

# I N D E X

## BOARD OF TRANSPORTATION MEETING

April 4, 2019

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## **BOARD OF TRANSPORTATION MEETING**

**April 4, 2019**

### **Call to Order**

Chairman Fox called the meeting of the Board of Transportation to order at 9:00 a.m. on Thursday, April 4, 2019, in Raleigh, North Carolina with the following members present: Fox, Szlosberg-Landis, Moran, Overholt, Alford, Tulloss, Jordan, Hunt, Molamphy, Wells, Bowles, Tarleton, Perkins, Lathrop, Debnam, and Zimmer.

Board Member Pope called in to the meeting.

Board Member Taft and Board Member Clarke were absent.

### **Ethics Statement**

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

### **Chairman Fox Remarks**

Chairman Fox welcomed all the guests.

### **Approval – March 7, 2019 Board Meeting Minutes and Reapproval of February 7, 2019 Meeting Minutes**

Chairman Fox stated that there was a minor technicality in the vote last month to approve the February 7, 2019 meeting minutes. The Board is asked to re-approve the February 7, 2019 minutes. Chairman Fox stated that both February and March meeting minutes were distributed for review prior to the meeting. Chairman Fox asked for a motion to approve the meeting minutes from the March 7, 2019 Board of Transportation meeting. A motion was made by Board Member Tarleton and seconded by Board Member Moran. Chairman Fox asked for a motion to approve the meeting minutes from the February 7, 2019 Board of Transportation

meeting. A motion was made by Board Member Debnam and seconded by Board Member Moran.

### **Secretary's Remarks**

Chairman Fox spoke on the behalf of Secretary Trogdon.

Chairman Fox stated Secretary Trogdon was attending the Carolina Asphalt Pavement Association meeting.. Chairman Fox stated that on Tuesday April 2, 2019 Board Member Allen Moran welcomed Governor Cooper, Secretary Trogdon and many Dare County officials to cut the ribbon on the new bridge over the Oregon Inlet, in honor of former state Senator Marc Basnight.

On behalf of Secretary Trogdon, Chairman Fox acknowledged the success of the first Mobi Awards. Chairman Fox explained how multimodal transportation plays a vital role in economic well-being and quality of life in North Carolina. Chairman Fox highlighted on how, many communities from the mountains to the coast, and in rural, urban and suburban areas were represented. Chairman Fox mention there would be another Mobi Awards next year and he thanked Deputy Secretary Julie White and her team on the wonderful job they did.

Chairman Fox mention the department is launching the second survey in an effort to develop the 30-year strategic transportation plan, called NC Moves 2050 Plan. The survey is brief and interactive and can be taken through June 2, 2019. Chairman Fox encouraged everyone to visit [ncdot.gov](http://ncdot.gov) and search for NC Moves 2050 to access the survey. Chairman Fox stated the input will be used to help develop and prioritize strategies for NCDOT to proactively address future challenges.

### **Brent Hamilton Award**

Chairman Fox stated each year, the department along with Board of Transportation, honors an employee with the Brent Hamilton Award. Chairman Fox explained the Brent Hamilton Excellence in Financial Management and Integrity Award is presented to an NCDOT employee demonstrating exemplary dedication to financial services and functions, increasing financial accountability, providing excellent stewardship of public dollars and being a role model for adherence to ethical standards. Chairman Fox acknowledged this year the award would go to an employee in the Ferry Division. Chairman Fox announced that the 2019 Brent Hamilton

Award recipient is Mary Willis. Chairman Fox shared that Mary has been with the department for nearly 20 years. Chairman Fox thanked Mary for her service to the department.

### **Wildflower Awards**

Chairman Fox mentioned the next awards are designed to recognize the people who have helped make North Carolina's roadsides beautiful across the United States. Chairman Fox thanked Mrs. Gail Hill, President of the Garden Club of North Carolina for her leadership and dedication to keeping North Carolina beautiful through the Wildflower programs. Mrs. Hill came forward and provided remarks to members of the Board regarding the Wildflower program. Chairman Fox called Mr. David Harris, State Roadside Environmental Engineer forward and Mr. Harris announced the various winners and presented them with their awards.

#### **Best Overall Division Wildflower Program:**

- First Place – Division 13, which includes Rutherford, McDowell, Burke, Mitchell, Yancey, Madison and Buncombe counties
- Second Place – Division 14, which includes Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Polk, Swain and Transylvania counties

#### **William D. Johnson Daylily Award:**

- First Place – Division 7 – I-40/85 at N.C. 54 in Alamance County (exit 148)
- Second Place – Division 4 – I-795 at N.C. 222 in Wayne County (exit 14)

#### **Best Regional Wildflower Planting, Eastern Region:**

- First Place – Division 2 – U.S. 264 at Mazingo Road in Pitt County (exit 71)
- Second Place – Division 1 – N.C. 11 at Jack Branch Road in Bertie County

#### **Best Regional Wildflower Planting, Central Region:**

- First Place – Division 9 – U.S. 52 at Perch Road in Stokes County (exit 129)
- Second Place – Division 10 – I-85 at Beatties Ford Road in Mecklenburg County (exit 37)

#### **Best Regional Wildflower Planting, Western Region:**

- First Place – Division 14 – I-40 at U.S. 19/23/74 in Haywood County (exit 27)
- Second Place – Division 13 – I-26 at mile marker 10 in Madison County

The awards, sponsored by [The Garden Club of North Carolina](#), recognize the efforts of NCDOT staff who carry out North Carolina's wildflower program and enhance the overall appearance and environmental quality of the state's highways. Awards are given to the best-looking flower beds in each region of the state, as well as the best overall highway division wildflower program.

## **DELEGATED AUTHORITY ITEMS**

### **Approval – Award of Highway Construction Contracts in March 2019 Letting**

Chairman Fox stated that items C, D, E, H, and L are delegated to the Secretary and require no formal action by the Board. He shared that for Item C: all projects were awarded by the Secretary to the low bidder except for the project on page 8 of 15, which no bids were received. It will be re-advertised at a later date.

### **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 (I-1, I-1A, I-4 ), K, M, N, O, and R (excluding items C, D, E, H, and L as they are delegated authority items and require no formal board action).

Board Member Zimmer abstained from voting on all projects for items:

- Item I-1A – Project TA-6727; Go Triangle Battery Electric Buses
- Item I-1A – Project TD-5306; Go Triangle Construct Regional Transit Center.
- Item I-1A – Project TD-5309; Design, Right of Way, And Construction of Up To 100 New Bus Stop Sites in The City of Raleigh. Sites Will Be Built for Ada Accessibility as Well as Passenger Amenities When Appropriate. Phase PE.
- Item I-1A – Project TD-5309A; Design, Right of Way, And Construction of Up To 100 New Bus Stop Sites in The City of Raleigh. Sites Will Be Built for Ada Accessibility as Well as Passenger Amenities When Appropriate. Phase ROW.
- Item I-1A – Project TD-5309B; Design, Right of Way, And Construction of Up To 100 New Bus Stop Sites in The City of Raleigh. Sites Will Be Built for Ada Accessibility as Well as Passenger Amenities When Appropriate. Phase CON.
- Item K-1 – Project U-6199; Wilmington city wide signal system. Initial funds are requested for preliminary engineering.
- Item K-2 – Project U-6202; SR 2048 (Gordon Road) from US 17 (Market Street) to I-40. Initial funds are requested for preliminary engineering.
- Item M-2 – Project U-5534T; Wilmington Signal Modifications to accommodate pre-emption for emergency vehicles at 27 intersections and install Global Positioning System (GPS) technology on existing fire safety equipment. Funds are needed for construction to upgrade traffic signals and fire service equipment.

- Item N – Project U-5785; SR 1708 (Firetower Road), West of East Arlington Boulevard to Sr 1704 (Fourteenth Street) In Greenville. Widen to Multi-Lanes.
- Item N – Project U-5870; SR 1708 (Firetower Road), Sr 1704 (Fourteenth Street) To Nc 33 (East 10th Street) In Greenville. Widen to Multi-Lanes.
- Item N – Project U-6016; SR 2124 (Lewiston Road), SR 2136 (Fleming Road). Intersection Improvements.
- Item O – Project 36249.3995; This Project consists of signal modifications at SR 2048 (Gordon Road) and Blount Drive and SR 2048 (Gordon Road) and NC 132 (North College Road)/I-40 eastbound ramps. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer will reimburse the Department 100% for the work. The estimated reimbursement is \$25,000.
- Item O – Project 36249.3999; This Project consists of traffic signal modifications at US 17 (Military Cutoff Road) and Arboretum Drive/Arbor Court and signal coordination work along US 17 (Military Cutoff Road) to be performed by the Department related to the Arboretum West 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.

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

- Item G-4 – Project 51831; Portion of SR 1740, Apple Orchard Road; Retain 0.84 miles. Portion of SR 1738, South Railroad Street; Retain 0.48 miles.
- Item M-14 – Project W5710AJ; 44856.1.38, HSIP-0074(224) US 74 and SR 1733 (Camden Street) in Lilesville. Funds are needed for preliminary engineering.
- Item N – Project W-5710DIV; Various, Safety Improvements at Various Locations.
- Item N – Project W-5710REG; Various, Safety Improvements at Various Locations.
- Item N – Project W-5710SW; Various, Safety Improvements at Various Locations.
- Item O – Project 36249.3993; This Project consists of the modification of a traffic signal at NC 75 (Waxhaw Highway/Franklin Street) and NC 84 (Weddington Road). The Department will review the traffic signal plans and inspect the traffic

signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.



# **NCDOT Board of Transportation Agenda**

## **ITEM C**

**March 19, 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.  
MARCH 19, 2019  
DIVISION 00001

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C204310  
47256.3.2  
STATE FUNDED  
DARE  
F-5703B

PROPOSAL LENGTH                      MILES  
TYPE OF WORK    2 SUPPORT TUGS W/A FRAME, 2 SUPPORT TUGS, AND 2 DECK BARGES.  
LOCATION            MANNS HARBOR IN DARE COUNTY.

EST CONST PROGRESS.... FY-2019..20% OF BID  
FY-2020..80% OF BID

RPN 001                      2 BIDDER(S)            DBE GOAL    0.00%  
ESTIMATE 4,174,858.40

DATE AVAILABLE            APR 29 2019  
FINAL COMPLETION        JUN 29 2020

	\$ TOTALS	% DIFF
CONRAD SHIPYARD LLC MORGAN CITY, LA	8,208,869.46	+96.6
* SHARK TECH LLC DBA METAL SHARK JEANERETTE, LA	8,925,711.96	+113.8
* IMPROPER PROPOSAL FORM		
* LUMP SUM PRICE OMITTED		
* ADDENDUM PROPOSAL NOT USED. LS PRICES NOT		

\* DENOTES IRREGULAR BID

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00002

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C204318

44848.3.16

HSIP-0220(094)

BEAUFORT, CARTERET, CRAVEN, PITT, JONES, LENOIR, PAMLICO, GREENE

W-5702P

PROPOSAL LENGTH 722.650 MILES

TYPE OF WORK POLYUREA PAVEMENT MARKINGS.

LOCATION 128 SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..20% OF BID  
FY-2020..80% OF BID

RPN 003

2 BIDDER(S)

DBE GOAL 0.00%

ESTIMATE 14,172,093.45

DATE AVAILABLE APR 29 2019

FINAL COMPLETION JUN 30 2020

	\$ TOTALS	% DIFF
TRP CONSTRUCTION GROUP LLC FORT WORTH, TX	9,863,852.83	-30.4
OGLESBY CONSTRUCTION INC NORWALK, OH	15,440,880.94	+9.0

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00005

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C204316  
17BP.5.C.03  
STATE FUNDED  
GRANVILLE

PROPOSAL LENGTH 0.036 MILES

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

LOCATION PIPE #34 AT WEST PRONG CREEK ON SR-1716 (GRAHAM SHERRON RD).

EST CONST PROGRESS.... FY-2019..58% OF BID  
FY-2020..42% OF BID

RPN 004 4 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 428,135.80

DATE AVAILABLE APR 29 2019

INTER COMPLETION SEP 15 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 13 2020

	\$ TOTALS	% DIFF
DANE CONSTRUCTION INC MOORESVILLE, NC	727,068.14	+69.8
CONTI ENTERPRISES, INC EDISON, NJ	812,757.00	+89.8
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	838,383.00	+95.8
RALPH HODGE CONSTRUCTION COMPANY WILSON, NC	926,333.41	+116.4

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00005

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C204317  
17BP.5.R.82  
STATE FUNDED  
GRANVILLE

PROPOSAL LENGTH 0.133 MILES

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

LOCATION BRIDGE #40 OVER TABB'S CREEK ON US-158 (WILLIAMSBORO RD).

EST CONST PROGRESS.... FY-2019..43% OF BID  
FY-2020..57% OF BID

RPN 005                      6 BIDDER(S)              DBE GOAL 6.00 %  
ESTIMATE 1,035,029.33

DATE AVAILABLE APR 29 2019

INTER COMPLETION NOV 15 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 13 2020

	\$ TOTALS	% DIFF
DANE CONSTRUCTION INC MOORESVILLE, NC	1,055,958.09	+2.0
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,075,759.50	+3.9
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	1,140,467.75	+10.2
CONTI ENTERPRISES, INC EDISON, NJ	1,217,757.00	+17.7
S T WOOTEN CORPORATION WILSON, NC	1,392,244.88	+34.5
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,392,931.00	+34.6

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00005

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C204281

2020CPT.05.10.10351.1, 2020CPT.05.10.10921.1, 2020CPT.05.10.20921.1, 2020CPT.05.10.20922.1

STATE FUNDED

FRANKLIN, WAKE

PROPOSAL LENGTH 25.601 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF NC-98 AND 54 SECTIONS OF SECONDARY ROADS.

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

RPN 006 4 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 5,841,479.04

DATE AVAILABLE JUL 01 2019

FINAL COMPLETION NOV 01 2020

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	5,536,571.15	-5.2
CAROLINA SUNROCK LLC RALEIGH, NC	5,540,519.75	-5.2
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	5,979,773.65	+2.4
S T WOOTEN CORPORATION WILSON, NC	6,250,588.96	+7.0

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00005

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C204298

5B.203514.4, 5B.203914.4, 5B.209314.3

STATE FUNDED

FRANKLIN, GRANVILLE, WARREN

PROPOSAL LENGTH 0.126 MILES

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

LOCATION SR-1600 (EAST RIVER RD), SR-1623 (PHILO WHITE RD), SR-1219 (ELLINGTON RD), AND  
SR-1107 (RIDGEWAY-WARRENTON RD).

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

RPN 007 3 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 1,747,561.60

DATE AVAILABLE JUL 01 2019 THRU SEP 01 2019

INTER COMPLETION NOV 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT  
COMPLETE ALL WORK REQUIRED ON SR-1623 (PHILO WHITE RD) WITHIN 30 DAYS  
AFTER START  
COMPLETE ALL WORK REQUIRED ON SR-1219 (ELLINGTON ROAD) WITHIN 45 DAYS  
AFTER START  
COMPLETE ALL WORK REQUIRED ON SR-1107 (RIDGEWAY-WARRENTON RD) WITHIN  
30 DAYS AFTER START  
COMPLETE ALL WORK REQUIRED ON SR-1600 (EAST RIVER RD) WITHIN 60 DAYS  
AFTER START

FINAL COMPLETION APR 01 2020

	\$ TOTALS	% DIFF
RALPH HODGE CONSTRUCTION COMPANY WILSON, NC	1,403,255.09	-19.7
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,467,641.00	-16.0
DANE CONSTRUCTION INC MOORESVILLE, NC	1,811,547.60	+3.7

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00005

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C204321

50138.3.235

HSIP-000S(855)

FRANKLIN, WAKE, DURHAM, GRANVILLE

W-5601HZ, W-5705Z

PROPOSAL LENGTH 1.700 MILES

TYPE OF WORK GUARDRAIL END UNIT REPLACEMENT.

LOCATION I-85, I-440, I-495, I-540, US-1, US-15/501, US-501, US-64, AND NC-147.

EST CONST PROGRESS.... FY-2019..45% OF BID  
FY-2020..55% OF BID

RPN 008 3 BIDDER(S) DBE GOAL 0.00%  
ESTIMATE 846,305.00

DATE AVAILABLE APR 29 2019

FINAL COMPLETION NOV 01 2019

	\$ TOTALS	% DIFF
BULLINGTON CONSTRUCTION INC OAKBORO, NC	611,875.00	-27.7
REYNOLDS FENCE & GUARDRAIL INC INDIAN TRAIL, NC	707,500.00	-16.4
NICKELSTON INDUSTRIES INC LAWSONVILLE, NC	1,002,000.00	+18.4

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00007

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C204295  
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-2019..49% OF BID  
FY-2020..51% OF BID

RPN 009 NO BIDDER(S) DBE GOAL 8.00 %

ESTIMATE

DATE AVAILABLE APR 29 2019

INTER COMPLETION OCT 15 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 12 2020

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00008

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C204238  
15BPR.36  
STATE FUNDED  
CHATHAM

PROPOSAL LENGTH 0.200 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION US-64 EB OVER JORDAN LAKE STRUCTURE #180058 AND US-64 WB OVER JORDAN LAKE  
STRUCTURE #180059.

EST CONST PROGRESS.... FY-2019..19% OF BID  
FY-2020..75% OF BID  
FY-2021..06% OF BID

RPN 010 7 BIDDER(S) DBE GOAL 0.00%  
ESTIMATE 2,448,288.90

DATE AVAILABLE APR 29 2019

FINAL COMPLETION SEP 01 2020

	\$ TOTALS	% DIFF
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	1,633,286.10	-33.3
LANFORD BROTHERS CO INC ROANOKE, VA	1,721,997.54	-29.7
BUCKEYE BRIDGE LLC CANTON, NC	1,744,704.00	-28.7
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC.	1,806,172.44	-26.2
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	1,900,707.50	-22.4
CONTI ENTERPRISES, INC EDISON, NJ	2,199,757.00	-10.2
ARCHER WESTERN CONSTRUCTION LLC RALEIGH, NC	2,599,777.00	+6.2

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00008

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C204328

2019CPT.08.08.10631, 2019CPT.08.08.20631

STATE FUNDED

MOORE

PROPOSAL LENGTH 32.000 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 4 SECTIONS OF US-15/501, 2 SECTIONS OF NC-22 AND NC-5, 1 SECTION OF NC-705, AND 6 SECTIONS OF SECONDARY ROADS.

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

RPN 011 2 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 7,064,324.55

DATE AVAILABLE JUL 01 2019

FINAL COMPLETION NOV 01 2020

	\$ TOTALS	% DIFF
RILEY PAVING INC CARTHAGE, NC	6,383,238.19	-9.6
S T WOOTEN CORPORATION WILSON, NC	6,950,611.07	-1.6

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00008

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C204327

2019CPT.08.09.10761, 2019CPT.08.09.20761

STATE FUNDED

RANDOLPH

PROPOSAL LENGTH 68.105 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF NC-49, 1 SECTION EACH OF US-220 BUS, US-220 ALT, NC-705, AND NC-22,  
AND 25 SECTIONS OF SECONDARY ROADS.

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

RPN 012 2 BIDDER(S) DBE GOAL 7.00 %  
ESTIMATE 11,390,667.71

DATE AVAILABLE JUL 01 2019

INTER COMPLETION AUG 15 2019 COMPLETE ALL WORK REQUIRED OF MAP #7  
OCT 14 2019 COMPLETE ALL WORK REQUIRED FOR MAP #1

FINAL COMPLETION NOV 01 2020

	\$ TOTALS	% DIFF
SHARPE BROTHERS A DIVISION OF VECELLIO & GROGAN INC GREENSBOF	11,668,517.95	+2.4
RILEY PAVING INC CARTHAGE, NC	11,845,620.85	+4.0

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00010

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C204322

2020CPT.10.02.10131, 2020CPT.10.02.20131, 2020CPT.10.02.20132

STATE FUNDED

CABARRUS

PROPOSAL LENGTH 20.118 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF NC-3, 1 SECTION OF NC-73, AND 25 SECTIONS OF SECONDARY ROADS.

