prioritization 6.0 Scoring Criteria, Weights, and Normalization for All Modes. Chairman Fox stated if there were no questions or areas of

discussion, he would accept a motion to approve the P6.0 Workgroup recommendation of Prioritization 6.0 Scoring Criteria, Weights, and Normalization for All Modes. A motion was made by Board Member Clarke and seconded by Board Member Debnam.

Chairman Fox reminded members of the Board of the information and briefings they received in previous months to review the proposed amendment to the NC Toll Project Policy. Chairman Fox stated if there were no questions or areas of discussion, he would accept a motion to approve the proposed amendment to the NC Toll Project Policy. A motion was made by Board Member Tarleton and seconded by Board Member Lathrop.

Chairman Fox reminded members of the Board of the information and briefings they received in previous months to review the Division of Mitigation Services Biennial Budget. Chairman Fox stated if there were no questions or areas of discussion, he would accept a motion to approve the Division of Mitigation Services Biennial Budget. A motion was made by Board Member Moran and seconded by Board Member Taft.

### **DELEGATED AUTHORITY ITEMS**

#### **Approval – Award of Highway Construction Contracts in June 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: three bids were rejected for the project on page 1 of 9, page 2 of 9, and page 5 of 9. The remaining projects were awarded by the Secretary to the lowest bidder.

#### **Approval of Projects**

A motion was made by Board Member Overholt and seconded by Board Member Alford to approve all projects for items G, I-1A, I-2, I-4, K, M, N, O, P, R. (excluding items C, D, E, H, and L as they are delegated authority items and require no formal board action).

Board Member Lathrop abstained from voting on the following project items:

- Item N – Project R-5790 Anson Cabarrus Mecklenburg Stanly Union; Various, Division 10 Program to Upgrade Intersections to Comply with the Americans with Disabilities Act (Ada) Using Transportation Alternatives (Ta) Funds.
- Item N – Project R-5790 Anson; US 74 (Andrew Jackson Highway), Graham Street to Sr 1749. Construct Median.
- Item O – Project 32227 Department of Commerce (Commerce) Wake County; On August 15, 2016, the Department and Commerce entered into a Call Center Agreement for the establishment of an operation to distribute current and pertinent information regarding traffic conditions, rail schedules, travel and tourism. The timeframe for the operation of this service was for three years beginning on September 1, 2016 and ending on September 1, 2019 with two one-year renewal options. The parties now wish to exercise the first one-year option. This Supplemental Rail Agreement No. 1 to the Call Center Agreement would extend the timeframe for the operation of the service for one year beginning on September 1, 2019 and ending on September 1, 2020. All other terms and conditions of the Agreement executed on August 15, 2016 will remain the same.
- Item R - Project 42376.2.1 (U-5114), Parcel 017, US 21 (Statesville Road) and SR 2136 (Gilead Road) Intersection Improvements Mecklenburg County; The Department acquired Permanent Easements for the construction of the improvement of the intersection of US 21 (Statesville Road) and SR 2136 (Gilead Road). The Department agreed to the assignment of an approximate 0.116 acre area of Permanent Easement to Duke Energy Carolinas due to the acquisition of Dukes current utility line and prior rights. Duke Energy Carolinas has agreed to the assignment for no monetary consideration.
- Item O – Project 36249.4031 FDC Amberleigh Shores II SPE, LLC New Hanover County; This Project consists of signal plan and equipment modifications at US 117 (Market Street) and SR 2734 (Marsh Oaks 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 \$5,000.

- Item O – Project 36249.4027 UNC Chapel Hill Orange County; This Project consists of the traffic signal upgrade at SR 1902 (Manning Drive) and West Drive on the UNC Chapel Hill campus and roadway improvements on West 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 \$5,000.
- Item O – Project 36249.4019 UNC REX Healthcare Wake County; This Project consists of modifications to existing traffic signals at Blue Ridge Road intersections in Raleigh. The developer will be responsible for all costs associated with the signals. 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.
- Item O – Project 36249.4020 MPV Properties Mecklenburg County; This Project consists of the modification of a traffic signal located at NC Highway 24/27 and SR 2810 (Rocky River Church 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 \$6,000.

Board Member Alford abstained from voting on the following project item:

- Item O – Project 80000.1.4.78 Carolina Coastal Railway (CLNA) Norfolk Southern Railway Company (NSR) Carteret and Pitt Counties Nash County; This Addendum Number 1 to the CLNA Master Rail Freight Assistance Agreement is for the replacement of sixty-two crossties at ABA Milepost 135.8, one thousand three hundred and forty-three ties at Milepost NS 160.5, upgrade to one-hundred-pound rail and one hundred and thirty-two pound rail, along with track surfacing at Milepost NS 160.5. NSR owns a portion of the railroad. As a partial owner of the railroad, NSR will execute with the Department a Contingent Interest Agreement and Instrument of Indebtedness. The total cost of the project is \$339,184. The Department shall participate in the project costs up to \$169,593.



# **NCDOT Board of Transportation Agenda**

## **ITEM C**

**JUNE 18, 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.  
JUNE 18, 2019  
DIVISION 00002

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C204219  
15BPR.42, 46016.3.1  
STATE FUNDED  
BEAUFORT  
B-5302

PROPOSAL LENGTH 0.622 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.

LOCATION BRIDGE #3 OVER NORFOLK SOUTHERN RAILROAD ON US-17 BUS AND BRIDGE #25 ON  
US-17 BUS OVER PAMLICO RIVER.

EST CONST PROGRESS.... FY-2020..54% OF BID  
FY-2021..44% OF BID  
FY-2022..02% OF BID

RPN 001 6 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 6,520,189.96

DATE AVAILABLE OCT 15 2019

INTER COMPLETION AUG 01 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 28 2022

	\$ TOTALS	% DIFF
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	7,744,580.08	+18.8
S T WOOTEN CORPORATION WILSON, NC	8,093,836.87	+24.1
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	8,503,922.89	+30.4
DANE CONSTRUCTION INC MOORESVILLE, NC	8,812,909.86	+35.2
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	9,219,879.90	+41.4
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC	9,383,895.14	+43.9

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JUNE 18, 2019  
DIVISION 00003

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C204300  
15BPR.24  
STATE FUNDED  
BRUNSWICK

PROPOSAL LENGTH 0.360 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION BRIDGE #13 OVER THE INTRACOASTAL WATERWAY ON NC-904.

EST CONST PROGRESS.... FY-2020..96% OF BID  
FY-2021..04% OF BID

RPN 002 4 BIDDER(S) DBE GOAL 0.00%  
ESTIMATE 2,819,010.80

DATE AVAILABLE JUL 29 2019

FINAL COMPLETION AUG 01 2020

	\$ TOTALS	% DIFF
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	3,773,662.50	+33.9
AMERICAN CIVIL CONSTRUCTORS WEST COAST LLC BENICIA, CA	3,884,000.00	+37.8
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	4,371,617.42	+55.1
LANFORD BROTHERS CO., INC. ROANOKE, VA	4,591,867.60	+62.9

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JUNE 18, 2019  
DIVISION 00003

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C204151  
38365.3.1  
STATE FUNDED  
BRUNSWICK  
B-4438

PROPOSAL LENGTH 0.403 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #47 OVER BEAR PEN ISLAND SWAMP ON NC-211 (GREEN SWAMP RD).

EST CONST PROGRESS.... FY-2020..100% OF BID

RPN 006                      6 BIDDER(S)              DBE GOAL 4.00 %  
ESTIMATE 2,571,390.10

DATE AVAILABLE JUL 29 2019

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

FINAL COMPLETION NOV 11 2020

	\$ TOTALS	% DIFF
S & C CONSTRUCTION LLC WILMINGTON, NC	2,481,392.67	-3.5
T A LOVING COMPANY GOLDSBORO, NC	2,691,310.00	+4.7
S T WOOTEN CORPORATION WILSON, NC	2,694,803.84	+4.8
CIVIL WORKS CONTRACTING LLC WILMINGTON, NC	2,940,230.22	+14.3
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC	3,115,612.90	+21.2
DANE CONSTRUCTION INC MOORESVILLE, NC	3,347,284.23	+30.2

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JUNE 18, 2019  
DIVISION 00005

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C204428  
38400.3.3  
BRZ-1433(9)  
FRANKLIN  
B-4516

PROPOSAL LENGTH 0.180 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #52 OVER SANDY CREEK ON SR-1433.

EST CONST PROGRESS.... FY-2020..100% OF BID

RPN 007                      7 BIDDER(S)              DBE GOAL 5.00 %  
ESTIMATE 1,494,497.42

DATE AVAILABLE JUL 29 2019

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

FINAL COMPLETION DEC 12 2020

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,356,049.55	-9.3
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,394,417.22	-6.7
S T WOOTEN CORPORATION WILSON, NC	1,534,127.14	+2.7
DANE CONSTRUCTION INC MOORESVILLE, NC	1,615,469.32	+8.1
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	1,727,370.00	+15.6
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	1,852,371.02	+23.9
CONTI ENTERPRISES, INC EDISON, NJ	2,045,757.00	+36.9

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JUNE 18, 2019  
DIVISION 00007

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\* C204466  
54034.3.1  
NHP-0029(065)  
GUILFORD  
U-5754

PROPOSAL LENGTH    1.018    MILES

TYPE OF WORK    GRADING, PAVING, AND DRAINAGE.

LOCATION            US-29/US-70/US-220 (O'HENRY BLVD) FROM I-40/I-85 BUS TO SOUTH OF FLORIDA ST IN GREENSBORO.

EST CONST PROGRESS.... FY-2020..100% OF BID

RPN   008                      1 BIDDER(S)            DBE GOAL    8.00 %  
ESTIMATE 3,205,961.94

DATE AVAILABLE        JUL 29 2019

INTER COMPLETION    DEC 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION    MAY 29 2020

	\$ TOTALS	% DIFF
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	6,555,737.40	+104.5

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MARCH 19, 2019 LETTING

54034.3.1  
NHP-0029(065)  
GUILFORD  
U-5754  
RPN 009

GRADING, PAVING, AND DRAINAGE

DATE AVAILABLE      APR 29 2019  
FINAL COMPLETION   APR 12 2020

ENGINEER'S ESTIMATE

\$

\$ TOTALS      % DIFF

NO BIDS

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JUNE 18, 2019 LETTING

54034.3.1  
NHP-0029(065)  
GUILFORD  
U-5754  
RPN 008

GRADING, PAVING, AND DRAINAGE

DATE AVAILABLE      JUL 29 2019  
FINAL COMPLETION   MAY 29 2020

ENGINEER'S ESTIMATE

\$3,205,961.94

\$ TOTALS      % DIFF  
6,555,737.40    +104.5

APAC-ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JUNE 18, 2019  
DIVISION 00012

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C204342  
46974.3.1  
STATE FUNDED  
GASTON  
U-6038

PROPOSAL LENGTH                      MILES

TYPE OF WORK    SIGNALS AND ITS.

LOCATION            US-74 (WILKINSON BLVD) FROM NC-7 (CATAWBA ST) TO SR-2209 (WESLEYAN DR).

EST CONST PROGRESS.... FY-2020..100% OF BID

RPN 009                      5 BIDDER(S)            DBE GOAL    0.00%

ESTIMATE 829,394.90

DATE AVAILABLE            JUL 29 2019

FINAL COMPLETION        MAY 01 2020

	\$ TOTALS	% DIFF
WORLD FIBER TECHNOLOGIES LLC ALPHARETTA, GA	779,821.34	-6.0
WATSON ELECTRICAL CONSTRUCTION CO LLC WILSON, NC	870,579.00	+5.0
ALS OF NORTH CAROLINA LLC SALISBURY, NC	873,477.00	+5.3
TRAFFIC CONTROL DEVICES INC ALTAMONTE SPRINGS, FL	924,000.00	+11.4
BROOKS BERRY HAYNIE & ASSOCIATES, INC. MABLETON, GA	1,039,286.62	+25.3

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JUNE 18, 2019  
DIVISION 00013

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C204341  
44390.3.1  
STATE FUNDED  
MCDOWELL  
U-5818

PROPOSAL LENGTH 0.530 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, RETAINING WALLS & STRS.

LOCATION SR-1001 FROM I-40 WB RAMPS TO 0.3 MILES WEST OF I-40 EB RAMPS.

EST CONST PROGRESS.... FY-2020..57% OF BID  
FY-2021..38% OF BID  
FY-2022..05% OF BID

RPN 010 5 BIDDER(S) DBE GOAL 4.00 %  
ESTIMATE 12,195,975.87

DATE AVAILABLE JUL 29 2019

INTER COMPLETION SEP 15 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 14 2022

	\$ TOTALS	% DIFF
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	12,358,341.47	+1.3
NHM CONSTRUCTORS LLC ASHEVILLE, NC	14,650,031.32	+20.1
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	14,726,225.54	+20.7
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	15,288,378.50	+25.4
BLYTHE DEVELOPMENT CO CHARLOTTE, NC	15,779,918.47	+29.4

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JUNE 18, 2019  
DIVISION 00014

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C204330  
48037.3.3  
BRNHS-0023(28)  
JACKSON  
B-5905

PROPOSAL LENGTH 0.235 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

LOCATION BRIDGE #27 OVER SCOTT CREEK AND SOUTHERN RAILROAD ON US-23 BUS.

EST CONST PROGRESS.... FY-2020..42% OF BID  
FY-2021..34% OF BID  
FY-2022..22% OF BID  
FY-2023..02% OF BID

RPN 003                      5 BIDDER(S)              DBE GOAL 4.00 %  
ESTIMATE 10,315,676.55

DATE AVAILABLE JUL 29 2019

INTER COMPLETION SEP 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION FEB 28 2023

	\$ TOTALS	% DIFF
WRIGHT BROTHERS CONSTRUCTION COMPANY INC CHARLESTON, TN	14,097,804.83	+36.7
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	15,947,164.34	+54.6
FLUOR ENTERPRISES, INC. GREENVILLE, SC	16,997,000.00	+64.8
SUMMERS TAYLOR INC ELIZABETHTON, TN	19,124,116.83	+85.4
DANE CONSTRUCTION INC MOORESVILLE, NC	21,787,974.00	+111.2

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JUNE 18, 2019  
DIVISION 00014

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C204248  
50193.3.1  
STATE FUNDED  
CHEROKEE  
R-5735

PROPOSAL LENGTH 1.216 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND SIGNALS.

LOCATION US-19/74/64/129 FROM END OF 4 LANE DIVIDED SECTION TO US-19 BUSINESS (HIWASSEE ST).

EST CONST PROGRESS.... FY-2020..52% OF BID  
FY-2021..41% OF BID  
FY-2022..07% OF BID

RPN 004 2 BIDDER(S) DBE GOAL 5.00 %  
ESTIMATE 15,734,633.50

DATE AVAILABLE SEP 16 2019

INTER COMPLETION OCT 15 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 13 2022

	\$ TOTALS	% DIFF
WRIGHT BROTHERS CONSTRUCTION COMPANY INC CHARLESTON, TN	22,692,801.73	+44.2
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC AS	23,856,386.15	+51.6

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ESTIMATE TOTAL	55,686,731.04	
LETTING TOTAL	71,840,191.57	+29.0

**NCDOT July 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 Deputy Secretary**

**Transportation Planning Division**

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:	2018 Traffic Forecasting LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 5% / \$25,000.00

Description of work:	2018 Traffic Forecasting LSC
Firm:	Patriot Transportation Engineering PLLC, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	100%

Description of work:	2018 Traffic Forecasting LSC
Firm:	WSP USA Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%

## Chief Operating Officer

### Office of Strategic Initiatives & Program Support

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:	2018 Strategic General Services Consultant LSC
Firm:	The Boston Consulting Group Inc, Chicago, IL
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$3,500,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of work:	2018 Strategic General Services Consultant LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$2,500,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	Mercator Advisors LLC
	5% / \$150,000.00
SPSF Utilization:	The Kercher Group Inc
	10% / \$300,000.00

Description of work:	2018 Strategic General Services Consultant LSC
Firm:	KPMG LLP, Montvale, NJ
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$6,000,000.00
Supplemental Fee:	\$2,500,000.00
SPSF Utilization:	0%

## **Chief Engineer**

## **Deputy Chief Engineer**

## **Field Support**

### **Materials & Tests 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 inspection, testing and analysis of materials and pavements on an as needed basis for various federal-aid and state funded projects to support the Materials & Tests Unit. These contracts will expire two (2) years, with one (1) possible one-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 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	A. Morton Thomas & Associates Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/MBE Utilization:	Capstone Civil Engineering, Inc. 10% / \$100,000.00

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	Applied Pavement Technology, Inc., Urbana, IL
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization:	100%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	Bureau Veritas North America Inc, Chicago, IL
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	Carolina Prestressed Inspection Co, Mount Pleasant, SC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	DRMP Inc, Orlando, FL
Maximum Engineering Fee:	\$1,800,000.00
SPSF Utilization:	0%
Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	ECS Southeast LLP, Fayetteville, NC
Maximum Engineering Fee:	\$4,000,000.00
DBE/MBE Utilization:	Capstone Civil Engineering, Inc. 10% / \$400,000.00
Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	ESP Associates Inc, Charlotte, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	Greenman-Pedersen Inc, Scranton, PA
Maximum Engineering Fee:	\$150,000.00
SPSF Utilization:	0%
Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	0%
Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	HRV Conformance Verification Associates Inc, Moon Township, PA
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE Utilization:	100%
Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	Imaginative Services Group LLC, Fayetteville, GA
Maximum Engineering Fee:	\$100,000.00
SPSF Utilization:	0%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	Kleinfelder Inc, Los Angeles, CA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	KPR Engineering, PLLC, Hubert, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	100%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	KTA-Tator, Inc., Pittsburgh, PA
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	LDF Consultants LLC, Chesapeake, VA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	Pace Engineering Services PLLC, Middlesex, NC
Maximum Engineering Fee:	\$1,800,000.00
SPSF Utilization:	0%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	Pennoni Associates Inc, Philadelphia, PA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Maximum Engineering Fee:	\$6,000,000.00
SPSF Utilization:	0%



Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC  
Firm: S&ME Inc, Raleigh, NC  
Maximum Engineering Fee: \$8,000,000.00  
SPSF Utilization: The Transtec Group Inc  
2% / \$160,000.00

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC  
Firm: Sepi Engineering & Construction Inc, Raleigh, NC  
Maximum Engineering Fee: \$1,800,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC  
Firm: Summit Design and Engineering Services PLLC, Hillsborough, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC  
Firm: Terracon Consultants Inc, Raleigh, NC  
Maximum Engineering Fee: \$1,500,000.00  
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.  
5% / \$75,000.00

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC  
Firm: TRC Engineers, Inc., Pittsburgh, PA  
Maximum Engineering Fee: \$3,500,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC  
Firm: Trimat Materials Testing Inc, Durham, NC  
Maximum Engineering Fee: \$150,000.00  
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC  
Firm: Volkert Inc, Birmingham, AL  
Maximum Engineering Fee: \$3,500,000.00  
SPSF Utilization: 0%

Description of Work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	Wood Environment & Infrastructure Solutions Inc, Alpharetta, GA
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

## Highway Operations

### Roadside Environmental Unit – Erosion Control Engineering Section

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 Erosion and Sediment Control Design Statewide on an as needed basis for various federal-aid and state funded projects to support the Roadside Environmental Unit. These contracts will expire three (3) years with one (1) optional one-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 Erosion and Sediment Control Design Statewide LSC
Firm:	Alpha & Omega Group PC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	0%

Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	Calyx Engineers and Consultants Inc, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	Dewberry Engineers Inc, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	EL Robinson Engineering Co, Charleston, WV
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	Kimley-Horn & Associates Inc, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	LJB Inc, Miamisburg, OH
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	MA Engineering Consultants Inc, Cary, NC
Maximum Engineering Fee:	\$500,000.00
DBE/MBE Utilization:	100%
Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	Moffatt & Nichol Incorporated, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	0%
Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	Parsons Transportation Group Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	Ramey Kemp & Associates Inc, Atlanta, GA
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	2019 Erosion and Sediment Control Design Statewide LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC  
Firm: Sepi Engineering & Construction Inc, Raleigh, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC  
Firm: STV Engineers, Inc., Charlotte, NC  
Maximum Engineering Fee: \$750,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC  
Firm: Summit Design and Engineering Services PLLC,  
Hillsborough, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC  
Firm: TGS Engineers, Shelby, NC  
Maximum Engineering Fee: \$750,000.00  
SPSF Utilization: 100%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC  
Firm: VHB Engineering NC, P.C., Watertown, MA  
Maximum Engineering Fee: \$750,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC  
Firm: Wetherill Engineering, Inc., Raleigh, NC  
Maximum Engineering Fee: \$750,000.00  
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC  
Firm: WSP USA Inc, Raleigh, NC  
Maximum Engineering Fee: \$750,000.00  
SPSF Utilization: 0%

## Divisions

### Division 1-4, and 6

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.

### DIVISIONS 1-4, and 6

Description of work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$17,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 5% / \$150,000.00
SPSF Utilization:	Environmental Services Inc 5% / \$150,000.00
DBE/MBE Utilization:	MA Engineering Consultants Inc 5% / \$150,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$150,000.00
Description of work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	Calyx Engineers and Consultants Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$8,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 1% / \$10,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$20,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 2% / \$20,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 2% / \$20,000.00

## **Division 5**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to provide Construction Engineering and Inspection services listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

### **DIVISION 5**

Project:	35869.3.1 (U-2719) Wake County; 35868.3.4 (U-4437) Wake County Raleigh - I-440 / US 1, South of SR 1313 (Walnut Street) to North of SR 1728 (Wade Avenue) in Raleigh. Widen from Four to Six Lanes and Improve Storage at Lake Boone Trail Interchange and Install Ramp Meters; NC 54 (Hillsborough Street) from SR 1664/SR 3074(Blue Ridge Road) in vicinity of NC railroad (CSX Corporation and Norfolk Southern) in Raleigh Construct Grade Separations and Access Road between NC 54 and SR 1664/SR 3074
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$322,500,000.00; \$50,700,000.00;
Firm:	The Louis Berger Group Inc, Chicago, IL
Maximum Engineering Fee:	\$25,500,000.00
SPSF Utilization:	0%

## **Division 10**

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 10**

Description of work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Kimley-Horn & Associates Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 8% / \$80,000.00

### Division 10

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to provide Construction Engineering and Inspection services listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

#### DIVISION 10

Project:	43609.3.2 (I-5507) Mecklenburg County; 34331.3.25 (R-0211EC) Mecklenburg County; 39078.3.8 (U-4714AB) Mecklenburg County I-485 from I-77 South of Charlotte to US 74 (Independence Boulevard). Add one express lane in each direction; I-485 (Charlotte Southern Outer Loop) at SR 3468 (Weddington Road). Construct Interchange; SR 1009 (John Street - Old Monroe Road) at I-485. Improve Interchange.
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$285,900,000.00; \$18,000,000.00; \$19,000,000.00
Firm:	Sepi Engineering & Construction Inc, Raleigh, NC
Maximum Engineering Fee:	\$14,000,000.00
DBE/WBE Utilization:	CECS, LLP 5% / \$700,000.00

### Division 10

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to provide Construction Engineering and Inspection services listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

#### DIVISION 10

Project:	34446.3.4 (R-2530B) Stanly County; 39922.3.1 (B-4974) Stanly County; 15BPR.43 Stanly County NC 24 - 27 From Bird Road in Albemarle to West of the Pee Dee River; Replace Bridge 51 over Pee Dee River on NC 24-73-27; NC 24,27,73, EBL, over Pee Dee River - Str #830050
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$60,100,000.00; \$12,900,000.00; \$20,154,128.00
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Maximum Engineering Fee:	\$6,000,000.00
SPSF Utilization:	0%

## Statewide

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:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee:	\$15,000,000.00
Previous Supplemental Fee:	\$30,000,000.00
Supplemental Fee:	\$10,000,000.00
SPSF Utilization:	0%

Description of work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Summit Design and Engineering Services PLLC, Hillsborough, NC
Original Engineering Fee:	\$15,000,000.00
Previous Supplemental Fee:	\$25,000,000.00
Supplemental Fee:	\$10,000,000.00
SPSF Utilization:	0%

Description of work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	S&ME Inc, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Previous Supplemental Fee:	\$10,000,000.00
Supplemental Fee:	\$10,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 10% / \$1,000,000.00



## 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 1

Project:	34470.1.TA1 (R-2576) Currituck County Mid-Currituck Bridge, from Coinjock to Corolla
Scope of Work:	Project development, environmental, and engineering services
Estimated Construction Cost:	\$360,400,000.00
Firm:	WSP USA Inc, Raleigh, NC
Original Engineering Fee:	\$2,600,000.00
Previous Supplemental Fee:	\$5,602,300.00
Supplemental Fee:	\$350,000.00 and a two (2) year time extension
Supplemental Work:	Additional project development, environmental, and engineering assistance is needed during the litigation, procurement, and permitting phases of the project.
SPSF Utilization:	0%

**NCDOT JULY 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 July 2019 Board meeting.

## NCDOT July 2019 Board of Transportation Agenda

### Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
<b>Division 2</b>				
Carteret	51874	0.48	<b>B.R. Clodfelter</b> Extend SR 1265, Utopia Drive	5/01/19
<b>Division 3</b>				
Onslow	51875	0.02 0.03 0.10	<b>Southwest Plantation</b> Squire Court Thistle Court Pine Lakes Drive	5/15/19
Onslow	51876	0.22 0.26 0.07 0.13	<b>Southwest Plantation</b> Extend SR 2450, Southwest Plantation Drive Saw Grass Drive Southern Dunes Drive Bear Run	5/15/19
<b>Division 4</b>				
Johnston	51877	0.59 0.49 0.03 0.04 0.11 0.05 0.05	<b>Broadmoor West</b> Extend SR 3182, Tayside Street Dongola Street Lantana Circle Stillwood Court Vintage Court Peninsula Court Wishbone Circle	4/9/19
Johnston	51878	0.05 0.34 0.05 0.06	<b>Pecan Grove</b> Vernon Lane Kenneth Lane Borgo Court Gloria Grande Court	4/22/19
<b>Division 5</b>				
Franklin	51884	0.34 0.28 0.10	<b>Wynden Place</b> Carriden Drive Ballentrae Lane Inverness Court	5/26/19
Granville	51879	0.16	<b>Landings at New Light</b> Kelsey Way	5/3/19

## NCDOT July 2019 Board of Transportation Agenda

### Additions to the State Highway System:

Additions to the State Highway System				
County	Pet. No.	Length Added (Miles)	Description	Date of Report
<b>Division 7</b>				
Guilford	51880		<b>Moss Creek</b>	4/18/18
		0.79	Southerland Drive	
		0.11	Chatsworth Court	
		0.07	Bashkir Way	
		0.45	Old Berkshire Drive	
		0.09	Blagdon Court	
		0.06	Clybourn Court	
Rockingham	51881		<b>Collybrooke</b>	1/11/19
		0.20	Willowbrooke Way	
		0.15	Tillingham Trace	
		0.06	Collybrooke Way	
<b>Division 9</b>				
Davie	51882		<b>McAllister Park</b>	5/21/19
		0.19	Extend SR 1915, Nellwood Court	
		0.09	Drayton Court	

## NCDOT July 2019 Board of Transportation Agenda

### Abandonments from the State Highway System:

County	Pet. No.	Length Abandoned (Miles)	Description	Date of Report
<b>Division 5</b> Person	51883	0.21	Portion of SR 1370 Glennie Irvin Road, Retain 0.69 miles.	4/22/19

**Summary:**                    **Number of roads petitioned for addition – 34**  
                                     **Number of roads petitioned for abandonment - 1**

### Corrections:

County	Requested Action
Caldwell	Petition 51787 approved on February 7, 2019 incorrectly listed the addition length of Zach's Farm Road as 0.40 miles. The correct length of approval should have been 0.41 miles.  Rescind the correction made on June 2, 2019 to petition 51787.
Onslow	Petition 51835 added 0.17 miles to SR 2279, Deep Inlet Drive on May 2, 2019. This distance should be corrected to 0.16 miles.
Onslow	Petition 51816 approved April 4, 2019 incorrectly listed Olde Towne Pointe Boulevard as Old Towne Pointe Boulevard.
Onslow	Petition 51706 approved on October 12, 2018 incorrectly listed Olde Towne Pointe Boulevard as Olde Towne Point Boulevard.
Vance	Petition 51839 approved on May 2, 2019 incorrectly listed S. Cinnebar Ct. as South Cinnabar Ct. and incorrectly listed N. Cinnebar Ct. as North Cinnabar Ct.

# NCDOT JULY 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 4 Nash	Realign skewed intersection at SR 1001 and SR 1145 to increase sight distance and remove grassed median WBS 80100	Contingency <hr/> TOTAL	\$70,000.00 <hr/> \$70,000.00
Div 8 Montgomery	Grade, drain, base, and provide erosion control to upgrade to NCDOT standards the following USFS roads in Uwharrie National Forrest: USFS 576 (Moccasin Creek Rd) from SR 1153 to USFS 553 (Dutch John Road); USFS 553 (Dutch John Rd) from USFS 576 to USFS 6584 (Green Gap Rd); and USFS 6584 (Green Gap Rd) from USFS 553 to end Forest Service Property WBS 48809	Contingency <hr/> TOTAL	\$100,000.00 <hr/> \$100,000.00
Div 13 Buncombe	WBS 47878 was established (02/18) to add a left turn lane at the intersection of NC 191 (Brevard Rd) and NC 146 (Long Shoals Rd) Increase funds	High Impact / Low Cost <hr/> TOTAL	\$307,000.00 <hr/> \$307,000.00
Div 13 Buncombe	Drainage upgrades at the intersection of SR 2468 (Lake Eden Rd) and SR 2435 (Old US-70) in Swannanoa to accommodate a 25-year storm WBS 48807	Small Construction <hr/> TOTAL	\$125,747.00 <hr/> \$125,747.00

#### **Deletion:**

Div 13, Rutherford County – WBS 47872 was established (02/18) for intersection improvements to address issues at 6-point intersection at NC 120, Old Mooresboro Rd (SR 1931), Race Path Church Rd (SR 1921), Goode Rd (SR 1990) and Franklin Rd; Scope change limited to additional signage due to ROW & historical properties

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

<b>Summary:</b>	<b>Number of Divisions</b>	<b>3</b>
	<b>Number of Projects</b>	<b>4</b>
<b>Small Construction Commitment</b>		<b>\$125,747.00</b>
<b>Public Access Commitment</b>		<b>\$0.00</b>
<b>Contingency Commitment</b>		<b>\$170,000.00</b>
<b>Economic Development Commitment</b>		<b>\$0.00</b>
<b>High Impact/Low Cost Commitment</b>		<b>\$307,000.00</b>
<b>TOTAL:</b>		<b>\$602,747.00</b>

## **NCDOT July 2019 Board of Transportation Agenda**

### **Public Transportation Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
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	There will be no items presented for approval at the June 27, 2019, Board of Transportation meeting.	
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NCDOT Board of Transportation Agenda  
Public Transportation Program  
July 2019 STIP Amendment

Estimates in thousands

ADDITION to the Transit 2018-2027 STIP

TP-5162	GORALEIGH	CAPITAL OPERATING	OPERATIONS FY 2019-	\$2,500	(L)
WAKE		GORALEIGH ACCESS	FY 2019-	\$2,500	(FUZ)
		PARATRANSIT SERVICE		<u>\$5,000</u>	

FUNDING ADDED TO FY 2019 AT THE REQUEST OF THE CAPITAL AREA MPO.

ITEM I-1A SUMMARY

	NUMBER OF				
	<u>PROJECTS</u>	<u>FEDERAL</u>	<u>STATE</u>	<u>LOCAL</u>	<u>TOTALS</u>
ADDITION S	1	2500		2500	\$5,000
	1				\$5,000

## NCDOT July 2019 Board of Transportation Agenda

### Rail Program

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Division 9 Davidson County 80000.3.1.18	<p>The Rail Division requests board approval of Freight Rail &amp; Rail Crossing Safety Improvement (FRRCSI) funds for the construction of a rail industrial access spur and switching yard that will serve Egger Wood Products LLC (Egger). Egger will be responsible for the construction of the project. The total estimated cost of the project is \$1,471,723. The total estimated cost to the Department is \$400,000.</p> <p>FRRCSI ID: F19301</p>	\$400,000

## **NCDOT July 2019 Board of Transportation Agenda**

### **Division of Bicycle and Pedestrian Transportation**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
	There will be no items presented for approval at the June 27, 2019 Board of Transportation meeting.	