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

RPN 013 4 BIDDER(S) DBE GOAL 7.00 %  
ESTIMATE 5,405,760.02

DATE AVAILABLE JUL 01 2019

FINAL COMPLETION NOV 01 2020

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	5,036,205.12	-6.8
BLYTHE BROTHERS ASPHALT CO LLC CHARLOTTE, NC	5,323,371.40	-1.5
GRANITE CONTRACTING LLC CORNELIUS, NC	5,550,727.17	+2.7
J T RUSSELL & SONS INC ALBEMARLE, NC	5,677,003.93	+5.0

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00010

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C204313

2020CPT.10.08.10901, 2020CPT.10.08.20901, 2020CPT.10.08.20902

STATE FUNDED

UNION

PROPOSAL LENGTH 29.860 MILES

TYPE OF WORK WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-74, 1 SECTION OF NC-75, AND 22 SECTIONS OF SECONDARY ROADS.

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

RPN 014 1 BIDDER(S) DBE GOAL 4.00 %  
ESTIMATE 6,996,800.96

DATE AVAILABLE JUL 01 2019

INTER COMPLETION SEP 30 2019 COMPLETE ALL WORK OF FULL DEPTH RECLAMATION ON MAPS #4, #6 & #7

FINAL COMPLETION NOV 01 2020

	\$ TOTALS	% DIFF
LYNCHES RIVER CONTRACTING INC PAGELAND, SC	7,017,350.81	+0.3

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00010

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C204320

2020CPT.10.10.20901.1, 2020CPT.10.10.20901.2, 2020CPT.10.10.20901.3, 2020CPT.10.10.20901.4,  
2020CPT.10.10.20901.5, 2020CPT.10.10.20901.7

STATE FUNDED

UNION

PROPOSAL LENGTH 17.077 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 40 SECTION OF SECONDARY ROADS.

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

RPN 015 2 BIDDER(S) DBE GOAL 5.00 %  
ESTIMATE 3,997,825.98

DATE AVAILABLE JUL 01 2019

INTER COMPLETION OCT 20 2019 COMPLETE ASPHALT OVERLAY ON MAPS #1 THRU #4, AND #27 THRU #39

FINAL COMPLETION NOV 01 2020

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	4,157,842.96	+4.0
LYNCHES RIVER CONTRACTING INC PAGELAND, SC	4,182,106.11	+4.6

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
MARCH 19, 2019  
DIVISION 00012

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\* C204403

2019CPT.12.05.10181, 2019CPT.12.05.20181

STATE FUNDED

CATAWBA

PROPOSAL LENGTH 40.289 MILES

TYPE OF WORK WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF NC-127, 1 SECTION OF NC-10, 3 SECTIONS OF NC-16 BUS, AND 26 SECTIONS OF SECONDARY ROADS.

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

RPN 017 2 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 7,518,405.04

DATE AVAILABLE JUL 01 2019

INTER COMPLETION AUG 23 2020 COMPLETE ALL WORK REQUIRED FOR MAP #22

FINAL COMPLETION NOV 01 2020

	\$ TOTALS	% DIFF
MAYMEAD INC MOUNTAIN CITY, TN	7,778,021.80	+3.5
J T RUSSELL & SONS INC ALBEMARLE, NC	8,498,385.68	+13.0

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ESTIMATE TOTAL	73,067,535.78	
LETTING TOTAL	71,081,912.69	-2.7



JANUARY 15 2019 LETTING

2019.12.05.10181 ETC  
STATE FUNDED  
CATAWBA  
RPN 009

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DATE AVAILABLE      MAR 01 2019  
FINAL COMPLETION    NOV 15 2019

ENGINEER'S ESTIMATE

\$7,090,914.44

J T RUSSELL & SONS INC ALBEMARLE, NC

\$ TOTALS	% DIFF
8,751,990.15	+23.4

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MARCH 19 2019 LETTING

2019.12.05.10181 ETC  
STATE FUNDED  
CATAWBA  
RPN 017

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DATE AVAILABLE      JUL 01 2019  
FINAL COMPLETION    NOV 01 2020

ENGINEER'S ESTIMATE

\$7,518,405.04

MAYMEAD INC MOUNTAIN CITY, TN  
J T RUSSELL & SONS INC ALBEMARLE, NC

\$ TOTALS	% DIFF
7,778,021.80	+3.5
8,498,385.68	+13.0

**NCDOT April 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**

**Deputy Secretary for Multi-Modal Transportation**

**Ferry Division**

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

**STATEWIDE**

Description of work:	2016 Ferry Division Professional Services LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$750,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	0%

**Chief Operating Officer**

**Chief Engineer**

**Roadside Environmental 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.

**STATEWIDE**

Description of work:	2016 UST Environmental Services LSC
Firm:	Wood Environment & Infrastructure Solutions Inc, Alpharetta, GA
Original Engineering Fee:	\$500,000.00
Previous Supplemental Fee:	\$300,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	0%

## Roadside Environmental 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 Roadside Aesthetics 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) possible one-year extension after the date of execution or after the contract amounts have 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 Roadside Aesthetics LSC
Firm:	Augustine Wong CMW Design Strategies PLLC, Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	2019 Roadside Aesthetics LSC
Firm:	Johnson Mirmiran & Thompson Inc, Hunt Valley, MD
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2019 Roadside Aesthetics LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2019 Roadside Aesthetics LSC
Firm:	Stewart, Philadelphia, PA
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2019 Roadside Aesthetics LSC
Firm:	Summit Design and Engineering Services PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2019 Roadside Aesthetics LSC
Firm:	Timmons Group Inc, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	2019 Roadside Aesthetics LSC
Firm:	Wood Environment & Infrastructure Solutions Inc, Alpharetta, GA
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

## Highway Operations

### Maintenance Operations and Fleet Management

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

#### STATEWIDE

Description of work:	2016 Disaster Debris Monitoring LSC
Firm:	Sepi Engineering & Construction Inc., Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$750,000.00
SPSF Utilization:	0%

## Divisions

### DIVISION 3

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 3

Project:	37764.1.1 (U-4434) New Hanover County Independence Boulevard Extension from Randall Parkway to Martin Luther King, Jr. Parkway in Wilmington
Scope of Work:	EIS/ROD – Project Development, Environmental and Engineering Services
Estimated Construction Cost:	\$76,399,000.00
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Original Engineering Fee:	\$386,000.00
Previous Supplemental Fee:	\$1,900,000.00
Supplemental Fee:	\$939,000.00
Supplemental Work:	Additional funding to continue planning, environmental and preliminary engineering services
DBE/MBE/SPSF Utilization:	MA Engineering Consultants Inc 1% / \$9,390.00

**Divisions 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:	Stantec Consulting Services Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$15,500,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$30,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Anne Morris and Associates, LLC 1% / \$15,000.00
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 2% / \$30,000.00
SPSF Utilization:	MI Engineering PLLC 2% / \$30,000.00

Description of Work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$4,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 5% / \$75,000.00

### **Divisions 5, 7, 8, and 9**

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.

#### **DIVISIONS 5, 7, 8, and 9**

Description of work:	2016 Divisions 5, 7, 8, and 9 Planning and Design LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	Sungate Design Group PA 10% / \$200,000.00
SPSF Utilization:	Davis-Martin-Powell & Associates Inc 5% / \$100,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 5% / \$100,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group 2% / \$40,000.00

### **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:	A. Morton Thomas & Associates Inc, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Previous Supplemental Fee:	\$15,000,000.00
Supplemental Fee:	\$10,000,000.00
SPSF Utilization:	0%

Description of work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Original Engineering Fee:	\$10,000,000.00
Previous Supplemental Fee:	\$10,000,000.00
Supplemental Fee:	\$10,000,000.00
SPSF Utilization:	0%

Description of work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	The Louis Berger Group Inc, Chicago, IL
Original Engineering Fee:	\$10,000,000.00
Supplemental Fee:	\$5,000,000.00
SPSF Utilization:	0%

## Technical Services

### Environmental Analysis 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 11

Description of work:	2014 Statewide Bridge Group Q LSC
Firm:	A. Morton Thomas & Associates Inc, Raleigh, NC
Original Engineering Fee:	\$600,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Sungate Design Group PA
	10% / \$50,000.00
SPSF Utilization:	Carolina Ecosystems Inc
	10% / \$50,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC
	10% / \$50,000.00

## Field Support

### Right of Way Unit

CORRECTION: The Department is correcting the contract dollar amounts for a portion of the Right of Way Limited Service Contracts that were on the February 2019 Item D. This is for information only.

### STATEWIDE

Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$8,000,000.00
DBE/MBE Utilization:	A1 Consulting Group, Inc. 2% / \$160,000.00
DBE/WBE Utilization:	Abatemaster Inc 2% / \$160,000.00
DBE/WBE/SPSF Utilization:	Double D Construction Services Inc 2% / \$160,000.00
DBE/MBE Utilization:	Hearns Real Estate Solutions LLC 5% / \$400,000.00
SPSF Utilization:	North by Northwest Consulting Inc 5% / \$400,000.00
SPSF Utilization:	Stewart Martin & McCoy LLC 1% / \$80,000.00
SPSF Utilization:	The Right of Way Group LLC 5% / \$400,000.00
DBE/MBE/SPSF Utilization:	Vistabution LLC 2% / \$160,000.00

Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	Atkins North America Inc, Raleigh, NC
Maximum Engineering Fee:	\$8,000,000.00
SPSF Utilization:	North by Northwest Consulting Inc 20% / \$1,600,000.00
DBE/MBE/SPSF Utilization:	Vistabution LLC 30% / \$2,400,000.00

Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	The Bernard Johnson Group Inc, San Diego, CA
Maximum Engineering Fee:	\$8,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	Florida Acquisition & Appraisal Inc, Tampa, FL



Maximum Engineering Fee:	\$4,000,000.00
DBE/MBE Utilization:	Hearns Real Estate Solutions LLC 30% / \$1,200,000.00
DBE/WBE Utilization:	Abatemaster Inc 15% / \$600,000.00
DBE/WBE/SPSF Utilization:	Double D Construction Services Inc 15% / \$600,000.00

Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	Gulf Coast, LLC, Charlotte, NC
Maximum Engineering Fee:	\$8,000,000.00
SPSF Utilization:	100%

Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	Hearns Real Estate Solutions LLC, Charlotte, NC
Maximum Engineering Fee:	\$8,000,000.00
DBE/MBE Utilization:	100%

Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	Maser Consulting PA, Red Bank, NJ
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	Integra Realty Resources-Charlotte 20% / \$800,000.00
DBE/MBE/SPSF Utilization:	Vistabution LLC 5% / \$200,000.00

Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	North State Acquisitions, LLC, Albemarle, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	100%

Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	Oak City Acquisitions & Land Development Inc, Raleigh, NC
Maximum Engineering Fee:	\$8,000,000.00
DBE/WBE Utilization:	Abatemaster Inc 4% / \$320,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 5% / \$400,000.00
DBE/WBE/SPSF Utilization:	Double D Construction Services Inc 4% / \$320,000.00
DBE/MBE Utilization:	Hearns Real Estate Solutions LLC 5% / \$400,000.00
SPSF Utilization:	Integra Realty Resources-Charlotte 3% / \$240,000.00
DBE/MBE Utilization:	Piedmont Realtors LLC 5% / \$400,000.00

SPSF Utilization: Stewart Martin & McCoy LLC  
3% / \$240,000.00  
DBE/WBE/SPSF Utilization: T&T Abatement Contractor Services Inc  
4% / \$320,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Omega One Properties Inc, Thonotosassa, FL  
Maximum Engineering Fee: \$8,000,000.00  
SPSF Utilization: The Right of Way Group LLC  
10% / \$800,000.00  
DBE/WBE Utilization: Abatemaster Inc  
5% / \$400,000.00  
DBE/WBE/SPSF Utilization: Double D Construction Services Inc  
5% / \$400,000.00  
SPSF Utilization: North by Northwest Consulting Inc  
5% / \$400,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Percheron LLC, Katy, TX  
Maximum Engineering Fee: \$8,000,000.00  
DBE/MBE Utilization: Hearns Real Estate Solutions LLC  
2% / \$160,000.00  
SPSF Utilization: Integra Realty Resources-Charlotte  
5% / \$400,000.00  
SPSF Utilization: North by Northwest Consulting Inc  
2% / \$160,000.00  
DBE/WBE/SPSF Utilization: T&T Abatement Contractor Services Inc  
2% / \$160,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Premier Design Builders, Inc, Kernersville, NC  
Maximum Engineering Fee: \$4,000,000.00  
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: The Right of Way Group LLC, Lumberton, NC  
Maximum Engineering Fee: \$8,000,000.00  
SPSF Utilization: 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Southeastern Right of Way LLC, Wilmington, NC  
Maximum Engineering Fee: \$8,000,000.00  
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Vaughn & Melton Consulting Engineers Inc, Asheville, NC  
Maximum Engineering Fee: \$8,000,000.00  
DBE/MBE Utilization: A1 Consulting Group, Inc.  
5% / \$400,000.00  
DBE/MBE Utilization: Hearn's Real Estate Solutions LLC  
5% / \$400,000.00  
DBE/MBE/SPSF Utilization: Vistabution LLC  
5% / \$400,000.00  
SPSF Utilization: North by Northwest Consulting Inc  
15% / \$1,200,000.00  
SPSF Utilization: Integra Realty Resources-Charlotte  
10% / \$800,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Vistabution LLC, Raleigh, NC  
Maximum Engineering Fee: \$8,000,000.00  
DBE/MBE/SPSF Utilization: 100%

**NCDOT April 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**

<b>Div / County</b>	<b>SR No. / Road Name</b>	<b>Description</b>	<b>Amount</b>
Div 5 Durham	SR 2151 Chickasaw Road	Grade, Drain, Base & Pave Increase Funds WBS 5C.032077	\$50,000.00
Div 5 Granville	SR 1400 Grassy Creek - Virgili	Grade, Drain, Base & Pave Increase Funds WBS 5C.039061	\$160,000.00
Div 5 Granville	SR 1409 Conway Elliott Road	Grade, Drain, Base & Pave Increase Funds WBS 5C.039062	\$410,000.00
Div 5 Granville	SR 1313A Lester McFarland Road	Grade, Drain, Base & Pave Increase Funds WBS 5C.039063	\$105,714.29
Div 5 Vance	SR 1310 Ross Mill Road	Grade, Drain, Base & Pave Increase Funds WBS 5C.091044	\$40,000.00
Div 8 Randolph	SR 1187 Harvell Road	Grade, Drain, Base & Pave Increase Funds WBS 8C.076162	\$308,571.43
Div 9 Davidson	SR 3081 Brookdale Drive	Grade, Drain, Base & Pave Establish Funds WBS 9C.029118	\$35,000.00
Div 9 Davidson	SR 2151 Walford Avenue	Grade, Drain, Base & Pave Establish Funds WBS 9C.029119	\$25,000.00
Div 9 Davie	SR 1449 Riddle Circle	Grade, Drain, Base & Pave Establish Funds WBS 9C.030073	\$40,000.00
Div 9 Forsyth	SR 1982 Kallam Road	Grade, Drain, Base & Pave Establish Funds WBS 9C.034122	\$35,000.00
Div 9 Forsyth	SR 2997 Phelps Farm Road	Grade, Drain, Base & Pave Establish Funds WBS 9C.034123	\$133,379.00
Div 9 Stokes	SR 1753 Duncan Road	Grade, Drain, Base & Pave Establish Funds WBS 9C.085136	\$70,000.00
Div 11 Ashe	SR 1339 Roaring Branch Road	Grade, Drain, Base & Pave Increase Funds WBS 11C.005148	\$9,093.77
Div 11 Wilkes	Countywide	Spot Safety Improvements Increase Funds WBS 11C.097027	\$97,146.48

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

<b>Div / County</b>	<b>SR No. / Road Name</b>	<b>Description</b>	<b>Amount</b>
Div 13 Buncombe	SR 2793 Cedar Creek Road	Grade, Drain, Base & Pave Establish Funds WBS 13C.011223	\$160,571.42
Div 13 Burke	SR 2343 Oliver Childress Road	Grade, Drain, Base & Pave Establish Funds WBS 13C.012157	\$44,210.00
Div 13 Burke	SR 2040 Suburban Drive	Grade, Drain, Base & Pave Establish Funds WBS 13C.012158	\$165,000.00
Div 13 Burke	SR 2041 Austin Drive	Grade, Drain, Base & Pave Establish Funds WBS 13C.012159	\$43,000.00
Div 13 Rutherford	SR 2313 Snowball Drive	Grade, Drain, Base & Pave Establish Funds WBS 13C.081117	\$60,000.00

**Project Closings**

Div 11 Watauga	SR 1300C Rich Mountain Road	Grade, Drain, Base & Pave Increase Funds & Close WBS 11C.095123	\$53,504.37
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**Project Deletions**

Div 11 Watauga	SR 1176 Trivette Circle	Grade, Drain, Base & Pave Reduce Funds & Close Unavailable Right of Way WBS 11C.095118	(\$16,416.22)
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**Item E Summary:**

<b>11</b>	<b>Projects to Establish Funds</b>	<b>\$811,160.42</b>
<b>8</b>	<b>Projects to Increase Funds</b>	<b>\$1,180,525.97</b>
<b>1</b>	<b>Project Closings</b>	<b>\$53,504.37</b>
<b>1</b>	<b>Projects to Delete</b>	<b>(\$16,416.22)</b>

**NCDOT April 2019 Board of Transportation Agenda****Additions to the State Highway System:**

<b>County</b>	<b>Pet. No.</b>	<b>Length Added (Miles)</b>	<b>Description</b>	<b>Date of Report</b>
<b>Division 3</b>				
Onslow	51813		<b>Jackson Pointe and Carriage Crossing at Old Towne Pointe</b>	2/7/19
		0.04	Easy Peach Path	
		0.22	First Post Road	
		0.02	Ragged Point Court	
		0.02	Shad Boat Court	
		0.05	Pine Thicket Lane	
		0.10	Fosse Way	
		0.32	Cyrus Thompson Drive	
		0.06	William Sharp Way	
		0.09	Garlands Way	
		0.09	Paderick Court	
Onslow	51814		<b>Turkey Ridge</b>	1/22/19
		0.21	Gobbler's Way	
		0.31	Long Neck Drive	
		0.19	Strut Lane	
Onslow	51815		<b>Turner Farms</b>	2/11/19
		0.13	Extend SR 2551, Old Stage Road	
Onslow	51816		<b>Wantlands Ferry at Olde Towne Pointe</b>	2/7/19
		0.23	Extend SR 2642, Old Towne Pointe Blvd.	
		0.43	Mittam's Point Drive	
		0.07	Holmes Point Court	
		0.05	Alum Spring Court	
		0.21	Tuscarora Trail	
		0.03	Gabriels Way	
		0.24	New Hanover Trail	
		0.10	Dexter Court	
		0.08	Turp Landing Lane	
<b>Division 4</b>				
Johnston	51817		<b>Glen Laurel</b>	1/29/19
		0.19	Coffman Drive	
		0.14	Seward Place	
Johnston	51818		<b>Taft Woods</b>	1/9/19
		0.27	Extend SR 3258, Rockport Drive	
		0.06	Thousand Oaks Court	
		0.05	Buttonwillow Court	