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Hertford Co. Div. 1 R-5811 DIVISION	WBS 46980.2.1 NC 461 from NC 45 to end of state maintenance. \$10,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$150,000.00
Northampton Co. Div. 1 R-2582A STATEWIDE/ DIVISION	WBS 34472.1.4 US 158 from I-95 / NC 46 in Roanoke Rapids to SR 1312 (St. John Church Road) in Northampton County. \$2,532,991.39 has previously been approved for preliminary engineering. \$2,532,991.39 of Statewide/Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$1,265,679.91 of <b>Build NC Bonds</b> funds are requested. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$1,265,679.91
Perquimans Co. Div. 1 R-5740 DIVISION	WBS 50198.1.1 SR 1329 (Woodville Road) from SR 1331 (Red Bank Road) to SR 1300 (New Hope Road). \$742,182.00 has previously been approved for preliminary engineering. \$677,525.83 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Tyrrell Co. Div. 1 B-5936 STATEWIDE	WBS 46478.3.1 Bridge # 7 over Alligator River on US 64. \$18,750,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$650,000.00
Craven Co. Div. 2 R-4463A REGIONAL	WBS 35601.1.R2 NC 43 Connector from US 17 to south of US 70. \$825,000.00 has previously been approved for preliminary engineering. \$825,000.00 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$54,222.03 of <b>Build NC Bonds</b> funds are requested.	\$54,222.03

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Craven Co. Div. 2 R-5777B REGIONAL	WBS 44648.1.3 US 70 at West Thurman Road / East Thurman Road. \$1,000,000.00 has previously been approved for preliminary engineering. \$56,375.80 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Greene Co. Div. 2 R-5812 DIVISION	WBS 46981.1.1 US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91. \$500,000.00 has previously been approved for preliminary engineering. \$500,000.00 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$280,257.20 of <b>Build NC Bonds</b> funds are requested.	\$280,257.20
Pitt Co. Div. 2 U-5917 DIVISION	WBS 44679.1.1 SR 1704 (Fourteenth Street) from Red Banks Road to SR 1708 (Firetower Road). \$1,375,000.00 has previously been approved for preliminary engineering. \$1,069,358.30 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Wilmington/ New Hanover Co. Div. 3 U-4751WM STATEWIDE	WBS 40191.4.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$7,493,292.00 has previously been approved for mitigation charges for permits. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$250,000.00
Onslow Co. Div. 3 U-5735 REGIONAL	WBS 54025.3.2 US 17 (Wilmington Highway) at SR 1130 (Old Maple Hurst Road). Construct interchange. Initial funds are requested in advance of construction to address immediate pipe replacement need.	\$165,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Sampson Co. Div. 3 R-2303C STATEWIDE	WBS 34416.3.S1 NC 24 from SR 1404 (Dowdy Road) to SR 1303 (Mitchell Loop Road). \$58,200,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This is a Strategic Transportation Investments Transition project.</b>	\$625,000.00
Sampson Co. Div. 3 R-2303E STATEWIDE/ DIVISION	WBS 34416.1.S1 NC 24 from US 421 - 701 / SR 1296 (Sunset Avenue) to SR 1935 (Cecil Odie Road). \$3,137,599.00 has previously been approved for preliminary engineering. \$2,410,739.12 of Statewide/Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Sampson/ Duplin Cos. Div. 3 R-2303F STATEWIDE/ DIVISION	WBS 34416.1.S2 NC 24 from SR 1935 (Cecil Odie Road) in Sampson County to I-40 in Duplin County. \$467,182.00 has previously been approved for preliminary engineering. Additional funds are requested using Division Tier funding.	\$500,000.00
Edgecombe Co. Div. 4 U-4424 DIVISION	WBS 39062.2.2 NC 111 (Wilson Street) from US 64 Alternate (Western Boulevard) to NC 122 (McNair Road). Initial funds are requested for full right of way and utilities.	\$4,004,000.00
Nash Co. Div. 4 I-6045 STATEWIDE	WBS 47994.1.1 US 64 (Future I-87) from SR 1306 (South Old Franklin Road) to I-95. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$40,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wayne Co. Div. 4 I-6048 STATEWIDE	WBS 47997.1.1 US 117 (Future I-795) from US 70 to Duplin County line. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$40,000.00
Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.1.2 US 117 from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. \$1,520,000.00 has previously been approved for preliminary engineering. \$1,520,000.00 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$167,841.01 of <b>Build NC Bonds</b> funds are requested.	\$167,841.01
Wayne Co. Div. 4 U-3609B REGIONAL	WBS 39026.1.2 US 13 (Berkeley Boulevard) from SR 1003 (New Hope Road) to SR 1572 (Saulston Road). \$2,000,000.00 has previously been approved for preliminary engineering. \$1,027,671.13 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Wake/ Johnston Cos. Divs. 4/5 R-2829 STATEWIDE	WBS 35517.2.1 Eastern Wake Freeway from I-40 to south of Garner to US 64/264 Knightdale Bypass. \$507,776.00 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.	\$410,000.00
Durham Co. Div. 5 U-5745 REGIONAL	WBS 50166.1.1 NC 751 (Hope Valley Road) at SR 1183 (University Drive) intersection in Durham. \$400,500.00 has previously been approved for preliminary engineering. \$44,500.00 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$397,267.55 of <b>Build NC Bonds</b> funds are requested.	\$397,267.55

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Granville Co. Div. 5 B-5157WM DIVISION	WBS 42332.4.1 Replace Bridge #178 over Fox Creek on SR 1304. Initial funds are required for mitigation charges for permits.	\$7,804.00
Wake Co. Div. 5 U-5302 REGIONAL	WBS 48000.1.1 US 401 from south of SR 1006 (Old Stage Road) to south of SR 2538 (Mechanical Boulevard) / Garner Station Boulevard in Garner. \$1,145,000.00 has previously been approved for preliminary engineering. \$1,010,718.57 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Wake Co. Div. 5 U-5746 REGIONAL	WBS 54032.2.1 US 401 from Wake Technical Community College to SR 1010 (Ten-Ten Road). Initial funds are requested for full right of way and utilities.	\$3,000,000.00
Wake Co. Div. 5 U-5748 REGIONAL	WBS 50168.1.1 US 401 at SR 2044 (Ligon Mill Road) / SR 2224 (Mitchell Mill Road) intersection in Raleigh. \$1,300,000.00 has previously been approved for preliminary engineering. \$673,664.44 of Regional Strategic Transportation Investment funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Wake Co. Div. 5 U-5750 REGIONAL	WBS 50170.1.1 NC 54 from NC 540 to Perimeter Park Drive in Morrisville. \$1,850,000.00 has previously been approved for preliminary engineering. \$1,287,793.93 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00



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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 U-5827 DIVISION	WBS 44400.1.1 SR 1632 (Louis Stephens Drive) from Poplar Pike Lane in Morrisville to SR 2153 (Little Drive) in Research Triangle Park. \$918,519.00 has previously been approved for preliminary engineering. \$850,470.62 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Wake Co. Div. 5 U-6099 DIVISION	WBS 48365.3.1 SR 5220 (Jones Sausage Road) from SR 1004 (East Garner Road) to I-40 in Garner. Initial funds are requested for construction. <b>This is an Economic Development project.</b>	\$4,500,000.00
Columbus Co. Div. 6 R-5819 STATEWIDE	WBS 47091.3.2 US 74 / US 76 at SR 1740 (Old Lake Road). Initial funds are requested for work in advance of construction to install enhanced signing along US 74 and the y lines.	\$15,000.00
Guilford Co. Div. 7 R-4707 REGIONAL	WBS 36599.1.5 US 29 / SR 4771 (Reedy Fork Parkway) at US 29 / SR 4771 (Reedy Fork Parkway) interchange in Greensboro. \$3,035,000.00 has previously been approved for preliminary engineering. \$2,535,197.80 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Guilford Co. Div. 7 U-2412WM DIVISION	WBS 34802.4.1 SR 1486 / SR 1421 (Jamestown Parkway) from I-74 to West of SR 1480 (Vickrey Chapel Road). \$4,282,954.00 has previously been approved for mitigation charges for permits. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$150,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. Div. 7 U-2581BA DIVISION	WBS 34840.1.4 US 70 from SR 3045 (Mount Hope Church Road) to SR 3175 (Birch Creek Road). \$1,000,000.00 has previously been approved for preliminary engineering. \$661,990.43 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
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. \$775,000.00 has previously been approved for preliminary engineering. \$775,000.00 of Division Strategic Transportation Investments will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$113,132.16 of <b>Build NC Bonds</b> funds are requested.	\$113,132.16
Montgomery Co. Div. 8 R-2527 STATEWIDE/ REGIONAL	WBS 35572.1.1 NC 24 - 27 from NC 73 to the Troy Bypass. \$4,792,020.19 has previously been approved for preliminary engineering. \$4,792,020.19 of Statewide/Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$412,645.44 of <b>Build NC Bonds</b> funds are requested. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$412,645.44
Randolph Co. Div. 8 R-2536WM STATEWIDE	WBS 34450.4.8 US 64 (Asheboro Southern Bypass) from US 64 West of Asheboro to existing US 64 East of Asheboro and Zoo Connector from East of SR 2839 (Staleys Farm Road) to existing NC 159 Zoo entrance. \$20,971,099.00 has previously been approved for mitigation charges for permits. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$575,000.00
Randolph Co. Div. 8 U-5308 DIVISION	WBS 47028.1.2 SR 1547 (Finch Farm Road) from south of SR 3106 (Kennedy Road) to I-85. \$1,800,000.00 has previously been approved for preliminary engineering. \$1,433,457.99 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Forsyth Co. Div. 9 R-2247 STATEWIDE	WBS 34409.2.1 Winston Salem Northern Beltway from I-40 to US 52. \$896,902.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This project has previously been identified as a Trust Fund Urban Loop project.</b>	\$500,000.00
Forsyth Co. Div. 9 U-2729 DIVISION	WBS 34853.1.2 SR 1672 (Hanes Mill Road) from Museum Drive to SR 4000 (University Parkway). \$1,000,000.00 has previously been approved for preliminary engineering. \$715,342.13 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Cabarrus/ Mecklenburg Cos. Div. 10 U-6032 DIVISION	WBS 46965.1.1 SR 2467 (Mallard Creek Road) / SR 1445 (Derita Road) from I-485 to Concord Mills Boulevard (SR 1445). \$1,050,000.00 has previously been approved for preliminary engineering. \$1,018,365.55 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Mecklenburg Co. Div. 10 U-4713A DIVISION	WBS 39077.1.2 SR 3440 (McKee Road Extension) from SR 3448 (Pleasant Plains Road) to SR 1009 (John Street). \$435,000.00 has previously been approved for preliminary engineering. \$435,000.00 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$241,456.84 of Build NC Bonds funds are requested.	\$241,456.84
Mecklenburg Co. Div. 10 U-5108 <b>BONUS ALLOCATION</b>	WBS 42370.2.2 Northcross Drive Extension from end of Northcross Drive to Westmoreland Road in Cornelius. \$1,193,750.00 additional Federal-Aid funds. (See page M-10 for Federal funding). Funds are needed for full right of way and utilities.	\$261,250.00

**NCDOT July 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
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. \$5,224,231.37 has previously been approved for preliminary engineering. \$5,224,231.37 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$260,269.79 of <b>Build NC Bonds</b> funds are requested. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$260,269.79
Union Co. Div. 10 B-5243WM DIVISION	WBS 42845.4.1 Bridge #258 over South Fork Crooked Creek on SR 1008 and the intersection of SR 1009 and SR 1371. Initial funds are requested for mitigation charges for permits.	\$176,280.00
Lincoln/ Mecklenburg Cos. Divs. 10/12 R-5721 REGIONAL	WBS 50215.1.1 NC 73 from NC 16 Business in Lincoln County to SR 5544 (West Catawba Avenue) in Mecklenburg County. \$1,415,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$600,000.00
Watauga Co. Div. 11 B-5118WM DIVISION	WBS 42256.4.1 Replace Bridge #55 over Lance Creek on SR 1557. Initial funds are requested for mitigation charges for permits.	\$20,280.00
Wilkes Co. Div. 11 R-5759 DIVISION	WBS 44691.1.1 NC 115 from US 421 to 2nd Street. \$1,000,00.00 has previously been approved for preliminary engineering. \$721,164.40 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cleveland Co. Div. 12 R-2707WM REGIONAL	WBS 34497.4.6 US 74 Shelby Bypass from East of NC 226 to East of NC 150. \$5,478,181.00 has previously been approved for mitigation charges for permits. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$155,000.00
Gaston Co. Div. 12 U-6038 DIVISION	WBS 46974.2.2 US 74 (Wilkinson Boulevard) from NC 7 (Catawba Street) to SR 2209 (Wesleyan Drive). Initial funds are requested for utilities.	\$40,000.00
Iredell Co. Div. 12 R-5100A DIVISION	WBS 41890.1.2 SR 1109 (Williamson Road) from I-77 to SR 1100 (Brawley School Road). \$500,000.00 has previously been approved for preliminary engineering. \$216,011.20 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Iredell Co. Div. 12 U-5799 REGIONAL	WBS 44371.1.1 US 21 from SR 1933 to Fort Dobbs Road. \$637,721.22 has previously been approved for preliminary engineering. \$637,721.22 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$ 693,808.96 of <b>Build NC Bonds</b> funds are requested.	\$693,808.96
Iredell Co. Div. 12 U-5817 <b>BONUS ALLOCATION</b>	WBS 44389.2.1 Extend SR 1246(Fairview Road) over I-77 to connect with SR 1206 (Alcove Road) and construct parallel north-south connector road to SR 1109 (Williamson Road). \$4,812,500.00 additional Federal-Aid funds. (See page M-13 For Federal funding.) Funds are needed for full right of way and utilities.	\$4,487,500.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Buncombe Co. Div. 13 U-6162 DIVISION	WBS 48616.1.1 SR 1332 (North Louisiana Avenue) from US 19/23 (Patton Avenue) to SR 1338 (Emma Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$540,000.00
Buncombe Co. Div. 13 U-6163 DIVISION	WBS 48618.1.1 SR 3116 (Mills Gap Road) at SR 3136 (Cane Creek Road) intersection. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$150,000.00
Burke Co. Div. 13 U-6123 REGIONAL	WBS 48388.1.1 US 64 (Burkemont Avenue) at US 70 (West Fleming Drive). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$210,000.00
McDowell Co. Div. 13 U-5818 DIVISION	WBS 44390.1.1 SR 1001 (Sugar Hill Road) from I-40 westbound ramps to 0.3 mile west of I-40 eastbound ramps. \$604,848.20 has previously been approved for preliminary engineering. \$604,848.20 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$541,848.83 of <b>Build NC Bonds</b> funds are requested.	\$541,848.83
Rutherford Co. Div. 13 R-5880 REGIONAL	WBS 48385.1.1 US 221 at SR 2201 (Thunder Road)/SR 1005 (Coxe Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$150,000.00

**NCDOT July 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Rutherford Co. Div. 13 U-5833 DIVISION	WBS 50225.1.1 SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. \$674,000.00 has previously been approved for preliminary engineering. Additional funds of \$718,667.60 of <b>Build NC Bonds</b> funds are requested.	\$718,667.60
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.1.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to US 19 Business (Hiwassee Street). \$4,178,393.00 has previously been approved for preliminary engineering. \$2,002,863.12 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.2.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to US 19 Business (Hiwassee Street). \$1,300,000.00 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.	\$915,000.00
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.1.D1 NC 175 from Georgia State Line to US 64, upgrade roadway. \$1,948,893.00 has previously been approved for preliminary engineering. \$1,911,194.94 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.2.1 NC 175 from Georgia State Line to US 64, upgrade roadway. \$2,750,000.00 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.	\$450,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Haywood Co. Div. 14 U-5839 DIVISION	WBS 50230.1.1 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). \$2,743,401.00 has previously been approved for preliminary engineering. \$1,909,140.12 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Haywood Co. Div. 14 U-5888 DIVISION	WBS 44625.2.1 Intersection of US 23 Business (North Main Street) and Walnut Street. \$950,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,100,000.00
Haywood Co. Div. 14 U-5888 DIVISION	WBS 44625.1.1 Intersection of US 23 Business (North Main Street) and Walnut Street. \$461,484.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$212,000.00
Henderson Co. Div. 14 I-4400C REGIONAL	WBS 34232.2.5 I-26 from US 25 Business (Exit 44) to NC 280 (Exit 40). \$2,000,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,640,000.00
Henderson Co. Div. 14 R-5207C DIVISION	WBS 45393.3.5 SR 1006 (Howard Gap Road) from SR 1539 (Jackson Road) to US 25 in Fletcher. \$956,348.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$350,000.00



**NCDOT July 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Henderson Co. Div. 14 U-5840 DIVISION	WBS 50231.1.D1 SR 1547 (Old Airport Road) from US 25 to Mills Gap Road. \$1,182,367.95 has previously been approved for preliminary engineering. \$81,367.95 of Division Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds. Additional funds of \$1,139,367.78 of <b>Build NC Bonds</b> funds are requested.	\$1,139,367.78
Henderson Co. Div. 14 U-5840 DIVISION	WBS 50231.2.1 SR 1547 (Old Airport Road) from US 25 to Mills Gap Road. \$1,940,000.00 has previously been approved for right of way. Additional funds are requested.	\$357,000.00
Henderson Co. Div. 14 U-6124 REGIONAL	WBS 48386.1.1 NC 280 (Boylston Highway) at NC 191 (Haywood Road) to NC 191 (Old Haywood Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$280,000.00
Jackson Co. Div. 14 R-5881 REGIONAL	WBS 48375.1.1 US 64 at NC 107. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$450,000.00
Macon Co. Div. 14 R-5734A DIVISION	WBS 50192.2.1 US 23/ US 441 from US 64 to SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle). \$1,700,000.00 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.	\$1,120,000.00

**NCDOT July 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Macon Co. Div. 14 R-5734B REGIONAL	WBS 50192.1.2 US 23 / US 441 from SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle) to SR 1649 (Prentiss Bridge Road). \$975,000.00 has previously been approved for preliminary engineering. \$685,480.54 of Regional Strategic Transportation Investments funds will be <b>replaced with Build NC Bonds</b> funds.	\$0.00
Macon Co. Div. 14 R-5846 DIVISION	WBS 47089.1.1 NC 106 (Dillard Road) from Georgia State Line to US 64 (Main Street) in Highlands. \$1,100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$317,000.00
Polk Co. Div. 14 I-4729 REGIONAL/ DIVISION	WBS 34243.1.3 I-26/ US 74/ NC 108 interchange. \$2,435,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$43,000.00
Polk Co. Div. 14 I-4729A REGIONAL	WBS 34243.3.2 I-26 / US 74 / NC 108 interchange. \$26,400,000.00 has previously been approved for construction. Additional funds are requested.	\$2,500,000.00
Swain Co. Div. 14 R-5843 DIVISION	WBS 47085.1.1 SR 1321 (Bryson Walk), SR 1336 (Depot Street) from SR 1323 (Slope Street) to SR 1336 (Deep Creek Road). Improve intersection. \$600,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$125,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Swain Co. Div. 14 R-5843 DIVISION	WBS 47085.2.1 SR 1321 (Bryson Walk), SR 1336 (Depot Street) from SR 1323 (Slope Street) to SR 1336 (Deep Creek Road). Improve intersection. \$100,000.00 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.	\$585,000.00
Transylvania Co. Div. 14 R-5882 REGIONAL	WBS 48376.1.1 US 64 (South Broad Street) at US 64 Business (South Caldwell Street) / SR 1116 (North Country Club Road) intersection. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$516,000.00
Statewide M-0392 STATEWIDE/ REGIONAL/ DIVISION	WBS 40290.1.2 Hydraulics and preliminary engineering for miscellaneous projects. \$2,229,436.00 has previously been approved for preliminary engineering. Additional funds are requested for support of 2D modeling of Lumber River and I-95 in Lumberton to support impact analysis and design requirements using 40% Statewide (\$164,000.00) / 30% Regional (\$123,000.00) / 30% Division (\$123,000.00) Tier funding.	\$410,000.00
Statewide F-5703B DIVISION	WBS 47256.3.2 Two support/anchor tugs, one support tug and three barges. \$4,200,000.00 has previously been approved for construction. Additional funds are requested.	\$4,600,000.00
Statewide M-0479 STATEWIDE/ REGIONAL/ DIVISION	WBS 46314.1.S1 Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects. \$9,530,000.00 has previously been approved for preliminary engineering. Additional funds are requested for additional design work. Additional funds are requested using 40% Statewide (\$1,000,000.00) / 30% Regional (\$750,000.00) / 30% Division (\$750,000.00) Tier funding.	\$2,500,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	9 PROJECTS	\$3,105,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	23 PROJECTS	\$11,239,409.34
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	39 PROJECTS	\$22,904,094.41
STATEWIDE/DIVISION TRANSPORTATION INVESTMENTS	3 PROJECTS	\$1,765,679.91
STATEWIDE/REGIONAL TRANSPORTATION INVESTMENTS	1 PROJECTS	\$412,645.44
STATEWIDE/REGIONAL/DIVISION TRANSPORTATION INVESTMENTS	2 PROJECTS	\$2,910,000.00
REGIONAL/DIVISION TRANSPORTATION INVESTMENTS	1 PROJECTS	\$43,000.00
BONUS ALLOCATION STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$4,748,750.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>80 PROJECTS</b>	<b>\$47,128,579.10</b>

**NCDOT July 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**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Carteret Co. Div. 2 SS-4902DH	WBS 48742.1.2 SR 1124 (Nine Mile Road/Nine Foot Road) between NC 24 and US 70. Initial Spot Safety preliminary engineering funds are needed for warning sign revisions. File 02-18-54444P	\$5,000.00
New Bern/ Craven Co. Div. 2 SS-4902DE	WBS 48739.1.2 NC 55 (Neuse Boulevard) at SR 1309/SR 1402 (Glenburnie Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal, signing, and pavement marking revisions. File 02-17-46888P	\$5,000.00
New Bern/ Craven Co. Div. 2 SS-4902DF	WBS 48740.1.2 SR 1395 (Martin Luther King Boulevard) at Degrafenreid Avenue/Jefferson Avenue; SR 1395 at SR 1215 (Simmons Street; SR 1395 at Pinetree Drive; SR 1395 at Hotel Drive; SR 1395 at US 70 Westbound Ramps; US 17 Business (Martin Luther King Boulevard) at US 70 Eastbound Ramps; US 17 Business at New Bern Mall/Walmart; US 17 Business at Lowe's Boulevard; US 17 Business at Red Robin Lane; US 17 Business at McCarthy Boulevard. Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 02-18-52752P	\$30,000.00
Pitt Co. Div. 2 SS-4902DG	WBS 48741.1.2 SR 1206 (Bell Arthur Road) between 0.07 mile west of SR 1208 (Kinsaul-Willoughby Road) and 0.15 mile southeast of SR 1127 (Frog Level Road). Initial Spot Safety preliminary engineering funds are needed for warning sign and pavement marking revisions, supplemental Stop sign and monolithic island construction on SR 1127, and shoulder improvements. File 02-18-53594P	\$30,000.00
Wilmington/ New Hanover Co. Div. 3 SS-4903EC	WBS 48743.1.2 US 17 Business (Market Street) and US 17 Business (3rd Street). Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 03-19-48672P	\$10,000.00

**NCDOT July 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Jacksonville/ Onslow Co. Div. 3 SS-4903ED	WBS 48744.1.2 SR 1308 (Gumbranch Road) and Williamsburg Parkway. Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 03-19-48239P	\$9,000.00
Jacksonville/ Onslow Co. Div. 3 SS-4903EE	WBS 48745.1.2 US 17 Business (Wilmington Highway) and SR 1400 (Broadhurst Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 03-19-54178P	\$4,000.00
Jacksonville/ Onslow Co. Div. 3 SS-4903EG	WBS 48782.1.2 SR 1336 (Henderson Drive) in the vicinity of Jacksonville High School. Initial Spot Safety preliminary engineering funds are needed for pedestrian hybrid beacon installation. File 03-19-56341P	\$12,000.00
Johnston Co. Div. 4 SM-5704E	WBS 48803.1.1 US 70 Business at Town Centre Boulevard. Initial Spot Mobility preliminary engineering funds are needed for traffic signal and pavement marking revisions for a dynamic left turn intersection. File 04-19-57270P	\$10,000.00
Johnston Co. Div. 4 SM-5704E	WBS 48803.3.1 US 70 Business at Town Centre Boulevard. Initial Spot Mobility construction funds are needed for traffic signal and pavement marking revisions for a dynamic left turn intersection. File 04-19-57270C	\$40,000.00

**NCDOT July 2019 Board of Transportation Agenda  
Approval of Funds for Specific Spot Safety Improvement Projects  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Johnston Co. Div. 4 SS-4904EY	WBS 48746.1.2 NC 42 between Johnson Estate Road and the US 70 westbound ramps. Initial Spot Safety preliminary engineering funds are needed for pavement marking and signing revisions. File 04-19-55811P	\$1,000.00
Cary/ Wake Co. Div. 5 SM-5705AE	WBS 48802.1.1 SR 1009 (Tryon Road) at SR 3977 (Cary Parkway). Initial Spot Mobility preliminary engineering funds are needed for traffic signal and pavement marking revisions for a dynamic left turn intersection. File 05-19-57095P	\$5,000.00
Cary/ Wake Co. Div. 5 SM-5705AE	WBS 48802.3.1 SR 1009 (Tryon Road) at SR 3977 (Cary Parkway). Initial Spot Mobility construction funds are needed for traffic signal and pavement marking revisions for a dynamic left turn intersection. File 05-19-57095C	\$40,000.00
Cary/ Wake Co. Div. 5 SM-5705AE	WBS 48802.2.1 SR 1009 (Tryon Road) at SR 3977 (Cary Parkway). Initial Spot Mobility right of way and utilities funds are needed for traffic signal and pavement marking revisions for a dynamic left turn intersection. File 05-19-57095R	\$10,000.00
Harnett Co. Div. 6 SS-4906ED	WBS 48757.1.2 SR 1006 (Old Stage Road) at SR 1532 (Langdon Road). Initial Spot Safety preliminary engineering funds are needed for All-Way Stop installation. File 06-19-56083P	\$1,000.00

**NCDOT July 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Robeson Co. Div. 6 SS-4906EE	WBS 48758.1.2 NC 211 at SR 1318 (McQueen Road). Initial Spot Safety preliminary engineering funds are needed for All-Way Stop installation. File 06-19-56141P	\$1,000.00
Guilford Co. Div. 7 SS-4907CN	WBS 48759.1.2 SR 1113 (Kivett Drive) at SR 1145 (Riverdale Drive) east of High Point. Initial Spot Safety preliminary engineering funds are needed for All-Way Stop and flasher installation, and radius improvements. File 07-19-5963P	\$5,000.00
Davidson Co. Div. 9 SS-4909CM	WBS 48761.1.2 NC 150 northbound from north of Freyes Creek northward to SR 3271 (Meadowlark Drive). Initial Spot Safety preliminary engineering funds are needed for shoulder improvements and guardrail installation. File 09-19-5958P	\$25,000.00
Mecklenburg Co. Div. 10 SM-5710C	WBS 47660.2.1 I-485 at SR 1004 (Lawyers Road) near Charlotte. \$75,000 in Spot Mobility right of way and utilities funds has previously been approved for widening and turn lane construction. Funds will not be needed, therefore, reduce funds and close. File 10-16-253-1-1	-\$75,000.00
Mecklenburg Co. Div. 10 SM-5710C	WBS 47660.3.1 I-485 at SR 1004 (Lawyers Road) near Charlotte. \$400,000.00 in Spot Mobility construction funds has previously been approved for widening and turn lane construction. Additional funds are needed due to an increase in construction costs. File 10-16-253-1-2	\$160,000.00



**NCDOT July 2019 Board of Transportation Agenda**  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mint Hill/ Mecklenburg Co. Div. 10 SS-4910DP	WBS 48762.1.2 SR 5223 (Wilgrove Mint Hill Road) between NC 51 and Pine Hill Road. Initial Spot Safety preliminary engineering funds are needed for roadway improvements. File 10-18-208P	\$5,000.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910DQ	WBS 48763.1.2 SR 1009 (Monroe Road) at Ashmore Drive. Initial Spot Safety preliminary engineering funds are needed for sight distance improvements and pedestrian refuge installation. File 10-18-227P	\$20,000.00
Wesley Chapel/ Union Co. Div. 10 SM-5710E	WBS 47905.2.1 SR 1346 (Potter Road) and SR 1162 (Wesley Chapel Road) in Wesley Chapel. \$20,000.00 in Spot Mobility right of way and utilities funds has previously been approved for roundabout installation. This project was set up only as a 20% state match to allocated STBGDA (Surface Transportation Block Grant Program - Direct Attributable) funds for this location. U-6087 (47882) will construct the project. Transfer \$20,000.00 from SM-5710E (47905.2.1) to cover the 20% state match needed, and then close WBS 47905.2.1. File 10-17-211-1	\$0.00
Monroe/ Union Co. Div. 10 SM-5710G	WBS 47907.3.1 US 74 and NC 200 in Monroe. \$250,000.00 in Spot Mobility construction funds has previously been approved for turn lane construction. Additional funds are needed due to an increase in construction costs. File 10-17-277-3	\$200,000.00
Monroe/ Union Co. Div. 10 SM-5710G	WBS 47907.2.1 US 74 and NC 200 in Monroe. \$50,000.00 in Spot Mobility right of way and utilities funds has previously been approved for turn lane construction. Additional funds are needed due to an increase in right of way and utilities costs. File 10-17-277-2	\$50,000.00

**NCDOT July 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**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Monroe/ Union Co. Div. 10 SM-5710G	WBS 47907.1.1 US 74 and NC 200 in Monroe. \$25,000.00 in Spot Mobility preliminary engineering funds has previously been approved for turn lane construction. Additional funds are needed due to an increase in preliminary engineering costs. File 10-17-277-1	\$20,000.00
Avery Co. Div. 11 SS-4911BF	WBS 48766.1.2 US 221 Between NC 194 and SR 1503 (Mill Timber Creek Road). Initial Spot Safety preliminary engineering funds are needed for guardrail installation. File 11-18-204P	\$5,000.00
Boone/ Watauga Co. Div. 11 SS-4911BD	WBS 48764.1.2 US 321/US 421/W. King Street at SR 1102 (Water Street). Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 11-19-200P	\$5,000.00
Watauga Co. Div. 11 SS-4911BE	WBS 48765.1.2 NC 194 in the vicinity of SR 1328 (Brookshire Road). Initial Spot Safety preliminary engineering funds are needed for installation of an electronic LED (solar powered) blinker sign, reflectors on existing guardrail, and wider edge lines. File 11-19-201P	\$1,000.00
Lincolnton/ Lincoln Co. Div. 12 SS-4912CZ	WBS 48767.1.2 NC 27/150 (East Main Street) at SR 1001 (Salem Church Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal and pavement marking revisions. File 12-19-200P	\$5,000.00

**NCDOT July 2019 Board of Transportation Agenda  
Approval of Funds for Specific Spot Safety Improvement Projects  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Burke Co. Div. 13 SS-4913DA	WBS 48768.1.2 NC 181 from SR 1414 to SR 1263 near Morganton. Initial Spot Safety preliminary engineering funds are needed for centerline rumble stripes installation. File 13-19-200P	\$10,000.00
McDowell Co. Div. 13 SS-4913DB	WBS 48769.1.2 NC 226 from US 64 to SR 1794 near Marion. Initial Spot Safety preliminary engineering funds are needed for centerline rumble stripes installation. File 13-19-201P	\$10,000.00
Cherokee Co. Div. 14 SS-4914DT	WBS 48771.1.2 SR 1428 (Airport Rd.) from SR 1374 to 0.4 mile west of SR 1376 near Marble. Initial Spot Safety preliminary engineering funds are needed for guardrail installation. File 14-19-203P	\$5,000.00
Transylvania Co. Div. 14 SS-4914DS	WBS 48770.1.2 US 64 from US 178 to SR 1337 near Rosman. Initial Spot Safety preliminary engineering funds are needed for centerline rumble stripes installation. File 14-19-201P	\$5,000.00
<b>ITEM L SUMMARY</b>	<b>34 PROJECTS</b>	<b>\$669,000.00</b>

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

**Division 1**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Northampton Co. Z-5700AA DIVISION	44803.3.28, RR-1314(008) Railway-Highway Grade Crossing Safety Project at SR 1314 (Pleasant Grove Road) and CSX Crossing #630 105C near Gumberry. Funds are needed for construction to revise grade crossing signals and gates.	\$270,000.00 \$243,000.00 \$27,000.00	Cost Fed. State

**Supportive Services Work Program**

Pasquotank Co. M-0460AJ EXEMPT	50084.1.19, NST-0NST(018) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI High School Student Program at Elizabeth City State University (ECSU).	\$49,777.00 \$49,777.00	Cost Fed.
Pasquotank Co. M-0460AK EXEMPT	50084.1.20, NST-0NST(019) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Middle School Student Program at Elizabeth City State University (ECSU).	\$59,595.00 \$59,595.00	Cost Fed.