## NCDOT April 2019 Board of Transportation Agenda

### Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
<b>Division 4 (continued)</b>				
Johnston	51819	0.18	<b>Weldon</b> Weldon Drive	11/7/18
Johnston	51820	0.12 0.12	<b>Parkers Landing</b> Sweet Birch Avenue Yellowwood Avenue	1/10/19
Nash	51821	0.50 0.10 0.28 0.09 0.33 0.05	<b>Baywood Subdivision</b> Baywood Road Baywood Court Elkhorn Road Elkhorn Court Bitterroot Road Bitterroot Court	9/7/18
Nash	51822	0.14	<b>Benbrook Subdivision</b> Tanbark Drive	1/23/19
<b>Division 5</b>				
Franklin	51823	0.48 0.31 0.46 0.06 0.11 0.07	<b>Stoneridge</b> Pebble Creek Drive River Rock Way Siltstone Drive Flagstone Drive Granite Drive Limestone Drive	6/13/18
<b>Division 6</b>				
Harnett	51824	0.21	<b>Atkins Village</b> Atkins Village Court	2/22/19
Harnett	51825	0.12 0.06	<b>Olde Farm Village</b> Hallow Oak Street Fawncreek Drive	2/20/18
<b>Division 8</b>				
Chatham	51826	0.81	<b>Frosty Meadow</b> Frosty Meadow Drive	2/13/19
<b>Division 11</b>				
Alleghany	51827	0.25	Health Services Road	3/4/19

## NCDOT April 2019 Board of Transportation Agenda

### Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
<b>Division 12</b>				
Iredell	51828		<b>Falls Cove – Parkwood</b>	1/12/19
		0.24	Emerald Creek Road	
		0.32	Park Crest Drive	
		0.49	Timber Lake Drive	
		0.51	Silver Falls Drive	
Iredell	51829		<b>Olde Statesville</b>	11/21/16
		0.14	Valencia Lane	
		0.36	Altondale Drive	
		0.38	Boiling Brook Drive	



## NCDOT April 2019 Board of Transportation Agenda

### Abandonments from the State Highway System:

County	Pet. No.	Length Abandoned (Miles)	Description	Date of Report
<b>Division 7</b>				
Guilford	51830	0.29	SR 1863, Bending Road; Retain 0.00	5/1/18
<b>Division 10</b>				
Anson	51831	0.23	Portion of SR 1740, Apple Orchard Road; Retain 0.84 miles	2/11/19
		0.17	Portion of SR 1738, South Railroad Street; Retain 0.48 miles	2/11/19
<b>Division 11</b>				
Surry	51832	0.04	Portion of SR 1138, Oak Grove Road; Retain 0.71 miles	2/7/19

**Summary:**            **Number of roads petitioned for addition – 56**  
                             **Number of roads petitioned for abandonment - 4**

### Corrections:

County	Requested Action
None	None

**NCDOT APRIL 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.**

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 1 Currituck	Drainage improvements on SR 1457 (Bonita St) to minimize prolonged flooding  WBS 80097	High Impact / Low Cost  TOTAL	\$10,000.00  \$10,000.00
Div 1 Martin	WBS 80085 was established (02/18) to construct a superstreet on US-17 from Hampton Ct to SR 1119 (Ralph Taylor Road) Increase funds	High Impact / Low Cost  TOTAL	\$320,000.00  \$320,000.00
Div 1 Pasquotank	Install signal on US-17 @ SR 1305 (Pro Gro Dr)  WBS 80096	High Impact / Low Cost  TOTAL	\$40,000.00  \$40,000.00
Div 3 Pender	Surf City Infiltration System feasibility study along NC-50  WBS 48710	Small Construction  TOTAL	\$35,000.00  \$35,000.00
Div 5 Wake	Slope repair work on Davis Dr at I-540 in conjunction with LGA project U-5530NA; WBS 44111.3.10 Increase funds	Small Construction  TOTAL	\$105,000.00  \$105,000.00
Div 7 Guilford	City of High Point – Widening and construction of turn lanes on SR 1884 (National Service Rd) at the intersection of SR 1985 (Piedmont Triad Parkway) WBS 48734	Economic Development  TOTAL	\$500,000.00  \$500,000.00
Div 8 Randolph	City of Asheboro – WBS 47606 was established (07/17) for preliminary design work/environmental documents specific to transportation improvements for the Greensboro-Randolph Megasite project Increase funds	Contingency  TOTAL	\$250,000.00  \$250,000.00

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

County	Description	Type	Amount
Div 9 Stokes	Town of Danbury – Install curb & gutter, drainage improvements, curb ramps, and four flashing beacons on NC-8/89  WBS 48462	Contingency  TOTAL	\$212,000.00  \$212,000.00
Div 10 Mecklenburg	Town of Davidson – Installation of Rectangular Rapid Flashing Beacons (RRFB) at four crosswalks - Beaty St & Magnolia St, Concord Rd & Baker Dr, Main St & Eugenia St, and N Main St & Glasgow St WBS 48735	Small Construction  TOTAL	\$100,000.00  \$100,000.00
Div 11 Avery	WBS 44480 was established (06/15) to construct side path along NC-184 (Beech Mountain Parkway) from 0.2 mile north of south Town Limit to 0.6 mile north of South Town Limit Increase funds	Small Construction  TOTAL	\$44,370.78  \$44,370.78
Div 11 Surry	Mount Airy – WBS 43892 was established (06/13) for the installation of curb ramps, crosswalks, and pedestrian signals at the intersection of Renfro St and Pine St Increase & close	Small Construction  TOTAL	\$30,629.22  \$30,629.22
Div 13 Buncombe	WBS 44830 was established (06/16) for the installation of sidewalk, curb ramps, and pedestrian crossing along US-19/23 from the I-40 exit 44 off ramp to SR 1245 (Acton Circle) Increase funds	Small Construction  TOTAL	\$125,000.00  \$125,000.00
Div 19 Statewide	WBS 72.1000 was established (06/16) for paving drives from state-maintained roads to bay doors of fire and rescue facilities [N.C.G.S. 136-18(24)] Increase funds	Public Access  TOTAL	\$50,000.00  \$50,000.00

**NCDOT APRIL 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>10</b>
	<b>Number of Projects</b>	<b>13</b>
<b>Small Construction Commitment</b>		<b>\$440,000.00</b>
<b>Public Access Commitment</b>		<b>\$50,000.00</b>
<b>Contingency Commitment</b>		<b>\$462,000.00</b>
<b>Economic Development Commitment</b>		<b>\$500,000.00</b>
<b>High Impact/Low Cost Commitment</b>		<b>\$370,000.00</b>
<b>TOTAL:</b>		<b><u>\$1,822,000.00</u></b>

## NCDOT April 2019 Board of Transportation Agenda

### Public Transportation Program

Highway Division	5310 Elderly and Disabled	Estimated Project Cost
		<b>Capital</b>
	<b>20-ED-964 - Pitt County Council on Aging</b> will use state funds for the purchase of service funds to provide elderly and disabled people access to transportation for medical services with the local public transit provider (PATs).	\$193,550 Total
2		\$0 Federal
		\$177,750 State
		\$15,800 Local
		<b>Planning</b>
	<b>20-ED-027B - Macon County</b> is requesting funding to aid in the transportation of its elderly and disabled residents to medical appointments, nutrition sites and social events.	\$37,746 Total
14		\$0 Federal
	1000006964 – <b>Amendment to Jan 2019 BOT Agenda – State/Local Funds Only</b>	\$18,873 State
		\$18,873 Local

# **NCDOT Board of Transportation Agenda**

## **Public Transportation Program**

### **April 2019 STIP Amendment**

				Estimates in thousands	
<b><u>ADDITION to the Transit 2018-2027 STIP</u></b>					
TA-6727	GO TRIANGLE	BATTERY ELECTRIC BUSES	CAPITAL	FY 2019-	\$209 (T)
WAKE				FY 2019-	\$943 (FBUS)
DIV	FUNDING ADDED TO FY 19 AT THE REQUEST OF CAPITAL AREA MPO			FY 2019-	\$929 (L)
					<u>\$2,081</u>
TA-6728	PIEDMONT AUTHORITY FOR REGIONAL TRANS.	REPLACEMENT VEHICLES	CAPITAL	FY 2019-	\$2,939 (CMAQ)
FORSYTH				FY 2019-	\$734 (L)
HF	ADDED CMAQ FUNDING TO FY 19 NOT PREVIOUSLY FUNDED AT THE REQUEST OF THE WINSTON-SALEM MPO				<u>\$3,673</u>
TD-5306	GO TRIANGLE	CONSTRUCT REGIONAL TRANSIT CENTER	CONSTRUCTION	FY 2019-	\$313 (L)
WAKE					<u>\$313</u>
HF	ADDED CONSTRUCTION FUNDING TO FY 19 NOT PREVIOUSLY FUNDED AT THE REQUEST OF THE CAPITAL AREA MPO				
TD-5307	GO RALEIGH	CONSTRUCT COMMUNITY TRANSIT CENTER IN EAST RALEIGH	CONSTRUCTION	FY 2019-	\$350 (L)
WAKE					<u>\$350</u>
HF	ADDED CONSTRUCTION FUNDING TO FY 19 NOT PREVIOUSLY FUNDED AT THE REQUEST OF THE CAPITAL AREA MPO				
TD-5308	GO RALEIGH	CONSTRUCT COORDINATED ADA FACILITY	CONSTRUCTION	FY 2019-	\$350 (L)
WAKE					<u>\$350</u>
HF	FUNDING ADDED TO FY 19 AT THE REQUEST OF CAPITAL AREA MPO				
TD-5309	GO RALEIGH	DESIGN, RIGHT OF WAY, AND CONSTRUCTION OF UP TO 100 NEW BUS STOP SITES IN THE CITY OF RALEIGH. SITES WILL BE BUILT FOR ADA ACCESSIBILITY AS WELL AS PASSENGER AMENITIES WHEN APPROPRIATE. PHASE PE	ENGINEERING	FY 2020-	\$151 (L)
WAKE				FY 2020-	\$601 (STBGDA)
HF					<u>\$752</u>
	FUNDING ADDED TO FY 20 AT THE REQUEST OF CAPITAL AREA MPO				
TD-5309A	GO RALEIGH	DESIGN, RIGHT OF WAY, AND CONSTRUCTION OF UP TO 100 NEW BUS STOPS IN THE CITY OF RALEIGH. SITES WILL BE BUILT FOR ADA ACCESSIBILITY AS WELL AS PASSENGER AMENITIES WHEN APPROPRIATE. PHASE ROW	RIGHT OF WAY	FY 2020-	\$200 (FUZ)
WAKE				FY 2020-	\$50 (L)
HF					<u>\$250</u>
	FUNDING ADDED TO FY 20 AT THE REQUEST OF CAPITAL AREA MPO				
TD-5309B	GO RALEIGH	DESIGN, RIGHT OF WAY, AND CONSTRUCTION OF UP TO 100 NEW BUS STOP SIGHTS IN THE CITY OF RALEIGH. SITES WILL BE BUILT FOR ADA ACCESSIBILITY AS WELL AS PASSENGER AMENITIES WHEN APPROPRIATE. PHASE CON	CONSTRUCTION	FY 2020-	\$1,200 (STBGDA)
WAKE				FY 2020-	\$300 (L)
HF					<u>\$1,500</u>
	FUNDING ADDED TO FY 20 AT THE REQUEST OF CAPITAL AREA MPO				
TG-6804	GASTONIA TRANSIT	TRANSIT APP	CAPITAL	FY 2019-	\$50 (FUZ)
GASTON				FY 2019-	\$13 (L)
HF	FUNDING ADDED TO FY 19 AT THE REQUEST OF GASTON CLEVELAND LINCOLN AREA MPO				<u>\$63</u>

**NCDOT Board of Transportation Agenda**  
**Public Transportation Program**  
**April 2019 STIP Amendment**

					Estimates in thousands	
<u><b>ADDITION to the Transit 2018-2027 STIP</b></u>						
TG-6805	GASTONIA TRANSIT	PAYMENT KIOSK	CAPITAL	FY 2019-	\$44	(L)
GASTON HF	FUNDING ADDED TO FY 19 AT THE REQUEST OF GASTON CLEVELAND LINCOLN AREA MPO			FY 2019-	<u>\$175</u>	(FUZ)
					\$219	
TG-6806 WAKE	GO RALEIGH	ADP HARDWARE/SOFTWARE	CAPITAL	FY 2019-	\$260	(FUZ)
HF	FUNDING ADDED TO FY 19 AT THE REQUEST OF CAPITAL AREA MPO			FY 2019-	<u>\$65</u>	(L)
					\$325	
TG-6807 WAKE	GO RALEIGH	CAPITAL COST OF CONTRACTING	CAPITAL	FY 2018-	\$575	(L)
HF	FUNDING ADDED TO FY 18 AND FY 19 AT THE REQUEST OF CAPITAL AREA MPO			FY 2018-	<u>\$2,300</u>	(FUZ)
				FY 2019-	\$2,300	(FUZ)
				FY 2019-	<u>\$575</u>	(L)
					\$5,750	
TP-5160 WAKE	GO RALEIGH	ALTERNATIVES REFINEMENT AND PROJECT DEVELOPMENT	PLANNING/DESIGN	FY 2019-	\$1,360	(L)
HF	ADDED PLANNING FUNDING TO FY 2019 AND FY 2020 NOT PREVIOUSLY FUNDED AT THE REQUEST OF THE CAPITAL AREA MPO			FY 2020-	<u>\$2,956</u>	(L)
					\$4,316	
<u><b>MODIFICATION to the Transit 2018-2027 STIP</b></u>						
TA-6679 GUILFORD DIV	PIEDMONT AUTHORITY FOR REGIONAL TRANS.	EXPANSION FLEET VEHICLE -40' BUS TO EXPAND PASSENGER CAPACITY ON PART EXPRESS SYSTEM OPERATING ON ROUTE COORIDOR GREENSBORO EXPRESS.	CAPITAL	FY 2020-	\$360	(FUZ)
				FY 2020-	\$45	(L)
				FY 2020-	<u>\$45</u>	(T)
					\$450	
	MOVING FUNDS FROM FY 18 TO FY 20 IN THE AMOUNT OF \$360,000 AT THE REQUEST OF THE GREENSBORO MPO					
TO-6061 GASTON HF	GASTONIA TRANSIT	OPERATING EXPENSES	OPERATIONS	FY 2018-	\$805	(FUZ)
	FUNDING ADDED TO FY 18 EXCEEDING THE 15% THRESHOLD FOR AMENDMENT AT THE REQUEST OF GASTON CLEVELAND LINCOLN MPO			FY 2018-	<u>\$805</u>	(L)
					\$1,610	

**Item I-1A, (15) Projects, Total Federal funds \$11,773,000**

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

### **Rail 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 April 4, 2019 Board of Transportation meeting.



**NCDOT April 2019 Board of Transportation Agenda**

**Division of Bicycle and Pedestrian Transportation**

**Town/County  
Division**

**Project Description**

**Estimated  
Cost**

There will be no items presented for approval at the April 4, 2019 Board of Transportation meeting.

## NCDOT April 2019 Board of Transportation Agenda

### Aviation Program

#### Division Airport County

#### Project Description

Division 2 Kinston Regional Jetport Lenoir County	<b>Parallel Taxiway Pavement Rehabilitation (Design - 36244.39.3.4)</b> This project is to design and bid a pavement rehabilitation project for the parallel taxiway. A recently completed pavement condition inspection report has indicated the need for this project. This design will also address existing pavement grade and tie-in issues along the taxiway. [PR# 3481] *Requesting Cash Flow of \$261,000 Fiscal Year 2020 Funds.
Division 3 Duplin County Airport Duplin County	<b>Medium Intensity Approach Lighting System (Design - 36244.20.13.1)</b> This project includes design and bidding services for an approach lighting system to meet precision approach requirements for lower minimum weather conditions. [PR# 2462] *Requesting Cash Flow of \$157,500 Fiscal Year 2020 Funds
Division 7 Burlington-Alamance Regional Airport Alamance County	<b>Runway, Apron and Taxiway G Rehabilitation w/Apron Expansion (Design - 36244.16.16.1)</b> This project is for the design & bidding services for runway, apron and taxiway G pavement rehabilitation and expansion of existing terminal apron. A recently completed pavement condition inspection report has indicated the need for this project. [PR# 4171] *Requesting Cash Flow of \$690,750 Fiscal Year 2020 Funds
Division 8 Richmond County Airport Richmond County	<b>Environmental Assessment (36244.3.6.1)</b> This environmental assessment will address several upcoming projects to include land acquisition, obstruction removal and extended Runway Safety Area off the end of Runway 14. [PR# 4124] *Requesting Cash Flow of \$270,000 Fiscal Year 2020 Funds
Division 9 Davidson County Airport Davidson County	<b>Replace Glideslope System (36244.76.1.1)</b> This project will replace glideslope equipment that is outdated and can no longer be maintained. [PR# 2522] *Requesting Cash Flow of \$562,500 Fiscal Year 2020 Funds
Division 11 Mount Airy/Surry County Airport Surry County	<b>Apron Rehabilitation (Design - 36244.49.8.2)</b> This project is to rehabilitate sections of apron pavement areas that were identified in a recently completed pavement condition inspection report. [PR# 4123] *Requesting Cash Flow of \$180,000 Fiscal Year 2020 Funds