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

**Division 2**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Pitt Co.	44848.3.14, HSIP-0011(041)	\$677,000.00	Cost
W-5702N	NC 11 at SR 1131 (Reedy Branch Road) in Winterville. Funds	\$609,300.00	Fed.
REGIONAL	are needed for construction to install super street.	\$67,700.00	State

**Rural**

Craven Co.	34360.2.5, NHF-0070(049)	\$40,000.00	Cost
R-1015	US 70 (Havelock Bypass) from north of Pine Grove to just	\$32,000.00	Fed.
DIVISION/ REGIONAL	north of the Carteret County Line. \$4,000,000.00 has previously been approved for utilities. Additional funds are needed as requested.	\$8,000.00	State

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

**Division 3**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
New Hanover Co. U-3338C REGIONAL	34932.2.5, STP-1175(011) SR 1175 (Kerr Avenue) at the US 74 (Martin Luther King, Jr. Parkway) interchange in Wilmington. \$400,000.00 has previously been approved for utilities. Additional funds are needed as requested.	\$1,175,000.00 Cost \$940,000.00 Fed. \$235,000.00 State

**Safety**

Brunswick Co. W-5703Q REGIONAL	44849.2.17, HSIP-0130(012) NC 130 (Whiteville Road) at SR 1321 (Longwood Road) and SR 1330 (Waccamaw School Road). Funds are needed for full right of way and utilities.	\$270,000.00 Cost \$243,000.00 Fed. \$27,000.00 State
New Hanover Co. W-5703R REGIONAL	44849.1.18, HSIP-0132(013) NC 132 (South College Road) at Bragg Drive. Funds are needed for preliminary engineering.	\$112,000.00 Cost \$100,800.00 Fed. \$11,200.00 State

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

**Division 4**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Divisionwide W-5704Z STATEWIDE	44850.3.26, HSIP-00SS(056) Install thermoplastic pavement markings along various routes in Highway Division 4. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 28, 2019.	\$5,838,000.00 Cost \$5,254,200.00 Fed. \$583,800.00 State
Wayne Co. W-5704F REGIONAL	44850.2.6, HSIP-0581(030) NC 581 between SR 1317 (Buck Swamp Road) and SR 1324 (Nor-Am Road). Funds are needed for full right of way and utilities.	\$252,418.00 Cost \$227,176.00 Fed. \$25,242.00 State

**Supportive Services Work Program**

Halifax Co. M-0460AL EXEMPT	50084.1.24, NST-0NST(023) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at Roanoke-Chowan Community College.	\$51,889.00 Cost \$51,889.00 Fed.
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**Rural**

Edgecombe Co. R-5784DF DIVISION	44914.3.14, TAP-0441(016) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000. Funds are needed for construction to install concrete curb ramps and retrofit existing ramps.	\$945,900.00 Cost \$756,720.00 Fed. \$79,500.00 State \$109,680.00 Local
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**NCDOT July 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. C-5604IA EXEMPT	43714.3.3, CMS-0540(032) Panther Creek Greenway including bridge over Panther Creek and a grade separated crossing at I-540 and Green Level Church Road in Cary. \$1,257,300.00 has previously been approved for construction. Additional funds are needed as requested to install the greenway.	\$2,850,000.00 Cost \$1,425,000.00 Fed. \$1,425,000.00 Local
Wake Co. C-5604ID EXEMPT	43714.2.16, CMAQ-0503(035) Higgins Greenway Expansion Project (Phase 3) to extend greenway approximately 0.8 mile toward downtown Cary. Funds are needed for full right of way and utilities.	\$1,900,000.00 Cost \$1,520,000.00 Fed. \$380,000.00 Local

**Urban**

Wake Co. U-5530NA DIVISION	44111.3.10, TAPDA-0517(012) Research Triangle Park (RTP) / Morrisville Davis Drive Trailway Project. \$2,330,000.00 has previously been approved for construction. Additional funds are needed as requested to complete the trail.	\$210,000.00 Cost \$105,000.00 Fed. \$105,000.00 State
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**Safety**

Divisionwide W-5705Z STATEWIDE	44851.3.26, HSIP-00SS(023) Various Interstate and National Highway System routes in Highway Division 5. Funds are needed for construction to replace guardrail end units.	\$690,000.00 Cost \$621,000.00 Fed. \$69,000.00 State
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**Supportive Services Work Program**

Vance Co. M-0460EB EXEMPT	50084.1.23, NST-0NST(022) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at Vance-Granville Community College.	\$30,485.00 Cost \$30,485.00 Fed.
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**NCDOT July 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 6**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cumberland Co. B-4091(L) REGIONAL	33449.2.3, BRSTBG-0095(052) Landscaping - Bridge #85 over Cape Fear River on SR 1737 in Fayetteville (Combined with B-4949(L): Landscaping for Bridge #61 over Cross Creek on I-95 Business / US 301). \$142,231.00 has previously been approved for landscape development. Additional funds are needed as requested for landscaping.	\$192,800.00 \$192,800.00	Cost Fed.
Cumberland Co. B-4490 STATEWIDE	33727.2.FSU1, BRNHS-0024(024) Replace Bridge #116 over two railways and Hillsboro Street on NC 24 / NC 210 in Fayetteville. \$860,000.00 has previously been approved for utilities. Additional funds are needed as requested.	\$2,000,000.00 \$1,600,000.00 \$400,000.00	Cost Fed. State

**Supportive Services Work Program**

Robeson Co. M-0460FC EXEMPT	50841.1.22, NST-0NST(021) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at University of North Carolina Pembroke.	\$39,269.00 \$39,269.00	Cost Fed.
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**Rural**

Cumberland Co. X-0002CC(L) STATEWIDE	35196..3.24, NHP-0295(006) Landscaping - Fayetteville Outer Loop from SR 1007 (All American Freeway) to east of US 401 (Ramsey Street). Funds are needed for landscaping.	\$310,000.00 \$248,000.00 \$62,000.00	Cost Fed. State
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**NCDOT July 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 7**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Orange Co. W-5707K DIVISION	44853.3.11, HSIP-1010(016) Franklin Street Pedestrian Improvement Project - SR 1010 (West Franklin Street) between Graham Street and Brewer Lane, including the SR 1927 / SR 1771 (Merritt Mill Road) intersection in Chapel Hill. Funds are needed for construction to install pedestrian accommodations.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State

**Supportive Services Work Program**

Guilford Co. M-0460GD EXEMPT	50084.1.21, NST-0NST(020) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at North Carolina A&T State University.	\$63,168.00 Cost \$63,168.00 Fed.
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**Bicycle and Pedestrian**

Guilford Co. EL-5101DL DIVISION	41823.3.21, STPDA-0708(042) Various sidewalk projects in Greensboro. Funds are needed for construction to install sidewalks.	\$5,532,500.00 Cost \$4,426,000.00 Fed. \$1,106,500.00 Local
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**NCDOT July 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 8**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Moore Co. Z-5700HB DIVISION	44803.3.35, RR-0829(009) Railway-Highway Grade Crossing Safety Project at Saint Andrews Drive and Aberdeen Carolina & Western Railway (ACWR) Crossing #465 770G in Pinehurst. Funds are needed for construction to revise grade crossing signals and gates.	\$260,000.00 Cost \$234,000.00 Fed. \$26,000.00 State
Randolph Co. Z-5700HC DIVISION	44803.3.36, RR-1689(002) Railway-Highway Grade Crossing Safety Project at SR 1689 (Stewart Street) and Norfolk Southern Crossing #722 431L near Sophia. Funds are needed for construction to revise grade crossing signals and gates.	\$325,000.00 Cost \$292,500.00 Fed. \$32,500.00 State

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

**Division 9**

**Supportive Services Work Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Forsyth Co. M-0460IA EXEMPT	50084.1.25, NST-0NST(024) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at Winston-Salem State University.	\$36,106.00 \$36,106.00	Cost Fed.

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

**Division 10**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cabarrus Co. C-4916C EXEMPT	44016.3.4, CMS-1034(009) Oakwood Avenue Sidewalk Project along Oakwood Avenue from Windsor Drive to Rogers Lake Road in Kannapolis. \$920,875.00 has previously been approved for construction. Additional funds are needed as requested to install sidewalks.	\$1,436,000.00 Cost \$1,148,800.00 Fed. \$287,200.00 Local

**Urban**

Mecklenburg Co. U-5108 DIVISION	42370.2.2, STBGDA-1001(093) Northcross Drive Extension from NC 73 in Huntersville to Westmoreland Road in Cornelius. This project also includes \$261,250.00 of Strategic Transportation Investment (STI) Bonus Allocation funds (see page K-8 for State STI funding). Funds are needed for full right of way and utilities. This is a Strategic Transportation Investments Transition project.	\$1,193,750.00 Cost \$955,000.00 Fed. \$238,750.00 State
Union Co. U-5987 DIVISION	45966.3.1, STBGDA-1001(078) SR 1367 (Unionville Indian Trail Road) and SR 1515 (Sardis Church Road). Funds are needed for construction to install roundabout and intersection improvements.	\$2,210,000.00 Cost \$1,657,500.00 Fed. \$552,500.00 Local
Union Co. U-6087 DIVISION	47882.2.1, STBGDA-1003(170) SR 1346 (Potter Road) at SR 1162 (Wesley Chapel Road). Funds are needed for full right of way and utilities.	\$100,000.00 Cost \$59,000.00 Fed. \$20,000.00 State \$21,000.00 Local

**Bridge**

Cabarrus Co. B-5375 DIVISION	46090.2.1, BRZ-1132(010) Replace Bridge #137 over Dutch Buffalo Creek on SR 1132. Funds are needed for full right of way and utilities.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 State
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**NCDOT July 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Mecklenburg Co. W-5710GB REGIONAL	44856.3.33, HSIP-0052(058) US 52 from the Norwood City Limits northward to NC 138. Funds are needed for construction to install intersection improvements.	\$1,184,500.00 \$1,066,050.00 \$118,450.00	Cost Fed. State
Mecklenburg Co. W-5710R REGIONAL	44856.2.18, HSIP-0051(033) NC 51 from SR 3687 (Park Road) to SR 3611 (Carmel Road). Funds are needed for full right of way and utilities.	\$600,000.00 \$540,000.00 \$60,000.00	Cost Fed. State
Stanly Co. W-5710AF DIVISION	44856.2.34, HSIP-1200(099) SR 1200 (Bethel Church Road) and SR 1211 (Coley Store Road) near Locust. Funds are needed for full right of way and utilities.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State
Union Co. W-5710Q REGIONAL	44856.3.17, HSIP-0205(004) NC 205 at NC 218 in Union County. Funds are needed for construction to install roundabout.	\$875,000.00 \$787,500.00 \$87,500.00	Cost Fed. State

**Supportive Services Work Program**

Mecklenburg Co. M-460JA EXEMPT	50084.1.26, NST-0NST(025) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at Johnson C. Smith University.	\$54,397.00 \$54,397.00	Cost Fed.
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**NCDOT July 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10 (Continued)**

**Bicycle and Pedestrian**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cabarrus Co. EB-5844 DIVISION	47301.1.1, TAP-2154(003) Little Texas Road Sidewalk Project to install sidewalks along SR 2154 (Little Texas Road) from SR 2180 (Lane Street) to NC 3 (Dale Earnhardt Boulevard) in Kannapolis. Funds are needed for preliminary engineering.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 Local
Mecklenburg Co. EB-5786 DIVISION	46432.3.1, STBGDA-1003(151) Little Sugar Creek Greenway Extension from Ramblewood Lane in Charlotte to Cadillac Street in Pineville. Funds are needed for construction to install greenway.	\$2,740,000.00 Cost \$2,192,000.00 Fed. \$548,000.00 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. Funds are needed for preliminary engineering.	\$145,000.00 Cost \$116,000.00 Fed. \$29,000.00 Local

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

**Division 12**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Iredell Co. U-5817 DIVISION	44389.2.1, STBG-1246(003) Fairview Road Extension Project to extend SR 1246 (Fairview Road) over I-77 to SR 1206 (Alcove Road) and construct parallel north-south connector to SR 1109 (Williamson Road). This is a two-year cashflow project with \$778,000.00 of Federal funds in FFY19 and \$3,072,000.00 in FFY20; and Bonus Allocation State Match funds of \$194,500.00 in FFY19 and \$768,000.00 in FFY20. This project also includes \$4,487,500.00 of Strategic Transportation Investment (STI) Bonus Allocation funds (see page K-10 for State STI funding). Funds are needed for full right of way and utilities.	\$4,812,500.00 Cost \$3,850,000.00 Fed. \$962,500.00 State

**Rural**

Alexander Co. R-5870 EXEMPT	47917.2.1, APD-1232(007) Appalachian Development Project to construct access road to Alexander Industrial Park. Funds are needed for full right of way and utilities.	\$75,000.00 Cost \$75,000.00 Fed.
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**NCDOT July 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 13**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Buncombe Co. I-5888B STATEWIDE	46408.3.3, NHPIM-0040(086) I-40 Bridge Rehabilitation in Buncombe County from the Haywood County Line (Milemarker 37) to Milemarker 44. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 28, 2019	\$5,000,000.00 Cost \$4,000,000.00 Fed. \$1,000,000.00 State

**Urban**

Burke Co. U-6057 EXEMPT	47412.3.1, APD-1302(084) Appalachian Development Project to construct connector road from South Sterling Street to West Parker Road in Morganton. Funds are needed for construction to install roadway on new location.	\$1,375,000.00 Cost \$1,375,000.00 Fed.
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**NCDOT July 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 14**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Transylvania Co. B-5550 DIVISION	43653.1.F1, BRSTP-1402(011) Replace Bridge #102 over Kings Creek on Railroad Avenue in Brevard. \$341,885.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$28,190.00 Cost \$22,552.00 Fed. \$5,638.00 Local

**Rural**

Divisionwide A-0009 EXEMPT	32572.1.FS10, APD-0074(178) Appalachian Development Project for US 74 Corridor "K" from US 19 / US 74 / US 129 in Andrews to NC 28 east of Almond. \$950,000.00 has previously been approved for environmental planning. Additional funds are needed as requested.	\$478,000.00 Cost \$478,000.00 Fed.
Henderson Co. R-5771 EXEMPT	46877.1.1, APD-1690(001) Appalachian Development Project to improve SR 1690 (Broadpointe Drive) and replace Bridge #107 over Knob Creek in Henderson County. \$235,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$180,000.00 Cost \$180,000.00 Fed.

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

**Statewide**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Statewide	44803.1.1, RR-000S(889)	\$710,000.00	Cost
Z-5700	Statewide Planning for Highway-Railway Grade Crossing	\$639,000.00	Fed.
SW/REG/DIV	Safety Projects at various locations across the state. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$71,000.00	State

**Supportive Services Work Program**

Statewide	50141.1.6, OJT-00JT(023)	\$153,724.00	Cost
M-0478F	NCDOT Supportive Services allocation for On-the-Job (OJT)	\$153,724.00	Fed.
STATEWIDE	Training. Funds are needed for program implementation.		
Statewide	50142.1.6, DBE-00SS(074)	\$1,240,000.00	Cost
M-0480F	NCDOT Supportive Services for Disadvantaged Business	\$1,240,000.00	Fed.
EXEMPT	Enterprise (DBE) Statements of Work. Funds are needed for program implementation.		

## HIGHWAY PROGRAM STIP ADDITIONS

### DIVISION 3

* EB-6034	SR 1144 (FIRST STREET), CONSTRUCTION OF BIKE	ENGINEERING	FY 2019 -	\$39,000	(TADA)
BRUNSWICK	LANES ON BOTH SIDES OF FIRST STREET FROM		FY 2019 -	\$31,000	(L)
<b>PROJ.CATEGORY</b>	RALEIGH STREET TO BEAUFORT STREET IN OCEAN	RIGHT-OF-WAY	FY 2020 -	\$77,000	(TADA)
DIVISION	ISLE BEACH.		FY 2020 -	\$63,000	(L)
	<b><u>PROJECT ADDED AT REQUEST OF MPO.</u></b>	CONSTRUCTION	FY 2020 -	\$270,000	(BGDA)
			FY 2020 -	\$220,000	(L)
				<u>\$700,000</u>	

* EB-6035	SR 1349, SIDEWALK EXTENSION FROM MULBERRY	ENGINEERING	FY 2019 -	\$12,000	(TADA)
BRUNSWICK	PARK ALONG WHITE STREET, CONNECTING WITH		FY 2019 -	\$8,000	(L)
<b>PROJ.CATEGORY</b>	COMMERCIAL DEVELOPMENT AT THE INTERSECTION	RIGHT-OF-WAY	FY 2019 -	\$24,000	(TADA)
DIVISION	OF SMITH AVENUE.		FY 2019 -	\$16,000	(L)
	<b><u>PROJECT ADDED AT REQUEST OF MPO.</u></b>	CONSTRUCTION	FY 2020 -	\$84,000	(BGDA)
			FY 2020 -	\$56,000	(L)
				<u>\$200,000</u>	

* U-6232	NC 130 (HOLDEN BEACH ROAD), MASTER PLANNING	ENGINEERING	FY 2019 -	\$32,000	(BGDA)
BRUNSWICK	STUDY TO EXAMINE ROADWAY IMPROVEMENTS		FY 2019 -	\$8,000	(L)
<b>PROJ.CATEGORY</b>	ALONG THE HOLDEN BEACH CAUSEWAY CORRIDOR.			\$40,000	
DIVISION	<b><u>PROJECT ADDED AT REQUEST OF MPO.</u></b>				

### DIVISION 12

* EB-5977	9TH STREET NW CONNECTOR, CITY WALK TO OLD	ENGINEERING	FY 2019 -	\$278,000	(TADA)
CATAWBA	LENOIR ROAD IN HICKORY. CONSTRUCT MULTI-USE		FY 2019 -	\$70,000	(L)
<b>PROJ.CATEGORY</b>	TRAIL ALONG 9TH STREET NW.	RIGHT-OF-WAY	FY 2020 -	\$86,000	(BGDA)
DIVISION	<b><u>ADD PRELIMINARY ENGINEERING IN FY 19 RIGHT-OF-</u></b>		FY 2020 -	\$22,000	(L)
	<b><u>WAY IN FY 19 AND CONSTRUCTION IN FY 20 NOT</u></b>	CONSTRUCTION	FY 2020 -	\$1,168,000	(BGDA)
	<b><u>PREVIOUSLY PROGRAMMED.</u></b>		FY 2020 -	\$292,000	(L)
				<u>\$1,916,000</u>	

## STIP MODIFICATIONS

### DIVISION 1

I-6028B	US 64 (FUTURE I-87), US 64 ALTERNATE TO NC 125.	CONSTRUCTION	FY 2020 -	\$5,873,000	(NHPIM)
MARTIN	<b><u>TO STRATEGICALLY BALANCE LETTINGS, DELAY</u></b>			\$5,873,000	
<b>PROJ.CATEGORY</b>	<b><u>CONSTRUCTION FROM FY 19 TO FY 20.</u></b>				
STATEWIDE					

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 1

I-6028C MARTIN	US 64 (FUTURE I-87), NC 125 TO US 13/17 AND US 64 INTERCHANGE.	CONSTRUCTION	FY 2020 -	\$5,242,000	(NHPIM)
<b>PROJ.CATEGORY</b> STATEWIDE	<b><u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u></b>			\$5,242,000	

R-2576 CURRITUCK <b>PROJ.CATEGORY</b> DIVISION	NEW ROUTE, MID-CURRITUCK BRIDGE, COINJOCK TO COROLLA. NEW STRUCTURE OVER CURRITUCK SOUND AND UPGRADE APPROACHES. <b><u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u></b>	GARVEE RIGHT-O	FY 2020 -	\$1,647,000	(BGLT5)
			FY 2021 -	\$1,647,000	(BGLT5)
			FY 2022 -	\$1,647,000	(BGLT5)
			FY 2023 -	\$1,647,000	(BGLT5)
			FY 2024 -	\$1,647,000	(BGLT5)
			FY 2025 -	\$1,647,000	(BGLT5)
			FY 2026 -	\$1,647,000	(BGLT5)
			FY 2027 -	\$1,647,000	(BGLT5)
			FY 2028 -	\$1,647,000	(BGLT5)
			FY 2029 -	\$1,647,000	(BGLT5)
			POST YR-	\$8,235,000	(BGLT5)
		RIGHT-OF-WAY	FY 2020 -	\$3,200,000	(S(M))
			FY 2021 -	\$3,200,000	(S(M))
		UTILITIES	FY 2020 -	\$1,947,000	(BGLT5)
		GARVEE CONSTR	FY 2020 -	\$9,380,000	(BGLT5)
			FY 2021 -	\$9,380,000	(BGLT5)
			FY 2022 -	\$9,380,000	(BGLT5)
			FY 2023 -	\$9,380,000	(BGLT5)
			FY 2024 -	\$9,380,000	(BGLT5)
			FY 2025 -	\$9,380,000	(BGLT5)
			FY 2026 -	\$9,380,000	(BGLT5)
			FY 2027 -	\$9,380,000	(BGLT5)
			FY 2028 -	\$9,380,000	(BGLT5)
			FY 2029 -	\$9,380,000	(BGLT5)
			POST YR-	\$46,900,000	(BGLT5)
		CONSTRUCTION	FY 2020 -	\$9,110,000	(S(M))
			FY 2020 -	\$59,379,000	(BOND R)
			FY 2021 -	\$9,110,000	(S(M))
			FY 2021 -	\$59,379,000	(BOND R)
			FY 2022 -	\$9,110,000	(S(M))
			FY 2022 -	\$59,379,000	(BOND R)
			FY 2023 -	\$9,110,000	(S(M))
			FY 2023 -	\$59,379,000	(BOND R)
				\$447,708,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 1

* R-2582A	US 158/NC 46, I-95/NC 46 IN ROANOKE RAPIDS TO SR	ENGINEERING	FY 2020 -	\$187,000	(T)
NORTHAMPTON	1312 (ST. JOHN CHURCH ROAD) IN NORTHAMPTON		FY 2021 -	\$187,000	(T)
<b>PROJ.CATEGORY</b>	COUNTY.		FY 2022 -	\$187,000	(T)
DIVISION	<u><b>PROJECT TO UTILIZE BUILD NC BONDS FOR</b></u>		FY 2023 -	\$187,000	(T)
	<u><b>PRELIMINARY ENGINEERING.</b></u>		FY 2024 -	\$187,000	(T)
			FY 2025 -	\$187,000	(T)
			FY 2026 -	\$187,000	(T)
			FY 2027 -	\$187,000	(T)
			FY 2028 -	\$187,000	(T)
			FY 2029 -	\$187,000	(T)
			POST YR-	\$935,000	(T)
		BUILD NC CONST	FY 2020 -	\$1,630,000	(T)
			FY 2021 -	\$1,630,000	(T)
			FY 2022 -	\$1,630,000	(T)
			FY 2023 -	\$1,630,000	(T)
			FY 2024 -	\$1,630,000	(T)
			FY 2025 -	\$1,630,000	(T)
			FY 2026 -	\$1,630,000	(T)
			FY 2027 -	\$1,630,000	(T)
			FY 2028 -	\$1,630,000	(T)
			FY 2029 -	\$1,630,000	(T)
			POST YR-	\$8,150,000	(T)
		CONSTRUCTION	FY 2020 -	\$2,320,000	(T)
			FY 2021 -	\$14,693,000	(T)
			FY 2022 -	\$14,694,000	(T)
			FY 2023 -	\$14,693,000	(T)
				\$73,655,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 1

* R-5740	SR 1329 (WOODVILLE ROAD), SR 1331 (RED BANK ROAD) TO SR 1300 (NEW HOPE ROAD). UPGRADE ROADWAY.	ENGINEERING	FY 2020 -	\$42,000	(T)
PERQUIMANS			FY 2021 -	\$42,000	(T)
<b>PROJ.CATEGORY</b>			FY 2022 -	\$42,000	(T)
DIVISION	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</u></b>		FY 2023 -	\$42,000	(T)
			FY 2024 -	\$42,000	(T)
			FY 2025 -	\$42,000	(T)
			FY 2026 -	\$42,000	(T)
			FY 2027 -	\$42,000	(T)
			FY 2028 -	\$42,000	(T)
			FY 2029 -	\$42,000	(T)
			POST YR-	\$210,000	(T)
		BUILD NC CONST	FY 2020 -	\$429,000	(T)
			FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$2,145,000	(T)
		CONSTRUCTION	FY 2020 -	\$800,000	(T)
				\$7,865,000	
U-5942	ELIZABETH CITY, ELIZABETH CITY SIGNAL SYSTEM.	CONSTRUCTION	FY 2020 -	\$2,600,000	(BG5200)
PASQUOTANK	<b><u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u></b>			\$2,600,000	
<b>PROJ.CATEGORY</b>					
REGIONAL					

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 2

\* R-4463A

CRAVEN

**PROJ.CATEGORY**

REGIONAL

NC 43 CONNECTOR, US 17 BUSINESS TO SOUTH OF  
US17/US 70.

**PROJECT TO UTILIZE BUILD NC BONDS FOR  
PRELIMINARY ENGINEERING.**

ENGINEERING	FY 2020 -	\$51,000	(T)
	FY 2021 -	\$51,000	(T)
	FY 2022 -	\$51,000	(T)
	FY 2023 -	\$51,000	(T)
	FY 2024 -	\$51,000	(T)
	FY 2025 -	\$51,000	(T)
	FY 2026 -	\$51,000	(T)
	FY 2027 -	\$51,000	(T)
	FY 2028 -	\$51,000	(T)
	FY 2029 -	\$51,000	(T)
	POST YR-	\$255,000	(T)
RIGHT-OF-WAY	FY 2019 -	\$1,225,000	(T)
UTILITIES	FY 2019 -	\$500,000	(T)
BUILD NC CONST	FY 2020 -	\$472,000	(T)
	FY 2021 -	\$472,000	(T)
	FY 2022 -	\$472,000	(T)
	FY 2023 -	\$472,000	(T)
	FY 2024 -	\$472,000	(T)
	FY 2025 -	\$472,000	(T)
	FY 2026 -	\$472,000	(T)
	FY 2027 -	\$472,000	(T)
	FY 2028 -	\$472,000	(T)
	FY 2029 -	\$472,000	(T)
	POST YR-	\$2,360,000	(T)
CONSTRUCTION	FY 2020 -	\$500,000	(T)
		<u>\$10,070,000</u>	



## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 2

\* R-5777B

CRAVEN

**PROJ.CATEGORY**

REGIONAL

US 70, WEST THURMAN ROAD/EAST THURMAN ROAD.  
CONVERT AT-GRADE INTERSECTION TO  
INTERCHANGE.

**PROJECT TO UTILIZE BUILD NC BONDS FOR  
PRELIMINARY ENGINEERING.**

ENGINEERING	FY 2020 -	\$5,000	(T)
	FY 2021 -	\$5,000	(T)
	FY 2022 -	\$5,000	(T)
	FY 2023 -	\$5,000	(T)
	FY 2024 -	\$5,000	(T)
	FY 2025 -	\$5,000	(T)
	FY 2026 -	\$5,000	(T)
	FY 2027 -	\$5,000	(T)
	FY 2028 -	\$5,000	(T)
	FY 2029 -	\$5,000	(T)
	POST YR-	\$25,000	(T)
BUILD NC ROW	FY 2020 -	\$1,716,000	(T)
	FY 2021 -	\$1,716,000	(T)
	FY 2022 -	\$1,716,000	(T)
	FY 2023 -	\$1,716,000	(T)
	FY 2024 -	\$1,716,000	(T)
	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-	\$8,580,000	(T)
RIGHT-OF-WAY	FY 2020 -	\$1,700,000	(T)
	FY 2021 -	\$1,700,000	(T)
UTILITIES	FY 2020 -	\$300,000	(T)
CONSTRUCTION	FY 2020 -	\$2,500,000	(T)
	FY 2021 -	\$15,834,000	(T)
	FY 2022 -	\$15,833,000	(T)
	FY 2023 -	\$15,833,000	(T)
		<u>\$79,515,000</u>	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 2

* R-5812	US 13 BYPASS, NC 58 (KINGOLD BOULEVARD) TO NC	ENGINEERING	FY 2020 -	\$65,000	(T)
GREENE	91. WIDEN TO THREE LANES WITH CENTER TURN		FY 2021 -	\$65,000	(T)
<b>PROJ.CATEGORY</b>	LANE.		FY 2022 -	\$65,000	(T)
DIVISION	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2023 -	\$65,000	(T)
	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2024 -	\$65,000	(T)
			FY 2025 -	\$65,000	(T)
			FY 2026 -	\$65,000	(T)
			FY 2027 -	\$65,000	(T)
			FY 2028 -	\$65,000	(T)
			FY 2029 -	\$65,000	(T)
			POST YR-	\$325,000	(T)
		BUILD NC CONST	FY 2020 -	\$429,000	(T)
			FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$2,145,000	(T)
		CONSTRUCTION	FY 2020 -	\$300,000	(T)
				\$7,710,000	
U-5606	SR 1598 (DICKINSON AVENUE), NC 11 TO READE	CONSTRUCTION	FY 2020 -	\$8,500,000	(BG5200)
PITT	CIRCLE. IMPROVE ROADWAY.			\$8,500,000	
<b>PROJ.CATEGORY</b>	<b><u>TO STRATEGICALLY BALANCE LETTINGS, DELAY</u></b>				
DIVISION	<b><u>CONSTRUCTION FROM FY 19 TO FY 20.</u></b>				

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 2

\* U-5917

PITT

**PROJ.CATEGORY**

DIVISION

SR 1704 (FOURTEENTH STREET), RED BANKS ROAD  
TO SR 1708 (FIRETOWER ROAD). WIDEN TO MULTI-  
LANES.

**PROJECT TO UTILIZE BUILD NC BONDS FOR  
PRELIMINARY ENGINEERING.**

ENGINEERING	FY 2020 -	\$92,000	(T)
	FY 2021 -	\$92,000	(T)
	FY 2022 -	\$92,000	(T)
	FY 2023 -	\$92,000	(T)
	FY 2024 -	\$92,000	(T)
	FY 2025 -	\$92,000	(T)
	FY 2026 -	\$92,000	(T)
	FY 2027 -	\$92,000	(T)
	FY 2028 -	\$92,000	(T)
	FY 2029 -	\$92,000	(T)
BUILD NC ROW	POST YR-	\$460,000	(T)
	FY 2019 -	\$172,000	(T)
	FY 2020 -	\$172,000	(T)
	FY 2021 -	\$172,000	(T)
	FY 2022 -	\$172,000	(T)
	FY 2023 -	\$172,000	(T)
	FY 2024 -	\$172,000	(T)
	FY 2025 -	\$172,000	(T)
	FY 2026 -	\$172,000	(T)
	FY 2027 -	\$172,000	(T)
RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2028 -	\$172,000	(T)
	FY 2029 -	\$172,000	(T)
	POST YR-	\$688,000	(T)
	FY 2019 -	\$1,315,000	(T)
	FY 2019 -	\$398,000	(T)
	FY 2021 -	\$3,200,000	(T)
	FY 2022 -	\$3,200,000	(T)
	FY 2023 -	\$3,200,000	(T)
		<u>\$15,273,000</u>	

### DIVISION 3

EB-6025

BRUNSWICK

**PROJ.CATEGORY**

DIVISION

RICE HOPE MULTI USE PATH, MULTI USE PATH ALONG  
NC 133 BETWEEN MORECAMBLE BOULEVARD AND  
RICE HOPE RUN IN BELVILLE.

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND  
DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 22  
AND CONSTRUCTION FROM FY 20 TO FY 22.**

ENGINEERING	FY 2019 -	\$24,000	(STBGDA)
	FY 2019 -	\$6,000	(L)
RIGHT-OF-WAY	FY 2022 -	\$2,000	(STBGDA)
	FY 2022 -	\$1,000	(L)
CONSTRUCTION	FY 2022 -	\$134,000	(STBGDA)
	FY 2022 -	<u>\$33,000</u>	(L)
		\$200,000	

EB-6026

BRUNSWICK

**PROJ.CATEGORY**

DIVISION

BELVILLE ELEMENTARY MULTI USE PATH, MULTI USE  
PATH ALONG NC 133 CONNECTING NORTH AND  
SOUTH ENTRANCES OF HAWKESWATER  
DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL.

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND  
DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 22  
AND CONSTRUCTION FROM FY 20 TO FY 22.**

ENGINEERING	FY 2019 -	\$24,000	(TAPDA)
	FY 2019 -	\$6,000	(L)
RIGHT-OF-WAY	FY 2022 -	\$2,000	(TAPDA)
	FY 2022 -	\$1,000	(L)
CONSTRUCTION	FY 2022 -	\$94,000	(TAPDA)
	FY 2022 -	<u>\$24,000</u>	(L)
		\$151,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 3

* R-2303E SAMPSON PROJ.CATEGORY DIVISION	NC 24, US 421/US 701/SR 1296 (SUNSET AVENUE) TO SR 1935 (CECIL ODIE ROAD). <u>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</u>	ENGINEERING	FY 2020 - \$175,000 (T) FY 2021 - \$175,000 (T) FY 2022 - \$175,000 (T) FY 2023 - \$175,000 (T) FY 2024 - \$175,000 (T) FY 2025 - \$175,000 (T) FY 2026 - \$175,000 (T) FY 2027 - \$175,000 (T) FY 2028 - \$175,000 (T) FY 2029 - \$175,000 (T) POST YR- \$875,000 (T)
		BUILD NC CONST	FY 2020 - \$858,000 (NHP) FY 2021 - \$858,000 (NHP) FY 2022 - \$858,000 (NHP) FY 2023 - \$858,000 (NHP) FY 2024 - \$858,000 (NHP) FY 2025 - \$858,000 (NHP) FY 2026 - \$858,000 (NHP) FY 2027 - \$858,000 (NHP) FY 2028 - \$858,000 (NHP) FY 2029 - \$858,000 (NHP) POST YR- \$4,290,000 (NHP)
		CONSTRUCTION	FY 2020 - \$5,966,000 (NHP) FY 2021 - \$5,967,000 (NHP) FY 2022 - \$5,967,000 (NHP) \$33,395,000
R-5021 BRUNSWICK PROJ.CATEGORY DIVISION	NC 211, SR 1500 (MIDWAY ROAD) TO NC 87. WIDEN TO MULTI-LANES. <u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>	CONSTRUCTION	FY 2020 - \$345,000 (HP) FY 2020 - \$21,005,000 (BG5200) FY 2021 - \$21,350,000 (BG5200) FY 2022 - \$21,350,000 (BG5200) FY 2023 - \$21,350,000 (BG5200) \$85,400,000
R-5701 PENDER PROJ.CATEGORY REGIONAL	NC 53, US 117 BUSINESS (WALKER STREET/WILMINGTON STREET). IMPROVE INTERSECTION. <u>ADD RIGHT-OF-WAY AND UTILITIES IN FY 20 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$10,000 (T) FY 2020 - \$150,000 (L) FY 2020 - \$400,000 (T) FY 2020 - \$1,700,000 (T) \$2,260,000

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 3

U-4906	SR 1308 (GUM BRANCH ROAD), WEST OF SR 1313	CONSTRUCTION	FY 2020 -	\$8,700,000	(BGANY)
ONSLOW	(MILLS FIELDS ROAD) TO EAST OF SR 1324 (RAMSEY			\$8,700,000	
<b>PROJ.CATEGORY</b>	ROAD) IN JACKSONVILLE. WIDENING.				
TRANSITION	<b><u>TO STRATEGICALLY BALANCE LETTINGS, DELAY</u></b>				
	<b><u>CONSTRUCTION FROM FY 19 TO FY 20.</u></b>				

### DIVISION 4

I-5933	I-95, WILSON COUNTY LINE (MILEMARKER 124.6) TO	CONSTRUCTION	FY 2024 -	\$1,800,000	(NHPIM)
NASH	THE NORTH OF NC 97 (MILEMARKER 127.6).		FY 2025 -	\$1,800,000	(NHPIM)
<b>PROJ.CATEGORY</b>	PAVEMENT AND BRIDGE REHABILITATION.			\$3,600,000	
STATEWIDE	<b><u>PROJECT SEGMENT ADDED AT THE REQUEST OF THE</u></b>				
	<b><u>DIVISION TO ADDRESS BRIDGE REHABILITATION</u></b>				
	<b><u>NEED.</u></b>				

I-6041A	US 64 (FUTURE I-87), BRIDGE REHABILITATION FOR	CONSTRUCTION	FY 2020 -	\$900,000	(NHPIM)
EDGEcombe	320155, 320148, 320153, 320156, 320104, 320320, 320325,			\$900,000	
<b>PROJ.CATEGORY</b>	AND 320326.				
STATEWIDE	<b><u>PROJECT SEGMENT ADDED AT THE REQUEST OF THE</u></b>				
	<b><u>DIVISION TO ADDRESS BRIDGE REHABILITATION</u></b>				
	<b><u>NEED.</u></b>				

I-6042A	US 64 (FUTURE I-87), BRIDGE REHABILITATION FOR	CONSTRUCTION	FY 2020 -	\$500,000	(NHPIM)
EDGEcombe	320327 AND 320328.			\$500,000	
<b>PROJ.CATEGORY</b>	<b><u>PROJECT SEGMENT ADDED AT THE REQUEST OF THE</u></b>				
STATEWIDE	<b><u>DIVISION TO ADDRESS BRIDGE REHABILITATION</u></b>				
	<b><u>NEED.</u></b>				

I-6045A	US 64 (FUTURE I-87), BRIDGE REHABILITATION FOR	CONSTRUCTION	FY 2021 -	\$750,000	(NHPIM)
NASH	630072 AND 630074.			\$750,000	
<b>PROJ.CATEGORY</b>	<b><u>PROJECT SEGMENT ADDED AT THE REQUEST OF THE</u></b>				
STATEWIDE	<b><u>DIVISION TO ADDRESS BRIDGE REHABILITATION</u></b>				
	<b><u>NEED.</u></b>				

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 4

\* U-2714

WAYNE

**PROJ.CATEGORY**

REGIONAL

US 117, US 70 BYPASS TO SR 1306 (FEDELON TRAIL) IN ENGINEERING  
GOLDSBORO. WIDEN ROADWAY AND MAKE SAFETY  
IMPROVEMENTS.

**PROJECT TO UTILIZE BUILD NC BONDS FOR  
PRELIMINARY ENGINEERING.**

	FY 2020 -	\$144,000	(T)
	FY 2021 -	\$144,000	(T)
	FY 2022 -	\$144,000	(T)
	FY 2023 -	\$144,000	(T)
	FY 2024 -	\$144,000	(T)
	FY 2025 -	\$144,000	(T)
	FY 2026 -	\$144,000	(T)
	FY 2027 -	\$144,000	(T)
	FY 2028 -	\$144,000	(T)
	FY 2029 -	\$144,000	(T)
	POST YR-	\$720,000	(T)
BUILD NC CONST	FY 2020 -	\$858,000	(T)
	FY 2021 -	\$858,000	(T)
	FY 2022 -	\$858,000	(T)
	FY 2023 -	\$858,000	(T)
	FY 2024 -	\$858,000	(T)
	FY 2025 -	\$858,000	(T)
	FY 2026 -	\$858,000	(T)
	FY 2027 -	\$858,000	(T)
	FY 2028 -	\$858,000	(T)
	FY 2029 -	\$858,000	(T)
	POST YR-	\$4,290,000	(T)
CONSTRUCTION	FY 2020 -	\$2,300,000	(T)
	FY 2021 -	\$2,300,000	(T)
		<u>\$19,630,000</u>	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 4

* U-3609B	US 13 (BERKELEY BOULEVARD), SR 1003 (NEW HOPE	ENGINEERING	FY 2020 -	\$85,000	(T)
WAYNE	ROAD) TO SR1572 (SAULSTON ROAD).		FY 2021 -	\$85,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2022 -	\$85,000	(T)
REGIONAL	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2023 -	\$85,000	(T)
			FY 2024 -	\$85,000	(T)
			FY 2025 -	\$85,000	(T)
			FY 2026 -	\$85,000	(T)
			FY 2027 -	\$85,000	(T)
			FY 2028 -	\$85,000	(T)
			FY 2029 -	\$85,000	(T)
			POST YR-	\$425,000	(T)
		BUILD NC ROW	FY 2020 -	\$515,000	(T)
			FY 2021 -	\$515,000	(T)
			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,575,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$1,750,000	(T)
		UTILITIES	FY 2020 -	\$1,750,000	(T)
			FY 2021 -	\$1,750,000	(T)
		CONSTRUCTION	FY 2023 -	\$5,875,000	(T)
			FY 2024 -	\$5,875,000	(T)
			FY 2025 -	\$5,875,000	(T)
			FY 2026 -	\$5,875,000	(T)
				<u>\$37,750,000</u>	

### DIVISION 5

P-5720	CSX, CROSSING 630601X AT SR 2006 (DURANT ROAD)	CONSTRUCTION	FY 2020 -	\$516,000	(T)
WAKE	IN RALEIGH. CONSTRUCT GRADE SEPARATION.		FY 2020 -	\$480,000	(O)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE</u></b>		FY 2021 -	\$4,902,000	(T)
REGIONAL	<b><u>RIGHT-OF-WAY, DELAY CONSTRUCTION FROM FY 19</u></b>		FY 2022 -	\$4,902,000	(T)
	<b><u>TO FY 20, AT REQUEST OF RAIL DIVISION.</u></b>			<u>\$10,800,000</u>	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 5

* U-5302 WAKE <b>PROJ.CATEGORY</b> REGIONAL	US 401, SOUTH OF SR 1006 (OLD STAGE ROAD) TO SOUTH OF SR 2538 (MECHANICAL BOULEVARD) / GARNER STATION BOULEVARD IN GARNER. CONVERT TO SUPERSTREET.  <u><b>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</b></u>	ENGINEERING	FY 2020 -	\$84,000	(T)
			FY 2021 -	\$84,000	(T)
			FY 2022 -	\$84,000	(T)
			FY 2023 -	\$84,000	(T)
			FY 2024 -	\$84,000	(T)
			FY 2025 -	\$84,000	(T)
			FY 2026 -	\$84,000	(T)
			FY 2027 -	\$84,000	(T)
			FY 2028 -	\$84,000	(T)
			FY 2029 -	\$84,000	(T)
		BUILD NC CONST	POST YR-	\$420,000	(T)
			FY 2020 -	\$515,000	(T)
			FY 2021 -	\$515,000	(T)
			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
		CONSTRUCTION	FY 2029 -	\$515,000	(T)
			POST YR-	\$2,575,000	(T)
			FY 2020 -	\$9,000,000	(T)
				\$17,985,000	
* U-5745 DURHAM <b>PROJ.CATEGORY</b> REGIONAL	NC 751 (HOPE VALLEY ROAD), SR 1183 (UNIVERSITY DRIVE) INTERSECTION IN DURHAM. CONSTRUCT ROUNDBOUT.  <u><b>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</b></u>	ENGINEERING	FY 2020 -	\$29,000	(T)
			FY 2021 -	\$29,000	(T)
			FY 2022 -	\$29,000	(T)
			FY 2023 -	\$29,000	(T)
			FY 2024 -	\$29,000	(T)
			FY 2025 -	\$29,000	(T)
			FY 2026 -	\$29,000	(T)
			FY 2027 -	\$29,000	(T)
			FY 2028 -	\$29,000	(T)
			FY 2029 -	\$29,000	(T)
		BUILD NC CONST	POST YR-	\$435,000	(T)
			FY 2019 -	\$86,000	(T)
			FY 2020 -	\$86,000	(T)
			FY 2021 -	\$86,000	(T)
			FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$344,000	(T)
				\$2,015,000	



## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 5

U-5746	US 401, WAKE TECHNICAL COMMUNITY COLLEGE TO	RIGHT-OF-WAY	FY 2020 -	\$10,953,000	(T)
WAKE	SR 1010 (TEN-TEN ROAD). ADD LANES.	UTILITIES	FY 2020 -	\$2,313,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR STRATEGIC</u></b>	CONSTRUCTION	FY 2020 -	<u>\$3,289,000</u>	(T)
REGIONAL	<b><u>LETTING REVIEW, DELAY RIGHT-OF-WAY FROM FY 19</u></b>			\$16,555,000	
	<b><u>TO FY 20.</u></b>				

* U-5748	US 401, SR 2044 (LIGON MILL ROAD) / SR 2224	ENGINEERING	FY 2020 -	\$52,000	(T)
WAKE	(MITCHELL MILL ROAD) IN RALEIGH. CONVERT AT-		FY 2021 -	\$52,000	(T)
<b>PROJ.CATEGORY</b>	GRADE INTERSECTION TO INTERCHANGE.		FY 2022 -	\$52,000	(T)
REGIONAL	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2023 -	\$52,000	(T)
	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2024 -	\$52,000	(T)
			FY 2025 -	\$52,000	(T)
			FY 2026 -	\$52,000	(T)
			FY 2027 -	\$52,000	(T)
			FY 2028 -	\$52,000	(T)
			FY 2029 -	\$52,000	(T)
			POST YR-	\$260,000	(T)
		BUILD NC ROW	FY 2020 -	\$858,000	(T)
			FY 2021 -	\$858,000	(T)
			FY 2022 -	\$858,000	(T)
			FY 2023 -	\$858,000	(T)
			FY 2024 -	\$858,000	(T)
			FY 2025 -	\$858,000	(T)
			FY 2026 -	\$858,000	(T)
			FY 2027 -	\$858,000	(T)
			FY 2028 -	\$858,000	(T)
			FY 2029 -	\$858,000	(T)
			POST YR-	\$4,290,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$8,310,000	(T)
			FY 2021 -	\$8,310,000	(T)
			FY 2022 -	\$8,310,000	(T)
		UTILITIES	FY 2020 -	\$184,000	(T)
			FY 2021 -	\$183,000	(T)
			FY 2022 -	\$183,000	(T)
		BUILD NC CONST	FY 2023 -	\$1,030,000	(T)
			FY 2024 -	\$1,030,000	(T)
			FY 2025 -	\$1,030,000	(T)
			FY 2026 -	\$1,030,000	(T)
			FY 2027 -	\$1,030,000	(T)
			FY 2028 -	\$1,030,000	(T)
			FY 2029 -	\$1,030,000	(T)
			POST YR-	\$8,240,000	(T)
		CONSTRUCTION	FY 2023 -	<u>\$2,100,000</u>	(T)
				\$56,680,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 5

* U-5750	NC 54, NC 540 TO PERIMETER PARK DRIVE IN	ENGINEERING	FY 2020 -	\$108,000	(T)
WAKE	MORRISVILLE. ADD LANES.		FY 2021 -	\$108,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2022 -	\$108,000	(T)
REGIONAL	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2023 -	\$108,000	(T)
			FY 2024 -	\$108,000	(T)
			FY 2025 -	\$108,000	(T)
			FY 2026 -	\$108,000	(T)
			FY 2027 -	\$108,000	(T)
			FY 2028 -	\$108,000	(T)
			FY 2029 -	\$108,000	(T)
			POST YR-	\$540,000	(T)
		BUILD NC ROW	FY 2020 -	\$601,000	(T)
			FY 2021 -	\$601,000	(T)
			FY 2022 -	\$601,000	(T)
			FY 2023 -	\$601,000	(T)
			FY 2024 -	\$601,000	(T)
			FY 2025 -	\$601,000	(T)
			FY 2026 -	\$601,000	(T)
			FY 2027 -	\$601,000	(T)
			FY 2028 -	\$601,000	(T)
			FY 2029 -	\$601,000	(T)
			POST YR-	\$3,005,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$5,179,000	(T)
		UTILITIES	FY 2020 -	\$236,000	(T)
		CONSTRUCTION	FY 2021 -	\$8,450,000	(T)
			FY 2022 -	\$8,450,000	(T)
				<u>\$32,950,000</u>	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 5

* U-5827	SR 1632 (LOUIS STEPHENS DRIVE), POPLAR PIKE LANE	ENGINEERING	FY 2020 -	\$64,000	(T)
WAKE	IN MORRISVILLE TO SR 2153 (LITTLE DRIVE) IN		FY 2021 -	\$64,000	(T)
<b>PROJ.CATEGORY</b>	RESEARCH TRIANGLE PARK. CONSTRUCT ROADWAY		FY 2022 -	\$64,000	(T)
DIVISION	ON NEW LOCATION.		FY 2023 -	\$64,000	(T)
	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2024 -	\$64,000	(T)
	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2025 -	\$64,000	(T)
			FY 2026 -	\$64,000	(T)
			FY 2027 -	\$64,000	(T)
			FY 2028 -	\$64,000	(T)
			FY 2029 -	\$64,000	(T)
			POST YR-	\$320,000	(T)
		BUILD NC CONST	FY 2020 -	\$86,000	(T)
			FY 2021 -	\$86,000	(T)
			FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$430,000	(T)
		CONSTRUCTION	FY 2020 -	\$4,110,000	(T)
				\$6,360,000	

### DIVISION 6

U-4405A	US 401 (RAEFORD ROAD), OLD RAEFORD ROAD TO	CONSTRUCTION	FY 2020 -	\$29,315,000	(BGANY)
CUMBERLAND	EAST OF BUNCE ROAD			\$29,315,000	
<b>PROJ.CATEGORY</b>	<b><u>TO STRATEGICALLY BALANCE LETTINGS, DELAY</u></b>				
DIVISION	<b><u>CONSTRUCTION FROM FY 19 TO FY 20.</u></b>				

U-5798B	SR 1102 (GILLIS HILL ROAD), FROM SR 1418 (LINDSAY	RIGHT-OF-WAY	FY 2021 -	\$1,598,000	(T)
CUMBERLAND	ROAD) TO NORTH OF SR 1112 (STONE POINT ROAD).	UTILITIES	FY 2021 -	\$192,000	(T)
<b>PROJ.CATEGORY</b>	WIDEN TO MULTI-LANES.	CONSTRUCTION	FY 2024 -	\$3,450,000	(T)
DIVISION	<b><u>ADDING PROJECT SEGMENT TO BETTER MATCH</u></b>		FY 2025 -	\$3,450,000	(T)
	<b><u>PROJECT SCOPE.</u></b>			\$8,690,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 7

AV-5707 GUILFORD <b>PROJ.CATEGORY</b> STATEWIDE	PIEDMONT TRIAD INTERNATIONAL AIRPORT (GSO), CONSTRUCT TAXIWAY G. <b><u>AIRPORT OFFICIALS REQUIRE A MODIFIED PROJECT          DELIVERY SCHEDULE. DELAY CONSTRUCTION FROM          FY 19 TO FY 21, AT REQUEST OF AVIATION DIVISION.</u></b>	CONSTRUCTION FY 2021 - \$500,000 (T) FY 2021 - <u>\$15,400,000</u> (O) \$15,900,000
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AV-5708 GUILFORD <b>PROJ.CATEGORY</b> STATEWIDE	PIEDMONT TRIAD INTERNATIONAL AIRPORT (GSO), CONSTRUCT TAXIWAY OVER FUTURE I-73 EAST OF SR 2085 (BRYAN BOULEVARD). <b><u>TO ALLOW TIME FOR AIRPORT TO RELOCATE RADAR          EQUIPMENT, DELAY CONSTRUCTION FROM FY 19 TO          FY 20, AT REQUEST OF AVIATION DIVISION.</u></b>	CONSTRUCTION FY 2020 - <u>\$500,000</u> (T) \$500,000
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AV-5718 GUILFORD <b>PROJ.CATEGORY</b> STATEWIDE	PIEDMONT TRIAD INTERNATIONAL AIRPORT (GSO), HIGH SPEED TAXIWAY TO RUNWAY 5R-23L. <b><u>AIRPORT OFFICIALS REQUIRE A MODIFIED PROJECT          DELIVERY SCHEDULE. DELAY CONSTRUCTION FROM          FY 19 TO FY 21, AT REQUEST OF AVIATION DIVISION.</u></b>	CONSTRUCTION FY 2021 - \$500,000 (T) FY 2021 - <u>\$2,500,000</u> (O) \$3,000,000
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## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 7

* R-4707	US 29; SR 4771 (REEDY FORK PARKWAY), US 29 / SR	ENGINEERING	FY 2020 -	\$217,000	(T)
GUILFORD	4771 (REEDY FORK PARKWAY) INTERCHANGE		FY 2021 -	\$217,000	(T)
<b>PROJ.CATEGORY</b>	IMPROVEMENTS IN GREENSBORO. IMPROVE		FY 2022 -	\$217,000	(T)
REGIONAL	ROADWAY, MODIFY INTERCHANGE, AND REPLACE		FY 2023 -	\$217,000	(T)
	BRIDGE 400360		FY 2024 -	\$217,000	(T)
	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2025 -	\$217,000	(T)
	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2026 -	\$217,000	(T)
			FY 2027 -	\$217,000	(T)
			FY 2028 -	\$217,000	(T)
			FY 2029 -	\$217,000	(T)
			POST YR-	\$1,085,000	(T)
		BUILD NC ROW	FY 2020 -	\$1,287,000	(T)
			FY 2021 -	\$1,287,000	(T)
			FY 2022 -	\$1,287,000	(T)
			FY 2023 -	\$1,287,000	(T)
			FY 2024 -	\$1,287,000	(T)
			FY 2025 -	\$1,287,000	(T)
			FY 2026 -	\$1,287,000	(T)
			FY 2027 -	\$1,287,000	(T)
			FY 2028 -	\$1,287,000	(T)
			FY 2029 -	\$1,287,000	(T)
			POST YR-	\$5,148,000	(T)
		BUILD NC CONST	FY 2020 -	\$2,145,000	(T)
			FY 2021 -	\$2,145,000	(T)
			FY 2022 -	\$2,145,000	(T)
			FY 2023 -	\$2,145,000	(T)
			FY 2024 -	\$2,145,000	(T)
			FY 2025 -	\$2,145,000	(T)
			FY 2026 -	\$2,145,000	(T)
			FY 2027 -	\$2,145,000	(T)
			FY 2028 -	\$2,145,000	(T)
			FY 2029 -	\$2,145,000	(T)
			POST YR-	\$10,745,000	(T)
		CONSTRUCTION	FY 2020 -	\$9,900,000	(T)
			FY 2021 -	\$9,900,000	(T)
				\$73,268,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 7

* U-2581BA	US 70, SR3045 (MOUNT HOPE CHURCH ROAD) TO SR	ENGINEERING	FY 2020 -	\$56,000	(T)
GUILFORD	3175 (BIRCH CREEK ROAD)		FY 2021 -	\$56,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2022 -	\$56,000	(T)
<b>DIVISION</b>	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2023 -	\$56,000	(T)
			FY 2024 -	\$56,000	(T)
			FY 2025 -	\$56,000	(T)
			FY 2026 -	\$56,000	(T)
			FY 2027 -	\$56,000	(T)
			FY 2028 -	\$56,000	(T)
			FY 2029 -	\$56,000	(T)
			POST YR-	\$280,000	(T)
		BUILD NC CONST	FY 2020 -	\$429,000	(T)
			FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$2,145,000	(T)
		CONSTRUCTION	FY 2020 -	\$5,900,000	(T)
				\$13,175,000	
U-5850	SR 1007 (RANDLEMAN ROAD), ELMSLEY DRIVE TO	RIGHT-OF-WAY	FY 2020 -	\$467,000	(T)
GUILFORD	GLENDALE DRIVE IN GREENSBORO. WIDEN TO	UTILITIES	FY 2020 -	\$56,000	(T)
<b>PROJ.CATEGORY</b>	MULTLANES.	CONSTRUCTION	FY 2021 -	\$1,635,000	(T)
<b>DIVISION</b>	<b><u>TO ALLOW ADDITIONAL TIME TO COMPLETE</u></b>			\$2,158,000	
	<b><u>PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM</u></b>				
	<b><u>FY 19 TO FY 20, AT REQUEST OF DIVISION OFFICE.</u></b>				

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 7

\* U-5896

GUILFORD

**PROJ.CATEGORY**

DIVISION

US 29 / US 70 / BUSINESS 85, SR 1009 (SOUTH MAIN STREET) IN HIGH POINT. RECONSTRUCT INTERCHANGE.

**PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.**

ENGINEERING	FY 2020 -	\$75,000	(T)
	FY 2021 -	\$75,000	(T)
	FY 2022 -	\$75,000	(T)
	FY 2023 -	\$75,000	(T)
	FY 2024 -	\$75,000	(T)
	FY 2025 -	\$75,000	(T)
	FY 2026 -	\$75,000	(T)
	FY 2027 -	\$75,000	(T)
	FY 2028 -	\$75,000	(T)
	FY 2029 -	\$75,000	(T)
	POST YR-	\$375,000	(T)
BUILD NC ROW	FY 2020 -	\$944,000	(T)
	FY 2021 -	\$944,000	(T)
	FY 2022 -	\$944,000	(T)
	FY 2023 -	\$944,000	(T)
	FY 2024 -	\$944,000	(T)
	FY 2025 -	\$944,000	(T)
	FY 2026 -	\$944,000	(T)
	FY 2027 -	\$944,000	(T)
	FY 2028 -	\$944,000	(T)
	FY 2029 -	\$944,000	(T)
CONSTRUCTION	POST YR-	\$3,776,000	(T)
	FY 2020 -	\$4,004,000	(BG5200)
	FY 2021 -	\$4,004,000	(BG5200)
	FY 2022 -	\$4,004,000	(BG5200)
		\$26,353,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 8

* R-2527	NC 24 / NC 27, NC 73 TO TROY BYPASS. WIDEN TO	ENGINEERING	FY 2020 -	\$242,000	(T)
MONTGOMERY	MULTILANES.		FY 2021 -	\$242,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2022 -	\$242,000	(T)
REGIONAL	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2023 -	\$242,000	(T)
			FY 2024 -	\$242,000	(T)
			FY 2025 -	\$242,000	(T)
			FY 2026 -	\$242,000	(T)
			FY 2027 -	\$242,000	(T)
			FY 2028 -	\$242,000	(T)
			FY 2029 -	\$242,000	(T)
			POST YR-	\$1,210,000	(T)
		BUILD NC ROW	FY 2020 -	\$686,000	(T)
			FY 2021 -	\$686,000	(T)
			FY 2022 -	\$686,000	(T)
			FY 2023 -	\$686,000	(T)
			FY 2024 -	\$686,000	(T)
			FY 2025 -	\$686,000	(T)
			FY 2026 -	\$686,000	(T)
			FY 2027 -	\$686,000	(T)
			FY 2028 -	\$686,000	(T)
			FY 2029 -	\$686,000	(T)
			POST YR-	\$2,744,000	(T)
		CONSTRUCTION	FY 2021 -	\$11,550,000	(T)
			FY 2022 -	\$11,550,000	(T)
			FY 2023 -	\$11,550,000	(T)
			FY 2024 -	\$11,550,000	(T)
				\$59,434,000	
* R-5724	US 15 / US 501, SOUTH OF US 64 BUSINESS TO				
CHATHAM	POWELL PLACE LANE IN PITTSBORO. WIDEN TO				
	MULTILANES, MILL AND RESURFACE, AND				
	CONSTRUCT ROADWAY AND STREETScape				
	IMPROVEMENTS AT TRAFFIC CIRCLE.				
	<b><u>REVISE DESCRIPTION AND SEGMENT INTO PART A</u></b>				
	<b><u>AND B AT THE REQUEST OF DIVISION TO REFLECT</u></b>				
	<b><u>CURRENT PROJECT DEVELOPMENT SCOPE. SEE</u></b>				
	<b><u>PARTS A AND B BELOW FOR SCHEDULES.</u></b>				
* R-5724A	US 15 / US 501, SOUTH OF US 64 BUSINESS TO NORTH	RIGHT-OF-WAY	FY 2020 -	\$50,000	(T)
CHATHAM	OF US 64 BUSINESS. CONSTRUCT ROADWAY AND	UTILITIES	FY 2020 -	\$1,000,000	(T)
<b>PROJ.CATEGORY</b>	STREETScape IMPROVEMENTS AT TRAFFIC CIRCLE.	CONSTRUCTION	FY 2020 -	\$2,800,000	(T)
DIVISION	<b><u>NEW PROJECT BREAK CREATED AT REQUEST OF</u></b>			\$3,850,000	
	<b><u>DIVISION.</u></b>				



## DIVISION 8

CHATHAM

PROJ.CATEGORY  
DIVISION

US 15 / US 501, NORTH OF US 64 BUSINESS TO  
POWELL PLACE LANE. MILL AND RESURFACE FROM  
NORTH OF US 64 BUSINESS TO LAUNIS STREET AND  
WIDEN FROM LAUNIS STREET TO POWELL PLACE  
LANE

NEW PROJECT BREAK CREATED AT REQUEST OF  
DIVISION.

RIGHT-OF-WAY	FY 2020 -	\$235,000	(T)
UTILITIES	FY 2020 -	\$28,000	(T)
CONSTRUCTION	FY 2021 -	\$3,078,000	(T)
	FY 2022 -	<u>\$3,078,000</u>	(T)
		\$6,419,000	

R-5826B

MONTGOMERY

PROJ.CATEGORY  
DIVISION

NC 109, SR 1127 (HEARNE FARM ROAD) TO SR 1174 (PEE DEE ROAD).

**TO ALLOW ADDITIONAL TIME TO COMPLETE  
PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM  
FY 19 TO FY 20 AND CONSTRUCTION FROM FY 20 TO  
FY 21, AT REQUEST OF DIVISION OFFICE.**

RIGHT-OF-WAY	FY 2020 -	\$1,900,000	(T)
	FY 2020 -	\$100,000	(T)
UTILITIES	FY 2020 -	\$105,000	(T)
CONSTRUCTION	FY 2021 -	\$6,400,000	(T)
	FY 2022 -	<u>\$6,400,000</u>	(T)
		\$14,905,000	

\* U-5308

RANDOLPH

PROJ.CATEGORY  
DIVISION

SR 1547 (FINCH FARM ROAD), SR 3106 (KENNEDY ROAD) TO I-85 IN TRINITY. WIDEN TO MULTILANES.

**PROJECT TO UTILIZE BUILD NC BONDS FOR  
PRELIMINARY ENGINEERING.**

ENGINEERING	FY 2020 -	\$121,000	(T)
	FY 2021 -	\$121,000	(T)
	FY 2022 -	\$121,000	(T)
	FY 2023 -	\$121,000	(T)
	FY 2024 -	\$121,000	(T)
	FY 2025 -	\$121,000	(T)
	FY 2026 -	\$121,000	(T)
	FY 2027 -	\$121,000	(T)
	FY 2028 -	\$121,000	(T)
	FY 2029 -	\$121,000	(T)
	POST YR-	\$605,000	(T)
BUILD NC ROW	FY 2019 -	\$429,000	(T)
	FY 2020 -	\$429,000	(T)
	FY 2021 -	\$429,000	(T)
	FY 2022 -	\$429,000	(T)
	FY 2023 -	\$429,000	(T)
	FY 2024 -	\$429,000	(T)
	FY 2025 -	\$429,000	(T)
	FY 2026 -	\$429,000	(T)
	FY 2027 -	\$429,000	(T)
	FY 2028 -	\$429,000	(T)
	FY 2029 -	\$429,000	(T)
	POST YR-	\$1,287,000	(T)
RIGHT-OF-WAY	FY 2019 -	\$492,000	(T)
	FY 2020 -	\$4,430,000	(T)
UTILITIES	FY 2019 -	\$234,000	(T)
	FY 2020 -	\$2,106,000	(T)
CONSTRUCTION	FY 2020 -	\$7,695,000	(T)
	FY 2021 -	<u>\$7,695,000</u>	(T)
		<u>\$30,473,000</u>	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 8

U-5813	US 64, ASHEBORO BYPASS TO EAST OF I-73 / I-74 / US 220 IN ASHEBORO. WIDEN TO MULTILANES,	CONSTRUCTION	FY 2021 -	\$8,700,000	(NHP)
RANDOLPH	RECONSTRUCT INTERCHANGE AT NC 49, MODIFY		FY 2022 -	\$8,700,000	(NHP)
<b>PROJ.CATEGORY</b>	INTERCHANGE AT I-73 / I-74 / US 220 AND REPLACE		FY 2023 -	\$8,700,000	(NHP)
REGIONAL	BRIDGE 750171 OVER US 64 AND NC 49.			\$26,100,000	

**TO ALLOW ADDITIONAL TIME TO COMPLETE DESIGN AND RIGHT-OF-WAY, DELAY CONSTRUCTION FROM FY 20 TO FY 21, AT REQUEST OF PROJECT MANAGEMENT OFFICE.**

### DIVISION 9

* B-5766	SR 1674 (SHEPPARD MILL ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2022 -	\$218,000	(BGOFF)
STOKES	840082 OVER DAN RIVER IN DANBURY.	CONSTRUCTION	FY 2024 -	\$2,175,000	(BGOFF)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME TO COMPLETE PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 22 AND CONSTRUCTION FROM FY 20 TO FY 24, AT REQUEST OF DIVISION OFFICE.</u></b>		FY 2025 -	\$2,175,000	(BGOFF)
DIVISION				\$4,568,000	

R-5828	US 311 (NORTH MAIN STREET), SR 1918 (FIRST STREET) IN WALNUT COVE. CONSTRUCT	CONSTRUCTION	FY 2020 -	\$1,450,000	(T)
STOKES	ROUNDABOUT.			\$1,450,000	
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE RIGHT-OF-WAY PHASE, DELAY CONSTRUCTION FROM FY 19 TO FY 20, AT REQUEST OF DIVISION OFFICE.</u></b>				
DIVISION					

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 9

\* U-2729  
FORSYTH  
**PROJ.CATEGORY**  
DIVISION

SR 1672 (HANES MILL ROAD), MUSEUM DRIVE TO SR  
4000 (UNIVERSITY PARKWAY) IN WINSTON-SALEM.  
WIDEN TO MULTILANES.

**PROJECT TO UTILIZE BUILD NC BONDS FOR  
PRELIMINARY ENGINEERING.**

ENGINEERING	FY 2020 -	\$61,000	(T)
	FY 2021 -	\$61,000	(T)
	FY 2022 -	\$61,000	(T)
	FY 2023 -	\$61,000	(T)
	FY 2024 -	\$61,000	(T)
	FY 2025 -	\$61,000	(T)
	FY 2026 -	\$61,000	(T)
	FY 2027 -	\$61,000	(T)
	FY 2028 -	\$61,000	(T)
	FY 2029 -	\$61,000	(T)
	POST YR-	\$305,000	(T)
BUILD NC ROW	FY 2019 -	\$515,000	(T)
	FY 2020 -	\$515,000	(T)
	FY 2021 -	\$515,000	(T)
	FY 2022 -	\$515,000	(T)
	FY 2023 -	\$515,000	(T)
	FY 2024 -	\$515,000	(T)
	FY 2025 -	\$515,000	(T)
	FY 2026 -	\$515,000	(T)
	FY 2027 -	\$515,000	(T)
	FY 2028 -	\$515,000	(T)
	FY 2029 -	\$515,000	(T)
	POST YR-	\$2,060,000	(T)
RIGHT-OF-WAY	FY 2019 -	\$1,766,000	(T)
UTILITIES	FY 2019 -	\$429,000	(T)
CONSTRUCTION	FY 2021 -	\$5,800,000	(T)
	FY 2022 -	\$5,800,000	(T)
		\$22,435,000	

U-5899  
FORSYTH  
**PROJ.CATEGORY**  
DIVISION

NEW ROUTE, FORUM PARKWAY CONNECTOR, SR 3955  
(FORUM PARKWAY) TO NC 66 (UNIVERSITY PARKWAY)  
IN RURAL HALL. CONSTRUCT 2-LANE ROADWAY ON  
NEW LOCATION.

**TO OPTIMIZE TIMING OF FUNDING AUTHORIZATION,  
DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.**

RIGHT-OF-WAY	FY 2020 -	\$994,000	(T)
UTILITIES	FY 2020 -	\$119,000	(T)
CONSTRUCTION	FY 2021 -	\$5,250,000	(T)
	FY 2022 -	\$5,250,000	(T)
		\$11,613,000	

U-6155  
FORSYTH  
**PROJ.CATEGORY**  
DIVISION

SR 1725 (UNIVERSITY PARKWAY), COLISEUM DRIVE IN  
WINSTON-SALEM. CONSTRUCT INTERSECTION  
IMPROVEMENTS FOR PEDESTRIAN SAFETY.