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

### **Aviation Program**

**Division  
Airport  
County**

**Project Description**

#### **ITEM I-4 SUMMARY – 6 PROJECTS – (TOTAL STATE and FEDERAL COST) \$2,121,750**

State Aid to Airports FY 20 Total Cash Flow requested: \$2,121,750

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

**NCDOT April 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>
Camden/ Currituck Cos. Div. 1 R-5717A DIVISION	WBS 50213.3.2 SR 1224 (Old Swamp Road) from 0.15 south of SR 1225 (Lily Road) to 0.25 miles north of SR 1225 (Lily Road). Initial funds are requested for construction.	\$700,000.00
Craven Co. Div. 2 U-6198 DIVISION	WBS 48658.1.1 US 17 alternate (Martin Luther King Jr. Boulevard) from US 70 to SR 1278 (Trent Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Pitt Co. Div. 2 U-6197 DIVISION	WBS 48657.1.1 SR 1711 (Worthington Road) at SR 1725 (County Home Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Brunswick Co. Div. 3 R-2633BA(L) STATEWIDE	WBS 34491.3.24 US 17 (Wilmington Bypass) from US 74/76 east of Malmo in Brunswick County to SR 1430 (Cedar Hill Road). Initial funds are requested for landscaping.	\$105,000.00
New Hanover Co. Div. 3 U-6199 DIVISION	WBS 48659.1.1 Wilmington city wide signal system. Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT April 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>
New Hanover Co. Div. 3 U-6201 DIVISION	WBS 48661.1.1 SR 1175 (Kerr Avenue) from SR 1411 (Wrightsville Avenue) to US 76 (Oleander Drive). Initial funds are requested for preliminary engineering.	\$10,000.00
New Hanover Co. Div. 3 U-6202 DIVISION	WBS 48662.1.1 SR 2048 (Gordon Road) from US 17 (Market Street) to I-40. Initial funds are requested for preliminary engineering.	\$10,000.00
Onslow Co. Div. 3 U-6200 DIVISION	WBS 48660.1.1 SR 1308 (Gum Branch Road) from Williamsburg Parkway to Indian Drive. Initial funds are requested for preliminary engineering.	\$10,000.00
Johnston Co. Div. 4 U-6203 DIVISION	WBS 48663.1.1 NC 210 from NC 50 to SR 1330 (Raleigh Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Johnston Co. Div. 4 U-6208 DIVISION	WBS 48668.1.1 New route from SR 1010 (Cleveland Road) to NC 42. Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT April 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>
Johnston Co. Div. 4 U-6216 DIVISION	WBS 48676.1.1 SR 1010 (Cleveland Road) from NC 42 to SR 1555 (Barber Mill Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Wayne Co. Div. 4 U-6204 DIVISION	WBS 48664.1.1 SR 1556 (Wayne Memorial Drive) from Country Day Road to New Hope Road. Initial funds are requested for preliminary engineering.	\$10,000.00
Wayne Co. Div. 4 U-6205 DIVISION	WBS 48665.1.1 SR 1556 (Wayne Memorial Drive) from US 70 Bypass to SR 1572 (Saulston Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Wayne Co. Div. 4 U-6206 DIVISION	WBS 48666.1.1 SR 1713 (Millers Chapel Road) from US 70 to SR 1712 (Thoroughfare Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Wayne Co. Div. 4 U-6207 DIVISION	WBS 48667.1.1 NC 581 (Bill Lane Boulevard) from Arrington Bridge Road to NC 111. Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT April 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>
Durham Co. Div. 5 U-5516 REGIONAL	WBS 43610.1.2 US 501 (Roxboro Road) at SR 1448 (Latta Road)/SR 1639 (Infinity Road) intersection in Durham. Initial funds are requested for advanced property / utility relocation studies.	\$25,000.00
Durham Co. Div. 5 U-5968 REGIONAL	WBS 45982.3.2 Upgrade ITS Signal System. Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published February 15, 2019. \$21,317,500.00 additional Federal-Aid funds. (See page M-5 for Federal funding).	\$438,000.00
Durham Co. Div. 5 U-6120 DIVISION	WBS 48604.1.1 NC 98 (Holloway Street) from SR 1938 (Junction Road) to SR 1919 (Lynn Road) in Durham. Initial funds are requested for preliminary engineering.	\$10,000.00
Granville Co. Div. 5 R-5707 REGIONAL	WBS 46379.3.1 NC 56 at US 15 and NC 50 in Creedmoor. Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published February 15, 2019. <b>This is a Cash Flow project with \$190,000.00 in SFY 19 and \$1,805,000.00 in SFY 20 and SFY 21.</b>	\$3,800,000.00
Wake Co. Div. 5 U-6217 DIVISION	WBS 48677.1.1 SR 1152 (Holly Springs Road) from SR 1010 (Ten-Ten Road) to SR 3977 (Cary Parkway). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT April 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>
Chatham Co. Div. 8 R-5825 DIVISION	WBS 47097.3.1 NC 751 at SR 1731 (O'Kelly Chapel Road). Initial funds are requested for construction.	\$541,000.00
Scotland Co. Div. 8 P-5724 DIVISION	WBS 47371.3.1 CSX rail spur for industrial access. Initial funds are requested for construction. <b>This is an Economic Development project.</b>	\$1,290,809.00
Davidson/ Forsyth Cos. Div. 9 R-4750 STATEWIDE	WBS 39889.3.2 US 29/ 52/70 Business 85 (Future I-285) from north of I-85 to just south of SR 1147, Old Salisbury Road, (South Main Street). Initial funds are requested for construction.	\$610,000.00
Davidson Co. Div. 9 U-5757 REGIONAL	WBS 54035.2.1 NC 8 (Winston Road) from 9th Street to SR 1408 (Biesecker Road) in Lexington. Initial funds are requested for full right of way and utilities. <b>This is a Cash Flow project with \$925,000.00 in SFY 19 and \$8,787,500.00 in SFY 20 and SFY 21.</b>	\$18,500,000.00
Davie Co. Div. 9 U-6187 DIVISION	WBS 48647.1.1 New route from SR 1630 (Baltimore Road) to I-40. Initial funds are requested for advanced property / utility relocation studies.	\$25,000.00



**NCDOT April 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>
Mecklenburg Co. Div. 10 U-5762 REGIONAL	WBS 50175.3.1 NC 160 (Steele Creek Road) at intersection of NC 160 (Steele Creek Road) and SR 1106 (Hamilton Road). \$1,300,000.00 has previously been approved for construction. Additional funds are requested.	\$70,000.00
Mecklenburg Co. Div. 10 U-5906 <b>BONUS ALLOCATION</b>	WBS 46451.2.1 Intersection improvements. SR 2195 (Torrence Chapel Road) and SR 5544 (West Catawba Avenue) in Corenelius. Initial funds are requested for full right of way and utilities.	\$2,000,000.00
Union Co. Div. 10 U-5703A STATEWIDE	WBS 50129.3.2 US 74 (Roosevelt Boulevard) at SR 1514 (Rocky River Road). \$1,900,000.00 has previously been approved for construction. Additional funds are requested.	\$410,000.00
Clay Co. Div. 14 R-5863 DIVISION	WBS 47516.2.1 US 64 Business from Main Street to US 64. Initial funds are requested for full right of way and utilities.	\$200,000.00
Haywood Co. Div. 14 U-5839 DIVISION	WBS 50230.2.1 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). Initial funds are requested for full right of way. This is a <b>BUILD NC BOND</b> project with a principal amount of \$3,000,000.00. Bond repayment requires \$258,000.00 of State Highway Trust funds in SFY 19 through SFY 33. This project also has \$3,200,000.00 in additional State Highway Trust Funds which is <b>cash-flowed</b> with \$160,000.00 in SFY 19 and \$3,040,000.00 in SFY 20.	\$7,070,000.00

**NCDOT April 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 50230.2.2 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). Initial funds are requested for utilities.	\$750,000.00
Henderson Co. Div. 14 U-5783 REGIONAL	WBS 44354.2.1 US 64 from SR 1180 (Blythe Street) to SR 1173 (White Pine Drive) / SR 1186 (Daniel Drive). Initial funds are requested for full right of way.	\$2,070,000.00
Jackson Co. Div. 14 R-5907 DIVISION	WBS 48524.1.1 Great Smokey Mountain Expressway from US 441 Gateway interchange to SR 1391 (West Piney Mountain Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Polk Co. Div. 14 I-4729B REGIONAL	WBS 34243.2.3 Construct improvements on NC 108 at exit 67. Initial funds are requested for full right of way and utilities.	\$1,000,000.00
Transylvania Co. Div. 14 R-5800 REGIONAL	WBS 44985.2.1 US 64/US 276 from Fortune Cove Road to US 64 Business (North Caldwell Street). Initial funds are requested for full right of way and utilities. <b>This is a Cash Flow project with \$1,400,000.00 in SFY 19 and \$4,200,000.00 in SFY 20.</b>	\$5,600,000.00

**NCDOT April 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>
Statewide M-0451 STATEWIDE	WBS 43534.1.1 Statewide Landscape Plans for STIP Construction projects. \$862,000.00 has previously been approved for preliminary engineering. Additional funds are requested. <b>This project has previously been identified as a Trust Fund Specific State Funds for Construction project.</b>	\$150,000.00

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\*\*\***Correction** and resubmission from March 7, 2019 Board Approval (Page K-9)  
As reads:

Guilford Co. Div. 7 R-4707 REGIONAL	WBS 36599.2.1 US 29 / SR 4771 (Reedy Fork Parkway) interchange improvements in Greensboro. Initial funds are requested for full right of way and utilities.	\$4,202,000.00
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\*\*\*The correction should be:

Guilford Co. Div. 7 R-4707 REGIONAL	WBS 36599.2.1 US 29 / SR 4771 (Reedy Fork Parkway) interchange improvements in Greensboro. Initial funds are requested for full right of way and utilities. This is a <b>BUILD NC BOND</b> project with a principal amount of \$15,000,000.00. Bond repayment requires \$1,287,000.00 of State Highway Trust funds in SFY 19 through SFY 33. This project also has \$3,923,000.00 in additional State Highway Trust funds in SFY 19.	\$23,228,000.00
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STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	4 PROJECTS	\$1,275,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	8 PROJECTS	\$31,503,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	23 PROJECTS	\$10,736,809.00
BONUS ALLOCATION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$2,000,000.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>36 PROJECTS</b>	<b>\$64,540,809.00</b>

**NCDOT April 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>
Division 1 Div. 1 SM-5701A	WBS 48731.3.1. Division 1. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 01-19-001C	\$10,000.00
Division 2 Div. 2 SM-5702B	WBS 48730.3.1 Division 2. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 02-19-001C	\$10,000.00
Division 3 Div. 3 SM-5703A	WBS 48729.3.1 Division 3. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 03-19-001C	\$100,000.00
Division 4 Div. 4 SM-5704D	WBS 48728.3.1 Division 4. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 04-19-001C	\$100,000.00
Johnston Co. Div. 4 SS-4904EX	WBS 48733.3.1 SR 1309 (Old Fairground Road) between the Harnett County Line and SR 1533 (Mount Pleasant Road); SR 1533 (Mount Pleasant Road) between SR 1309 (Old Fairground Road) and NC 50. Initial Spot Safety construction funds are needed for long life pavement markings installation. File 04-18-55758C	\$150,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Division 5 Div. 5 SM-5705N	WBS 47902.3.1 Division 5. Reimbursements for road improvements adjacent to schools per GS 136-18(29a). \$1,200,000.00 in Spot Mobility construction funds has previously been approved. Additional funds are needed due to additional reimbursements. File 05-18-001-1	\$2,000,000.00
Durham/ Durham Co. Div. 5 SM-5705AA	WBS 48726.3.1 SR 1317 (Morreene Road) and US 15-501 southbound ramp. Initial Spot Mobility construction funds are needed for turn lane construction. File 05-18-54620C	\$100,000.00
Durham Co. Div. 5 SM-5705AC	WBS 48725.2.1 SR 1800 (Cheek Road) at SR 1825 (Clayton Road). Initial Spot Mobility right of way and utilities funds are needed for traffic signal installation. File 05-19-56010R	\$2,000.00
Durham Co. Div. 5 SM-5705AC	WBS 48725.1.1 SR 1800 (Cheek Road) at SR 1825 (Clayton Road). Initial Spot Mobility preliminary engineering funds are needed for traffic signal installation. File 05-19-56010P	\$5,000.00
Durham Co. Div. 5 SM-5705AC	WBS 48725.3.1 SR 1800 (Cheek Road) at SR 1825 (Clayton Road). Initial Spot Mobility construction funds are needed for traffic signal installation. File 05-19-56010C	\$60,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 SM-5705AB	WBS 48727.3.1 NC 55 at SR 1172 (Old Smithfield Road). Initial Spot Mobility construction funds are needed for traffic signal installation. File 05-19-55947C	\$250,000.00
Wake Co. Div. 5 SM-5705AB	WBS 48727.1.1. NC 55 at SR 1172 (Old Smithfield Road). Initial Spot Mobility preliminary engineering funds are needed for traffic signal installation. File 05-19-55947P	\$5,000.00
Wake Co. Div. 5 SM-5705AD	WBS 48724.1.1 NC 98 at SR 1922 (Camp Kanata Road). Initial Spot Mobility preliminary engineering funds are needed for turn lane construction and traffic signal installation. This project is being set up as a 20% State funds companion match to allocated Federal LAPP funds for the location. File 05-14-9208P	\$30,000.00
Wake Co. Div. 5 SM-5705AD	WBS 48724.3.1 NC 98 at SR 1922 (Camp Kanata Road). Initial Spot Mobility construction funds are needed for turn lane construction and traffic signal installation. This project is being set up as a 20% State funds companion match to allocated Federal LAPP funds for the location. File 05-14-9208C	\$210,000.00
Wake Co. Div. 5 SM-5705AD	WBS 48724.2.1 NC 98 at SR 1922 (Camp Kanata Road). Initial Spot Mobility right of way and utilities funds are needed for turn lane construction and traffic signal installation. This project is being set up as a 20% State funds companion match to allocated Federal LAPP funds for the location. File 05-14-9208R	\$5,000.00

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Fayetteville/ Cumberland Co. Div. 6 SM-5706E	WBS 48723.2.1 SR 1600 (McArthur Road) at Walker Street/Lake Stone Place. Initial Spot Mobility right of way and utilities funds are needed for turn lane construction and traffic signal installation. File 06-17-47653R	\$75,000.00
Fayetteville/ Cumberland Co. Div. 6 SM-5706E	WBS 48723.3.1 SR 1600 (McArthur Road) at Walker Street/Lake Stone Place. Initial Spot Mobility construction funds are needed for turn lane construction and traffic signal installation. File 06-17-47653C	\$575,000.00
Fayetteville/ Cumberland Co. Div. 6 SM-5706E	WBS 48723.1.1 SR 1600 (McArthur Road) at Walker Street/Lake Stone Place. Initial Spot Mobility preliminary engineering funds are needed for turn lane construction and traffic signal installation. File 06-17-47653P	\$50,000.00
Division 6 Div. 6 SM-5706F	WBS 48722.3.1 Division 6. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 06-19-001C	\$100,000.00
Division 7 Div. 7 SM-5707E	WBS 48721.3.1 Division 7. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 07-19-001C	\$200,000.00



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Pinehurst/ Moore Co. Div. 8 SM-5708C	WBS 48720.3.1 US 15-501 at Memorial Drive/Pinehurst Trace Drive. Initial Spot Mobility construction funds are needed for turn lane construction and traffic signal revisions. File 08-18-53881C	\$391,000.00
Pinehurst/ Moore Co. Div. 8 SM-5708C	WBS 48720.1.1 US 15-501 at Memorial Drive/Pinehurst Trace Drive. Initial Spot Mobility preliminary engineering funds are needed for turn lane construction and traffic signal revisions. File 08-18-53881P	\$33,000.00
Pinehurst/ Moore Co. Div. 8 SM-5708C	WBS 48720.2.1 US 15-501 at Memorial Drive/Pinehurst Trace Drive. Initial Spot Mobility right of way and utilities funds are needed for turn lane construction and traffic signal revisions. File 08-18-53881R	\$60,000.00
Pinehurst/ Moore Co. Div. 8 SM-5708D	WBS 48719.2.1 US 15-501 at SR 1208 (Page Road). Initial Spot Mobility right of way and utilities funds are needed for realignment, turn lane construction, and traffic signal installation. File 08-18-53882R	\$100,000.00
Pinehurst/ Moore Co. Div. 8 SM-5708D	WBS 48719.3.1 US 15-501 at SR 1208 (Page Road). Initial Spot Mobility construction funds are needed for realignment, turn lane construction, and traffic signal installation. File 08-18-53882C	\$583,000.00

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Pinehurst/ Moore Co. Div. 8 SM-5708D	WBS 48719.1.1 US 15-501 at SR 1208 (Page Road). Initial Spot Mobility preliminary engineering funds are needed for realignment, turn lane construction, and traffic signal installation. File 08-18-53882P	\$67,000.00
Division 10 Div. 10 SM-5710K	WBS 48717.3.1 Division 10. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 10-19-001C	\$500,000.00
Division 11 Div. 11 SM-5711A	WBS 48716.3.1 Division 11. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 11-19-001C	\$10,000.00
Division 12 Div. 12 SM-5712G	WBS 48714.3.1 Division 12. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 12-19-001C	\$300,000.00
Gastonia/ Gaston Co. Div. 12 SM-5712F	WBS 48715.3.1 US 29 -74 (E Franklin Boulevard) and SR 2200 (Cox Road/Armstrong Park Road). Initial Spot Mobility construction funds are needed for intersection and traffic signal revisions. File 12-18-218C	\$75,000.00

**NCDOT April 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Gastonia/ Gaston Co. Div. 12 SM-5712F	WBS 48715.1.1 US 29 -74 (E Franklin Boulevard) and SR 2200 (Cox Road/Armstrong Park Road). Initial Spot Mobility preliminary engineering funds are needed for intersection and traffic signal revisions. File 12-18-218P	\$8,000.00
Gastonia/ Gaston Co. Div. 12 SM-5712F	WBS 48715.2.1 US 29 -74 (E Franklin Boulevard) and SR 2200 (Cox Road/Armstrong Park Road). Initial Spot Mobility right of way and utilities funds are needed for intersection and traffic signal revisions. File 12-18-218R	\$2,000.00
Division 13 Div. 13 SM-5713H	WBS 48713.3.1 Division 13. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 13-19-001C	\$500,000.00
Madison Co. Div. 13 SS-4913CZ	WBS 48732.3.1 SR 1143 (Upper Brush Creek Road) from SR 1381 to Bridge #148 near Walnut. Initial Spot Safety construction funds are needed for guardrail installation. File 13-17-211C	\$110,000.00
Division 14 Div. 14 SM-5714A	WBS 48712.3.1 Division 14. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per GS 136-18(29a). File 14-19-001C	\$10,000.00
<b>ITEM L SUMMARY</b>	<b>35 PROJECTS</b>	<b>\$6,786,000.00</b>

Board Member Zimmer abstained from voting on all projects for item: M-2 – Project U-5534T

Board Member Lathrop abstained from voting on the following project item: M-14 – Project W5710AJ

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

**Division 1**

**Rural**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Bertie Co. R-5781AC DIVISION	44911.3.15, TAP-0110(032) 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.	\$145,000.00 Cost \$116,000.00 Fed. \$29,000.00 State
Chowan Co. R-5781CD DIVISION	44911.3.13, TAP-0110(030) 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.	\$375,000.00 Cost \$300,000.00 Fed. \$75,000.00 State
Currituck Co. R-5781DC DIVISION	44911.3.18, TAP-0110(035) 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.	\$850,000.00 Cost \$680,000.00 Fed. \$170,000.00 State
Dare Co. R-5781DD DIVISION	44911.3.19, TAP-0110(036) 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.	\$155,000.00 Cost \$124,000.00 Fed. \$31,000.00 State
Martin Co. R-5781BE DIVISION	44911.3.17, TAP-0110(034) 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.	\$225,000.00 Cost \$180,000.00 Fed. \$45,000.00 State
Pasquotank Co. R-5781CE DIVISION	44911.3.14, TAP-0110(031) 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.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
Washington Co. R-5781BD DIVISION	44911.3.16, TAP-0110(033) 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.	\$280,000.00 Cost \$224,000.00 Fed. \$56,000.00 State

**NCDOT April 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-5534T DIVISION	44096.3.22, STBGDA-0396(003) Wilmington Signal Modifications to accommodate pre-emption for emergency vehicles at 27 intersections and install Global Positioning System (GPS) technology on existing fire safety equipment. Funds are needed for construction to upgrade traffic signals and fire service equipment.	\$539,378.00 Cost \$431,502.00 Fed. \$107,876.00 Local

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

**Division 4**

**Enhancement**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Wayne Co. ER-5600DF STATEWIDE	46305.3.64, STP-0040(095) US 70 Turf Renovation Project in Wayne County. Funds are needed for Landscaping.	\$60,000.00 \$48,000.00 \$12,000.00	Cost Fed. State

**Bridge**

Wayne Co. B-4844 DIVISION	38614.2.2, BRZ-1958(005) Replace Bridge #117 over the Northeast Cape Fear River on SR 1958 / SR 1502. Funds are needed for full right of way and utilities.	\$120,000.00 \$96,000.00 \$24,000.00	Cost Fed. State
Wilson Co. B-6000 DIVISION	48195.3.1, BRZ-1400(011) Replace Bridge #96 over tributary to Town Creek on SR 1400. Funds are needed for construction to replace bridge.	\$550,000.00 \$440,000.00 \$110,000.00	Cost Fed. State

**Safety**

Nash Co. W-5704D REGIONAL	44850.3.4, HSIP-0097(045) NC 97 from NC 231 to NC 58 in Nash County. Funds are needed for construction to install pavement markings and snowplowable markers.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State
Nash Co. W-5704L REGIONAL	44850.3.12, HSIP-0301(045) US 301 at SR 1729 (Cooley Road). Funds are needed for construction to install concrete median islands and revise pavement markings.	\$75,000.00 \$67,500.00 \$7,500.00	Cost Fed. State
Nash Co. W-5704N REGIONAL	44850.3.14, HSIP-0097(044) NC 97 at NC 581 in Nash County. Funds are needed for construction to realign intersection and improve skew angle.	\$98,000.00 \$88,200.00 \$9,800.00	Cost Fed. State

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

**Division 4 (Continued)**

**Rural**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Edgecombe Co. R-5784DE DIVISION	44914.3.13, TAP-0441(015) 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.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
Wilson Co. R-5784DA DIVISION	44914.3.9, TAP-0445(007) 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.	\$205,000.00 Cost \$164,000.00 Fed. \$41,000.00 State