**TO REFLECT CITY'S CURRENT SCOPE OF WORK AND  
PROJECT DELIVERY SCHEDULE, ADD RIGHT-OF-WAY  
IN FY 20 NOT PREVIOUSLY PROGRAMMED, AND  
DELAY CONSTRUCTION FROM FY 19 TO FY 21, AT  
REQUEST OF DIVISION OFFICE.**

ENGINEERING	FY 2019 -	\$60,000	(BGANY)
	FY 2019 -	\$15,000	(L)
RIGHT-OF-WAY	FY 2020 -	\$25,000	(BGANY)
	FY 2020 -	\$6,000	(L)
CONSTRUCTION	FY 2021 -	\$45,000	(HSIP)
	FY 2021 -	\$65,000	(BGANY)
	FY 2021 -	\$65,000	(L)
		\$281,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 10

C-5159	KANNAPOLIS, ROXIE STREET, NC 3 AND DALE	ENGINEERING	FY 2019 -	\$108,000	(CMAQ)
CABARRUS	EARNHARDT BOULEVARD IN KANNAPOLIS. STREET		FY 2019 -	\$27,000	(L)
<b>PROJ.CATEGORY</b>	IMPROVEMENTS.	CONSTRUCTION	FY 2020 -	\$432,000	(CMAQ)
EXEMPT	<u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</b></u>		FY 2020 -	\$108,000	(L)
	<u><b>DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20.</b></u>			\$675,000	

* R-2530B	NC 24-27, BIRD ROAD IN ALBEMARLE TO WEST OF THE	ENGINEERING	FY 2020 -	\$384,000	(T)
STANLY	PEE DEE RIVER		FY 2021 -	\$384,000	(T)
<b>PROJ.CATEGORY</b>	<u><b>PROJECT TO UTILIZE BUILD NC BONDS FOR</b></u>		FY 2022 -	\$384,000	(T)
REGIONAL	<u><b>PRELIMINARY ENGINEERING.</b></u>		FY 2023 -	\$384,000	(T)
			FY 2024 -	\$384,000	(T)
			FY 2025 -	\$384,000	(T)
			FY 2026 -	\$384,000	(T)
			FY 2027 -	\$384,000	(T)
			FY 2028 -	\$384,000	(T)
			FY 2029 -	\$384,000	(T)
			POST YR-	\$1,920,000	(T)
		BUILD NC CONST	FY 2020 -	\$2,574,000	(T)
			FY 2021 -	\$2,574,000	(T)
			FY 2022 -	\$2,574,000	(T)
			FY 2023 -	\$2,574,000	(T)
			FY 2024 -	\$2,574,000	(T)
			FY 2025 -	\$2,574,000	(T)
			FY 2026 -	\$2,574,000	(T)
			FY 2027 -	\$2,574,000	(T)
			FY 2028 -	\$2,574,000	(T)
			FY 2029 -	\$2,574,000	(T)
			POST YR-	\$12,870,000	(T)
		CONSTRUCTION	FY 2020 -	\$1,505,000	(T)
			FY 2021 -	\$9,532,000	(T)
			FY 2022 -	\$9,532,000	(T)
			FY 2023 -	\$9,532,000	(T)
				\$74,471,000	

R-5790	VARIOUS, DIVISION 10 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2020 -	\$3,200,000	(TA)
ANSON	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2020 -	\$800,000	(O)
CABARRUS	WITH DISABILITIES ACT (ADA) USING			\$4,000,000	
MECKLENBURG	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
STANLY	<u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</b></u>				
UNION	<u><b>DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20.</b></u>				
<b>PROJ.CATEGORY</b>					
DIVISION					

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 10

R-5798	US 74 (ANDREW JACKSON HIGHWAY), GRAHAM	RIGHT-OF-WAY	FY 2020 -	\$245,000	(T)
ANSON	STREET TO SR 1749. CONSTRUCT MEDIAN.		FY 2021 -	\$5,225,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u></b>	UTILITIES	FY 2020 -	\$600,000	(T)
STATEWIDE	<b><u>RIGHT-OF-WAY FROM FY 19 TO FY 20.</u></b>	CONSTRUCTION	FY 2024 -	\$3,766,000	(T)
			FY 2025 -	\$3,767,000	(T)
			FY 2026 -	\$3,767,000	(T)
				<u>\$17,370,000</u>	

* U-4713A	SR 3440 (MCKEE ROAD) EXTENSION, SR 3448	ENGINEERING	FY 2020 -	\$57,000	(T)
MECKLENBURG	(PLEASANT PLAINS ROAD) TO SR 1009 (JOHN STREET)		FY 2021 -	\$57,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2022 -	\$57,000	(T)
DIVISION	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2023 -	\$57,000	(T)
			FY 2024 -	\$57,000	(T)
			FY 2025 -	\$57,000	(T)
			FY 2026 -	\$57,000	(T)
			FY 2027 -	\$57,000	(T)
			FY 2028 -	\$57,000	(T)
			FY 2029 -	\$57,000	(T)
			POST YR-	\$285,000	(T)
		BUILD NC ROW	FY 2019 -	\$86,000	(T)
			FY 2020 -	\$86,000	(T)
			FY 2021 -	\$86,000	(T)
			FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$344,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$80,000	(T)
			FY 2020 -	\$1,520,000	(T)
		UTILITIES	FY 2019 -	\$500,000	(T)
		CONSTRUCTION	FY 2020 -	\$2,050,000	(T)
			FY 2020 -	\$2,000,000	(L)
			FY 2021 -	\$2,050,000	(T)
				<u>\$10,345,000</u>	

* U-4714AA	SR 1009 (JOHN STREET-OLD MONROE ROAD), SR 3448-	RIGHT-OF-WAY	FY 2025 -	\$4,574,000	(BGANY)
MECKLENBURG	SR 3474 (TRADE STREET) TO WEST OF I-485.		FY 2026 -	\$4,574,000	(BGANY)
<b>PROJ.CATEGORY</b>	<b><u>MODIFY SEGMENT A TO SEGMENTS AA AND AC. AND</u></b>	CONSTRUCTION	FY 2027 -	\$1,932,000	(BGANY)
DIVISION	<b><u>DELAY RIGHT-OF-WAY FROM FY 19 TO FY 25 AND</u></b>		FY 2028 -	\$1,932,000	(BGANY)
	<b><u>CONSTRUCTION FROM FY 21 TO FY 27 FOR SEGMENT</u></b>		FY 2029 -	\$1,932,000	(BGANY)
	<b><u>AA AT REQUEST OF MPO. SEGMENT AB ALREADY LET</u></b>		POST YR-	\$1,932,000	(BGANY)
	<b><u>WITH I-5507.</u></b>			<u>\$16,876,000</u>	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 10

U-4714AC	SR 1009 (JOHN STREET-OLD MONROE ROAD), EAST OF	RIGHT-OF-WAY	FY 2019 -	\$26,000	(BGANY)
MECKLENBURG	I-485 TO WEST OF MORNINGSIDE MEADOW LANE		FY 2019 -	\$474,000	(BGDA)
UNION	<u>MODIFY SEGMENT A TO SEGMENTS AA AND AC, WITH</u>		FY 2019 -	\$119,000	(S(M))
PROJ.CATEGORY	<u>RIGHT-OF-WAY IN FY 19 AND CONSTRUCTION IN FY 22</u>		FY 2020 -	\$249,000	(BGANY)
DIVISION	<u>AT REQUEST OF MPO. SEGMENT AB ALREADY LET</u>		FY 2020 -	\$4,513,000	(BGDA)
	<u>WITH I-5507.</u>		FY 2020 -	\$1,128,000	(S(M))
			FY 2021 -	\$249,000	(BGANY)
			FY 2021 -	\$4,513,000	(BGDA)
			FY 2021 -	\$1,128,000	(S(M))
		CONSTRUCTION	FY 2022 -	\$2,200,000	(BGANY)
			FY 2022 -	\$1,925,000	(BGDA)
			FY 2022 -	\$481,000	(S(M))
			FY 2023 -	\$2,200,000	(BGANY)
			FY 2023 -	\$1,925,000	(BGDA)
			FY 2023 -	\$481,000	(S(M))
			FY 2024 -	\$2,200,000	(BGANY)
			FY 2024 -	\$1,925,000	(BGDA)
			FY 2024 -	\$481,000	(S(M))
			FY 2025 -	\$2,200,000	(BGANY)
			FY 2025 -	\$1,925,000	(BGDA)
			FY 2025 -	\$481,000	(S(M))
				\$30,823,000	
U-5763	NC 51 (MATTHEWS TOWNSHIP PARKWAY), SR 3356	RIGHT-OF-WAY	FY 2020 -	\$80,000	(T)
MECKLENBURG	(SARDIS ROAD) TO SR 1010 (EAST JOHN STREET/		FY 2021 -	\$1,520,000	(T)
PROJ.CATEGORY	MONROE ROAD). WIDEN EXISTING ROADWAY.	UTILITIES	FY 2020 -	\$200,000	(T)
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	CONSTRUCTION	FY 2024 -	\$2,100,000	(T)
	<u>RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>			\$3,900,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 10

* U-6032	SR 2467 (MALLARD CREEK ROAD)/ SR 1445 (DERITA	ENGINEERING	FY 2020 -	\$86,000	(T)
CABARRUS	ROAD), I-485 TO CONCORD MILLS BOULEVARD (SR		FY 2021 -	\$86,000	(T)
MECKLENBURG	1445). WIDEN TO MULTI-LANES.		FY 2022 -	\$86,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2023 -	\$86,000	(T)
DIVISION	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$430,000	(T)
		BUILD NC ROW	FY 2020 -	\$86,000	(T)
			FY 2021 -	\$86,000	(T)
			FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$430,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$700,000	(T)
			FY 2021 -	\$700,000	(T)
		UTILITIES	FY 2020 -	\$500,000	(T)
		BUILD NC CONST	FY 2023 -	\$2,059,000	(T)
			FY 2024 -	\$2,059,000	(T)
			FY 2025 -	\$2,059,000	(T)
			FY 2026 -	\$2,059,000	(T)
			FY 2027 -	\$2,059,000	(T)
			FY 2028 -	\$2,059,000	(T)
			FY 2029 -	\$2,059,000	(T)
			POST YR-	\$16,472,000	(T)
		CONSTRUCTION	FY 2023 -	\$333,000	(T)
			FY 2024 -	\$333,000	(T)
			FY 2025 -	\$334,000	(T)
				\$36,365,000	
Y-4810K	NORFOLK SOUTHERN MAINLINE, GRADE SEPARATION	RIGHT-OF-WAY	FY 2019 -	\$2,800,000	(T)
CABARRUS	AT ROGERS LAKE ROAD CROSSING (724408Y) IN	CONSTRUCTION	FY 2020 -	\$8,850,000	(T)
<b>PROJ.CATEGORY</b>	KANNAPOLIS.		FY 2020 -	\$450,000	(O)
STATEWIDE	<b><u>TO STRATEGICALLY BALANCE LETTINGS, DELAY</u></b>			\$12,100,000	
	<b><u>CONSTRUCTION FROM FY 19 TO FY 20.</u></b>				

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 11

R-2915E	US 221, US 221 BYPASS TO US 221 BUSINESS/NC 88 IN	CONSTRUCTION	FY 2020 -	\$5,575,000	(BGLT5)
ASHE	JEFFERSON		FY 2021 -	\$5,575,000	(BGLT5)
<b>PROJ.CATEGORY</b>	<b><u>TO STRATEGICALLY BALANCE LETTINGS, DELAY</u></b>		FY 2022 -	\$5,575,000	(BGLT5)
<b>DIVISION</b>	<b><u>CONSTRUCTION FROM FY 19 TO FY 20.</u></b>		FY 2023 -	\$5,575,000	(BGLT5)
				\$22,300,000	

* R-5759	NC 115, US 421 TO 2ND STREET. WIDEN ROADWAY.	ENGINEERING	FY 2020 -	\$62,000	(T)
WILKES	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2021 -	\$62,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2022 -	\$62,000	(T)
<b>DIVISION</b>			FY 2023 -	\$62,000	(T)
			FY 2024 -	\$62,000	(T)
			FY 2025 -	\$62,000	(T)
			FY 2026 -	\$62,000	(T)
			FY 2027 -	\$62,000	(T)
			FY 2028 -	\$62,000	(T)
			FY 2029 -	\$62,000	(T)
			POST YR-	\$310,000	(T)
		BUILD NC ROW	FY 2019 -	\$515,000	(T)
			FY 2020 -	\$515,000	(T)
			FY 2021 -	\$515,000	(T)
			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,500,000	(T)
		UTILITIES	FY 2019 -	\$450,000	(T)
			FY 2020 -	\$450,000	(T)
		CONSTRUCTION	FY 2021 -	\$9,067,000	(T)
			FY 2022 -	\$9,066,000	(T)
			FY 2023 -	\$9,067,000	(T)
				\$38,255,000	

### DIVISION 12

C-5196	HICKORY, 16TH STREET (SANDY RIDGE ROAD) AT 21	RIGHT-OF-WAY	FY 2019 -	\$975,000	(CMAQ)
CATAWBA	ST. AVENUE NE IN HICKORY. CONSTRUCT		FY 2019 -	\$244,000	(L)
<b>PROJ.CATEGORY</b>	ROUNDBOUT.	CONSTRUCTION	FY 2021 -	\$2,722,000	(CMAQ)
<b>EXEMPT</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u></b>		FY 2021 -	\$680,000	(L)
	<b><u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u></b>			\$4,621,000	
	<b><u>AND CONSTRUCTION FROM FY 18 TO FY 21.</u></b>				



## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 12

* R-5100A	SR 1109 (WILLIAMSON ROAD), I-77 TO SR 1100	ENGINEERING	FY 2020 -	\$18,000	(T)
IREDELL	(BRAWLEY SCHOOL ROAD). WIDEN TO MULTI-LANES.		FY 2021 -	\$18,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u></b>		FY 2022 -	\$18,000	(T)
<b>DIVISION</b>	<b><u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</u></b>		FY 2023 -	\$18,000	(T)
	<b><u>AND CONSTRUCTION FROM FY 21 TO FY 22. PROJECT</u></b>		FY 2024 -	\$18,000	(T)
	<b><u>TO UTILIZE BUILD NC BONDS FOR PRELIMINARY</u></b>		FY 2025 -	\$18,000	(T)
	<b><u>ENGINEERING.</u></b>		FY 2026 -	\$18,000	(T)
			FY 2027 -	\$18,000	(T)
			FY 2028 -	\$18,000	(T)
			FY 2029 -	\$18,000	(T)
			POST YR-	\$90,000	(T)
		BUILD NC ROW	FY 2020 -	\$600,000	(T)
			FY 2021 -	\$600,000	(T)
			FY 2022 -	\$600,000	(T)
			FY 2023 -	\$600,000	(T)
			FY 2024 -	\$600,000	(T)
			FY 2025 -	\$600,000	(T)
			FY 2026 -	\$600,000	(T)
			FY 2027 -	\$600,000	(T)
			FY 2028 -	\$600,000	(T)
			FY 2029 -	\$600,000	(T)
			POST YR-	\$3,000,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$50,000	(T)
			FY 2021 -	\$950,000	(T)
		UTILITIES	FY 2020 -	\$500,000	(T)
			FY 2021 -	\$500,000	(T)
		BUILD NC CONST	FY 2022 -	\$2,574,000	(T)
			FY 2023 -	\$2,574,000	(T)
			FY 2024 -	\$2,574,000	(T)
			FY 2025 -	\$2,574,000	(T)
			FY 2026 -	\$2,574,000	(T)
			FY 2027 -	\$2,574,000	(T)
			FY 2028 -	\$2,574,000	(T)
			FY 2029 -	\$2,574,000	(T)
			POST YR-	\$18,018,000	(T)
		CONSTRUCTION	FY 2022 -	\$100,000	(T)
			FY 2023 -	\$100,000	(T)
			FY 2024 -	\$200,000	(T)
				\$50,280,000	
U-5775	US 74 BUSINESS (MARION STREET), INTERSECTION OF	CONSTRUCTION	FY 2020 -	\$100,000	(T)
CLEVELAND	US 74 BUSINESS (MARION STREET) AND NC 150		FY 2020 -	\$300,000	(L)
<b>PROJ.CATEGORY</b>	(CHERRYVILLE ROAD). REALIGN INTERSECTION.		FY 2021 -	\$1,600,000	(T)
<b>REGIONAL</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u></b>			\$2,000,000	
	<b><u>DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u></b>				

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 12

\* U-5799

IREDELL

**PROJ.CATEGORY**  
REGIONAL

SR 1933 TO FORT DOBBS ROAD. WIDEN TO MULTI-LANES AND REALIGN OFFSET INTERSECTIONS OF SR 1922 AND SR 2171.

**PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.**

ENGINEERING	FY 2020 -	\$108,000	(T)
	FY 2021 -	\$108,000	(T)
	FY 2022 -	\$108,000	(T)
	FY 2023 -	\$108,000	(T)
	FY 2024 -	\$108,000	(T)
	FY 2025 -	\$108,000	(T)
	FY 2026 -	\$108,000	(T)
	FY 2027 -	\$108,000	(T)
	FY 2028 -	\$108,000	(T)
	FY 2029 -	\$108,000	(T)
	POST YR-	\$540,000	(T)
BUILD NC ROW	FY 2019 -	\$172,000	(T)
	FY 2020 -	\$172,000	(T)
	FY 2021 -	\$172,000	(T)
	FY 2022 -	\$172,000	(T)
	FY 2023 -	\$172,000	(T)
	FY 2024 -	\$172,000	(T)
	FY 2025 -	\$172,000	(T)
	FY 2026 -	\$172,000	(T)
	FY 2027 -	\$172,000	(T)
	FY 2028 -	\$172,000	(T)
RIGHT-OF-WAY	FY 2019 -	\$600,000	(T)
	FY 2020 -	\$600,000	(T)
	POST YR-	\$688,000	(T)
UTILITIES	FY 2019 -	\$400,000	(T)
	FY 2021 -	\$5,700,000	(T)
	FY 2022 -	\$5,700,000	(T)
		\$17,200,000	

### DIVISION 13

\* I-5831

MADISON

**PROJ.CATEGORY**  
STATEWIDE

I-26, TENNESSEE STATE LINE TO MILEMARKER 9. PAVEMENT AND BRIDGE REHABILITATION.

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 19 TO FY 20, AND COMBINE WITH I-5867 PER REQUEST FROM DIVISION.**

CONSTRUCTION	FY 2020 -	\$3,750,000	(BGIM)
	FY 2021 -	\$3,750,000	(BGIM)
		\$7,500,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 13

\* U-5818

McDOWELL

**PROJ.CATEGORY**

DIVISION

SR 1001 (SUGAR HILL ROAD), I-40 WESTBOUND RAMPS  
TO 0.3 MILE WEST OF I-40 EASTBOUND RAMPS. WIDEN  
ROADWAY.

**PROJECT TO UTILIZE BUILD NC BONDS FOR  
PRELIMINARY ENGINEERING.**

ENGINEERING	FY 2020 -	\$81,000	(T)
	FY 2021 -	\$81,000	(T)
	FY 2022 -	\$81,000	(T)
	FY 2023 -	\$81,000	(T)
	FY 2024 -	\$81,000	(T)
	FY 2025 -	\$81,000	(T)
	FY 2026 -	\$81,000	(T)
	FY 2027 -	\$81,000	(T)
	FY 2028 -	\$81,000	(T)
	FY 2029 -	\$81,000	(T)
	POST YR-	\$405,000	(T)
RIGHT-OF-WAY	FY 2019 -	\$150,000	(T)
UTILITIES	FY 2019 -	\$10,000	(T)
BUILD NC CONST	FY 2019 -	\$601,000	(T)
	FY 2020 -	\$601,000	(T)
	FY 2021 -	\$601,000	(T)
	FY 2022 -	\$601,000	(T)
	FY 2023 -	\$601,000	(T)
	FY 2024 -	\$601,000	(T)
	FY 2025 -	\$601,000	(T)
	FY 2026 -	\$601,000	(T)
	FY 2027 -	\$601,000	(T)
	FY 2028 -	\$601,000	(T)
	FY 2029 -	\$601,000	(T)
	POST YR-	\$2,404,000	(T)
CONSTRUCTION	FY 2019 -	\$100,000	(T)
	FY 2020 -	\$1,000,000	(T)
		<u>\$11,490,000</u>	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 13

* U-5833	SR 2241 (OAK STREET), SR 2159 (PINE RIDGE ROAD)	ENGINEERING	FY 2020 -	\$58,000	(T)
RUTHERFORD	TO US 74. WIDEN EXISTING ROADWAY.		FY 2021 -	\$58,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2022 -	\$58,000	(T)
DIVISION	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2023 -	\$58,000	(T)
			FY 2024 -	\$58,000	(T)
			FY 2025 -	\$58,000	(T)
			FY 2026 -	\$58,000	(T)
			FY 2027 -	\$58,000	(T)
			FY 2028 -	\$58,000	(T)
			FY 2029 -	\$58,000	(T)
			POST YR-	\$290,000	(T)
		BUILD NC CONST	FY 2019 -	\$429,000	(T)
			FY 2020 -	\$429,000	(T)
			FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$1,716,000	(T)
		CONSTRUCTION	FY 2019 -	\$1,300,000	(T)
				\$8,605,000	
U-6057	MORGANTON, SOUTH STERLING STREET TO WEST	CONSTRUCTION	FY 2019 -	\$1,345,000	(APD)
BURKE	PARKER ROAD. CONSTRUCT CONNECTOR ROAD.			\$1,345,000	
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u></b>				
EXEMPT	<b><u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u></b>				

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 14

\* R-5734B

MACON

**PROJ.CATEGORY**

REGIONAL

US 23/US 441, SR 1652 (WIDE HORIZON DRIVE)/SR 1152 ENGINEERING  
(BELDEN CIRCLE) TO SR 1649 (PRENTISS BRIDGE  
ROAD).

**PROJECT TO UTILIZE BUILD NC BONDS FOR  
PRELIMINARY ENGINEERING.**

	FY 2020 -	\$59,000	(T)
	FY 2021 -	\$59,000	(T)
	FY 2022 -	\$59,000	(T)
	FY 2023 -	\$59,000	(T)
	FY 2024 -	\$59,000	(T)
	FY 2025 -	\$59,000	(T)
	FY 2026 -	\$59,000	(T)
	FY 2027 -	\$59,000	(T)
	FY 2028 -	\$59,000	(T)
	FY 2029 -	\$59,000	(T)
	POST YR-	\$295,000	(T)
BUILD NC ROW	FY 2020 -	\$429,000	(T)
	FY 2021 -	\$429,000	(T)
	FY 2022 -	\$429,000	(T)
	FY 2023 -	\$429,000	(T)
	FY 2024 -	\$429,000	(T)
	FY 2025 -	\$429,000	(T)
	FY 2026 -	\$429,000	(T)
	FY 2027 -	\$429,000	(T)
	FY 2028 -	\$429,000	(T)
	FY 2029 -	\$429,000	(T)
	POST YR-	\$2,145,000	(T)
RIGHT-OF-WAY	FY 2020 -	\$3,800,000	(T)
	FY 2021 -	\$3,800,000	(T)
UTILITIES	FY 2020 -	\$650,000	(T)
	FY 2021 -	\$650,000	(T)
CONSTRUCTION	FY 2023 -	\$5,700,000	(T)
	FY 2024 -	\$5,700,000	(T)
	FY 2025 -	\$5,700,000	(T)
		<u>\$33,320,000</u>	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 14

\* R-5735

CHEROKEE

**PROJ.CATEGORY**

DIVISION

US 19/US 74/ US 64/US 129, END OF 4-LANE DIVIDED  
SECTION TO US 19 BUSINESS (HIWASSEE STREET).  
IMPROVE ROADWAY.

**PROJECT TO UTILIZE BUILD NC BONDS FOR  
PRELIMINARY ENGINEERING.**

ENGINEERING	FY 2020 -	\$128,000	(T)
	FY 2021 -	\$128,000	(T)
	FY 2022 -	\$128,000	(T)
	FY 2023 -	\$128,000	(T)
	FY 2024 -	\$128,000	(T)
	FY 2025 -	\$128,000	(T)
	FY 2026 -	\$128,000	(T)
	FY 2027 -	\$128,000	(T)
	FY 2028 -	\$128,000	(T)
	FY 2029 -	\$128,000	(T)
	POST YR-	\$640,000	(T)
BUILD NC CONST	FY 2019 -	\$515,000	(T)
	FY 2020 -	\$515,000	(T)
	FY 2021 -	\$515,000	(T)
	FY 2022 -	\$515,000	(T)
	FY 2023 -	\$515,000	(T)
	FY 2024 -	\$515,000	(T)
	FY 2025 -	\$515,000	(T)
	FY 2026 -	\$515,000	(T)
	FY 2027 -	\$515,000	(T)
	FY 2028 -	\$515,000	(T)
CONSTRUCTION	FY 2029 -	\$515,000	(T)
	POST YR-	\$2,060,000	(T)
	FY 2019 -	\$245,000	(T)
	FY 2020 -	<u>\$12,055,000</u>	(T)
		\$21,945,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 14

* R-5742	NC 175, GEORGIA STATE LINE TO US 64. UPGRADE	ENGINEERING	FY 2020 -	\$134,000	(T)
CLAY	ROADWAY.		FY 2021 -	\$134,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2022 -	\$134,000	(T)
<b>DIVISION</b>	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2023 -	\$134,000	(T)
			FY 2024 -	\$134,000	(T)
			FY 2025 -	\$134,000	(T)
			FY 2026 -	\$134,000	(T)
			FY 2027 -	\$134,000	(T)
			FY 2028 -	\$134,000	(T)
			FY 2029 -	\$134,000	(T)
			POST YR-	\$670,000	(T)
		BUILD NC CONST	FY 2019 -	\$515,000	(T)
			FY 2020 -	\$515,000	(T)
			FY 2021 -	\$515,000	(T)
			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		CONSTRUCTION	FY 2019 -	\$765,000	(T)
			FY 2020 -	\$8,168,000	(T)
			FY 2021 -	\$8,168,000	(T)
				\$26,836,000	

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 14

\* U-5839

HAYWOOD

**PROJ.CATEGORY**

DIVISION

US 276 (RUSS AVENUE), US 23/74 TO US 23 BUSINESS  
(MAIN STREET). UPGRADE CORRIDOR.

**PROJECT TO UTILIZE BUILD NC BONDS FOR  
PRELIMINARY ENGINEERING.**

ENGINEERING

FY 2020 - \$135,000 (T)

FY 2021 - \$135,000 (T)

FY 2022 - \$135,000 (T)

FY 2023 - \$135,000 (T)

FY 2024 - \$135,000 (T)

FY 2025 - \$135,000 (T)

FY 2026 - \$135,000 (T)

FY 2027 - \$135,000 (T)

FY 2028 - \$135,000 (T)

FY 2029 - \$135,000 (T)

POST YR- \$675,000 (T)

BUILD NC ROW

FY 2019 - \$258,000 (T)

FY 2020 - \$258,000 (T)

FY 2021 - \$258,000 (T)

FY 2022 - \$258,000 (T)

FY 2023 - \$258,000 (T)

FY 2024 - \$258,000 (T)

FY 2025 - \$258,000 (T)

FY 2026 - \$258,000 (T)

FY 2027 - \$258,000 (T)

FY 2028 - \$258,000 (T)

FY 2029 - \$258,000 (T)

POST YR- \$1,032,000 (T)

RIGHT-OF-WAY

FY 2019 - \$160,000 (T)

FY 2020 - \$3,040,000 (T)

UTILITIES

FY 2019 - \$750,000 (T)

CONSTRUCTION

FY 2021 - \$3,600,000 (T)

FY 2022 - \$3,600,000 (T)

FY 2023 - \$3,600,000 (T)

\$20,645,000



## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 14

* U-5840	SR 1547 (OLD AIRPORT ROAD), US 25 TO MILLS GAP	ENGINEERING	FY 2020 -	\$82,000	(T)
HENDERSON	ROAD. WIDEN ROADWAY.		FY 2021 -	\$82,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b>		FY 2022 -	\$82,000	(T)
<b>DIVISION</b>	<b><u>PRELIMINARY ENGINEERING.</u></b>		FY 2023 -	\$82,000	(T)
			FY 2024 -	\$82,000	(T)
			FY 2025 -	\$82,000	(T)
			FY 2026 -	\$82,000	(T)
			FY 2027 -	\$82,000	(T)
			FY 2028 -	\$82,000	(T)
			FY 2029 -	\$82,000	(T)
			POST YR-	\$410,000	(T)
		BUILD NC CONST	FY 2019 -	\$600,000	(T)
			FY 2020 -	\$600,000	(T)
			FY 2021 -	\$600,000	(T)
			FY 2022 -	\$600,000	(T)
			FY 2023 -	\$600,000	(T)
			FY 2024 -	\$600,000	(T)
			FY 2025 -	\$600,000	(T)
			FY 2026 -	\$600,000	(T)
			FY 2027 -	\$600,000	(T)
			FY 2028 -	\$600,000	(T)
			FY 2029 -	\$600,000	(T)
			POST YR-	\$2,400,000	(T)
		CONSTRUCTION	FY 2019 -	\$2,100,000	(T)
				\$12,330,000	

## STIP DELETIONS

### DIVISION 1

* B-4577	REPLACE BRIDGE 570071 OVER FLAT SWAMP.	RIGHT-OF-WAY	FY 2019 -	\$67,000	(BGOFF)
MARTIN	<b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u></b>	CONSTRUCTION	FY 2020 -	\$650,000	(BGOFF)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT 17BP.1.R.86.</u></b>			\$717,000	
<b>DIVISION</b>					

### DIVISION 4

* B-6043	REPLACE BRIDGE 500037 OVER CSX RR.	RIGHT-OF-WAY	FY 2021 -	\$450,000	(NHPB)
JOHNSTON	<b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u></b>	CONSTRUCTION	FY 2023 -	\$4,500,000	(NHPB)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT I-5974.</u></b>			\$4,950,000	
<b>REGIONAL</b>					

## HIGHWAY PROGRAM STIP DELETIONS

### DIVISION 12

* EB-5791	NC 273 (HIGHLAND STREET), SR 2044 (TUCKASEEGEE	CONSTRUCTION	FY 2019 -	\$344,000	(TA5200)
GASTON	ROAD) TO SUMMIT AVENUE. CONSTRUCT MISSING		FY 2019 -	\$85,000	(L)
<b>PROJ.CATEGORY</b>	SIDEWALK ON BOTH SIDES OF ROAD.			\$429,000	
DIVISION	<b><u>DELETE AT THE REQUEST OF CITY OF MOUNT HOLLY.</u></b>				

### DIVISION 13

* I-5867	I-26, TENNESSEE STATE LINE TO MILEMARKER 4.	CONSTRUCTION	FY 2020 -	\$2,600,000	(BGIM)
MADISON	PAVEMENT REHABILITATION.		FY 2021 -	\$2,600,000	(BGIM)
<b>PROJ.CATEGORY</b>	<b><u>DELETE AT THE REQUEST OF DIVISION. WORK TO BE</u></b>			\$5,200,000	
STATEWIDE	<b><u>ACCOMPLISHED UNDER I-5831.</u></b>				

### **ITEM N SUMMARY**

ADDITIONS	4	PROJECTS	\$2,856,000
MODIFICATIONS	76	PROJECTS	
DELETIONS	4	PROJECTS	\$11,296,000
	84	PROJECTS	(\$8,440,000)

## NCDOT July 2019 Board of Transportation Agenda

### Aviation Program

#### Division Airport County

#### Project Description

Division 1  
Halifax-  
Northampton  
County Regional  
Airport  
Halifax County

#### **AIRFIELD DRAINAGE REPAIRS**

This project will repair and backfill significant erosion around approximately 12 drop inlets in the airfield. Costs include design through construction for full award.  
[PR# 2176]

Division 3  
Cape Fear  
Regional Jetport  
Brunswick County

#### **LAND ACQUISITION FOR WEST APRON EXPANSION (36244.58.11.2)**

Reimbursement for 45.5 acres of land acquisition for west apron expansion.  
[PR# 2176]

Division 4  
Johnston County  
Airport  
Johnston County

#### **ENVIRONMENTAL ASSESSMENT FOR MID-AIRFIELD DEVELOPMENT**

This project will complete the environmental assessment for the planned mid-airfield development. This development will enhance airport capacity and will occur in phases per the Airport Layout Plan.  
[PR# 4188]

Division 5  
Person County  
Airport  
Person County

#### **RUNWAY SAFETY AREA WIDENING AND PAVEMENT REHAB (DESIGN/BID) - SCOPE CHANGE (36244.60.9.3)**

The original project award was to design and bid the RSA widening to meet current FAA guidance. This scope change adds runway and other pavement rehabilitation design that can be bid together to reduce overall airport impacts.  
[PR# 3593]

Division 7  
Burlington-  
Alamance Regional  
Airport  
Alamance County

#### **SEWER EXPANSION TO EAST SIDE OF AIRFIELD (36244.16.15.1)**

This is an additional funding request for Aviation Division Economic Development Funds to support the installation of city sewer to accommodate the development of additional hangars to the east side of the airfield.  
[PR# 3655]

## NCDOT July 2019 Board of Transportation Agenda

### Aviation Program

Division 8  
Raleigh Executive  
Jetport  
Lee County

#### **RUNWAY APPROACH CLEARING (DESIGN, PERMIT, BID)**

This project will include the design, permitting, and bidding phases to clear and grub approximately 100 acres of trees penetrating both runway approaches as identified in a recent approach survey.  
[PR# 4180]

Division 8  
Montgomery  
County Airport  
Montgomery  
County

#### **AIRPORT LAYOUT PLAN UPDATE**

This project is to update the airport's current ALP which is nearing 10 years old to create an updated plan for the airport's future development.  
[PR# 4069]

Division 8  
Montgomery  
County Airport  
Montgomery  
County

#### **SELF-SERVICE FUEL FARM (36244.64.6.1)**

This is an additional funding request of to complete construction and activation of the new fuel farm. Additional funds are needed for fuel management software and additional professional services throughout project.  
[PR# 3257]

Division 8  
Moore County  
Airport  
Moore County

#### **RUNWAY, TAXIWAY & APRON LIGHTS/SIGNAGE (DESIGN/BID)**

The existing High Intensity Runway Lights (HIRL), Runway Signs and Runway Distance Remaining Signs, and the existing Taxiway Lights are all reaching the end of their service life. This project will replace the existing runway lights, signs and taxiway lights with LED fixtures, reducing Airport energy usage.  
[PR# 2496]

Division 11  
Ashe County  
Airport  
Ashe County

#### **FUEL FARM REPLACEMENT AND TERMINAL FENCE INSTALLATION (36244.29.8.1)**

This is an additional funding request for \$171,180 to complete construction, construction administration and inspection services for the removal and replacement of the fuel farm and installation of new fence around the terminal area.  
[PR# 3939]

Division 11  
Ashe County  
Airport  
Ashe County

#### **RUNWAY PROTECTION ZONE OBSTRUCTION CLEARING**

Project includes clearing, grubbing, seeding and mulching of approximately 4 acres for Runway 10 and 0.25 acre for Runway 28.  
[PR# 3984]

## **NCDOT July 2019 Board of Transportation Agenda**

### **Aviation Program**

Division 11 Avery County – Morrison Field Avery County	<b>APRON EXPANSION &amp; PARTIAL PARALLEL TAXIWAY (CA/RPR/CONST)</b> This project will complete the construction phase to expand the apron to meet system plan goals and install partial parallel taxiway to remove direct access to the runway enhancing safety. [PR# 3973]
Division 12 Shelby-Cleveland County Regional Airport Cleveland County	<b>UPDATE AIRPORT LAYOUT PLAN</b> This project is to update the airport layout plan and airport layout drawings to reflect forecasts and future improvements. [PR# 2332]
Division 14 Jackson County Airport Jackson County	<b>RUNWAY RESTORATION GEOTECHNICAL INVESTIGATION</b> This project is to conduct a detailed geotechnical investigation including borings to aid the design of the haul/access road that will be necessary to complete design for the runway restoration project. [PR# 3587]

## NCDOT June 27, 2019 Board of Transportation Agenda

SUMMARY: There are a total of 44 agreements for approval by the Board of Transportation

### Statewide

NC Department of Information  
Technology Center for  
Geographic Information and  
Analysis  
36249.4034

This Project consists of providing Orthoimagery Advisory and Technical Services for the Digital Coastal Orthoimagery 2020 Project in 27 counties of North Carolina, totaling approximately 15,678 square miles and 17,483 orthoimagery tiles (the study area). The Agency shall reimburse the Department 100% of the actual cost of all work performed by the Department, including administrative costs. The estimated cost of the project is \$155,000.

### Division 1

City of Elizabeth City  
Pasquotank County  
B-6053  
48754.1.1  
48754.2.1  
48754.3.1

This Project consists of replacement of Municipal Bridge No. 34 over Knobbs Creek on Providence Road in Elizabeth City. The Municipality is responsible for the project. The Department shall reimburse 80% of approved eligible expenses from federal funds, not to exceed \$480,000. The Municipality will provide the 20% non-federal match (\$120,000) and all costs that exceed the total estimated cost of \$600,000.

North Carolina & Virginia  
Railroad Company  
(NCVA)  
Northampton County  
80000.1.4.72

This Rail Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds for rail improvements on NCVA track. The Project will replace worn rail from Milepost 59.5 to Milepost 61.1. NCVA will be responsible for performing all the work. The Department will participate in the total cost of the project up to \$510,000. The estimated cost of this project is \$1,000,000.

### Division 2

City of Greenville  
Pitt County  
U-5785  
44357.3.1

This Project consists of construction of the Turnbury Drive Extension from East Firetower Road to East Arlington Boulevard. The Department is responsible for the project. The Municipality shall assume ownership and maintenance of the Turnbury Drive Extension improvements upon completion of the project.