**NCDOT April 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>
Durham Co. C-5605E EXEMPT	43725.1.9, CMAQ-0505(086) Durham Bike Lane Striping Project. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$12,000.00 Fed. \$3,000.00 Local
Wake Co. C-5604IB EXEMPT	43714.3.5, CMAQ-0503(033) White Oak Greenway Improvements from Davis Drive at Park Village Drive to MacArthur Drive in Cary. \$4,530,000.00 has previously been approved for construction. Additional funds are needed as requested to construct greenway.	\$3,700,000.00 Cost \$1,850,000.00 Fed. \$1,850,000.00 Local

**Urban**

Durham/ Orange Co. EB-4707A DIVISION	38664.3.3, STPDA-0537(002) SR 1838 / SR 2220 (Old Durham Road / Chapel Hill Road) from US 15 / US 501 in Orange County to SR 1113 (Pope Road) in Durham County. \$2,844,000.00 has previously been approved for construction. Additional funds are needed based on the estimate from the 12-Month Tentative Letting List published February 15, 2019.	\$2,056,000.00 Cost \$1,644,800.00 Fed. \$411,200.00 Local
Durham Co. U-5968 REGIONAL	45982.3.1, STBG-0505(084) Durham ITS Signal System Upgrades. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published February 15, 2019. This is a three-year cashflow project with \$5,685,000.00 of Federal funds in FFY19, \$5,685,000.00 in FFY20, and \$5,684,000.00 in FFY21; and State Match funds of \$1,421,167.00 in FFY19, \$1,421,167.00 in FFY20, and \$1,421,166.00 in FFY21. This project also includes \$438,000.00 of additional Strategic Transportation Investment (STI) funds (see page K-4 for State STI funding).	\$21,317,500.00 Cost \$17,054,000.00 Fed. \$4,263,500.00 State



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

**Division 5 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham Co. SR-5001C DIVISION	40924.3.4, SRS-0505(028) Safe Routes to School Project at Fayetteville Street Elementary School in Durham. \$249,000.00 has previously been approved for construction. Additional funds are needed as requested to complete sidewalks and safety improvements.	\$251,000.00 Cost \$200,800.00 Fed. \$50,200.00 Local
Durham Co. W-5705T DIVISION	44851.1.20, HSIP-1815(003) SR 1815 / SR 1917 (South Mineral Springs Road) at SR 1815 (Pleasant Drive). \$135,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$70,000.00 Cost \$63,000.00 Fed. \$7,000.00 State
Wake Co. W-5601HP DIVISION	50138.2.225, HSIP-1375(006) SR 1375 (Lake Wheeler Road) at SR 1390 (Optimist Farm Road) / SR 1503 (Donnybrook Road). Funds are needed for full right of way and utilities.	\$200,000.00 Cost \$180,000.00 Fed. \$20,000.00 State
Wake Co. W-5705P DIVISION	44851.3.16, HSIP-3977(002) SR 3977 (Cary Parkway) at Kilarney Drive and Two Creeks Road in Cary. Funds are needed for construction to install traffic signals.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Wake Co. W-5705Q REGIONAL	44851.3.17, HSIP-0401(291) US 401 at Fox Road (southern intersection) in Raleigh. Funds are needed for construction to install traffic signals.	\$200,000.00 Cost \$180,000.00 Fed. \$20,000.00 State
Wake Co. W-5705R DIVISION	44851.3.18, HSIP-2012(003) SR 2012 (Litchford Road) at Hunting Ridge Road in Raleigh. Funds are needed for construction to install traffic signals.	\$130,000.00 Cost \$117,000.00 Fed. \$13,000.00 State

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

**Division 5 (Continued)**

**Rural**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. R-2828 STATEWIDE	35516.1.TA1, STP-0540(027) Future NC 540 – Southern Wake Freeway / Triangle Expressway Southeast Extension (Raleigh Outer Loop) from east of US 401 to I-40. \$4,643,283.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. This project has previously been identified as a Trust Fund Urban Loop project.	\$30,000,000.00 Cost \$24,000,000.00 Fed. \$6,000,000.00 State

**Bicycle and Pedestrian**

Durham Co. EB-5514 DIVISION	50030.3.1, STPEB-0751(026) University Drive Bike Lane and Sidewalk Improvement Project along NC 751 / SR 1183 (University Drive) / SR 2220 (Chapel Hill Road) from SR 1116 (Garrett Road) to SR 1158 (Cornwallis Road) in Durham. \$1,015,000.00 has previously been approved for construction. Additional funds are needed as requested to complete pedestrian improvements.	\$905,612.00 Cost \$724,489.00 Fed. \$181,123.00 State
Durham Co. EB-5837 DIVISION	47267.1.1, TAP-1158(012) Third Fork Creek Trail from Southern Boundaries Park to the American Tobacco Trail in Durham. \$369,737.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$196,897.00 Cost \$157,517.00 Fed. \$39,380.00 Local

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

**Division 6**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Robeson Co. W-5706T DIVISION	44852.3.20, HSIP-1339(007) SR 1339 (Deep Branch Road / Preston Road) from NC 711 to SR 1338 (Arthur Road). Funds are needed for construction to install rumble strips and pavement markings.	\$877,000.00 Cost \$789,300.00 Fed. \$87,700.00 State
Bladen Co. W-5706C REGIONAL	44852.3.3, HSIP-0041(110) NC 41 at NC 410 near Duplin in Bladen County. Funds are needed for construction to install roundabout.	\$2,000,000.00 Cost \$1,800,000.00 Fed. \$200,000.00 State

**Rail Program**

Cumberland Co. Z-5800FA DIVISION	44806.3.3, RR-0620(060) Railway-Highway Grade Crossing Safety project at Dobson Drive and Norfolk Southern Crossing #904 420D in Fayetteville. Funds are needed for construction to revise flashers and gates.	\$330,000.00 Cost \$297,000.00 Fed. \$33,000.00 State
Robeson Co. Z-5700FF DIVISION	44803.3.17, RR-1339(005) Railway-Highway Grade Crossing Safety Project at SR 1339 (Deep Branch Road) and CSX Crossing #630 985J near Pembroke. Funds are needed for construction to revise flashers and gates.	\$468,000.00 Cost \$421,200.00 Fed. \$46,800.00 State

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

**Division 7**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. C-5600E EXEMPT	50061.3.6, CMAQ-0708(080) I-85 Traffic Management System Extension Project. Funds are needed for construction to install traffic management and communication systems, including Closed Circuit Television (CCTV) and Dynamic Message Signs (DMS).	\$1,661,080.00 Cost \$1,328,864.00 Fed. \$332,216.00 State
Orange Co. C-5650 DIVISION	47643.1.1, CMAQ-1919(0002) SR 1919 (Smith Level Road / South Greensboro Street) from Public Works Drive to the north end of Old Pittsboro Road in Carrboro. Funds are needed for preliminary engineering.	\$105,000.00 Cost \$84,000.00 Fed. \$21,000.00 Local

**Urban**

Guilford Co. U-2412B(L) DIVISION	34802.3.6, STP-1486(005) SR 1486 (Greensboro Road) / SR 1421 (High Point Road) Widening from SR 4228 (Vickrey Chapel Road) to SR 1424 (Hilltop Road). Funds are needed for Landscaping.	\$170,034.00 Cost \$136,027.00 Fed. \$34,007.00 State
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**Safety**

Divisionwide W-5707L DIVISION	44853.3.12, HSIP-0708(111) Various Secondary Routes in Division 7. Funds are needed for construction to install pavement markings.	\$2,405,000.00 Cost \$2,164,500.00 Fed. \$240,500.00 State
Rockingham Co. W-5707G REGIONAL	44853.3.7, HSIP-0158(067) US 158 at SR 2351 (Witty Road) west of Reidsville. Funds are needed for construction to install traffic signals.	\$92,000.00 Cost \$82,800.00 Fed. \$9,200.00 State

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

**Division 7 (Continued)**

**Bicycle and Pedestrian**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. EB-5876 DIVISION	47271.3.1, TAP-1117(017) Holden Road Sidewalk Improvement Project from SR 4121 (West Gate City Boulevard) to the existing sidewalk north of Isler Street in Greensboro. Funds are needed for construction to install sidewalks.	\$393,000.00 Cost \$314,400.00 Fed. \$78,600.00 Local
Rockingham Co. EB-5888 DIVISION	47284.1.1, TAP-1747(002) Stadium Drive Sidewalks - SR 1747 (East Stadium Drive) from SR 1962 (North Pierce Street) to Freedom Park in Eden. Funds are needed for preliminary engineering.	\$123,500.00 Cost \$98,800.00 Fed. \$24,700.00 Local

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

**Division 8**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Hoke Co. W-5708D REGIONAL	44854.3.4, HSIP-0401(286) US 401 Business at SR 1406 (Rockfish Road). Funds are needed for construction to install center turn lane and add traffic signal.	\$528,000.00 Cost \$475,200.00 Fed. \$52,800.00 State

**Bicycle and Pedestrian**

Lee Co. EB-5870 DIVISION	47326.1.1, TAP-1579(001) Broadway Sidewalk Project - SR 1579 (South Main Street) from SR 1531 (Mansfield Drive) to the end of the existing sidewalks. Funds are needed for preliminary engineering.	\$10,300.00 Cost \$8,240.00 Fed. \$2,060.00 Local
Montgomery Co. EB-5899 DIVISION	47257.1.1, TAP-0731(007) Mount Gilead Sidewalk Project - NC 731 (East Allenton Street) from the existing sidewalk to Stanbeck Park. Funds are needed for preliminary engineering.	\$13,500.00 Cost \$10,800.00 Fed. \$2,700.00 Local

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

**Division 9**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Rowan Co. I-5858 STATEWIDE	53061.3.GV1, NHPP-0085(019) I-85 from US 29 / US 601 in China Grove to US 601 (Jake Alexander Boulevard) in Salisbury, and from south of US 52 in Salisbury to north of SR 2120 (Long Ferry Road) in Spencer. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published February 15, 2019. This is a <b>GARVEE BOND</b> project with \$944,000 of Federal Funds in FFY19 through FFY33, and \$3,666,667 of State Match funds in FFY19. This project also includes \$230,000 of Highway Safety Improvement Program (HSIP) funds (including match) in FFY19, and \$476,000 of National Highway Performance Program (NHPP) funds (including match) in FFY19.	\$15,372,667.00 Cost \$11,587,800.00 Fed. \$3,784,867.00 State

**Rail Program**

Forsyth Co. Z-5700IH DIVISION	44803.3.33, RR-2151(001) Railway-Highway Grade Crossing Safety Project at SR 2151 (Woodland Trail) and Norfolk Southern Crossing #722 071R in Kernersville. Funds are needed for construction to revise flashers and gates.	\$315,000.00 Cost \$283,500.00 Fed. \$31,500.00 State
Forsyth Co. Z-5700II DIVISION	44803.3.34, RR-3000(007) Railway-Highway Grade Crossing Safety Project at SR 3000 (Dock Davis Road) and Norfolk Southern Crossing #721 515D near Clemmons. Funds are needed for construction to revise flashers and gates.	\$334,500.00 Cost \$301,050.00 Fed. \$33,450.00 State

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

**Division 9 (Continued)**

**Bicycle and Pedestrian**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Forsyth Co. EB-4020C DIVISION	33974.3.3, STPEB-0918(059) Brushy Fork Creek Greenway Extension from the existing greenway near Lowery Street to Reynolds Road near the Salem Creek Greenway in Winston-Salem. \$290,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$35,000.00 Cost \$28,000.00 Fed. \$7,000.00 Local
Forsyth Co. U-4741PE DIVISION	39745.1.F30, STPDA-0926(008) Clemmons Pedestrian Improvement Project along US 158 from SR 1103 (Middlebrook Drive) to Asbury Place Drive and the Yadkin River Greenway Connector in Clemmons. \$185,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$44,000.00 Cost \$35,200.00 Fed. \$8,800.00 Local



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

**Division 10**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mecklenburg Co. U-6105 DIVISION	48173.1.1, STBGDA-2415(001) SR 2415 (Bailey Road) from Poole Place Drive to US 21 (Statesville Road) in Cornelius. Funds are needed for preliminary engineering.	\$490,000.00 Cost \$245,000.00 Fed. \$245,000.00 Local

**Safety**

Anson Co. W-5710AJ STATEWIDE	44856.1.38, HSIP-0074(224) US 74 and SR 1733 (Camden Street) in Lilesville. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Mecklenburg Co. W-5601FK DIVISION	50138.3.168, HSIP-2802(001) SR 2802 (Rocky River Road) at SR 2826 (Hood Road) and SR 2827 (Back Creek Church Road). Funds are needed for construction to revise intersections and install turn lanes.	\$1,046,165.00 Cost \$941,548.00 Fed. \$104,617.00 State
Mecklenburg Co. W-5710AK REGIONAL	44856.1.39, HSIP-0016(065) NC 16 (Brookshire Boulevard) at SR 2006 (Old Plank Road) and at SR 2008 (Pleasant Grove Road) in Charlotte. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
Union Co. W-5601AC REGIONAL	50138.2.30, HSIP-0075(04) NC 75 (Waxhaw Highway) at SR 1007 (Rocky River Road) / SR 1150 (Old Waxhaw Monroe Road) near Monroe. \$200,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Union Co. W-5601AC REGIONAL	50138.3.30, HSIP-0075(004) NC 75 (Waxhaw Highway) at SR 1007 (Rocky River Road) / SR 1150 (Old Waxhaw Monroe Road) near Monroe. \$1,166,000.00 has previously been approved for construction. Additional funds are needed as requested to install roundabout.	\$142,000.00 Cost \$127,800.00 Fed. \$14,200.00 State

**NCDOT April 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>
Union Co. W-5710AD DIVISION	44856.2.30, HSIP-1005(046) SR 1005 (Landsford Road) and SR 1937 (Old Pageland Marshville Road). Funds are needed for full right of way and utilities.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
Union Co. W-5710AL DIVISION	44856.1.40, HSIP-1751(006) SR 1751 (Monroe Ansonville Road) and SR 1758 (Austin Chaney Road) near Wingate. Funds are needed for preliminary engineering.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
Union Co. W-5710AM DIVISION	44856.1.41, HSIP-1001(091) SR 1001 (Sikes Mill Road) and SR 1617 (Tom Boyd Road) in Unionville. Funds are needed for preliminary engineering.	\$85,000.00 Cost \$76,500.00 Fed. \$8,500.00 State

**Bicycle and Pedestrian**

Mecklenburg Co. EB-5775 DIVISION	46417.3.1, STPDA-1001(084) South Prong of the Rocky River Greenway from South Street to Zion Street in Cornelius. \$1,050,000.00 has previously been approved for construction. Additional funds are needed as requested to construct greenway.	\$785,000.00 Cost \$628,000.00 Fed. \$157,000.00 Local
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**NCDOT April 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 11**

**National Highway**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Surry Co.	47998.3.1, NHP-0074(222)	\$1,000,000.00 Cost
I-6050	Interchange and ramp improvements at the I-74 and I-77	\$800,000.00 Fed.
STATEWIDE	interchange in Surry County. Funds are needed for construction to revise pavement markings.	\$200,000.00 State

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

**Division 12**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cleveland Co. W-5712A REGIONAL	44848.3.1, HSIP-01480(006) NC 180 (South Post Road) at SR 2202 (Beam Road / Joes Lake Road). Funds are needed for construction to install roundabout.	\$1,050,000.00 Cost \$945,000.00 Fed. \$105,000.00 State
Lincoln Co. W-5601Q REGIONAL	50138.1.FR18, HSIP-0016(060) NC 16 Business at SR 1394 (North Pilot Knob Road) and SR 1393 (Hagers Ferry Road) at SR 1394 (North Pilot Knob Road). \$181,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$950,000.00 Cost \$855,000.00 Fed. \$95,000.00 State

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

**Division 13**

**Enhancement**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Burke Co.	46305.3.63, STP-0040(094)	\$213,000.00 Cost
ER-5600MC	I-40 at South Sterling Street (Exit 105) in Burke County.	\$170,400.00 Fed.
STATEWIDE	Funds are needed for Landscaping.	\$42,600.00 State

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

**Division 14**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Swain Co. Z-5700NA DIVISION	44803.3.18, RR-1180(003) Railway-Highway Grade Crossing Safety Project at SR 1180 (Noc Way) and CXS Crossing #720 164D near Almond. Funds are needed for construction to install flashers and bells.	\$201,000.00 Cost \$180,900.00 Fed. \$20,100.00 State

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

**Statewide**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide C-5536BA EXEMPT	51006.1.3, CMAQ-00SS(037) Grants to Replace Aging Diesel Engines (GRADE) Subaward to the Mecklenburg County Land Use and Environmental Services Agency (LUESA) and Al Baucom LLC. Funds are needed for Heavy Duty Diesel Vehicle (HDDV) Replacements.	\$447,000.00 Cost \$111,750.00 Fed. \$335,250.00 Local
Statewide C-5536BB EXEMPT	51006.1.4, CMAQ-00SS(038) Grants to Replace Aging Diesel Engines (GRADE) Subaward to the Mecklenburg County Land Use and Environmental Services Agency (LUESA) and Party Reflections. Funds are needed for Heavy Duty Diesel Vehicle (HDDV) Replacements.	\$179,788.00 Cost \$44,947.00 Fed. \$134,841.00 Local
Statewide C-5536BD EXEMPT	51006.1.6, CMAQ-00SS(040) Grants to Replace Aging Diesel Engines (GRADE) Subaward to the Mecklenburg County Land Use and Environmental Services Agency (LUESA) and Sanders Utility Construction. Funds are needed for Heavy Duty Diesel Vehicle (HDDV) Replacements.	\$170,500.00 Cost \$42,625.00 Fed. \$127,875.00 Local
Statewide C-5536BF EXEMPT	51006.1.8, CMAQ-00SS(042) Grants to Replace Aging Diesel Engines (GRADE) Subaward to the Mecklenburg County Land Use and Environmental Services Agency (LUESA) and Tarpon Construction Inc. Funds are needed for Heavy Duty Diesel Vehicle (HDDV) Replacements.	\$71,500.00 Cost \$17,875.00 Fed. \$53,625.00 Local
Statewide C-5536BG EXEMPT	51006.1.9, CMAQ-00SS(043) Grants to Replace Aging Diesel Engines (GRADE) Subaward to the Mecklenburg County Land Use and Environmental Services Agency (LUESA) and LUESA Solid Waste. Funds are needed for Heavy Duty Diesel Vehicle (HDDV) Replacements.	\$236,032.00 Cost \$59,008.00 Fed. \$177,024.00 Local
Statewide C-5536BH EXEMPT	51006.1.10, CMAQ-00SS(044) Grants to Replace Aging Diesel Engines (GRADE) Subaward to the Mecklenburg County Land Use and Environmental Services Agency (LUESA) and Concrete and Materials Placement LLC. Funds are needed for Heavy Duty Diesel Vehicle (HDDV) Replacements.	\$246,776.00 Cost \$61,694.00 Fed. \$185,082.00 Local

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

**Division 15 (Continued)**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide C-5536BI EXEMPT	51006.1.11, CMAQ-00SS(045) Grants to Replace Aging Diesel Engines (GRADE) Subaward to the Mecklenburg County Land Use and Environmental Services Agency (LUESA) and Heartwood Tree Service LLC. Funds are needed for Heavy Duty Diesel Vehicle (HDDV) Replacements.	\$182,804.00 Cost \$45,701.00 Fed. \$137,103.00 Local
Statewide C-5536BJ EXEMPT	51006.1.12, CMAQ-00SS(046) Grants to Replace Aging Diesel Engines (GRADE) Subaward to the Mecklenburg County Land Use and Environmental Services Agency (LUESA) and City of Charlotte Landscape Division. Funds are needed for Heavy Duty Diesel Vehicle (HDDV) Replacements.	\$79,348.00 Cost \$19,837.00 Fed. \$59,511.00 Local
Statewide C-5600T STATEWIDE	50061.3.19, CMAQ-00SS(047) Traffic Incident Management (TIM) Training Track. Funds are needed for construction for the Highway Patrol Training Track.	\$2,300,000.00 Cost \$1,840,000.00 Fed. \$460,000.00 State