Town of Ayden  
Pitt County  
R-2250  
34411.3.7

This Project consists of the installation of ornamental fencing in place of standard woven wire fencing along the town limits of the project. The Municipality shall perform the work. The Department will participate in the construction costs of the project, up to a maximum amount of \$8,247. Costs which exceed that amount shall be borne by the Municipality.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 2, cont.

Greenville Utilities Commission Pitt County U-5917 44679.1.1	This Project consists of improvements on SR 1704 (East 14 <sup>th</sup> Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road for the widening of SR 1704. At the request of the Agency, the Department shall prepare the design plans for the sewer line relocations associated with the project. The cost to the Agency is \$12,094.85.
Greenville Utilities Commission Pitt County U-5917 44679.1.1	This Project consists of improvements on SR 1704 (East 14 <sup>th</sup> Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road for the widening of SR 1704. At the request of the Agency, the Department shall prepare the design plans for the water line relocations associated with the project. The cost to the Agency is \$51,073.36.
Greenville Utilities Commission Pitt County U-5917 44679.1.1	This Project consists of improvements on SR 1704 (East 14 <sup>th</sup> Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road for the widening of SR 1704. At the request of the Agency, the Department shall prepare the design plans for the gas line relocations associated with the project. The cost to the Agency is \$52,270.56.
Greenville Utilities Commission Pitt County U-2817 34868.1.FD3	This Project consists of improvements on SR 1700 (Evans Street/Old Tar Road) from SR 1711 (Worthington Road) to US 264A (Greenville Boulevard). At the request of the Agency, the Department shall prepare the design plans for the gas main relocations associated with the project. The cost to the Agency is \$123,474.89.
Greenville Utilities Commission Pitt County U-2817 34868.1.FD3	This Project consists of improvements on SR 1700 (Evans Street/Old Tar Road) from SR 1711 (Worthington Road) to US 264A (Greenville Boulevard). At the request of the Agency, the Department shall prepare the design plans for the water line relocations associated with the project. The cost to the Agency is \$123,999.95.
Greenville Utilities Commission Pitt County U-2817 34868.1.FD3	This Project consists of improvements on SR 1700 (Evans Street/Old Tar Road) from SR 1711 (Worthington Road) to US 264A (Greenville Boulevard). At the request of the Agency, the Department shall prepare the design plans for the sewer line relocations associated with the project. The cost to the Agency is \$49,730.11.

## NCDOT June 27, 2019 Board of Transportation Agenda

### Division 2, cont.

Carolina Coastal Railway (CLNA) Carteret, Pitt and Nash Counties	This CLNA Master Rail Freight Assistance Agreement is for the improvement of railroad infrastructure, health, and safety within the State for the operating efficiency of the rail corridor. Project specific work and funding shall be identified through separate written addenda to this Agreement.
Carolina Coastal Railway (CLNA) Norfolk Southern Railway Company (NSR) Carteret and Pitt Counties Nash County 80000.1.4.78	This Addendum Number 1 to the CLNA Master Rail Freight Assistance Agreement is for the replacement of sixty-two crossties at ABA Milepost 135.8, one thousand three hundred and forty-three ties at Milepost NS 160.5, upgrade to one hundred pound rail and one hundred and thirty-two pound rail, along with track surfacing at Milepost NS 160.5. NSR owns a portion of the railroad. As a partial owner of the railroad, NSR will execute with the Department a Contingent Interest Agreement and Instrument of Indebtedness. The total cost of the project is \$339,184. The Department shall participate in the project costs up to \$169,593.

### Division 3

CSX Transportation Inc. (CSXT) New Hanover County U-4434 37764.1.1	The Department and CSXT, on November 4, 2011, entered into a Master Rail Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement project would be identified through a separate written agreement to the MEA. This Addendum No. 21 to the Master Rail Engineering Agreement with CSXT covers approval of federal funds to develop preliminary plans for the construction of the Independence Boulevard extension from Randall Parkway to Martin Luther King, Jr. Parkway, and includes grade separated crossings of the CSXT railroad (the "Project"). The specific work provided by this Agreement includes the preliminary engineering, right-of-way acquisition, utility relocation, design, document preparation, and permitting activities necessary to pursue the development of the Project. The Department shall be responsible for the work provide by this Agreement, and CSXT shall be responsible for review. The Department shall reimburse CSXT for 100% of the total project costs. Estimated cost of the work is \$15,000.
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## NCDOT June 27, 2019 Board of Transportation Agenda

### Division 3, cont.

City of Wilmington  
New Hanover County  
EB-6028  
48749.1.1  
48749.3.1

This Project consists of construction of a signalized pedestrian crossing at US 17 Business (Market Street) and 21<sup>st</sup> Street in Wilmington. The Municipality is responsible for the project. The Department shall reimburse 80% of approved eligible expenses from federal funds, not to exceed \$160,000. The Municipality will provide the 20% non-federal match (\$40,000) and all costs that exceed the total estimated cost of \$200,000.

City of Jacksonville  
Onslow County  
3.1067SM  
3.2067SM

This Municipal Operations Agreement (Schedule C) provides for the municipal operations of State-owned traffic signals at certain intersections on the State Highway System within or near the City of Jacksonville. The Department shall reimburse the Municipality based on an approved annual amount for the traffic signals operation, maintenance and administrative costs as per the Agreement.

City of Jacksonville  
Onslow County  
3.1067SM  
3.2067SM

This Municipal Operations Agreement (Schedule D) provides for the operation of the computerized traffic signal systems as indicated in the Agreement. The Municipality shall be responsible for timing plans, electric traffic signals and other traffic control devices on the State Highway System Streets located within or near the City of Jacksonville. The Department shall reimburse the Municipality based on an approved annual amount for the traffic signals operation, maintenance and administrative costs as per the Agreement.

### Division 4

Town of Micro  
Johnston County  
R-5784DK  
44914.3.19

This Project consists of curb ramp upgrades to construct ADA compliant curb ramps in Micro. The Department shall perform the work. The Municipality will provide the 20% non-federal match (\$8,225) for the work performed on the non-system streets. The estimated cost of the work is \$41,125. The Municipality is responsible for all costs that exceed \$41,125.

## NCDOT June 27, 2019 Board of Transportation Agenda

### Division 4, cont.

Town of Clayton  
Johnston County  
U-5530LA  
U-5530LB  
44111.1.FD5  
44111.1.FD6  
44111.3.5  
44111.3.6

This Project consists of the design and construction of Sam's Branch Greenway in Clayton. The Municipality is responsible for the project. This Supplemental Agreement is for an increase in funding. The Department shall reimburse an additional 80% of approved eligible expenses from federal funds, not to exceed \$991,471. The Municipality will provide the 20% non-federal match (\$247,867) to the additional funding and in all costs that exceed the total project funding of \$3,570,338.

### Division 5

Department of Commerce  
(Commerce)  
Wake County  
32227

On August 15, 2016, the Department and Commerce entered into a Call Center Agreement for the establishment of an operation to distribute current and pertinent information regarding traffic conditions, rail schedules, travel and tourism. The timeframe for the operation of this service was for three years beginning on September 1, 2016 and ending on September 1, 2019 with two one-year renewal options. The parties now wish to exercise the first one-year option. This Supplemental Rail Agreement No. 1 to the Call Center Agreement would extend the timeframe for the operation of the service for one year beginning on September 1, 2019 and ending on September 1, 2020. All other terms and conditions of the Agreement executed on August 15, 2016 will remain the same.

Town of Cary  
Wake County  
C-5604IB  
43714.3.5

This Project consists of the construction of a gap in the White Oak Creek Greenway in Cary. This Supplemental Agreement revises the funding participation cost share rate from the previous Supplemental Agreement and increases the funding. The Department shall reimburse an additional 80% of approved eligible expenses from federal funds, not to exceed \$2,960,000. The Municipality will provide the 20% non-federal match in the amount of \$740,000 and all costs that exceed the total project funding of \$8,250,000.

## NCDOT June 27, 2019 Board of Transportation Agenda

### Division 5, cont.

Town of Cary  
Wake County  
C-5604ID  
43714.2.16  
43714.3.16

This Project consists of the construction of a greenway trail starting from at Union Street and extending to Kildaire Farm Road near Cary Elementary School in Cary. This Supplemental Agreement revises the funding participation cost share rate from 70/30 to 80/20. The Department shall reimburse 80% of approved eligible expenses from federal funds, not to exceed \$1,520,000. The Municipality will provide the 20% non-federal match (\$380,000) for a total project funding of \$1,900,000 and is responsible for any costs that exceed this amount.

City of Raleigh  
Wake County  
U-5826  
44398.1.1  
44398.2.1  
44398.3.1

This Project consists of the widening SR 2000 (Falls of Neuse Road) from I-540 to SR 2006 (Durant Road). At the request of the Municipality, the Department shall include the construction of pedestrian facilities within the Project limits. The Municipality shall reimburse the Department 50% of the actual costs of the pedestrian facilities. The estimated cost of the pedestrian facilities is \$101,872. The estimated cost to the Municipality is \$50,936.

City of Raleigh  
Wake County  
B-4654  
38454.3.1

This Project consists of replacement of Bridge No. 69 over US 70 on NC 50 (Benson Road) to adjust and relocate water and sewer lines. This Supplemental Utility Construction Agreement is to add funding for the Project. The Municipality's original estimated cost was \$643,904. The Municipality shall reimburse the Department an additional \$172,142. The total estimated cost to the Municipality is \$816,046.

Town of Morrisville  
Wake County  
36249.4033

The Project consists of the new roadway extension of Airport Boulevard from Garden Square Lane to Church Street in Morrisville. The Town is providing \$600,000 to NCDOT for NCDOT to manage the planning and design of this roadway extension.

### Division 6

City of Fayetteville  
Cumberland County  
U-5798A  
44369.1.2  
44369.2.2  
44369.3.2

This Project consists of widening SR 1102 (Gillis Hill Road) from north of SR 1112 (Stoney Point Road) to US 401 (Raeford Road). At the request of the Municipality, the Department shall include construction of sidewalks on both sides of SR 1102 (Gillis Hill Road) as betterments. The Municipality shall pay a lump sum of \$150,727.50 for the betterments.

## NCDOT June 27, 2019 Board of Transportation Agenda

### Division 7

Town of Chapel Hill  
Orange County  
EB-5721  
50417.1.1  
50417.3.1

This Project consists of construction of a multi-modal side path along Fordham Boulevard (Highway 15-501) in Chapel Hill. This Supplemental Agreement is for an increase in funding. The Department shall reimburse an additional 80% of approved eligible expenses from federal funds, not to exceed \$400,000. The Municipality will provide the 20% non-federal match (\$100,000) to the additional funding and in all costs that exceed the total estimated cost of \$1,058,000.

City of Greensboro  
Guilford County  
17BP.7.R.107

This Project consists of relocating a 12" sewer line for the Bridge replacement on SR 1005 (Alamance Church Road). This Utility Agreement is for the construction contractor to adjust and relocate sewer lines. The Municipality shall be responsible for 100% of the cost of the sewer lines. The estimated cost is \$52,940.

### Division 8

The Aberdeen & Rockfish  
Railroad Company (AR)  
Moore County  
80000.1.4.75

This Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds for rail improvements on AR track. The Project will provide an engineering design for a future bridge upgrade over Beaver Creek (MP 38.0), installation of relay ties between MP 0.5 and MP 17.0, and the rehabilitation and capacity expansion of track 7 and 8 at the Fayetteville River Terminal. AR will be responsible for performing all the work. The Department will participate in the total cost of the project up to \$188,700. The estimated cost of this project is \$377,540.

### Division 9

Piedmont Authority for Regional  
Transportation (P.A.R.T.)  
Davidson and Forsyth Counties  
C-5600M  
50061.4.2

On August 16, 2018, the Department and P.A.R.T. entered into a Reimbursement Agreement for Transit Service that covered the terms and conditions by which P.A.R.T. would be reimbursed for providing additional bus service between Winston-Salem and High Point due to the increase in frequency of the Piedmont train services. This Supplemental Rail Agreement No. 1 to the Reimbursement Agreement for Transit Service extends the duration of the service for 2 years, from 2019 to 2021, with an option for 3 additional years, and increases the Department's participation in the project from \$33,519 to \$50,275. All other provisions of the original agreement executed on August 16, 2018 shall remain the same.

## NCDOT June 27, 2019 Board of Transportation Agenda

### Division 9, cont.

City of Winston-Salem  
Forsyth County  
Z-5700IE  
44803.3.42

This Rail Municipal Agreement covers the design and construction of highway-rail, grade crossing safety improvements consisting of active traffic control warning devices and related roadway safety improvements at Fourteenth Street (Crossing # 722 043M, MP 26.57). The Department will coordinate with the railroad for the warning device work, and the Municipality shall be responsible for any roadway work. The Department will be responsible for 90% of the cost of the work, and the Municipality will be responsible for 10% of the cost of the work. The estimated total cost of the project is \$320,000.

City of Winston-Salem  
Whitaker Park Development  
Authority  
Forsyth County  
U-6231  
48777.3.1

The Project consists of the construction of new access road to serve Whitaker Park, from SR 4001 (Reynolds Boulevard) to south of SR 2264 (Akron Drive) at intersection of SR 1763 (Indiana Avenue) in Winston-Salem. The Department shall participate in the actual construction costs up to a maximum amount of \$1,300,000. Costs which exceed this amount shall be borne by the Developer and Municipality. The total estimated cost is \$4,000,000.

### Division 10

Wilmington Terminal Railroad, LP  
(WTRY)  
North Carolina State Ports  
Authority (NCSPA)  
Mecklenburg County  
80000.1.4.53

On February 22, 2018, the Department, WTRY, and NCSPA entered into a Rail Freight Assistance Agreement for the modernization of 1,230 feet of existing Track 1 and 3,020 feet of Track 18 on the NCSPA right of way in New Hanover County. The NCSPA was to perform the work and the Department's participation in the project was up to \$625,272.40. This Supplement rail Agreement No. 1 expands the scope of the project to include intermodal improvements at the Charlotte Inland Terminal to support the Queen City Express operations and changes the Department's participation in the project from \$635,272.40 to \$2,243,197. The NCSPA will perform all of the construction work, and the Department will review the bid package and perform a final inspection of the completed project. The total cost of the project is changed from \$1,250,544.80 to \$4,486,392.13. All other terms and conditions of the Rail Freight Assistance Agreement execution on February 22, 2018 will remain the same.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 10, cont.

CSX Transportation, Inc.  
(CSXT)  
Union County  
U-6031  
47156.1.1

The Department and CSXT, on November 4, 2011, entered into a Master Rail Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement project would be identified through a separate written agreement to the MEA. This Addendum #19 to the MEA provides the terms for CSXT to review the design plans for the widening of SR 1009 (Charlotte Avenue), from Seymour Street to NC 200 (Dickerson Boulevard). The Department will prepare and submit the plans to CSXT for review and approval. CSXT will review the Department's plans and will be responsible for preparing the project's railroad signal plans. The Department will reimburse CSXT 100% of the cost of work performed by CSXT. The estimated cost of the work is \$15,000.

Town of Harrisburg  
Cabarrus County  
10RE.101315  
10RE.201315

This Project consists of routine mowing maintenance within the municipal limits of Harrisburg. The Municipality will perform the work. The Department shall reimburse the Municipality up to a maximum amount of \$16,007.52 annually for the mowing services.

Town of Indian Trail  
Union County  
10RE.209017

This Project consists of routine litter removal within the municipal limits of Indian Trail. The Municipality will perform the work. The Department shall reimburse the Municipality up to a maximum amount of \$31,603.80 annually for the litter removal.

City of Kannapolis  
Cabarrus County  
C-5603F  
43713.1.6  
43713.2.6  
43713.3.6

This Project consists of constructing sidewalk along Bethpage Road from South Main Street to Leonard Avenue. The Municipality is responsible for all phases of the Project. This Supplemental Agreement is to reduce the Department's funding on C-5603F by \$440,000 and reallocates it to Project C-5161. The Department shall participate in the revised funding amount, not to exceed \$208,000 (80%) in federal funds. The Municipality will provide the 20% non-federal match (\$52,000) and all costs that exceed the total estimated cost of \$260,000.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 10, cont.

City of Kannapolis  
Cabarrus County  
C-5161  
46226.1.F1  
46226.3.3

This Project consists of the construction the Irish Buffalo Creek Greenway and the Oakwood Connector. The Municipality is responsible for all phases of the project. This Supplemental Agreement is to increase funding. The Department shall reimburse an additional 80% of approved eligible expenses from federal funds, not to exceed \$440,000. The Municipality will provide the 20% non-federal match (\$110,000) to the additional funding and in all costs that exceed the estimated cost of \$3,220,000.

Division 12

Alexander Railroad Company  
(ARC)  
Iredell County  
80000.1.4.76

This Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds for rail improvements on ARC track. The Project will extend upgrades to the main track and railroad-owned sidings at the western end of the Statesville Yard. The Improvements will include rail, switch and crossing replacement. ARC will be responsible for performing all the work. The Department will participate in the total cost of the project up to \$387,100. The estimated cost of this project is \$774,200.

CSX Transportation (CSXT)  
Gaston County  
U-5819  
44391.1.1

The Department and CSXT, on November 4, 2011, entered into a Master Rail Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement project would be identified through a separate written agreement to the MEA. This Addendum No. 20 to the Master Engineering Agreement with CSXT covers approval of State funds to develop preliminary plans for improvements to the intersection at NC 27 (W. Charlotte Avenue) and SR 3456 (Hawthorne Street) on the CSXT railroad (the "Project"). The specific work provided by this Agreement includes the preliminary engineering, right-of-way acquisition, utility relocation, design, document preparation, and permitting activities necessary to pursue the development of the Project. The Department shall be responsible for the work indicated in this Agreement, and CSXT shall be responsible for review. The Department shall reimburse CSXT for 100% of the total project costs. Estimated cost of the work is \$15,000.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 12, cont.

City of Claremont  
Catawba County  
C-5195  
46247.1.1  
46247.3.3

This Project consists of constructing sidewalk in multiple locations along Centennial Boulevard, Calvin Street, S. Depot Street, Yount Street, Bethlehem Drive, and School Street in Claremont. The Municipality is responsible for all phases of the project. This Supplemental Agreement increases funding. The Department shall reimburse an additional 80% of approved eligible expenses from federal funds, not to exceed \$100,000. The Municipality will provide the 20% non-federal match (\$25,000) to the additional funding and in all costs that exceed the total estimated cost of \$775,000.

Division 13

Southeast Shortlines  
dba thermal Belt Railway (TBRY)  
Rutherford County  
8000.1.4.77

This Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds for rail improvements on Southeast Shortlines dba Thermal Belt Railway (TBRY) tracks, owned by Rutherford Railroad Development Corporation (RRDC). The project will provide 286K upgrades including replacement of crossties and switch ties, installation of relay rail, and track surfacing from MP 403.8 to MP 404.8. TBRY will be responsible for performing all the work. As a condition of the award of funds, RRDC, as owner of the tracks, and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness to secure a lien on the project assets for five (5) years. The Department will participate in the total cost of the project up to \$72,170.00. The cost of this project is \$144,340.00.

City of Asheville  
Buncombe County  
I-4700  
36030.3.GV4

This Project consists of improvements on I-26 from NC 280 (Exit 40) to I-40 at Asheville. The Department is responsible for the Project. At the request of the Municipality, the Department shall include the construction of pedestrian facilities within the Project limits. The Municipality shall reimburse the Department 40% of the actual costs of the pedestrian facilities. The estimated cost of the pedestrian facilities is \$30,000. The estimated cost to the Municipality is \$12,000.

FHWA – Eastern Federal Lands  
Highway Division (EFLHD)  
Buncombe County  
I-4700B  
36030.1.FS3

This Memorandum of Agreement is for the I-4700B Blue Ridge Parkway Bridge replacement over I-26 in Buncombe County. This Third Amendment modifies the scope of services to include additional deliverables for pre-construction and construction activities. The Department's maximum participation in the project is \$1,800,000.



NCDOT June 27, 2019 Board of Transportation Agenda

SUMMARY: There are a total of 24 agreements for informational purposes only

Division 2

NC Wildlife Resources  
Commission  
Carteret County  
36249.4028

This Project consists of dredging up to 500 cubic yards of material from the Cedar Island Wildlife Resources ramp located adjacent to the Ferry Terminal at Cedar Island. The Ferry Division will perform the work. The Agency shall reimburse the Department 100% of the costs. The estimated reimbursement is \$25,000.

Division 3

Town of Wrightsville Beach  
New Hanover County  
36249.4029

This Project consists of signal plan and equipment modifications at US 74 (Salisbury Street) and US 74/ SR 1452 (Lumina Avenue), [SIN: 03-0054] in Wrightsville Beach. 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 \$5,000.

FDC Amberleigh Shores II SPE,  
LLC  
New Hanover County  
36249.4031

This Project consists of signal plan and equipment modifications at US 117 (Market Street) and SR 2734 (Marsh Oaks 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 \$5,000.

Quality Oil Company  
Pender County  
36249.4030

This Project consists of signal plan and modifications at NC 50/210 (Roland Avenue) and the Food Lion driveway, [SIN: 03-1092] and signal coordination work by the Department along NC 50/210 related to the GoGas 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 \$20,000.

NC Shallotte Smith, LLC  
Brunswick County  
36249.4012

This Project consists of signal review and inspection of overhead signage and structure for signal installation at SR 1357 (Smith Avenue) and SR 1349 (White Street)/Site Access 1 and signal modifications at US 17 Business (Main Street) and SR 1357 (Smith Avenue), [SIN: 03-0415]; and signal coordination work by the Department along SR 1357 (Smith Avenue) and US 17 Business (Main Street) related to the 131 Smith Avenue Development. This Supplemental Agreement is for a correction to the original project scope with no change in funding.

## NCDOT June 27, 2019 Board of Transportation Agenda

### Division 3, cont.

Barfield Properties, LLC  
Onslow County  
36249.3975

This Project consists of signal design, modification and installation at NC 24 (Corbett Avenue) and SR 1511 (Hammocks Beach Road), [SIN: 03-1011], related to Moore's BBQ Development. The Department will perform the work. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$4,950.

### Division 4

Wilson CFA, LLC  
Wilson County  
W-5601DQ  
50138.3.122

This Project consists of roadway improvements associated with the proposed Chick-fil-A on SR 1001 (Lamm Road). The Department will perform the work. The Developer shall reimburse the Department a fixed cost for the work in the amount of \$80,511.39.

### Division 5

Lee Properties Group  
Wake County  
36249.4024

This Project consists of upgrades to the traffic signal at the intersection of Hopson Road and Keystone Park 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 \$5,000.

RP PR Develop, LLC  
Durham County  
36249.4023

This Project consists of upgrades to the traffic signal at the Page Road and Chin Page Road intersection and the installation of a new signal at the Page Road and Airport Road intersection. 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.

Town of Rolesville  
Wake County  
36249.4025

This Project consists of corridor improvements to S. Main Street (US 401 Bus) in Rolesville. The Municipality has requested the Department provide review and oversight of the project plans and design. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000.

UNC REX Healthcare  
Wake County  
36249.4019

This Project consists of modifications to existing traffic signals at Blue Ridge Road intersections in Raleigh. The developer will be responsible for all costs associated with the signals. 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.

## NCDOT June 27, 2019 Board of Transportation Agenda

### Division 7

Town of Chapel Hill  
Orange County  
N/A

This Project consists of the traffic signal upgrade for US 15-501 (Fordham Blvd) at Elliott Road in Chapel Hill. Signal revision work includes adding a fourth leg to the existing three leg intersection with the extension of Elliott Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. There is no funding or reimbursement for this Project.

UNC Chapel Hill  
Orange County  
36249.4027

This Project consists of the traffic signal upgrade at SR 1902 (Manning Drive) and West Drive on the UNC Chapel Hill campus and roadway improvements on West 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 \$5,000.

ZDC NO. 331, LLC  
Alamance County  
36249.4018

This Project consists of traffic signal upgrades for the intersection improvements at SR 1165 (Bonner Bridge Parkway) and SR 1226 (University Drive) in Burlington. 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 9

Food Lion, LLC  
Rowan County  
36249.4026

This Project consists of the signal upgrade on US 29 at SR 1673 (Main Street) to add an additional roadway connection and install pedestrian signals. 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

MPV Properties  
Mecklenburg County  
36249.4020

This Project consists of the modification of a traffic signal located at NC Highway 24/27 and SR 2810 (Rocky River Church 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 \$6,000.

## NCDOT June 27, 2019 Board of Transportation Agenda

### Division 10, cont.

Mecklenburg County  
2020CPT.10.01.20601

This Project consists of resurfacing improvements on Tatting Road, Bards Court and Carding Place in the Hearthstone Subdivision in Mecklenburg County. The Department will perform the work. The County shall participate in the costs of the project in the amount of \$38,398.62.

Hope Community Church of  
Metrolina  
Mecklenburg County  
2020CPT.10.01.20601

This Project consist of resurfacing improvements on Bedford Road from SR 1625 (Sam Wilson Road) to SR 1627 (Laine Road) in Mecklenburg County. The Department will perform the work. The Church shall reimburse the Department 100% for the work. The estimated reimbursement is \$81,232.

City of Charlotte  
Mecklenburg County  
C-5533  
45506.1.1  
45506.2.2  
45506.3.2

This Project consists of construction of a roundabout at Shopton and Beam Roads. This Supplemental Agreement extends the completion date of the Project. The Municipality shall complete the project by April 30, 2020 in lieu of June 11, 2019.

City of Charlotte  
Mecklenburg County  
10.2060SM

This Projects consists of municipal operations of traffic signals at certain intersections on State Highway System Streets within the Municipality (Traffic Schedule C). This Supplemental Agreement extends the renewal period of the agreement through June 30, 2020.

City of Charlotte  
Mecklenburg County  
10.2060SM

This Projects consists of municipal operations of computer, communications, equipment and system operations for computerized traffic signal systems on State Highway System Streets within the Municipality (Traffic Schedule D). This Supplemental Agreement extends the renewal period of the agreement through June 30, 2020.

### Division 13

City of Asheville  
Buncombe County  
36249.4021

This Project consists of the addition of pedestrian phasing at three signalized intersections in Asheville: NC 280 (Airport Road) at US 25 (Hendersonville Road); NC 280 (Airport Road) at Old Shoals Road and NC 280 (Airport Road) at the Walmart Supercenter Driveway. 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 \$15,000.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 13, cont.

Q2 Group, LLC  
Buncombe County  
36249.4022

This Project consists of the addition of pedestrian signalization across the northern leg and western leg of the intersection of US 25 (Hendersonville Road) and Glenn Bridge 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 \$3,500.

Division 14

Polk County  
14SP.20751.3

This Project consists of providing flagging operations for the World Equestrian Games in Polk County. The County will reimburse the Department in the amount of \$134,491.71 for the work. This agenda item supersedes the item that was approved by the BOT on January 10, 2019.

# NCDOT July 2019 Board of Transportation Agenda

## Approval of Municipal Street System Changes

### Deletions from the State Highway System

Div	County	Municipality	Road	Termini	Length
8	Randolph	City of Trinity	SR 1598; Siler Street	To delete .098 miles of SR 1598 (Siler Street) in Randolph County	0.098
<b>File Name:</b> Randolph_2019_07_M001					
14	Henderson	Town of Fletcher	SR 1471; Oakbrook Road	To delete Oakbrook Road	0.233
<b>File Name:</b> Henderson_2019_07_M001					
14	Henderson	Town of Fletcher	SR 2000; Belmont Drive	To delete Belmont Drive	0.145
<b>File Name:</b> Henderson_2019_07_M001					
14	Henderson	Town of Fletcher	SR 2034; Higgins Road	To delete Higgins Road	0.200
<b>File Name:</b> Henderson_2019_07_M001					
14	Henderson	Town of Fletcher	SR 2035; North Westview Court	To delete North Westview Court	0.060
<b>File Name:</b> Henderson_2019_07_M001					
14	Henderson	Town of Fletcher	SR 2036; East Sunrise Court	To delete East Sunrise Court	0.050
<b>File Name:</b> Henderson_2019_07_M001					

**Total Miles = 0.786**

## **NCDOT July 2019 Board of Transportation Agenda**

<b><u>No.</u></b>		<b><u>Enacted Page No.</u></b>
<b>1</b>	<b>Preliminary Right of Way Plans</b>	<b>R-1 – R-3</b>
<b>2</b>	<b>Final Right of Way Plans</b>	<b>R-4</b>
<b>3</b>	<b>Revisions of Final Right of Way Plans</b>	<b>R-5</b>
<b>4</b>	<b>Approval of Conveyance of Highway Right of Way Residues</b>	<b>R-6</b>
<b>5</b>	<b>Approval of Permanent Sewer Easement</b>	<b>R-7</b>
<b>6</b>	<b>Approval of Assignment of Permanent Easements</b>	<b>R-8</b>
<b>7</b>	<b>Approval of Conveyance of Surplus Right of Way</b>	<b>R-9</b>
<b>8</b>	<b>Advance Acquisition of Highway Right of Way</b>	<b>R-10 – R-13</b>

## **NCDOT July 2019 Board of Transportation Agenda**

### **Preliminary Right of Way Plans**

The Preliminary Right of Way Plans for the below projects, including Secondary Roads and Industrial Access Roads, provide for the construction, design, drainage and control of access as shown on the respective plans.

Based upon the recommendations of the Manager of the Right of Way Unit, the Board finds that such rights of way as shown on these preliminary plans and drawings, including existing public dedicated right of way, are for a public use and are necessary for the construction of said projects.

The rights of way for the location, construction, relocation, and control of access of highways embraced in the below projects shall be as shown in detail on the preliminary right of ways plans and drawings for said projects on file in the Right of Way Branch in the Department of Transportation in Raleigh.

The Board finds such right of way acquisition to be necessary and hereby authorizes the Right of Way Branch to acquire right of way on the below projects either by negotiation or by condemnation through the Attorney General's Office.

#### **(Division 2)**

**Pitt County; I.D. No. B-5612; Project No. 45567.2.1:**  
Bridge No. 24 over the Tar River on NC 222

#### **(Division 3)**

**Duplin County; I.D. No. B-5534; Project No. 55034.2.1:**  
Bridge No. 82 over Burnt Coat Creek on NC 111

**Pender County; I.D. No. B-5653; Project No. 45608.2.1:**  
Bridge No. 14 over Turkey Creek on NC 133

**Brunswick County; I.D. No. U-5788; Project No. 44360.2.1:**  
US 17 Business (Main Street) at Wall Street/Shallote Avenue

#### **(Division 4)**

**Wilson County; I.D. No. B-6000; Project No. 48195.2.1:**  
Bridge No. 96 over Tributary of Town Creek on SR 1400 (Rock Quarry Road) (Utilities)

**Edgecombe County; I.D. No. B-4933; Project No. 40136.2.1:**  
Bridge No. 80 and Bridge No. 49 overflow over the Tar River on NC 33



## **NCDOT July 2019 Board of Transportation Agenda**

### **Preliminary Right of Way Plans (continued)**

#### **(Division 4) (continued)**

**Halifax County; I.D. No. B-5662; Project No. 45617.2.1:**  
Bridge No. 93 over Conoconnara Swamp on NC 581

**Nash County; I.D. No. B-5670; Project No. 45625.2.1:**  
Bridge No. 29 over the Tar River on US 64 Alternate

#### **(Division 7)**

**Guilford County; I.D. No. U-5841; Project No. 50232.2.1:**  
Friendly Avenue from West of Green Valley Road to Lindell Road in Greensboro

**Guilford County; I.D. No. U-6019; Project No. 47164.2.1:**  
SR 2334 (Air Harbor Road) at SR 2347 (Lake Brandt Road)

#### **(Division 8)**

**Randolph County; I.D. No. U-5308; Project No. 47028.2.2:**  
SR 1547 (Finch Farm Road) from South of SR 3106 (Kennedy Road) to I-85

**Randolph County; I.D. No. U-5743; Project No. 50165.2.1:**  
NC 42 / SR 2164 (Dublin Square Road) from SR 2237 (East Salisbury Street) to North of  
US 64 / NC 49 (Dixie Drive) in Asheboro (Utilities authorized under 50165.2.2)

#### **(Division 9)**

**Forsyth County; I.D. No. U-5617; Project No. 47082.2.1:**  
SR 1173 (Williams Street) West/East of bridge over US 421; East of bridge to West of  
roundabout at SR 1001 (Shallowford Road)

#### **(Division 10)**

**Cabarrus County; I.D. No. B-5813; Project No. 45767.2.1:**  
Bridge No. 132 over Dutch Buffalo Creek on NC 73

#### **(Division 11)**

**Wilkes County; I.D. No. R-5759; Project No. 44691.2.1:**  
NC 115 from US 421 to 2<sup>nd</sup> Street

**Caldwell County; I.D. No. U-6033; Project No. 46967.2.1:**  
US 64 (NC 18) and SR 1142 (Callico Road)

**Caldwell County; I.D. No. U-6035; Project No. 46970.2.1:**  
SR 1002 (Dudley Shoals Road) and SR 1751 (Grace Chapel Road / Campground Road)  
/ SR 1752 (Peach Orchard Road)

**Caldwell County; I.D. No. U-6036; Project No. 46971.2.1:**  
SR 1109 (Pinewood Road) from US 321 to SR 1931 (Bert Huffman Road)

#### **(Division 12)**

**Catawba County; I.D. No. U-5777; Project No. 50189.2.1:**  
NC 127 from 1<sup>st</sup> Avenue Southeast to 2<sup>nd</sup> Avenue Southeast

## **NCDOT July 2019 Board of Transportation Agenda**

### **Preliminary Right of Way Plans (continued)**

#### **(Division 12) (continued)**

**Iredell County; I.D. No. R-5100B; Project No. 41890.2.4:**

SR 1109 (Williamson Road) from SR 1100 (Brawley School Road) to NC 150 (Utilities authorized under 41890.2.5)

**Iredell County; I.D. No. U-5780; Project No. 50191.2.1:**

NC 150 and SR 2399 (Wiggins Road) intersection

**Iredell County; I.D. No. U-5799; Project No. 44371.2.1:**

US 21 from SR 1933 to Fort Dobbs Road

#### **(Division 13)**

**Mitchell County; I.D. No. B-5893; Project No. 48086.2.1:**

Bridge No. 19 over Cub Creek on NC 226

#### **(Division 14)**

**Cherokee County; I.D. No. R-5861; Project No. 47427.2.1:**

US 19 / 129 Cherokee County from Georgia State Line to US 64

**Henderson County; I.D. No. U-5887; Project No. 44634.2.1:**

SR 1783 (Highland Lake Road) from NC 225 to US 176

## **NCDOT July 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 1)**

##### **Project No. 34472.2.4; Northampton County; I.D. No. R-2582A:**

Drainage, grading, paving and structures on US 158/NC 46 from I-95/NC 46 in Roanoke Rapids to SR 1312 (St. John Church Road) in Northampton County with the right of way indicated upon the final plans for said project.

#### **(Division 2)**

##### **Project No. 34360.2.4; Craven County; I.D. No. R-1015:**

Culvert, drainage, grading, paving, signals, structure, widening and signing on US 70 (Havelock Bypass) from North of Pine Grove to North of Carteret County Line with the right of way indicated upon the final plans for said project.

##### **Project No. 38422.2.1; Pamlico County; I.D. No. B-4593:**

Drainage, grading, paving and structure on Bridge No. 38 over the Trent Creek on NC 55 with the right of way indicated upon the final plans for said project.

#### **(Division 13)**

##### **Project No. 36030.2.7; Buncombe County; I.D. No. I-4700:**

Drainage, grading, paving, signals and structures on I-26 from NC 280 (Exit 40) to I-40 at Asheville with the right of way indicated upon the final plans for said project.

## **NCDOT July 2019 Board of Transportation Agenda**

### **Revisions of the Final Right of Way Plans**

Right of way acquisition in accordance with the final right of way plans for the following projects has been determined to be necessary and authorized by the Board. Plans are on file at the Office of the Secretary to the Board of Transportation as an addendum to the minutes of the meetings hereinafter indicated.

Certain changes in right of way, construction and drainage easements, and control of access have been necessitated by alterations in the construction plans of these projects. Amended plan sheets for these projects have been prepared which provide for changes of certain right of way areas, construction and drainage easements and control of access.

The Board finds that the revised areas of right of way, construction and drainage easements and control of access, as shown on the amended plan sheets hereinafter set out, are for a public purpose and are necessary for the construction of projects.

The right of way, construction and drainage easements and control of access are hereby revised as shown on the plan sheets incorporated herein as an addendum, said projects, date of original final approval, and revised right of way, easements and access being as follows:

#### **(Division 7)**

##### **Project No. 34821.2.4; I.D. No. U-2525C; Guilford County:**

Final Right of Way plans approved on the minutes of the March 8, 2018 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 15, 16 & 18 as presented at the June 27, 2019 Board of Transportation Meeting.

## **NCDOT July 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 1)**

##### **Project 6.099005T, Parcel R-2112A 026, US 64 in Robersonville**

##### **Martin County**

Conveyance of an approximate 1.87-acre residual tract to Keel Brothers Farms, the only interested adjacent owner, for the amount of \$700.00.

#### **(Division 2)**

##### **Project 34528.2.2, Parcels R-3307 127, US 70 from existing 4 lanes at Radio Island to US 70**

##### **Carteret County**

Conveyance of an approximate 0.374-acre residual tract to Robert Earl Melton, as part of the settlement of his Highway Damage claim with the Department for no monetary amount.

#### **(Division 11)**

##### **Project 37044.2.1, Parcel R-3101 073, US 21 from SR 1100 (Oklahoma Road) to SR 1121 (Pine Swamp Road)**

##### **Alleghany County**

Conveyance of an approximate 0.954-acre residual tract to Ralph E. Carter, III and Sandra McKnight Carter, the highest bidders after public advertisement, for the bid sum of \$4,775.00.

## **NCDOT July 2019 Board of Transportation Agenda**

### **Approval of Permanent Sewer Easement**

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 3)**

##### **Project 34491.2.3 (R-2633B), Parcel 039, US 17 (Wilmington Bypass)**

##### **Brunswick County**

The Department acquired a residual tract from Lincoln Development Company, Inc. A North Carolina Corporation. Brunswick County has requested the Department to allow it to place a 16 inch PVC Force Main on the aforementioned residual tract. The Department has determined the placement of the 16 inch PVC Force Main would cause no damage to the residual tract. This is to request authority for the Manager of Right of Way Unit to execute the appropriate instrument.

## **NCDOT July 2019 Board of Transportation Agenda**

### **Approval of Assignment of Permanent Easements**

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 10)**

##### **Project 42376.2.1 (U-5114), Parcel 017, US 21 (Statesville Road) and SR 2136 (Gilead Road) Intersection Improvements Mecklenburg County**

The Department acquired Permanent Easements for the construction of the improvement of the intersection of US 21 (Statesville Road) and SR 2136 (Gilead Road). The Department agreed to the assignment of an approximate 0.116 acre area of Permanent Easement to Duke Energy Carolinas due to the acquisition of Dukes current utility line and prior rights. Duke Energy Carolinas has agreed to the assignment for no monetary consideration.

## **NCDOT July 2019 Board of Transportation Agenda**

### **Approval of Conveyance of Surplus Highway Right of Way (Correction)**

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:

**These items are a correction to the items submitted on June 6, 2019 R-6 page.**

#### **(Division 10)**

**Project 36780.2.FS2, Parcels I-3802A 163 & 235, US 29 (Concord Parkway North) near the new alignment Kannapolis Highway in Concord  
Cabarrus County**

Disposal of approximately 0.04 acre surplus right of way to Sunset Southstar, LLC for no consideration.

#### **(Division 14)**

**Project 8.3064101, Parcel 174, US 64/74/129 near SR 1613 (Butler Mountain Road)  
Cherokee County**

Disposal of approximately 0.244 acre of surplus right of way to Circle V, LLC for no consideration

**Project 8.3064103, Parcel 019 & 020, US 64 near its intersection with SR 1440 (Burnette Road) and SR 1168 (Industrial Park Road) in Franklin  
Macon County**

Disposal of approximately 1.052 acre of surplus right of way to Dennis N. Stamey for the appraised value of \$20,250.00



## **NCDOT July 2019 Board of Transportation Agenda**

### **Advance Acquisition of Highway Right of Way**

Upon recommendation of the Manager of the Right of Way Unit, 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 2**

**Barbara Hill  
I. D. No. U-5713 Parcel 600  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**Getty NC Leasing Inc  
I. D. No. U-5713 Parcel 601  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**Hilbert Crossing Plaza LLC  
I. D. No. U-5713 Parcel 602  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**WH Capital LLC  
I. D. No. U-5713 Parcel 603  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**FSI Properties LLC  
I. D. No. U-5713 Parcel 604  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**FSI Properties LLC  
I. D. No. U-5713 Parcel 605  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

## **NCDOT July 2019 Board of Transportation Agenda**

### **Advance Acquisition of Highway Right of Way (continued)**

#### **Division 2 (continued)**

**Morris Family Ventures LLC  
I. D. No. U-5713 Parcel 606  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**Morris Family Ventures LLC  
I. D. No. U-5713 Parcel 607  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**So Easy, LLC  
I. D. No. U-5713 Parcel 608  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**Craig M and Craig Goess  
I. D. No. U-5713 Parcel 609  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**Bryan Wood  
I. D. No. U-5713 Parcel 610  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**Bryan Wood  
I. D. No. U-5713 Parcel 611  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**L & R Investment Properties, LLC  
I. D. No. U-5713 Parcel 612  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**L & R Investment Properties, LLC  
I. D. No. U-5713 Parcel 613  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**J & H Investments of New Bern LLC  
I. D. No. U-5713 Parcel 614  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

## **NCDOT July 2019 Board of Transportation Agenda**

### **Advance Acquisition of Highway Right of Way (continued)**

#### **Division 2 (continued)**

**Brices Creek Bible Church  
I. D. No. R-5777AB Parcel 615  
WBS 44648.1.2, F. A. Project N/A,  
County of Carteret**

**Brices Creek Bible Church  
I. D. No. R-5777AB Parcel 616  
WBS 44648.1.2, F. A. Project N/A,  
County of Carteret**

**JK Williams Properties LLC  
I. D. No. R-5777AB Parcel 617  
WBS 44648.1.2, F. A. Project N/A,  
County of Carteret**

**971 Associates LLC  
I. D. No. R-5777AB Parcel 618  
WBS 44648.1.2, F. A. Project N/A,  
County of Carteret**

**Alcoke Holdings LLC  
I. D. No. R-5777AB Parcel 619  
WBS 44648.1.2, F. A. Project N/A,  
County of Carteret**

**Earl and Mitzi Temple  
I. D. No. R-5777AB Parcel 620  
WBS 44648.1.2, F. A. Project N/A,  
County of Carteret**

**N&B Co. LLC  
I. D. No. U-5713 Parcel 621  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

**Dixie Chemical Co., Inc.  
I. D. No. R-5777AB Parcel 699  
WBS 50111.1.1, F. A. Project N/A,  
County of Carteret**

## **NCDOT July 2019 Board of Transportation Agenda**

### **Advance Acquisition of Highway Right of Way (continued)**

#### **Division 5**

**Q3, LLC (Quate Industrial Services)  
(American Tower, Tenant)  
I.D. No. U-5518 Parcel 904  
WBS 43612.2.3 F. A. Project N/A,  
County of Durham**

**Gary and Joyce Smith  
I.D. No. R-2829 Parcel 907  
WBS 35517 F. A. Project N/A,  
County of Wake**

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

There will be no Maintenance Allocation submitted to the Board for approval at the July 2019 Board meeting.

There are no Comprehensive Transportation Plans to be presented for approval at the June 27, 2019 Board of Transportation Meeting.

## NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the June 27, 2019, Board meeting.

## **Committee Reports**

**Road Naming Committee** -- Committee Chair Fox provided a summary of the committee's meeting topics, Review of Submitted Applications, Dr. Andrew A Best Bridge, Dr. Leo W Jenkins Highway, William M Sue Bride, Senator James Speed Highway, Lt. George H Yarborough Highway, Ray Kelly Highway, Corporal Henry F Warner Bridge and Officer Mark A Swaney Bridge.

**Workforce Committee** – Committee Chair Fox provided a summary of the committee's meeting topics, which included the DMV workforce study update and recruitment and retention update by Chief Operating Officer Bobby Lewis.

**Economic Development and Intergovernmental Relations (EDIR) Committee** – Committee Member Overholt provided a summary of the committee's meeting topics. Eddie McFalls, Strategic Initiatives Consultant for the NCDOT Rail Division gave a presentation on Rail Network Improvements Supporting North Carolina's Economy. Also, Brian Clark, Chief Operating Officer for the NC Ports, delivered a presentation on the North Carolina Ports.

**FAST Committee** – Committee Chair Lathrop provided a summary of the committee's meeting topics and Cash Balance Update. Mike Cline, Ph.D. gave a presentation titled Population Trends in North Carolina and Implications for Transportation.

**Highway Committee** – Committee Chair Tarleton provided a summary of the committee's meeting topics; Dr. Joe Hummer presented a presentation on the implementation of dynamic left turn intersections. Also, Mr. Robin Barfield, Director of Safety and Risk Management, provided a presentation on NCDOT's Safety Programs.


**Multi-Modal Committee** – Committee Chair Perkins provided a summary of the committee's meeting topics, which included updates from the Department's Rail, Ferry, Aviation, Public Transit Division, Bicycle and Pedestrian units.



Chairman Fox reminded members of the Board that the next meeting of the Board will be August 7, and 8, 2019 in Raleigh, NC.

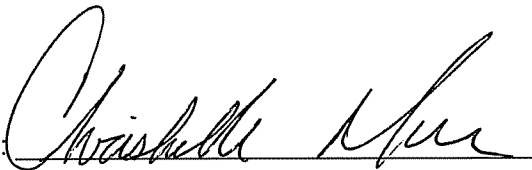
Adjournment

There being no further business of the Board, Chairman Fox accepted a motion from Board Member Moran, seconded by Board Member Debnam to adjourn the meeting at 9:53 am.



Chairman Fox

North Carolina Board of Transportation

Attest: 

Secretary to the Board of Transportation

Dated this day 26 July 2019.

## RESOLUTION FOR HAROLD LEE FRANK

**WHEREAS**, the Davie County Board of Commissioners would like to recognize and honor the distinguished service and accomplishments of Harold Lee Frank; and

**WHEREAS**, Frank has given unselfishly of his time and had worked diligently to advance the well-being of his community and country; and

**WHEREAS**, Frank has garnered many accolades during his long history of private life and military service; and

**WHEREAS**, Frank is the last living WWII prisoner of war residing in Davie County following his capture and nine months imprisonment in a German prisoner-of-war camp; and

**WHEREAS**, Frank has been awarded a Purple Heart, Bronze Star, Legion of Merit and has been named a knight in the National Order of the Legion of Honor by the president of the French Republic; and

**WHEREAS**, Frank has given tirelessly to his local community by assisting in the founding of the Cornatzer-Dulin Volunteer Fire Department in 1955 and serving as its Chief on multiple occasions; and

**WHEREAS**, Frank was instrumental in the construction of the Cornatzer United Methodist church where he attended for more than 70 years and served in numerous leadership roles; and

**WHEREAS**, Frank was presented the Order of the Long Leaf Pine by Representative Julia Howard for his service to the State of North Carolina; and

**WHEREAS**, the Davie County Board of Commissioners unanimously request that the North Carolina Department of Transportation consider naming a portion of U.S. 64 East through Davie County to honor Harold Lee Frank.

### **NOW, THEREFORE, BE IT RESOLVED:**

That the North Carolina Board of Transportation names a portion of U.S. 64 from N.C. 801 to Yadkin River Bridge in Davie County as the *Harold Lee Frank Highway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 27<sup>th</sup> day of June 2019 by the North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation

# Prioritization 6.0

## Scoring Criteria, Weights, and Normalization for All Modes (with Criteria Definitions)

*Recommended by the P6.0 Workgroup to the Board of Transportation on June 6, 2019*

The purpose of this document is to outline the criteria, weights, and scoring process recommendations resulting from the P6.0 Workgroup in accordance with the Strategic Transportation Investments law. The goal is the understanding of each mode's scoring within the overall Prioritization process, in order to achieve approval by the Board of Transportation.

Each mode is displayed with criteria and associated weights for the **Statewide Mobility**, **Regional Impact**, and **Division Needs** categories. Following the criteria and weights is a list of definitions for each criteria, specific to each mode.

Below is an example of how criteria (in any mode) are weighted to calculate a quantitative score, and how that score later combines with the Local Input to create a project's total score.

Quantitative Score vs. Local Input				
Funding Category	<u>QUANTITATIVE</u>		<u>LOCAL INPUT</u>	
	Data		Division	MPO/RPO
Statewide Mobility	Criteria 1 = 30%	100%	--	--
	Criteria 2 = 25%			
	Criteria 3 = 15%			
	Criteria 4 = 10%			
	Criteria 5 = 15%			
	Criteria 6 = 5%			
Regional Impact	Criteria 1 = 20%	70%	15%	15%
	Criteria 2 = 20%			
	Criteria 3 = 10%			
	Criteria 4 = 10%			
	Criteria 5 = 10%			
Division Needs	Criteria 1 = 15%	50%	25%	25%
	Criteria 2 = 15%			
	Criteria 3 = 10%			
	Criteria 4 = 5%			
	Criteria 5 = 5%			

## Highway Criteria & Weights

Mobility Projects (Roadway Widening, Intersection/Interchange Improvements, Access Management):

Statewide Mobility		Regional Impact		Division Needs	
30%	Congestion	20%	Benefit-Cost	15%	Benefit-Cost
25%	Benefit-Cost	20%	Congestion	15%	Congestion
25%	Freight	10%	Accessibility/Connectivity	10%	Safety
10%	Economic Competitiveness	10%	Freight	5%	Accessibility/Connectivity
10%	Safety	10%	Safety	5%	Freight

Modernization Projects (Modernize Roadway, Upgrade Freeway to Interstate):

Statewide Mobility		Regional Impact		Division Needs	
25%	Freight	25%	Safety	20%	Safety
25%	Safety	10%	Freight	10%	Pavement Condition
20%	Paved Shoulder Width	10%	Lane Width	10%	Paved Shoulder Width
10%	Congestion	10%	Pavement Condition	5%	Freight
10%	Lane Width	10%	Paved Shoulder Width	5%	Lane Width
10%	Pavement Condition	5%	Congestion		

**Congestion:** Measurement of the traffic volume (accounting for seasonal traffic) on the roadway compared to the existing capacity of the roadway, weighted by the traffic volume (accounting for seasonal traffic) along the roadway.

**Benefit/Cost:** Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost.

**Freight:** Measurement of truck volume and truck percentage of total traffic on the roadway, and the degree the project is helping to complete a future interstate corridor (if applicable).

**Safety:** Measurement of the existing severity, frequency, and rate of crashes along the roadway and the safety benefits the project is expected to provide over 10 years.

**Economic Competitiveness:** Measurement of the estimated percent change in economic activity within the county and the percent change in the number of long term jobs that the project is expected to provide over 10 years.

**Accessibility/Connectivity:** Measurement of county economic distress indicators and the degree the project upgrades mobility of the roadway, with the goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network.

**Lane Width:** Measurement of lane width deficiencies compared to the NCDOT standard for each roadway facility type.

**Paved Shoulder Width:** Measurement of paved shoulder width deficiencies compared to the NCDOT standard for each roadway facility type.

**Pavement Condition:** Measurement of overall pavement condition using the NCDOT's pavement condition rating (PCR).

## Aviation Criteria & Weights

Statewide Mobility		Regional Impact		Division Needs	
40%	NCDOA Project Rating	30%	NCDOA Project Rating	25%	NCDOA Project Rating
30%	FAA ACIP Rating	15%	Benefit/Cost	10%	Benefit/Cost
20%	Benefit/Cost	15%	FAA ACIP Rating	10%	FAA ACIP Rating
10%	Constructability Index	10%	Constructability Index	5%	Constructability Index

**NCDOA Project Rating:** Scores projects based on project categories within the NC Airports System Plan, developed by the NCDOT Division of Aviation (DOA). Points are assigned based on priority and need of the project.

**FAA ACIP Rating:** Scores projects based on ratings within the Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP). Ratings are based on critical airport development and capital needs for the National Airspace System (NAS).

**Constructability Index:** Scores projects based on various measures of a project's readiness for construction.

**Benefit/Cost:** Measurement of a project's total economic contribution compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost.

## Bicycle/Pedestrian Criteria & Weights

Statewide Mobility	Regional Impact	Division Needs	
(not eligible)	(not eligible)	20%	Safety
		15%	Accessibility/Connectivity
		10%	Demand/Density
		5%	Cost Effectiveness

**Safety:** Measurement of the number of bicycle and pedestrian crashes, severity of the crashes, crash risk based on existing surroundings, and safety benefit the project is expected to provide.

**Accessibility/Connectivity:** Measurement of the quantity of destinations near the project, the quantity of connections to existing or planned bicycle/pedestrian facilities, and whether the project improves or connects to a designated bicycle route.

**Demand/Density:** Measurement of the population and employment density within a walkable or bikeable distance of the project.

**Cost Effectiveness:** Measurement of total Safety, Accessibility/Connectivity, and Demand/Density criteria scores compared to the cost of the project to NCDOT.

## **Ferry Criteria & Weights**

Statewide Mobility	Regional Impact		Division Needs	
(not eligible)	20%	Capacity/Congestion	15%	Asset Condition
	15%	Asset Condition	15%	Asset Efficiency
	15%	Asset Efficiency	10%	Accessibility/Connectivity
	10%	Accessibility/Connectivity	10%	Benefits
	10%	Benefits		

**Capacity/Congestion:** Measurement of the number of vehicles left behind at each departure compared to the total number of vehicles loaded and carried by the route.

**Asset Condition:** Measurement of the asset condition rating by the NCDOT Ferry Division.

**Asset Efficiency:** Measurement of the cost effectiveness of continued maintenance of the asset compared to replacement of the asset.

**Benefits:** Measurement of the monetized value of the number of hours saved by utilizing the ferry route instead of taking the shortest alternative roadway route.

**Accessibility/Connectivity:** Measurement of the number of jobs, services, and other points of interest near the project.

## **Public Transportation Criteria & Weights (Mobility Projects)**

Statewide Mobility	Regional Impact		Division Needs	
(not eligible)	25%	Cost Effectiveness	20%	Cost Effectiveness
	20%	Demand/Density	10%	Demand/Density
	15%	Impact	10%	Efficiency
	10%	Efficiency	10%	Impact

**Impact:** Measurement of the trips generated and relieved by the project in 10 years.

**Demand/Density:** Measurement of the total trips along the project route in 10 years compared to the service area population for the project route.

**Efficiency:** Measurement of the total trips along the project route in 10 years compared to the total revenue seat hours of the project route in 10 years.

**Cost Effectiveness:** Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project).

## **Public Transportation Criteria & Weights (Demand Response Projects)**

Statewide Mobility	Regional Impact		Division Needs	
(not eligible)	25%	Cost Effectiveness	15%	Cost Effectiveness
	20%	Demand/Density	15%	Demand/Density
	15%	Efficiency	10%	Efficiency
	10%	Impact	10%	Impact

**Impact:** Measurement of the trips generated by the project in 10 years.

**Demand/Density:** Measurement of the total operating hours of the system in 10 years compared to the service area population for the system.

**Efficiency:** Measurement of the number of vehicles in maximum service by the system compared to the total number of vehicles in the fleet (utilization ratio).

**Cost Effectiveness:** Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project).

## **Public Transportation Criteria & Weights (Facility Projects)**

Statewide Mobility	Regional Impact	Division Needs	
(not eligible)	(not eligible)	15%	Cost Effectiveness
		15%	Impact
		10%	Demand/Density
		10%	Efficiency

**Impact:** Measurement of the trips generated by the project in 10 years.

**Demand/Density:** Growth trend of ridership for the system over the previous 5 years.

**Efficiency:** Measurement of the total trips at the facility with the project in place (passenger facilities), the square footage per employee (administrative facilities), or the number of vehicles per bay (maintenance facilities).

**Cost Effectiveness:** Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project).

## Rail Criteria & Weights

Statewide Mobility		Regional Impact		Division Needs	
35%	Benefit-Cost	25%	Benefit-Cost	15%	System Opportunities
30%	Safety	15%	Safety	10%	Benefit-Cost
15%	System Opportunities	10%	Capacity and Diversion	10%	Capacity and Diversion
10%	Capacity and Diversion	10%	Economic Competitiveness	10%	Safety
10%	Economic Competitiveness	10%	System Opportunities	5%	Economic Competitiveness

**Benefit-Cost:** Measurement of monetized benefits compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost.

**Safety:** Measurement of crash potential at highway/rail crossings, based on the NCDOT Rail Division's Investigative Index.

**System Opportunities:** Measurement of the project's degree of access to industrial/commercial development or nearby points of interest, and the degree of interaction between Rail and other modes.

**Capacity and Diversion:** Measurement of train volume compared to track capacity, and the amount of freight and/or passenger volumes diverted off highways by the project.

**Economic Competitiveness:** Measurement of the estimated number of full time jobs created in 20 years.



## **Normalization in P6.0**

- **Statewide Mobility** (only) – No normalization, scores are stand-alone for comparison (Highway, Aviation, and Freight Rail eligible projects)
- **Regional Impact & Division Needs** – Allocate funds to Highway and Non-Highway modes based on minimum percentages (shown below)

Mode	Statewide Mobility	Regional Impact	Division Needs
Highway	No Normalization	90% minimum (Region competition)	90% minimum (Division competition)
Non-Highway		4% minimum (Statewide competition)	4% minimum (Division competition)
Flex (All Modes)		6% (Region competition)	6% (Division competition)

## **Committed Projects – Not subject to re-evaluation in P6.0**

- First Right-of-Way (ROW) OR Construction (CON) date in 2020-2025 based on Final 2020-2029 STIP (first 6 years of STIP)

## **Carryover Projects – Automatically carry over from P5.0 for evaluation in P6.0**

Project must meet at least one of the following criteria:

- Programmed in the Final 2020-2029 STIP, but not considered a Committed Project
- Sibling of a programmed project (where unfunded limits are included in a single NEPA/SEPA document)
- Project has a NEPA/SEPA document completed within the last 10 years (2009-2018) or the NEPA/SEPA document is actively being worked on (with scoping meeting completed by 12/31/2018)

## **Number of Project Submittals for Each Mode**

MPOs and RPOs:

- Base of 12 submittals, plus:
  - + One additional submittal for every 50,000 in population
  - + One additional submittal for every 500 centerline miles

NCDOT Divisions:

- 14 submittals each

All submittals must be coordinated with associated MPOs, RPOs, and Divisions.

## **Number of Local Input Points for Regional Impact and Division Needs Categories**

Number of Points per Area:

- Base of 1,000 points, plus:
  - + 100 additional points for every next 50,000 in population
- Maximum 2,500 points per area
- Same allocation of points for Regional Impact and Division Needs categories
- 100 point max per project per category
- Flex Policy (new in P6.0): up to 500 points (half of base allotment) can be transferred between Regional Impact and Division Needs within an organization



NORTH CAROLINA  
*Environmental Quality*

ROY COOPER  
*Governor*

MICHAEL S. REGAN  
*Secretary*

TIM BAUMGARTNER  
*Director*

June 17, 2019

### **Biennial Budget Approval for the North Carolina Division of Mitigation Services**

The Division of Mitigation Services (DMS), Department of Environmental Quality, performs offsite mitigation services for the North Carolina Department of Transportation (NCDOT). Each year, DMS provides the Board of Transportation (the Board) a biennial budget for approval based upon mitigation ordered to meet transportation improvement project timelines and objectives.

DMS presented the Biennial Budget for Fiscal Years 2019/2020 and 2020/2021 to the Board during its June 5, 2019 meeting. The budget includes funding for new and existing mitigation projects developed to support transportation initiatives as well as ensuring perpetual protection of these mitigation areas.

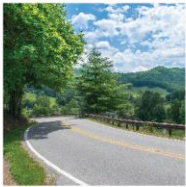
DMS is requesting the Board approve the proposed Biennial Budget for Fiscal Years 2019/2020 and 2020/2021 in the amount of \$96,406,203 during its June 26, 2019 meeting.





## **NORTH CAROLINA**

Department of Transportation



# Delivering our Federal Program

June 26, 2019

# Delivering our Federal Program

NC's Total Annual Federal Apportionment ~ \$1.1B

Various Federal Funding Pots				
National Highway Performance Program (NHPP)	Surface Transportation Block Grant (STBG)	Surface Transportation Block Grant – Direct Attributable (STBG-DA)	Highway Safety Improvement Program (HSIP)	Congestion Mitigation & Air Quality Improvement (CMAQ)
National Highway Freight Program (NHFP)	Planning & Research (PL & SPR)	Transportation Alternatives Program (TAP)	Transportation Alternatives Program - Direct Attributable (TAP-DA)	Rail-Highway Crossings

Three ways we can lose Federal Funds:

1. Lapsing Funds
2. Rescission
3. Not Taking Full Advantage of August Redistribution

# 1 – Lapsing Funds

# Preventing Funds from Lapsing

- Funds lapse if not obligated within 4 years
- \$4M in TAP funding lapsed in 2017
- NCDOT continues to utilize TAP funds on ADA curb ramps to help reduce unobligated balance
- We need Local Governments to deliver TAP projects as well to help reduce unobligated balances. This helps us:
  - Ensure funds do not lapse
  - Reduce funds subject to rescission
  - Maximize August Redistribution

## 2 – FAST Act Rescission – 2020



# FAST Act Rescission

## SEC. 1438. ADJUSTMENTS.

(a) IN GENERAL.—On July 1, 2020, of the unobligated balances of funds apportioned among the States under chapter 1 of title 23, United States Code, a total of \$7,569,000,000 is permanently rescinded.

Subject to Rescission	Not Subject to Rescission
NHPP	STBG & STBG-DA
NHFP	HSIP
PL	Rail Highway Xing
CMAQ	
TAP & TAP-DA	

# How Will This Affect NC?

- Rescission amount calculated based on remaining balances as of: September 30, 2019
- Funds rescinded: July 1, 2020
  - Will not affect project delivery
- Anticipate losing ~\$20M in the rescission
- Projected national unobligated CA balance < \$7.569B
  - All unobligated subject funds rescinded
  - Additional subject funds proportionally taken from 2020
- The more funds subject to rescission obligated before end of FFY19, the less we will lose in the rescission

# FFY 2019 Delivery Rates to Date

	Available Funds Start of FFY 19	Obligated & MPO Transfer	NCDOT Transfer	Unobligated Balance To Date
STBG-DA	\$225M	\$38.5M	N/A	\$186.5M
CMAQ*	\$76.9M	\$37.5M	\$25M	\$14.4M
TAP*	\$43.7	\$22.5M	\$7M	\$14.2M
TAP-DA*	\$21.4M	\$4.8M	N/A	\$16.6M

\*Funds subject to 2020 rescission

# CMAQ Delivery

- Local governments have struggled with delivering their CMAQ projects
- Over the past 3 years, DOT has transferred \$75M to eligible funding sources to use on other projects to ensure funds do not lapse or get rescinded
- Will continue to transfer funds in future years to avoid lapsing funds which could affect previously selected CMAQ projects

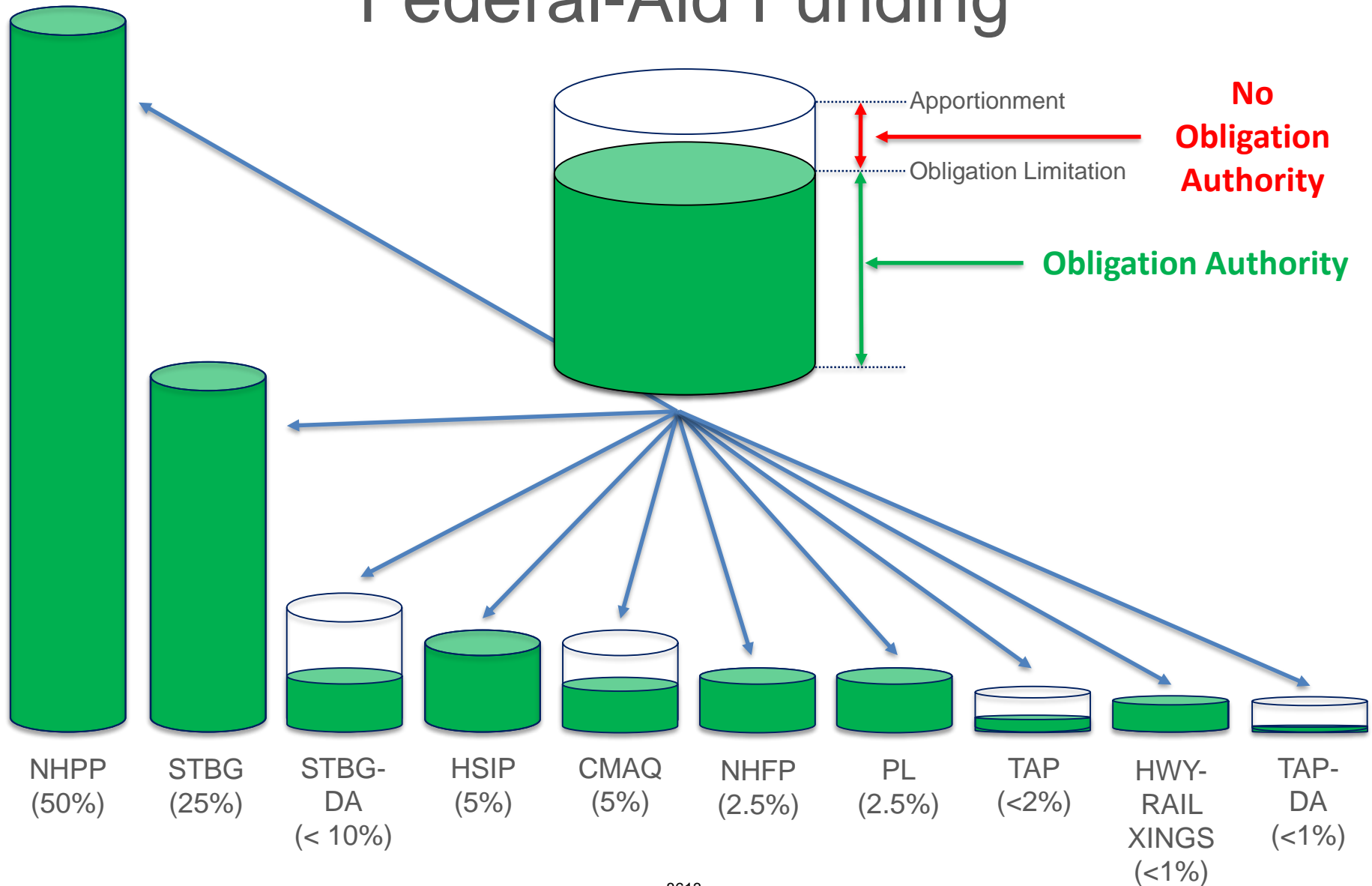
# We Have asked MPO's to Help Avoid Losing Funds By....

- Programming all DA and CMAQ
  - Earlier call for projects
  - Program multiple years
- Obligating funds
  - Funds need to not only be programmed, but **obligated**
- Utilizing less flexible funds first
  - Use TAP-DA when possible in place of STBG-DA
  - Use up to 50% of TAP funds for any STBG eligible purpose\*

\*New FAST Act provision. Must go through same TAP competitive process.