**Planning and Research**

Statewide M-0426G EXEMPT	45122.1.9, PDT-00SS(054) 2019 Legacy Leadership Program - Professional development training for NCDOT employees. Funds are needed for training and implementation.	\$1,692,000.00 Cost \$1,692,000.00 Fed.
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**Local Technical Assistance Program**

Statewide NO ID STATEWIDE	47520.1.9, LTAP-FY19(001) Local Technical Assistance Program (LTAP). Funds are needed for FY 2019 program implementation to continue training and education services.	\$300,000.00 Cost \$150,000.00 Fed. \$150,000.00 Local
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**NCDOT April 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 15 (Continued)**

**Bicycle and Pedestrian**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide	55062.1.11, STBGEB-00SS(053)	\$200,000.00 Cost
EB-5542H	"Watch for Me NC" 2019 Bicycle and Pedestrian Public	\$160,000.00 Fed.
STATEWIDE	Engagement and Enforcement program. Funds are needed to purchase training materials.	\$40,000.00 State

Board Member Zimmer abstained from voting on all projects for items: Project U-5785; Project U-5870; Project U-6016  
Board Member Lathrop abstained from voting on the following project items: Project W-5710DIV; Project W-5710REG;  
Project W-5710SW

## REVISIONS TO THE 2018-2027 STIP

### HIGHWAY PROGRAM

#### STIP ADDITIONS

##### **DIVISION 6**

* U-5798A CUMBERLAND <b>PROJ.CATEGORY</b> DIVISION	FROM STONEY POINT ROAD (SR 1112) TO US 401 (RAEFORD ROAD). WIDEN TO MULTI-LANES AND REPLACE BRIDGE 250075 OVER LITTLE ROCKFISH CREEK. DESIGN BUILD PROJECT. <u><b>PROJECT SEGMENT ADDED AT REQUEST OF DIVISION TO ADDRESS BRIDGE REPLACEMENT NEED.</b></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 FY 2020 FY 2020 -	\$325,000 \$300,000 <u>\$13,900,000</u>	(T) (T) (T)
				\$14,525,000	

##### **DIVISION 10**

* I-5838 MECKLENBURG <b>PROJ.CATEGORY</b> STATEWIDE	I-85, REHABILITATE BRIDGES 590203 (I-85 NB) AND 590204 (I-85 SB) OVER SEABOARD COASTLINE RAILROAD. <u><b>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF DIVISION.</b></u>	CONSTRUCTION	FY 2020	<u>\$900,000</u>	(NHPIM)
				\$900,000	

##### **DIVISION 12**

* B-6051 GASTON <b>PROJ.CATEGORY</b> STATEWIDE	US 29 / US 74, REPLACE BRIDGE 350091 OVER CATAWBA RIVER <u><b>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - FY 2022 -	\$4,000,000 <u>\$40,000,000</u>	(HFB) (HFB)
				\$44,000,000	

* EB-5911A CATAWBA <b>PROJ.CATEGORY</b> DIVISION	OLD LENOIR ROAD MULTI-USE PATH, 9TH STREET NW TO 12TH AVENUE NW (GEITNER ROAD). CONSTRUCT MULTI-USE PATH. <u><b>ADD PRELIMINARY ENGINEERING IN FY 19 AND RIGHT- OF-WAY IN FY 20 NOT PREVIOUSLY PROGRAMMED.</b></u>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2020 - FY 2020 - FY 2020 -	\$528,000 \$132,000 \$352,000 \$88,000 <u>\$3,520,000</u> \$880,000	(TAANY) (L) (TAANY) (L) (TAANY) (L)
				\$5,500,000	

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 1**

* W-5701DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
MARTIN	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
HYDE	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>				
BERTIE	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>			\$210,000	
NORTHAMPTON	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
PASQUOTANK					
HERTFORD					
CURRITUCK					
GATES					
DARE					
CAMDEN					
WASHINGTON					
TYRRELL					
CHOWAN					
PERQUIMANS					
<b>PROJ.CATEGORY</b>					
DIVISION					

* W-5701REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
WASHINGTON	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
NORTHAMPTON	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>				
TYRRELL	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>			\$210,000	
CHOWAN	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
MARTIN					
CURRITUCK					
BERTIE					
PASQUOTANK					
HYDE					
HERTFORD					
GATES					
DARE					
CAMDEN					
PERQUIMANS					
<b>PROJ.CATEGORY</b>					
REGIONAL					

**REVISIONS TO THE 2018-2027 STIP  
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**DIVISION 1**

<p>* W-5701SW BERTIE CURRITUCK CHOWAN DARE GATES HERTFORD HYDE NORTHAMPTON PASQUOTANK PERQUIMANS TYRRELL WASHINGTON MARTIN CAMDEN <b>PROJ.CATEGORY</b> STATEWIDE</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2019 - \$40,000 (HSIP) FY 2019 - <u>\$240,000</u> (HSIP) \$280,000</p>
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**DIVISION 2**

<p>* B-4607 PITT <b>PROJ.CATEGORY</b> DIVISION</p>	<p>SR 1923 (GARDENVILLE ROAD), REPLACE BRIDGE 730043 OVER SWIFT CREEK. <u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.</b></u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2020 - \$260,000 (BGOFF) FY 2021 - <u>\$2,598,000</u> (BGOFF) \$2,858,000</p>
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<p>U-3431 CRAVEN <b>PROJ.CATEGORY</b> DIVISION</p>	<p>SR 1763 (MILLER BOULEVARD), SR 1756 (LAKE ROAD) TO OUTER BANKS DRIVE. WIDEN TO MULTI-LANES. <u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 20 TO FY 21 AND CONSTRUCTION FROM FY 22 TO FY 24.</b></u></p>	<p>RIGHT-OF-WAY  UTILITIES  CONSTRUCTION</p>	<p>FY 2021 - \$2,117,000 (T) FY 2022 - \$6,349,000 (T) FY 2021 - \$508,000 (T) FY 2022 - \$508,000 (T) FY 2024 - \$1,278,000 (T) FY 2025 - \$8,094,000 (T) FY 2026 - \$8,094,000 (T) FY 2027 - <u>\$8,094,000</u> (T) \$35,042,000</p>
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<p>U-5785 PITT <b>PROJ.CATEGORY</b> DIVISION</p>	<p>SR 1708 (FIRETOWER ROAD), WEST OF EAST ARLINGTON BOULEVARD TO SR 1704 (FOURTEENTH STREET) IN GREENVILLE. WIDEN TO MULTI-LANES. <u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 20 TO FY 21.</b></u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2020 - \$8,500,000 (T) FY 2021 - \$1,520,000 (T) FY 2022 - \$1,520,000 (T) FY 2023 - \$1,520,000 (T) \$13,060,000</p>
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**REVISIONS TO THE 2018-2027 STIP  
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**DIVISION 2**

U-5870	SR 1708 (FIRETOWER ROAD), SR 1704 (FOURTEENTH	RIGHT-OF-WAY	FY 2020 -	\$5,750,000	(T)
PITT	STREET) TO NC 33 (EAST 10TH STREET) IN	CONSTRUCTION	FY 2021 -	\$5,852,000	(T)
<b>PROJ.CATEGORY</b>	GREENVILLE. WIDEN TO MULTI-LANES.		FY 2022 -	\$5,852,000	(T)
DIVISION	<u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 20 TO FY 21.</b></u>		FY 2023 -	\$5,852,000	(T)
				\$23,306,000	

* W-5702DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019-	\$30,000	(HSIP)
LENOIR	LOCATIONS.	CONSTRUCTION	FY 2019-	\$180,000	(HSIP)
JONES	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
PAMLICO	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
PITT	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
CRAVEN					
CARTERET					
BEAUFORT					
GREENE					
<b>PROJ.CATEGORY</b>					
DIVISION					

* W-5702REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
PAMLICO	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
JONES	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
CARTERET	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
CRAVEN	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
PITT					
BEAUFORT					
GREENE					
LENOIR					
<b>PROJ.CATEGORY</b>					
REGIONAL					

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 2**

* W-5702SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$40,000	(HSIP)
LENOIR	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$240,000	(HSIP)
JONES	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$280,000	
CRAVEN	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
CARTERET	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
BEAUFORT					
PITT					
GREENE					
PAMLICO					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

**DIVISION 3**

* W-5703DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
SAMPSON	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
NEW HANOVER	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
PENDER	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
DUPLIN	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
ONSLOW					
BRUNSWICK					
<b>PROJ.CATEGORY</b>					
DIVISION					

* W-5703REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
BRUNSWICK	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
NEW HANOVER	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
SAMPSON	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
DUPLIN	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
ONSLOW					
PENDER					
<b>PROJ.CATEGORY</b>					
REGIONAL					

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 3**

\* W-5703SW  
BRUNSWICK  
NEW HANOVER  
ONslow  
PENDER  
SAMPSON  
DUPLIN

**PROJ.CATEGORY**

STATEWIDE

VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS  
LOCATIONS.

**ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19  
NOT PREVIOUSLY PROGRAMMED AT REQUEST OF  
TRANSPORTATION, MOBILITY AND SAFETY DIVISION.**

RIGHT-OF-WAY	FY 2019 -	\$40,000	(HSIP)
CONSTRUCTION	FY 2019 -	\$240,000	(HSIP)
		<u>\$280,000</u>	

**DIVISION 4**

\* I-6045

NASH

**PROJ.CATEGORY**

STATEWIDE

US 64 (FUTURE I-87), SR 1306 (SOUTH OLD FRANKLIN  
ROAD) TO I-95. PAVEMENT REHABILITATION.

**TO ALLOW PROJECT LETTING TO BE COMBINED WITH  
I-6046, DELAY CONSTRUCTION FROM FY 19 TO FY 20.**

GARVEE CONSTR	FY 2020 -	\$686,000	(NHPIM)
	FY 2021 -	\$686,000	(NHPIM)
	FY 2022 -	\$686,000	(NHPIM)
	FY 2023 -	\$686,000	(NHPIM)
	FY 2024 -	\$686,000	(NHPIM)
	FY 2025 -	\$686,000	(NHPIM)
	FY 2026 -	\$686,000	(NHPIM)
	FY 2027 -	\$686,000	(NHPIM)
	FY 2028 -	\$686,000	(NHPIM)
	FY 2029 -	\$686,000	(NHPIM)
	POST YR-	\$3,430,000	(NHPIM)
CONSTRUCTION	FY 2020 -	<u>\$2,934,000</u>	(S(M))
		\$13,224,000	

\* I-6047

WAYNE

**PROJ.CATEGORY**

STATEWIDE

I-795, WILSON COUNTY LINE TO SR 20  
75 (ASH STREET). UPGRADE GUARDRAIL, SHOULDER  
AND MEDIAN REPAIRS.

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND  
DESIGN, DELAY CONSTRUCTION FROM FY 19 TO FY  
20.**

GARVEE CONSTR	FY 2020 -	\$601,000	(NHPIM)
	FY 2021 -	\$601,000	(NHPIM)
	FY 2022 -	\$601,000	(NHPIM)
	FY 2023 -	\$601,000	(NHPIM)
	FY 2024 -	\$601,000	(NHPIM)
	FY 2025 -	\$601,000	(NHPIM)
	FY 2026 -	\$601,000	(NHPIM)
	FY 2027 -	\$601,000	(NHPIM)
	FY 2028 -	\$601,000	(NHPIM)
	FY 2029 -	\$601,000	(NHPIM)
	POST YR-	\$3,005,000	(NHPIM)
CONSTRUCTION	FY 2020 -	<u>\$2,300,000</u>	(S(M))
		\$11,315,000	

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 4**

<p>* W-5704DIV JOHNSTON WILSON EDGEcombe WAYNE NASH HALIFAX <b>PROJ.CATEGORY</b> DIVISION</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2019 - \$30,000 (HSIP) FY 2019 - <u>\$180,000</u> (HSIP) \$210,000</p>
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<p>* W-5704REG WILSON JOHNSTON NASH EDGEcombe WAYNE HALIFAX <b>PROJ.CATEGORY</b> REGIONAL</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2019 - \$30,000 (HSIP) FY 2019 - <u>\$180,000</u> (HSIP) \$210,000</p>
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<p>* W-5704SW WILSON WAYNE EDGEcombe JOHNSTON NASH HALIFAX <b>PROJ.CATEGORY</b> STATEWIDE</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2019 - \$40,000 (HSIP) FY 2019 - <u>\$240,000</u> (HSIP) \$280,000</p>
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**DIVISION 5**

<p>EB-5894 WAKE <b>PROJ.CATEGORY</b> DIVISION</p>	<p>BLACK CREEK GREENWAY, PHASES I, II AND V, WEST DYNASTY DRIVE TO OLD REEDY CREEK ROAD IN CARY. CONSTRUCT GREENWAY. <u><b>TO ALLOW ADDITIONAL TIME TO COMPLETE RIGHT OF WAY DELAY CONSTRUCTION FROM FY 19 TO FY 20, AT REQUEST OF THE DIVISION OFFICE.</b></u></p>	<p>CONSTRUCTION</p>	<p>FY 2020 - \$4,000,000 (TAANY) FY 2020 - <u>\$1,000,000</u> (L) \$5,000,000</p>
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**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 5**

I-5994	I-40, US 15 / US 501 TO EAST OF NC 147. BRIDGE	GARVEE CONSTR	FY 2020 -	\$429,000	(NHPIM)
DURHAM	REHABILITATION - MULTIPLE STRUCTURES.		FY 2021 -	\$429,000	(NHPIM)
<b>PROJ.CATEGORY</b>	<b><u>COMBINE LETTING OF I-5994 BRIDGE WORK WITH I-</u></b>		FY 2022 -	\$429,000	(NHPIM)
STATEWIDE	<b><u>5993 ROADWAY WORK, DELAY CONSTRUCTION FROM</u></b>		FY 2023 -	\$429,000	(NHPIM)
	<b><u>FY 19 TO FY 20, AT REQUEST OF THE DIVISION OFFICE.</u></b>		FY 2024 -	\$429,000	(NHPIM)
			FY 2025 -	\$429,000	(NHPIM)
			FY 2026 -	\$429,000	(NHPIM)
			FY 2027 -	\$429,000	(NHPIM)
			FY 2028 -	\$429,000	(NHPIM)
			FY 2029 -	\$429,000	(NHPIM)
			POST YR-	\$2,145,000	(NHPIM)
		CONSTRUCTION	FY 2020 -	\$1,667,000	(S(M))
				\$8,102,000	

I-5995	I-40, EAST OF NC 147 TO SR 3015 (AIRPORT	GARVEE CONSTR	FY 2021 -	\$343,000	(NHPIM)
WAKE	BOULEVARD). PAVEMENT REHABILITATION.		FY 2022 -	\$343,000	(NHPIM)
DURHAM	<b><u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u></b>		FY 2023 -	\$343,000	(NHPIM)
<b>PROJ.CATEGORY</b>	<b><u>CONSTRUCTION FROM FY 19 TO FY 21, AT REQUEST</u></b>		FY 2024 -	\$343,000	(NHPIM)
STATEWIDE	<b><u>OF THE DIVISION OFFICE.</u></b>		FY 2025 -	\$343,000	(NHPIM)
			FY 2026 -	\$343,000	(NHPIM)
			FY 2027 -	\$343,000	(NHPIM)
			FY 2028 -	\$343,000	(NHPIM)
			FY 2029 -	\$343,000	(NHPIM)
			POST YR-	\$2,058,000	(NHPIM)
		CONSTRUCTION	FY 2021 -	\$1,333,000	(S(M))
				\$6,478,000	

* W-5705DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
WAKE	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
VANCE	<b><u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u></b>			\$210,000	
PERSON	<b><u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u></b>				
GRANVILLE	<b><u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u></b>				
FRANKLIN					
WARREN					
DURHAM					
<b>PROJ.CATEGORY</b>					
DIVISION					

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 5**

* W-5705REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
WAKE	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
FRANKLIN	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$210,000	
WARREN	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
DURHAM	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
VANCE					
PERSON					
GRANVILLE					
<b>PROJ.CATEGORY</b>					
REGIONAL					

* W-5705SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$40,000	(HSIP)
VANCE	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$240,000	(HSIP)
PERSON	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$280,000	
WAKE	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
FRANKLIN	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
GRANVILLE					
WARREN					
DURHAM					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

**DIVISION 6**

R-2561CA	NC 87, NC 87 AT NC 11. CONSTRUCT INTERCHANGE.	RIGHT-OF-WAY	FY 2020 -	\$1,100,000	(T)
COLUMBUS	<u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 20</u>	UTILITIES	FY 2020 -	\$300,000	(T)
<b>PROJ.CATEGORY</b>	<u>AND CONSTRUCTION FROM FY 24 TO FY 21.</u>	CONSTRUCTION	FY 2021 -	\$2,367,000	(T)
REGIONAL			FY 2022 -	\$2,367,000	(T)
			FY 2023 -	\$2,366,000	(T)
				\$8,500,000	

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 6**

<p>* W-5706DIV ROBESON COLUMBUS BLADEN HARNETT CUMBERLAND <b>PROJ.CATEGORY</b> DIVISION</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2019 - \$30,000 (HSIP) FY 2019 - <u>\$180,000</u> (HSIP) \$210,000</p>
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<p>* W-5706REG CUMBERLAND BLADEN ROBESON COLUMBUS HARNETT <b>PROJ.CATEGORY</b> REGIONAL</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2019 - \$30,000 (HSIP) FY 2019 - <u>\$180,000</u> (HSIP) \$210,000</p>
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<p>* W-5706SW COLUMBUS HARNETT BLADEN ROBESON CUMBERLAND <b>PROJ.CATEGORY</b> STATEWIDE</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2019 - \$40,000 (HSIP) FY 2019 - <u>\$240,000</u> (HSIP) \$280,000</p>
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**DIVISION 7**

<p>C-5179 ORANGE <b>PROJ.CATEGORY</b> EXEMPT</p>	<p>SR 1750 (NORTH ESTES DRIVE), NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO CASWELL DRIVE IN CHAPEL HILL. CONSTRUCT FIVE FOOT SIDEWALKS AND FIVE FOOT BIKE LANES. NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO ELLIOTT ROAD IN CHAPEL HILL. CONSTRUCT TEN FOOT MULTIUSE PATH. <u><b>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 18 TO FY 19 AND INCREASE FUNDING AT REQUEST OF MPO.</b></u></p>	<p>CONSTRUCTION</p>	<p>FY 2019 - \$2,362,000 (CMAQ) FY 2019 - <u>\$591,000</u> (L) \$2,953,000</p>
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**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 7**

R-5725	NC 68, SR 2129 (FOGLEMEN ROAD) TO NC 150	RIGHT-OF-WAY	FY 2020 -	\$64,000	(T)
GUILFORD	INTERSECTION IN OAK RIDGE. INTERSECTION		FY 2021 -	\$1,223,000	(T)
<b>PROJ.CATEGORY</b>	IMPROVEMENTS, ACCESS MANAGEMENT AND SAFETY	UTILITIES	FY 2020 -	\$500,000	(T)
REGIONAL	ENHANCEMENTS.	CONSTRUCTION	FY 2021 -	\$2,956,000	(T)
	<u><b>TO INCORPORATE AN ADDITIONAL PROJECT</b></u>		FY 2022 -	\$2,955,000	(T)
	<u><b>ALTERNATIVE SUGGESTED BY THE TOWN DURING</b></u>			\$7,698,000	
	<u><b>THE DESIGN PHASE, DELAY RIGHT-OF-WAY FROM FY</b></u>				
	<u><b>19 TO FY 20 AND CONSTRUCTION FROM FY 20 TO FY</b></u>				

U-5896	US 29 / US 70 / BUSINESS 85, SR 1009 (SOUTH MAIN	BUILD NC ROW	FY 2019 -	\$944,000	(T)
GUILFORD	STREET) IN HIGH POINT. RECONSTRUCT		FY 2020 -	\$944,000	(T)
<b>PROJ.CATEGORY</b>	INTERCHANGE.		FY 2021 -	\$944,000	(T)
DIVISION	<u><b>TO CONFORM TO CURRENTLY PROGRAMMED</b></u>		FY 2022 -	\$944,000	(T)
	<u><b>FUNDING SOURCE, ACCELERATE CONSTRUCTION</b></u>		FY 2023 -	\$944,000	(T)
	<u><b>FROM FY 21 TO FY 20. NO CHANGE TO PROJECT'S</b></u>		FY 2024 -	\$944,000	(T)
	<u><b>DELIVERY SCHEDULE.</b></u>		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)
			POST YR-	\$3,776,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$2,444,000	(T)
		UTILITIES	FY 2019 -	\$2,437,000	(T)
		CONSTRUCTION	FY 2020 -	\$4,004,000	(BG5200)
			FY 2021 -	\$4,004,000	(BG5200)
			FY 2022 -	\$4,004,000	(BG5200)
				\$31,053,000	

U-6016	SR 2124 (LEWISTON ROAD), SR 2136 (FLEMING ROAD).	RIGHT-OF-WAY	FY 2020 -	\$100,000	(T)
GUILFORD	INTERSECTION IMPROVEMENTS.	UTILITIES	FY 2020 -	\$50,000	(T)
<b>PROJ.CATEGORY</b>	<u><b>TO ALLOW ADDITIONAL TIME TO COMPLETE</b></u>	CONSTRUCTION	FY 2021 -	\$750,000	(T)
DIVISION	<u><b>PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM</b></u>			\$900,000	
	<u><b>FY 19 TO FY 20 AND CONSTRUCTION FROM FY 20 TO</b></u>				
	<u><b>FY 21, AT REQUEST OF THE DIVISION OFFICE.</b></u>				

* W-5707DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
ROCKINGHAM	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
ALAMANCE	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
ORANGE	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
CASWELL	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
GUILFORD					
<b>PROJ.CATEGORY</b>					
DIVISION					

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 7**

* W-5707REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
ORANGE	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
GUILFORD	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
ALAMANCE	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
ROCKINGHAM	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
CASWELL					
<b>PROJ.CATEGORY</b>					
REGIONAL					

* W-5707SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$40,000	(HSIP)
ROCKINGHAM	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$240,000	(HSIP)
GUILFORD	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$280,000	
ALAMANCE	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
CASWELL	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
ORANGE					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

**DIVISION 8**

EB-5744	SR 1950 (WEST ACADEMY STREET), SR 1952 (HIGH	CONSTRUCTION	FY 2021 -	\$329,000	(TA5200)
RANDOLPH	POINT STREET) TO HILLARY STREET IN RANDLEMAN.		FY 2021 -	\$82,000	(L)
<b>PROJ.CATEGORY</b>	CONSTRUCT SIDEWALK ON NORTH SIDE.			\$411,000	
DIVISION	<u><b>TO ALLOW ADDITIONAL TIME TO COMPLETE</b></u>				
	<u><b>PLANNING AND DESIGN, DELAY CONSTRUCTION</b></u>				
	<u><b>FROM FY 19 TO FY 21, AT REQUEST OF THE DIVISION</b></u>				
	<u><b>OFFICE.</b></u>				

* W-5708DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
SCOTLAND	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
HOKE	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
CHATHAM	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
LEE	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
MOORE					
RANDOLPH					
RICHMOND					
MONTGOMERY					
<b>PROJ.CATEGORY</b>					
DIVISION					

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 8**

* W-5708REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
MOORE	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
HOKE	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
RICHMOND	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
CHATHAM	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
LEE					
RANDOLPH					
MONTGOMERY					
SCOTLAND					
<b>PROJ.CATEGORY</b>					
REGIONAL					

* W-5708SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$40,000	(HSIP)
RICHMOND	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$240,000	(HSIP)
HOKE	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$280,000	
SCOTLAND	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
LEE	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
MOORE					
RANDOLPH					
CHATHAM					
MONTGOMERY					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

**DIVISION 9**

U-6004	SR 1103 (LEWISVILLE- CLEMMONS ROAD), US 158 TO	BUILD NC ROW	FY 2023 -	\$1,030,000	(T)
FORSYTH	SR 1891 (PEACE HAVEN ROAD) IN CLEMMONS.		FY 2024 -	\$1,030,000	(T)
<b>PROJ.CATEGORY</b>	ACCESS MANAGEMENT AND OPERATIONAL		FY 2025 -	\$1,030,000	(T)
DIVISION	IMPROVEMENTS.		FY 2026 -	\$1,030,000	(T)
	<u><b>REVISE DESCRIPTION TO REFLECT CURRENT SCOPE</b></u>		FY 2027 -	\$1,030,000	(T)
	<u><b>AT REQUEST OF DIVISION OFFICE.</b></u>		FY 2028 -	\$1,030,000	(T)
			FY 2029 -	\$1,030,000	(T)
			POST YR-	\$8,240,000	(T)
		RIGHT-OF-WAY	FY 2023 -	\$1,774,000	(T)
			FY 2024 -	\$1,774,000	(T)
		UTILITIES	FY 2023 -	\$933,000	(T)
			FY 2024 -	\$933,000	(T)
		CONSTRUCTION	FY 2025 -	\$2,587,000	(T)
			FY 2026 -	\$2,587,000	(T)
				\$26,038,000	

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 9**

* W-5709DIV STOKES DAVIE FORSYTH DAVIDSON ROWAN <b>PROJ.CATEGORY</b> DIVISION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u> <u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u> <u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 -	\$30,000 (HSIP) \$180,000 (HSIP) \$210,000
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* W-5709REG FORSYTH DAVIE DAVIDSON ROWAN STOKES <b>PROJ.CATEGORY</b> REGIONAL	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u> <u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u> <u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 -	\$30,000 (HSIP) \$180,000 (HSIP) \$210,000
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* W-5709SW DAVIE DAVIDSON FORSYTH STOKES ROWAN <b>PROJ.CATEGORY</b> STATEWIDE	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u> <u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u> <u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 -	\$40,000 (HSIP) \$240,000 (HSIP) \$280,000
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**DIVISION 10**

I-3802AA CABARRUS <b>PROJ.CATEGORY</b> TRANSITION	I-85, ITS FOR I-3802 A <u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</b></u> <u><b>DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21</b></u>	CONSTRUCTION	FY 2021 -	\$1,900,000 (CMAQ) \$1,900,000
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**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 10**

P-5725	KANNAPOLIS, CONSTRUCT TRACK IMPROVEMENTS,	RIGHT-OF-WAY	FY 2019 -	\$1,250,000	(T)
CABARRUS	SECOND PLATFORM, PEDESTRIAN UNDERPASS,	CONSTRUCTION	FY 2020 -	\$235,000	(T)
<b>PROJ.CATEGORY</b>	SITWORK, RETAINING WALL, SIGNALING EQUIPMENT		FY 2021 -	<u>\$4,465,000</u>	(T)
REGIONAL	<u><b>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</b></u>			\$5,950,000	
	<u><b>CONSTRUCTION FROM FY 19 TO FY 20</b></u>				

* U-5764	US 74, NC 200 (DICKERSON BOULEVARD) TO SR 1007	RIGHT-OF-WAY	FY 2019 -	\$7,450,000	(T)
UNION	(ROCKY RIVER ROAD). WIDEN EXISTING ROADWAY.		FY 2020 -	\$22,350,000	(T)
<b>PROJ.CATEGORY</b>	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25%</b></u>	UTILITIES	FY 2019 -	\$1,000,000	(T)
REGIONAL	<u><b>THRESHOLDS.</b></u>	CONSTRUCTION	FY 2021 -	\$5,167,000	(T)
			FY 2022 -	\$5,166,000	(T)
			FY 2023 -	<u>\$5,167,000</u>	(T)
				\$46,300,000	

* U-5931	US 74, INTERSECTION OF US 74 AND SECREST	RIGHT-OF-WAY	FY 2019 -	\$1,375,000	(T)
UNION	SHORTCUT ROAD. CONSTRUCT IMPROVEMENTS.		FY 2020 -	\$4,125,000	(T)
<b>PROJ.CATEGORY</b>	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25%</b></u>	UTILITIES	FY 2019 -	\$300,000	(T)
STATEWIDE	<u><b>THRESHOLDS.</b></u>	CONSTRUCTION	FY 2021 -	\$1,500,000	(T)
			FY 2022 -	<u>\$1,500,000</u>	(T)
				\$8,800,000	

* W-5710DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
MECKLENBURG	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
UNION	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
ANSON	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
STANLY	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
CABARRUS					
<b>PROJ.CATEGORY</b>					
DIVISION					



**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 10**

* W-5710REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
MECKLENBURG	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
UNION	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$210,000	
STANLY	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
CABARRUS	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
ANSON					
<b>PROJ.CATEGORY</b>					
REGIONAL					

* W-5710SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$40,000	(HSIP)
CABARRUS	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$240,000	(HSIP)
UNION	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$280,000	
ANSON	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
MECKLENBURG	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
STANLY					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

**DIVISION 11**

EB-5924	TOWN OF BLOWING ROCK, MIDDLE FORK GREENWAY,	CONSTRUCTION	FY 2020 -	\$2,058,000	(FLAP)
WATAUGA	SECTION 1. CONSTRUCT GREENWAY. NC FLAP		FY 2020 -	\$515,000	(L)
<b>PROJ.CATEGORY</b>	BLWRK 321(1)			\$2,573,000	
EXEMPT	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u>				
	<u>CONSTRUCTION FROM FY 19 TO FY 20</u>				

* W-5711DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
CALDWELL	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
ASHE	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$210,000	
WATAUGA	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
YADKIN	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
AVERY					
ALLEGHANY					
WILKES					
SURRY					
<b>PROJ.CATEGORY</b>					
DIVISION					

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 11**

* W-5711REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
SURRY	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
YADKIN	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$210,000	
ASHE	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
AVERY	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
ALLEGHANY					
WATAUGA					
CALDWELL					
WILKES					
<b>PROJ.CATEGORY</b>					
REGIONAL					

* W-5711SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$40,000	(HSIP)
SURRY	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$240,000	(HSIP)
AVERY	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$280,000	
WATAUGA	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
CALDWELL	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
ASHE					
YADKIN					
ALLEGHANY					
WILKES					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

**DIVISION 12**

EB-5911B	OLD LENOIR ROAD MULTI-USE PATH, 12TH AVENUE	ENGINEERING	FY 2019 -	\$489,000	(BGDA)
CATAWBA	NW (GEITNER ROAD) TO HICKORY WATER PLANT.		FY 2019 -	\$123,000	(L)
<b>PROJ.CATEGORY</b>	CONSTRUCT MULTI-USE PATH.	RIGHT-OF-WAY	FY 2020 -	\$612,000	(BGDA)
DIVISION	<u>ACCELERATE PRELIMINARY ENGINEERING FROM FY</u>		FY 2020 -	\$153,000	(L)
	<u>20 TO FY 19</u>	CONSTRUCTION	FY 2021 -	\$2,978,000	(BGDA)
			FY 2021 -	\$745,000	(L)
				\$5,100,000	
* EB-5932	TROUTMAN, RICHARDSON GREENWAY SOUTH. US	ENGINEERING	FY 2019 -	\$62,000	(BGDA)
IREDELL	21/NC 115 (SOUTH MAIN STREET) FROM TROUTMAN		FY 2019 -	\$16,000	(L)
<b>PROJ.CATEGORY</b>	ELEMENTARY SCHOOL TO JACOBS WOODS	RIGHT-OF-WAY	FY 2019 -	\$122,000	(BGDA)
DIVISION	SUBDIVISION.		FY 2019 -	\$31,000	(L)
	<u>ADD PRELIMINARY ENGINEERING IN FY 19 AND RIGHT-</u>	CONSTRUCTION	FY 2020 -	\$608,000	(BGDA)
	<u>OF-WAY IN FY 19 NOT PREVIOUSLY PROGRAMMED AT</u>		FY 2020 -	\$152,000	(L)
	<u>REQUEST OF MPO.</u>			\$991,000	

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 12**

I-5717	I-77, NC 150 INTERCHANGE. CONSTRUCT	GARVEE CONSTR	FY 2020 -	\$687,000	(NHP)
IREDELL	INTERCHANGE IMPROVEMENTS.		FY 2021 -	\$687,000	(NHP)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u></b>		FY 2022 -	\$687,000	(NHP)
STATEWIDE	<b><u>CONSTRUCTION FROM FY 19 TO FY 20</u></b>		FY 2023 -	\$687,000	(NHP)
			FY 2024 -	\$687,000	(NHP)
			FY 2025 -	\$687,000	(NHP)
			FY 2026 -	\$687,000	(NHP)
			FY 2027 -	\$687,000	(NHP)
			FY 2028 -	\$687,000	(NHP)
			FY 2029 -	\$687,000	(NHP)
			POST YR-	\$3,435,000	(NHP)
		CONSTRUCTION	FY 2020 -	\$2,650,000	(S(M))
				\$12,955,000	
R-2307B	NC 150, EAST OF SR 1840 (GREENWOOD ROAD) IN	CONSTRUCTION	FY 2020 -	\$5,000,000	(BGBA)
IREDELL	CATAWBA COUNTY TO WEST OF SR 1303/SR 1180		FY 2020 -	\$27,400,000	(BGANY)
CATAWBA	(PERTH ROAD/DOOLIE ROAD) IN IREDELL COUNTY.		FY 2021 -	\$27,400,000	(BGANY)
<b>PROJ.CATEGORY</b>	WIDEN TO 4-LANES. SR 1383/SR 1180 TO US 21 IN		FY 2022 -	\$27,400,000	(BGANY)
REGIONAL	IREDELL COUNTY. WIDEN TO 6-LANES.		FY 2023 -	\$27,400,000	(BGANY)
	<b><u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u></b>			\$114,600,000	
	<b><u>CONSTRUCTION FROM FY 19 TO FY 20</u></b>				
R-5711	US 21, INTERSECTION OF US 21 AND SR 2375	CONSTRUCTION	FY 2021 -	\$50,000	(T)
IREDELL	(HOUSTON ROAD)/SR 1312 (FLOWER HOUSE ROAD).		FY 2022 -	\$950,000	(T)
<b>PROJ.CATEGORY</b>	REALIGN AND SIGNALIZE.			\$1,000,000	
REGIONAL	<b><u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u></b>				
	<b><u>CONSTRUCTION FROM FY 19 TO FY 21</u></b>				
R-5712	NC 16 BUSINESS, INTERSECTION OF NC 16 BUSINESS	RIGHT-OF-WAY	FY 2019 -	\$180,000	(T)
LINCOLN	AND SR 1439 (UNITY CHURCH ROAD)/SR 1387	CONSTRUCTION	FY 2020 -	\$120,000	(T)
<b>PROJ.CATEGORY</b>	(TRIANGLE CIRCLE). ADD TURN LANES.		FY 2021 -	\$2,280,000	(T)
REGIONAL	<b><u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u></b>			\$2,580,000	
	<b><u>CONSTRUCTION FROM FY 19 TO FY 20</u></b>				
U-5777	NC 127, 1ST AVENUE SE TO 2ND AVENUE SE. ADD	RIGHT-OF-WAY	FY 2019 -	\$135,000	(T)
CATAWBA	TURN LANES.	CONSTRUCTION	FY 2021 -	\$570,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u></b>			\$705,000	
REGIONAL	<b><u>CONSTRUCTION FROM FY 19 TO FY 21</u></b>				

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 12**

U-5819 GASTON <b>PROJ.CATEGORY</b> DIVISION	NC 27 (WEST CHARLOTTE AVENUE), INTERSECTION OF NC 27 (WEST CHARLOTTE AVENUE) AND SR 2534 (HAWTHORNE STREET). CONSTRUCT INTERSECTION IMPROVEMENTS.	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - FY 2021 - FY 2022 -	\$450,000 \$950,000 \$950,000	(T) (T) (T)
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\$2,350,000

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND  
DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20  
AND CONSTRUCTION FROM FY 20 TO FY 21**

* U-5821 GASTON <b>PROJ.CATEGORY</b> DIVISION	NC 279 (NEW HOPE ROAD), SR 2478 (TITMAN ROAD) TO SR 2435 (UNION-NEW HOPE ROAD). WIDEN TO 4- LANES.	RIGHT-OF-WAY  UTILITIES  CONSTRUCTION	FY 2020 - FY 2021 - FY 2022 - FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 -	\$9,100,000 \$13,650,000 \$13,650,000 \$1,950,000 \$1,950,000 \$8,033,000 \$8,033,000 \$8,034,000	(T) (T) (T) (T) (T) (T) (T) (T)
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\$64,400,000

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND  
DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20  
AND CONSTRUCTION FROM FY 21 TO FY 22**

U-5964 IREDELL <b>PROJ.CATEGORY</b> REGIONAL	US 64 (DAVIE AVENUE), US 64 (DAVIE AVENUE) AND US 21 (SULLIVAN ROAD). CONVERT 5-APPROACH INTERSECTION TO A SINGLE LANE ROUNDABOUT.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2021 -	\$200,000 \$100,000 \$800,000	(T) (T) (T)
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\$1,100,000

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND  
DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20  
AND CONSTRUCTION FROM FY 20 TO FY 21**

* W-5712DIV LINCOLN IREDELL CATAWBA CLEVELAND GASTON ALEXANDER <b>PROJ.CATEGORY</b> DIVISION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 -	\$30,000 \$180,000	(HSIP) (HSIP)
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\$210,000

**ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19  
NOT PREVIOUSLY PROGRAMMED AT REQUEST OF  
TRANSPORTATION, MOBILITY AND SAFETY DIVISION.**

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 12**

* W-5712REG GASTON ALEXANDER CLEVELAND CATAWBA LINCOLN IREDELL	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$30,000 (HSIP) FY 2019 - \$180,000 (HSIP)	
<b>PROJ.CATEGORY</b> REGIONAL			\$210,000	

* W-5712SW GASTON CATAWBA CLEVELAND IREDELL LINCOLN ALEXANDER	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$40,000 (HSIP) FY 2019 - \$240,000 (HSIP)	
<b>PROJ.CATEGORY</b> STATEWIDE			\$280,000	

**DIVISION 13**

EB-5821 BUNCOMBE	REEMS CREEK GREENWAY, CONSTRUCT MULTI-USE PATH ALONG REEMS CREEK CORRIDOR FROM WESTERN EDGE OF TOWN OF WEAVERVILLE TO KARPEN SOCCER FIELDS	ENGINEERING	FY 2019 - \$480,000 (BGDA) FY 2019 - \$120,000 (L)	
<b>PROJ.CATEGORY</b> DIVISION	<u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY PRELIMINARY ENGINEERING FROM FY 18 TO FY 19</b></u>		\$600,000	
U-5019A BUNCOMBE	RIVERWAY MULTI-MODAL NETWORK, TOWN BRANCH GREENWAY	CONSTRUCTION	FY 2020 - \$1,710,000 (BGDA) FY 2021 - \$1,710,000 (BGDA)	
<b>PROJ.CATEGORY</b> DIVISION	<u><b>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 20 AT REQUEST OF MPO</b></u>		FY 2021 - \$855,000 (L) \$4,275,000	

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 13**

* W-5713DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
MADISON	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
BUNCOMBE	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$210,000	
BURKE	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
YANCEY	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
RUTHERFORD					
MITCHELL					
McDOWELL					
<b>PROJ.CATEGORY</b>					
DIVISION					

* W-5713REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
MITCHELL	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
RUTHERFORD	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$210,000	
MADISON	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
McDOWELL	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
BUNCOMBE					
BURKE					
YANCEY					
<b>PROJ.CATEGORY</b>					
REGIONAL					

* W-5713SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$40,000	(HSIP)
BUNCOMBE	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$240,000	(HSIP)
BURKE	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$280,000	
MITCHELL	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
YANCEY	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
McDOWELL					
MADISON					
RUTHERFORD					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 14**

* W-5714DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
CHEROKEE	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
CLAY	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
HENDERSON	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
SWAIN	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
JACKSON					
TRANSYLVANIA					
HAYWOOD					
MACON					
POLK					
GRAHAM					
<b>PROJ.CATEGORY</b>					
DIVISION					

* W-5714REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
MACON	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
HAYWOOD	<u><b>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</b></u>			\$210,000	
TRANSYLVANIA	<u><b>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</b></u>				
CLAY	<u><b>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</b></u>				
JACKSON					
HENDERSON					
GRAHAM					
SWAIN					
POLK					
CHEROKEE					
<b>PROJ.CATEGORY</b>					
REGIONAL					

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 14**

* W-5714SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$40,000	(HSIP)
SWAIN	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$240,000	(HSIP)
HAYWOOD	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$280,000	
JACKSON	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
HENDERSON	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
POLK					
CHEROKEE					
GRAHAM					
MACON					
CLAY					
TRANSYLVANIA					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

**STIP DELETIONS**

**DIVISION 4**

* U-5938	US 13 (BERKELEY BOULEVARD), SR 1003 (NEW HOPE	RIGHT-OF-WAY	FY 2019 -	\$100,000	(T)
WAYNE	ROAD). IMPROVE INTERSECTION.	UTILITIES	FY 2019 -	\$100,000	(T)
<b>PROJ.CATEGORY</b>	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>	CONSTRUCTION	FY 2020 -	\$234,000	(T)
REGIONAL	<u>PROJECT U-3609B.</u>			\$434,000	

**DIVISION 14**

* B-5911	SR 1302 (LOWER SWEETWATER), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2021 -	\$20,000	(BGOFF)
CLAY	210041 OVER SWEETWATER CREEK.	CONSTRUCTION	FY 2022 -	\$350,000	(BGOFF)
<b>PROJ.CATEGORY</b>	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>			\$370,000	
DIVISION	<u>PROJECT R-5847</u>				

**ITEM N SUMMARY**

ADDITIONS	4 PROJECTS	\$62,825,000
MODIFICATIONS	75 PROJECTS	
DELETIONS	2 PROJECTS	\$804,000
	81 PROJECTS	\$62,021,000



## NCDOT April 4, 2019 Board of Transportation Agenda

SUMMARY: There are a total of 45 agreements for approval by the Board of Transportation.