## 3 – August Redistribution

# Federal-Aid Funding



# August Redistribution

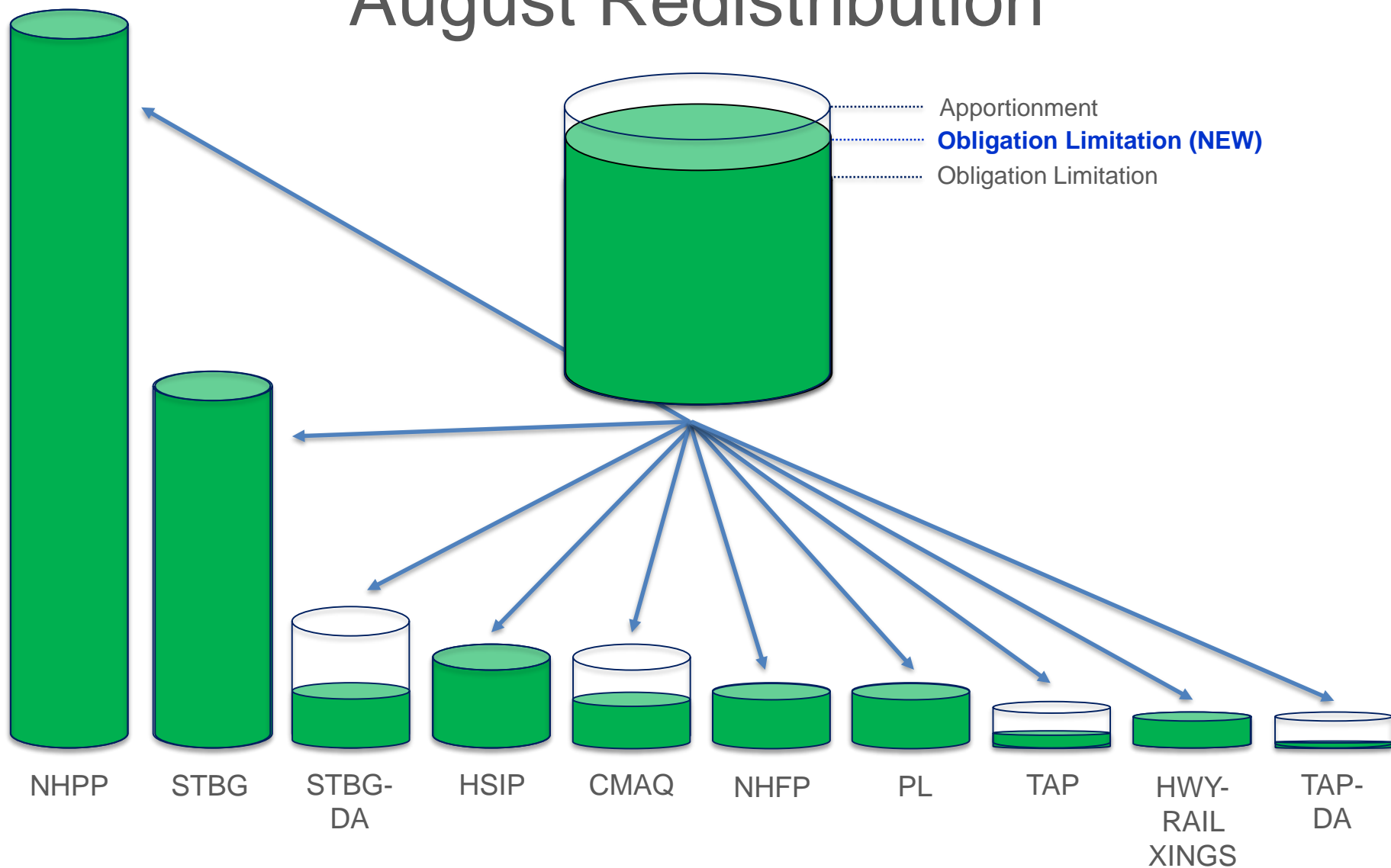
- FHWA redistributes unused Obligation Authority (OA) amongst the States
- Additional OA allows States to obligate additional funds

Requirements to receive August Redistribution:

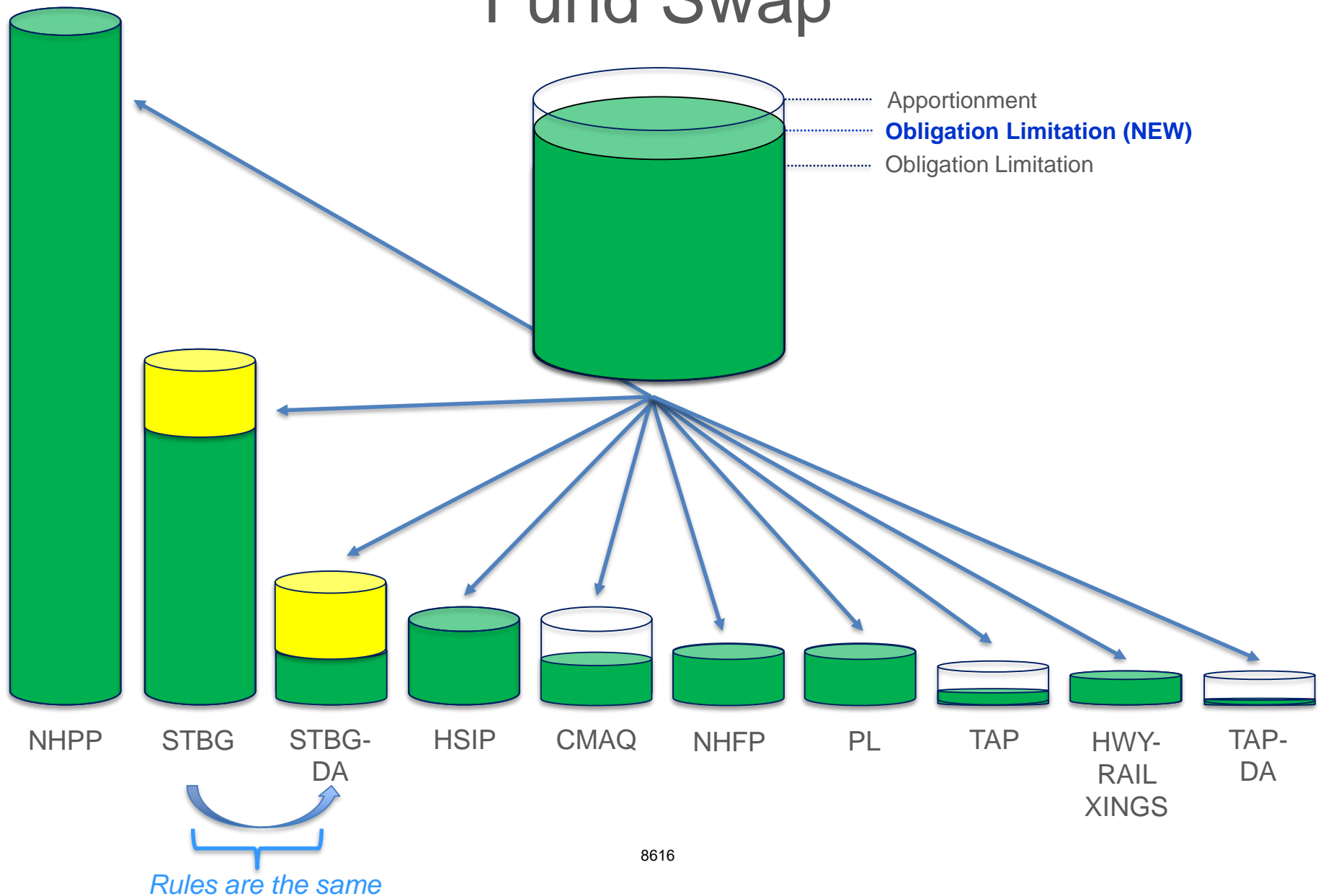
1. Utilize all existing OA
2. Have additional projects ready to authorize by September 30<sup>th</sup> of the same year
3. Have apportionment in respective fund category for each project



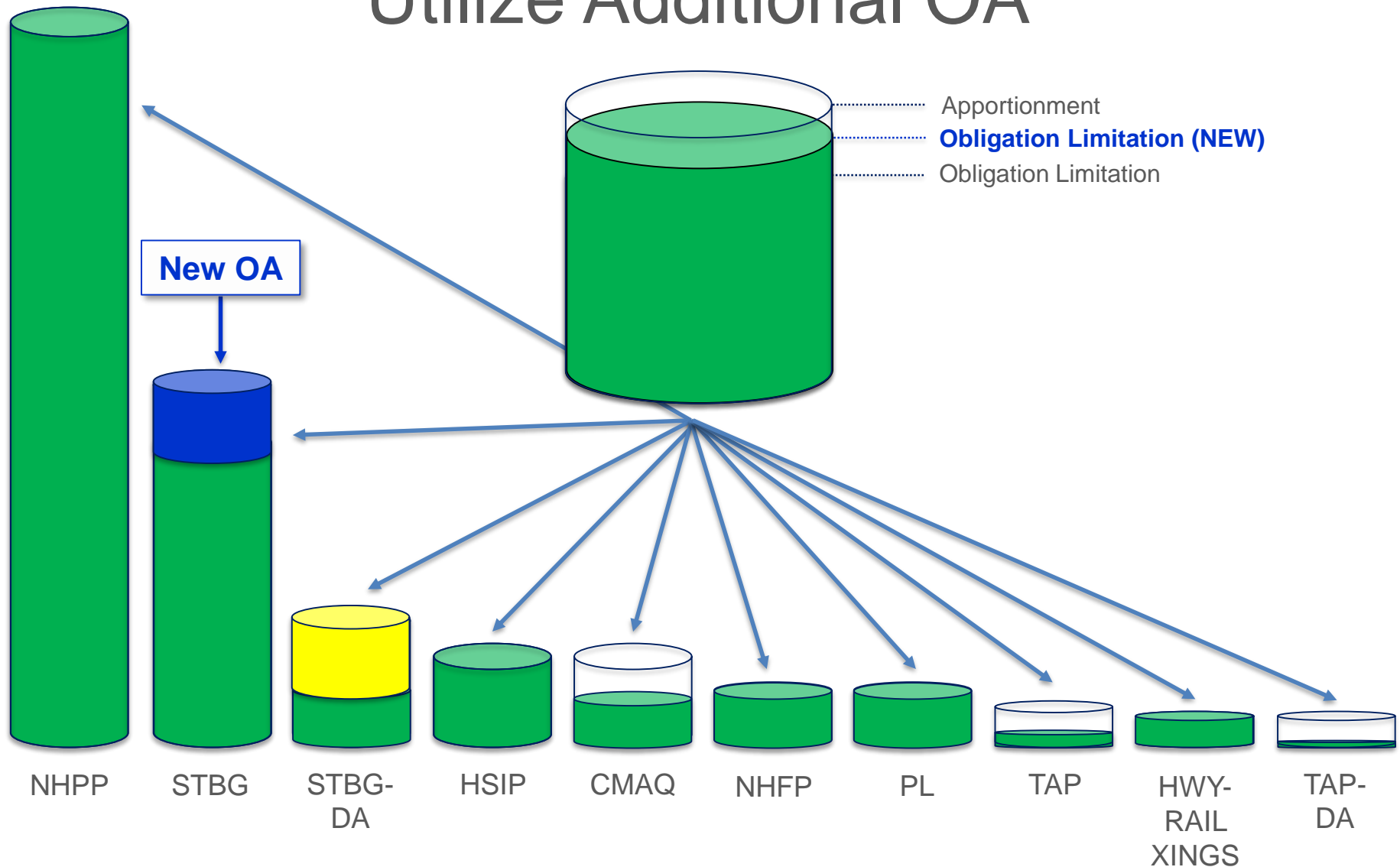
# August Redistribution



# Fund Swap



# Utilize Additional OA




# Asking MPOs to Help Maximize August Redistribution

## Improve Their Delivery

## Continue with STBG/STBG-DA Fund Swap

- Funds replaced when MPO has a project ready (STBG)
- Same rules for STBG & STBG-DA

## Have projects ready to deliver after 2020 Rescission


  
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

May 29, 2018

MEMO TO: Sherry Ashley, Technical Coordinating Committee (TCC) Chair  
Charlotte Regional Transportation Planning Organization (CRTPO)

FROM: Bobby Lewis, Chief Operating Officer  
North Carolina Department of Transportation 

SUBJECT: Switching of funding sources for selected projects in CRTPO area

I appreciate your taking time to meet with members of my staff to discuss a funds swap that could potentially secure additional federal funding for North Carolina and the spirit of cooperation that was exhibited at the meeting held on April 25, 2018. The funding swap involves switching currently available CRTPO Direct Attributable federal funds for flexible federal funds in the years the Direct Attributable funds were programmed. There is no impact to schedules, local matches, or project management requirements resulting from the proposed swap.

**STEP 1: Request CRTPO STBG-DA FUNDS**  
Our proposal is to request \$11,860,641 of the CRTPO's Surface Transportation Block Grant - Direct Attributable (STBG-DA) funds in fiscal year (FY) 2018 on the following projects where we had initially intended to use federal National Highway Performance Program (NHPP) funding. These funds will be used to make payments on GARVEE bonds issued as part of the funding of these projects.

R-2123 CE - Charlotte Outer Loop - \$4,729,471  
I-3819 A - I-40/I-77 interchange - \$5,365,326  
R-2248 E - Charlotte Outer Loop - \$1,521,715  
U-209 B - Independence Boulevard - \$244,129

**STEP 2: Supplement U-5108 and U-5874 with STBG-Flex Funds**  
We then propose to program \$11,860,641 of federal STBG - flex funds (i.e. funds that can be used anywhere in the state) on Project U-5108, Northcross Drive Extension and Project U-5874, North University Research Park I-85 overpass in fiscal year 2020 in place of the currently planned STBG-DA funds that are directly attributable to the CRTPO area. The amounts are as follows:

U-5108 - \$4,765,000  
U-5874 - \$7,095,641

Mailing Address:  
NC DEPARTMENT OF TRANSPORTATION  
SECRETARY OF TRANSPORTATION  
1501 MAIL SERVICE CENTER  
RALEIGH NC 27699-1501

Telephone: (919) 707-2800  
Fax: (919) 733-9150  
Customer Service: 1-877-568-4868

Website: www.ncdot.gov

Location:  
1.5 WILMINGTON ST.  
RALEIGH NC 27601

# Questions?



## **NORTH CAROLINA**

Department of Transportation



# Financial Update

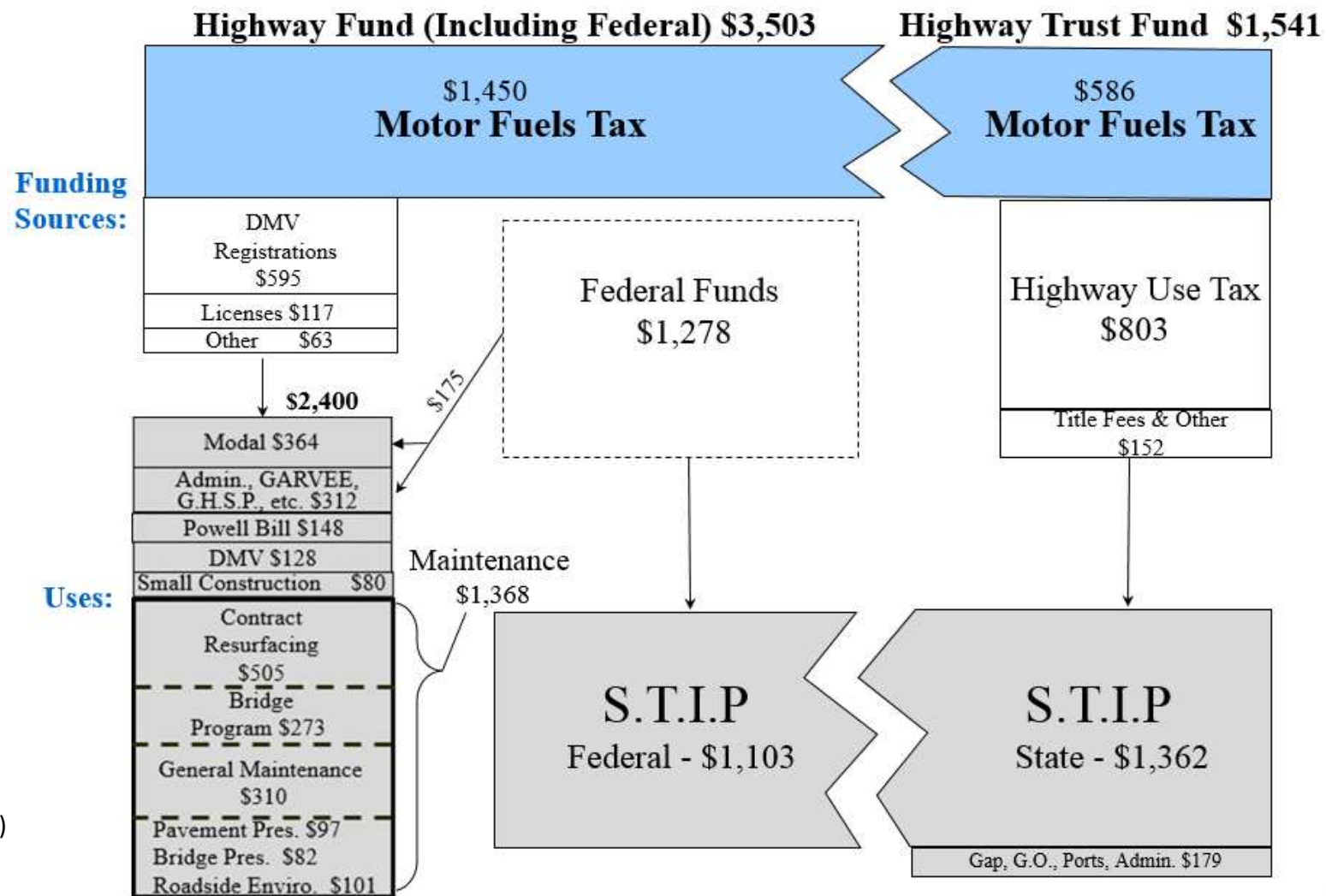
As of May 2019

Evan Rodewald, Chief Financial Officer

June 26, 2019

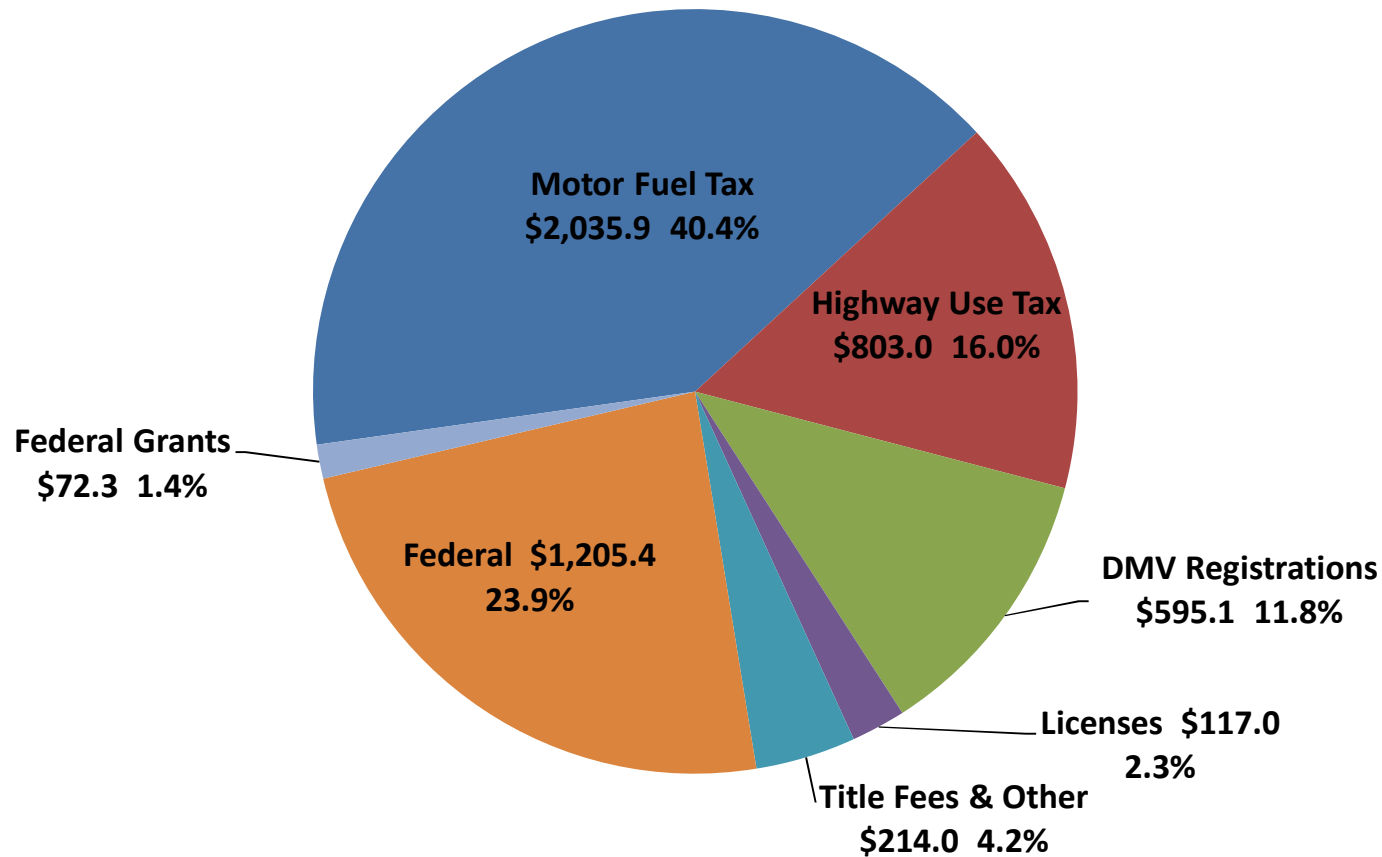


# Highway Fund and Highway Trust Fund Budget, SFY 2018-19



# NCDOT Revenue Sources SFY2019 - \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)



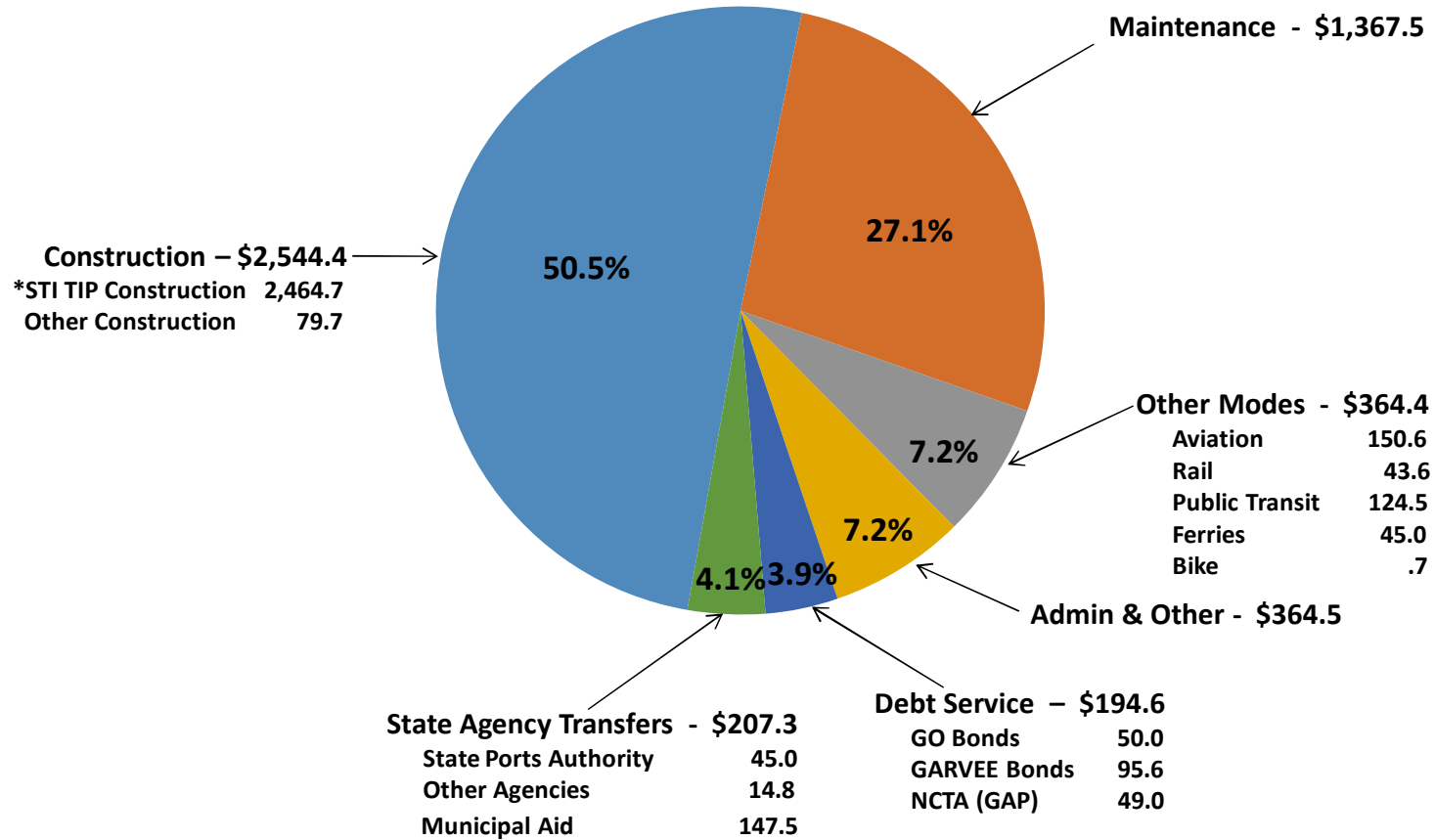
(\$ in millions)



# Uses of 2018-19 NCDOT Appropriations

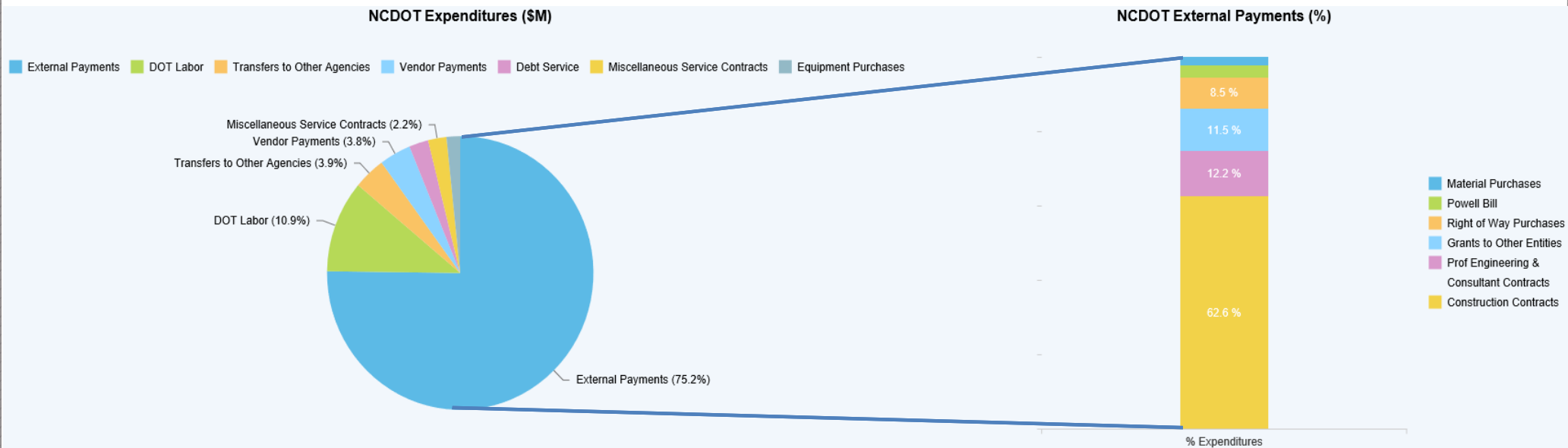
## Total Funding = \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)

# NCDOT Expenditures SFY2019 as of May 31, 2019



# Revenue Summary May 2019

(\$ in Millions)

	May 2019	May 2018	Year Over Year				2018-2019 SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
<b>State &amp; Federal Collections*:</b>								
State Highway Fund Revenues	\$ 195.7	\$ 205.6	\$ 2,071.1	\$ 1,981.4	\$ 89.7	5%	2,224.5	93%
State Highway Trust Fund Revenues	141.6	132.2	1,449.1	1,388.7	60.5	4%	1,540.5	94%
Total State Funds	337.3	337.8	3,520.2	3,370.1	150.2	4%	\$ 3,765.0	93%
Federal Funds/Participation	203.1	140.3	1,504.9	1,178.2	326.8	28%	1,277.7	118%
GARVEE Bond Proceeds	-	-	-	31.2	(31.2)		N/A	N/A
Total	\$ 540.4	\$ 478.1	\$ 5,025.2	\$ 4,579.4	\$ 445.7	10%	\$ 5,042.7	100%
	May 2019	May 2018	Year Over Year				SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
<b>Highway Fund &amp; Trust Fund Details</b>								
Motor Fuel Taxes	\$ 179.2	\$ 183.3	\$ 1,896.0	\$ 1,792.5	\$ 103.5	6%	\$ 2,035.9	93%
Highway Use Tax	74.1	70.1	762.3	721.8	40.5	6%	803.0	95%
DMV/Other Revenue	83.3	82.2	845.7	830.1	15.6	2%	913.1	93%
Investment Income	0.7	2.2	16.2	25.6	(9.4)	-37%	13.0	125%
<b>Total Revenue</b>	<u>\$ 337.3</u>	<u>\$ 337.8</u>	<u>\$ 3,520.2</u>	<u>\$ 3,370.1</u>	<u>\$ 150.2</u>	<u>4%</u>	<u>\$ 3,765.0</u>	<u>93%</u>

\*Excludes NCTA Revenues

## Expenditure Summary May 2019

(\$ in millions)

			Year Over Year				SFY Annual Budget	
	May-19	May-18	2018-2019 Actual	2017-2018 Actual	\$ Δ	% Δ	2018-2019 Budget	%
<b>State &amp; Federal Funded Programs:</b>								
Construction	\$ 261.4	\$ 272.5	\$ 3,041.9	\$ 2,643.7	\$ 398.2	15%	\$ 2,544.4	120%
Maintenance	202.9	213.2	1,918.0	1,500.1	417.9	28%	1,367.5	140%
Other Modes	25.4	38.2	414.0	322.3	91.7	28%	364.4	114%
Administration/Other Programs	32.6	27.4	211.5	195.1	16.5	8%	364.5	58%
Debt Service (Including NCTA GAP funds)	31.8	32.2	194.6	196.7	(2.1)	-1%	194.6	100%
Municipal Aid	-	-	147.3	147.7	(0.3)	0%	147.5	100%
Transfers to Other Agencies	(28.5)	0.4	58.3	56.6	1.7	3%	59.8	98%
<b>Total Expenditures*</b>	<b>\$ 525.6</b>	<b>\$ 583.8</b>	<b>\$ 5,985.8</b>	<b>\$ 5,062.3</b>	<b>\$ 923.5</b>	<b>18%</b>	<b>5,042.7</b>	<b>119%</b>

*\*Excludes NCTA Expenditures*

## Financial Update

### SFYTD 2019 as compared SFYTD 2018

(\$ in millions)

	May '19	May '18	YTD 2019	YTD 2018	\$ Change
<u>Highway Fund &amp; Highway Trust Fund</u>					
Collections	\$ 540	\$ 478	\$ 5,025	\$ 4,579	\$ 446
Expenditures	<u>526</u>	<u>584</u>	<u>5,986</u>	<u>5,062</u>	<u>924</u>
Net Change	\$ 14	\$ (106)	\$ (961)	\$ (483)	\$ (478)
Cash Balances:			May '19	May '18	
Highway Trust Fund			\$ 278	\$ 1,488	
Highway Fund*			<u>222</u>	<u>38</u>	
Totals			<u>\$ 500</u>	<u>\$ 1,526</u>	

\*Excludes bond proceeds held by Trustee & GARVEE Debt Service Reserve



North Carolina Department of Transportation  
Transportation Program Management Unit - Value Management  
Innovative Technologies and Products Awareness Report  
June 26, 2019



## PRODUCT HIGHLIGHT – Heavy Vehicle Ingress/Egress Warning Systems



Solar Advanced Warning Ingress/Egress System with optional Yield Sign – image from SAWS

Two products are currently being used by NCDOT to notify the public of construction/heavy vehicles crossing construction zone intersections; the Solar Advanced Warning Systems - Ingress and Egress System (NP19-8941), and the Branz Technologies - QLYNX Trucks Entering Highway Warning System. Both are mobile systems that allow for detection of construction vehicles and notification to drivers of their presence at construction intersections, haul roads, and mining sites. The mobile systems use non-intrusive methods to detect a construction vehicle, and then notify oncoming traffic via a variety of warning lights and signs; while also notifying the construction vehicle driver of the intersection point ahead. The devices are solar powered and are equipped with both BlueTooth and WiFi capabilities for easy programming and notification to construction vehicles.

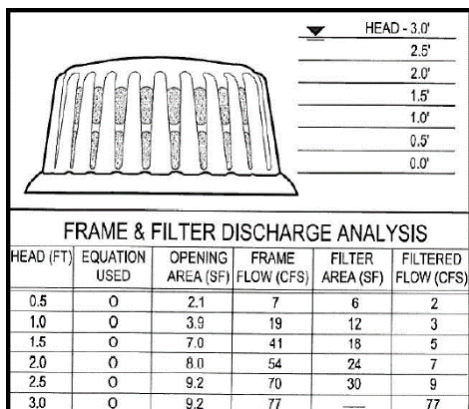
One of the devices is currently being used on a NCDOT project on I-40, south of I-440 (TIP: I-5111); while the other device has completed a field trial on I-95 and is in the process of being added to the Approved Products List.

For more information, please visit; [www.sawsinc.net](http://www.sawsinc.net) and [www.branztech.com/](http://www.branztech.com/)



Solar Advanced Warning Ingress/Egress System with construction truck warning sign – image from SAWS

## PRODUCT INNOVATION – Silt Saver Frame and Filter Assembly



Silt Saver with Round Base filter and discharge analysis – image from Silt-Saver, Inc.

The Silt Saver is currently being used on several projects, including on I-85 north of Charlotte, NC (TIP: I-3802B), and I-85 north of Greenville, South Carolina.

For more information, please visit: <https://silt saver.com/>

The Silt Saver Frame and Filter Assembly (NP17-7853) is a cost-effective product that allows NCDOT and contractors to prevent debris from damaging or clogging the stormwater system. It also prevents excessive amounts of siltation from entering the stormwater system. The 2-staged design filter allows for 12 inches of filtration material on the bottom half, while providing for an appropriate amount of overflow protection with 12 inches of green mesh on the top. Typical lab tests demonstrate a continuous filtration rate of approximately 1200 GPM, for the standard model. The filter comes in either a round or square base design and can accommodate both standard and high-flow situations. The filter and frame are both reusable and can be moved easily to a new location upon completion of the project.



Example of Silt Saver with Round Base (standard flow) – image from Silt-Saver, Inc.