### STATEWIDE

NC Department of  
Environmental Quality,  
Division of Air Quality  
C-4903  
44003.3.1

This Project consists of an education and outreach program to help raise awareness of air quality issues statewide. This Supplemental Agreement is to provide additional federal funding in the amount of \$100,000 with the Agency providing the non-federal match of \$25,000, and to extend the completion date to September 30, 2019 in lieu of September 30, 2018.

### Division 1

North Carolina Department of  
Environmental Quality (NCDEQ)  
Dare County  
B-2500  
32635.3.5

This Project consists of dredging the navigation channel at Oregon Inlet to remediate the accumulated sand to achieve 12' depth west of construction adjacent to bents 27 to 32 in accordance with Navigation Aids 19 to 21A at the Herbert C. Bonner Bridge. This Supplemental Agreement expands the scope of the Project to include dredging necessary for safe passage of equipment and materials necessary for building the new bridge over the Oregon Inlet.

Department of the Interior,  
National Park Service  
Dare County  
B-2500B  
32635.2.5

This Highway Easement Deed is for the Rodanthe Breach long term improvements (Phase 11B) bridge on NC 12 in Dare County. The purposes of this easement are to construct, operate and maintain the Bridge which will carry NC 12 across and over Pamlico Sound and Cape Hatteras National Seashore.

Roanoke Rapids Sanitary  
District  
Northampton County  
R-2582A  
34472.3.2

This Project consists of improvements on US 158/NC 46 from I-95/NC 46 in Roanoke Rapids to SR 1312 (St. John Church Road) in Northampton County. This Utility Construction Agreement is for the Department's contractor to adjust and/or relocate water and sewer lines. The Municipality will be responsible for actual costs of the work performed by the Department. The estimated reimbursement is \$22,419.11.

Perquimans County  
R-5740  
50198.3.1

This Project consists of improvements on SR 1329 (Woodville Road) from SR 1331 (Red Bank Road) to SR 1300 (New Hope Road). This Utility Construction Agreement is for the Department's contractor to adjust and/or relocate water lines. The County will be responsible for actual costs of the work performed by the Department. The estimated reimbursement is \$58,030.16.

## NCDOT April 4, 2019 Board of Transportation Agenda

### **Division 1, cont.**

CSX Transportation  
Northampton County  
R-2582A  
34472.3.2

This Rail Project consists of constructing US 158 on new location beginning at Station 17+00.00 -L- running in an easterly direction over the tracks of CSX Transportation, Inc. to Station 451+00.00 -L-, including construction of a structures at separated grades and appurtenant works across Railroad's right of way, tracks and other facilities near Railroad Milepost A-80.6 and Highway Survey Station 170+20.99 -L- and Milepost SA-77.2 and Highway Survey Station 192+85.76 -L-, in accordance with plans and specifications prepared by the Department and approved by the Railroad.

### **Division 2**

City of Greenville  
Pitt County  
SS-4902DB  
48445.3.1

This Project consists of the installation of four unidirectional Rectangular Rapid Flash Beacons (RRFBs) at the existing crosswalk on SR 1707 (Charles Boulevard) 630 feet south of SR 1703 (14<sup>th</sup> Street) in Greenville. The Municipality will be responsible for the construction and administration of the Project. The Department shall participate in an amount not to exceed \$28,000. Costs which exceed this amount shall be borne by the Municipality.

### **Division 3**

Town of Ocean Isle Beach  
Brunswick County  
ER-5600CF  
46305.3.65

This Project consists of landscaping for roundabouts at the intersection of Highway 179 (Beach Drive), Highway 904 (Causeway Drive) and SR 1184 (Ocean Isle Beach Road SW) in Ocean Isle Beach. This Supplemental Agreement modifies the scope to include the installation of lighting as part of the landscaping Project. The Department shall perform the work. The Municipality will reimburse the Department \$8,000 for the lighting improvements and be responsible for maintenance after a period of one year.

### **Division 4**

Town of Spring Hope  
Nash County  
C-5619B  
50059.1.3  
50059.2.3  
50059.3.3

This Project consists of construction of sidewalk along North Walnut Street, East Nash Street, McLean Street and North Louisburg Road in Spring Hope. The Municipality is responsible for the Project. The Department shall reimburse 80% of eligible expenses from federal funds not to exceed \$635,692. The Municipality shall provide the 20% (\$158,923) non-federal match and all costs that exceed the total estimated cost of \$794,615.

NCDOT April 4, 2019 Board of Transportation Agenda

**Division 4, cont.**

Edgecombe County  
R-5868  
47802.1.1  
R-5868A  
47802.1.2

This Project consists of development of a site plan to serve the Kingsboro Megasite. The County will prepare the plan. The Department shall participate in the cost of the project up to a maximum amount of \$436,064.

Edgecombe County  
R-5868D  
47802.3.5

This Project consists of completion of the site work for the Edgecombe Community College Training Facility at the intersection of Harts Mill Run road and the US 64 Alternate. The Department shall be responsible for construction and contract administration. The County shall reimburse the Department 100% for the work. The estimated reimbursement is \$800,000.

**Division 5**

Norfolk Southern Railroad  
Wake County  
17BP.5.R.85

This Rail Project consists of replacing Bridge No. 405 over the Norfolk Southern Railway Company including construction of a structure at separated grades and appurtenant works across the Railroad's right of way, tracks and other facilities near Railroad Milepost NS 245.5 and Highway Survey Station 18+40.76-L-, in accordance with plans and specifications prepared by the Department and approved by the Railroad.

Town of Cary  
Wake County  
U-5827  
44400.1.1  
44400.2.1  
44400.3.1

This Project consists of construction of Louis Stephens Drive Extension (SR 1632) from Poplar Pike Lane to Little Drive (SR 2153) in Cary. This Utility Agreement is for the Department to place provisions in the contract for preliminary design and the adjustment/relocation of water lines. The estimated cost to the Municipality is \$368,506.

Town of Holly Springs  
Wake County  
R-2721A  
37673.2.TA2

This Design-Build Project consists of construction of NC 540 from NC 55 Bypass to east of SR 1152 (Holly Springs Road) in Holly Springs. This Utility Agreement is for the Department to place provisions in the construction contract for the contractor to adjust and relocate water and sewer lines. The fixed cost to the Municipality is \$546,576.85.

NCDOT April 4, 2019 Board of Transportation Agenda

**Division 5, cont.**

Town of Morrisville  
Wake County  
I-5700  
50118.3.GV1

This Project is to revise and widen the existing I-40 interchange at SR 3015 (Airport Blvd.) to a median divided facility with outside curb and gutter. Additional improvements include replacing existing sidewalk on the west side of Airport Boulevard with a ten-foot multi-use path to accommodate pedestrians and bicycles. The existing sidewalk along the east side of Airport Boulevard will remain, with the missing sidewalk gaps being filled in by the Department. The parties have agreed that the Municipality shall maintain the sidewalk upon completion of the Project.

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). The Utility Construction Agreement is for the Department to place provisions in the construction contract to adjust and relocate water and sewer lines. The Municipality will be responsible for actual costs of the work performed by the Department. The estimated reimbursement is \$643,904.

City of Durham  
Durham County  
EB-4707B  
38664.2.2  
38664.3.4

This Project consists of the construction of bicycle and pedestrian facilities along SR 2220 (Old Chapel Hill Road)/SR 1838 (Old Durham Road) from SR 1113 (Pope Road) to SR 1116 (Garrett Road). This Supplemental Agreement is to establish \$10,935,788 as the total funding available for ROW, construction, landscape and lighting portions of this Project including \$8,748,630 in High Priority and \$335,000 in State funds, with \$1,852,158 as the municipal non-federal match.

Research Triangle Foundation  
Wake County  
U-5530NA  
44111.3.10

This Project consists of the construction of a multi-use trail along Davis Drive from Parkside Valley Drive in Morrisville to Kit Creek Road in Research Triangle. This Supplemental Agreement is to reimburse the Agency an additional \$105,000 in federal TAP funds and \$105,000 in State funds. The Agency will pay and costs that exceed the total available funding of \$210,000.

## NCDOT April 4, 2019 Board of Transportation Agenda

### Division 6

Town of Pembroke  
Robeson County  
R-4428  
38914.3.1

This Project consists of widening NC 711 (West 3rd St.) from SR 1340 (Odum Street) to SR 1557 (Redmond Road) in Pembroke. At the request of the Town, sidewalk will be included on the south side of NC 711 for the length of the Project. The Department shall construct the sidewalk. The Municipality shall reimburse the Department \$15,900 (20%) as its cost-share for the sidewalk. The Department shall participate in the amount of \$63,600 (80%) of the total estimated cost of \$79,500.

### Division 7

City of Greensboro  
Guilford County  
SS-4907CL  
48630.3.1

This Project consists of Flashing Yellow Arrow (FYA) left turn display installation at eight existing signal controlled intersections in Greensboro. The Municipality will perform the work and the Department shall participate in the costs in an amount not to exceed \$75,000.

City of Greensboro  
Guilford County  
SS-4907CM  
48631.3.1

This Project consists of signal upgrades to include changes in left turn phasing, providing Flashing Yellow Arrow (FYA) signal head and/or providing for a dedicated signal head per lane at five intersections in Greensboro. The Municipality will perform the work and the Department shall participate in the costs in an amount not to exceed \$223,000.

Town of Jamestown  
Guilford County  
EB-5517  
50033.1.1  
50033.3.1

This Project consists of construction of 1,400 linear feet of sidewalk along the North side of East Fork Road, including a pedestrian bridge High Point City Lake in Jamestown. This Supplemental Agreement is to increase the funding and extend the completion date for the Project. The Department agrees to reimburse the Municipality an additional \$511,459 in federal and Contingency funds, bringing the total reimbursement from the Department to a maximum of \$1,711,459. The Municipality is responsible for all costs that exceed \$1,711,459. The Municipality shall complete the Project by January 7, 2021 in lieu of January 2, 2019.

## NCDOT April 4, 2019 Board of Transportation Agenda

### Division 7, cont.

Town of Haw River  
Alamance County  
3607.3.08

This Project consists of construction of curb and gutter and sidewalk along NC 49 (Main Street) in Haw River. This Supplemental Agreement is to increase the funding and extend the completion date for the Project. The Department agrees to reimburse the Municipality an additional \$20,000 of Contingency funds, bringing the total reimbursement from the Department to a maximum of \$295,000. The Municipality is responsible for all costs that exceed \$295,000. The Municipality shall complete all work by December 31, 2019, in lieu of November 15, 2017.

### Division 8

Town of Broadway  
Lee County  
R-3830  
38887.3.2

This Project consists of widening NC 42/SR 1579 (Broadway Road) from US 421 Business in Sanford to SR 1538 (East Harrington Avenue). At the request of the Municipality, sidewalk will be included in the municipal limits on the north and south side of NC 42 from Gilbert Lett Drive to the existing sidewalk. The Municipality shall reimburse the Department \$30,000 (20%), of the actual cost for construction of the sidewalk. The Department shall participate in the amount of \$120,000 (80%). The estimated total cost of the sidewalk is \$150,000.

City of Sanford  
Lee County  
R-3830  
38887.3.2

This Project consists of widening NC 42/SR 1579 (Broadway Road) from US 421 Business in Sanford to SR 1538 (East Harrington Avenue). At the request of the Municipality, sidewalk will be included in the municipal limits on the north side of NC 42 from South Horner Blvd to Thornwood Drive and on the south side of NC 42 from South Horner Blvd. to Rosser Road. The Municipality shall reimburse the Department \$135,000 (30%), of the actual cost for construction of the sidewalk. The Department shall participate in the amount of \$315,000 (80%). The estimated total cost of the sidewalk is \$450,000.

Town of Aberdeen  
Moore County  
EB-5741  
51064.1.1

The Project consists of construction of a mid-block crosswalk, median refuge island, and installation of a pedestrian signal on US 1/US 15-501 in Aberdeen. The Department will participate in the actual construction costs up to a maximum amount of \$80,000 in TAP funds. The Municipality shall be responsible for providing the non-federal match of \$20,000 (20%). The estimated cost of the Project is \$100,000. Costs which exceed this amount shall be borne by the Municipality.

NCDOT April 4, 2019 Board of Transportation Agenda

**Division 9**

City of Winston-Salem  
Forsyth County  
EB-5952  
48428.1.1  
48428.2.1  
48428.3.1

This Project consists of construction of 1,900 linear feet of sidewalk and curb and gutter along the North side of Fairlawn Drive from Reynolda Road (NC 67) to Silas Creek Parkway (SR 1528) in Winston-Salem. The Municipality is responsible for the work. The Department shall reimburse with federal funds up to a maximum amount \$869,440 (80%). The Municipality shall provide the non-federal match of \$217,360 (20%), and all costs that exceed the total estimated cost of \$1,086,800.

City of Winston-Salem  
Forsyth County  
EB-5954  
48430.1.1  
48430.2.1  
48430.3.1

This Project consists of construction of 5,600 linear feet of sidewalk on the west side of Griffith Road from Burke Mill Road to Kimwell Drive in Winston Salem. The Municipality is responsible for the work. The Department shall reimburse with federal funds up to a maximum amount \$1,511,100 (80%). The Municipality shall provide the non-federal match of \$377,775 (20%), and all costs that exceed the total estimated cost of \$1,888,875.

City of Winston-Salem  
Forsyth County  
EB-5955  
48431.1.1  
48431.2.1  
48431.3.1

This Project consists of construction of 1,500 linear feet of sidewalk along the south side of Robinhood Road (SR 1348) from Muddy Creek Greenway parking lot to Speaks Farm Road in Winston-Salem. The Municipality is responsible for the work. The Department shall reimburse with federal funds up to a maximum amount \$485,667 (80%). The Municipality shall provide the non-federal match of \$121,417 (20%), and all costs that exceed the total estimated cost of \$607,084.

City of Winston-Salem  
Forsyth County  
EB-5722  
50418.1.1  
50418.2.1  
50418.2.1

This Project consists of construction of sidewalk to connect to existing sidewalk along the north side of Silas Creek Parkway (NC 67) from Bolton Street to Lockland Avenue in Winston-Salem. The Municipality is responsible for the Project. The Department shall reimburse with federal funds up to a maximum amount \$1,522,000 (80%). The Municipality shall provide the non-federal match of \$381,000 (20%), and all costs that exceed the total estimated cost of \$1,903,000.

City of Winston-Salem  
Forsyth County  
EB-5810  
44662.1.1  
44662.3.1

This Project consists of construction of 760 linear feet of sidewalk along the south side of Barbara Jane Avenue from Old Greensboro Road to Woodrow Powell Drive in Winston-Salem. The Municipality is responsible for the work. The Department shall reimburse with federal funds up to a maximum amount \$228,800 (80%). The Municipality shall provide the non-federal match of \$57,200 (20%), and all costs that exceed the total estimated cost of \$286,000.

## NCDOT April 4, 2019 Board of Transportation Agenda

### Division 9, cont.

Town of Kernersville  
Forsyth County  
W-5510  
50080.3.FD1

This Project consists of improvements on SR 4315 (South Main St) and on SR 2648 (Old Winston Road) in Kernersville. The Department is responsible for all work. This Supplemental Agreement is to provide additional funding of \$515,210 (80%) from federal funds and the Municipality will provide \$128,803 (20%) as the local match. The Municipality is responsible for all costs that exceed the total available funding of \$7,935,192.

City of Salisbury  
Rowan County  
EB-5619A  
56033.2.3

This Project consists of construction of the low-water bridge connection from the existing greenway trail near Forestdale Drive to Catawba College. This Supplemental Agreement is to split the Project into Phase A and Phase B and to assign the original funding to both phases. The Department agrees to reimburse the Municipality a total of \$134,800 (80%) for in TADA funds for Phase A. The Municipality will provide a total of \$33,700 (20%) as their local match, and all costs that exceed the total available funding of \$168,750. The Department agrees to transfer the remaining TADA funds to Phase B.

City of Salisbury  
Rowan County  
EB-5619B  
56033.3.3

This Project consists of construction of approximately 0.9 miles of new greenway trail to connect the existing greenway at Forestdale Drive to Kelsey Scott Park, the part of the Carolina Thread Trail through Rowan County, connecting to Davie and Cabarrus Counties. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from TADA funds allocation, not to exceed \$700,000. The Municipality will be responsible for providing 20% (\$175,000) non-federal match for the TADA and local funds authorized and all costs that exceed the total available funding of \$875,000.

### Division 10

City of Kannapolis  
Cabarrus County  
EB-5844  
47301.1.1  
47301.2.1  
47301.3.1

This Project consists of construction of approximately 8,800 linear feet of sidewalk along Little Texas Road and Ruth Avenue from Dale Earnhardt Boulevard to Lane Street. The Municipality is responsible for the Project. The Department shall reimburse 80% of eligible expenses from federal funds, up to a maximum reimbursement of \$2,051,200. The Municipality shall provide the 20% non-federal match in the amount of \$512,800 and all costs that exceed the total estimated cost of \$2,564,000.



NCDOT April 4, 2019 Board of Transportation Agenda

**Division 10, cont.**

City of Charlotte  
Mecklenburg County  
B-5930  
50151.1.1  
50151.2.1  
50151.3.1

This Project consists of replacement of Municipal Bridge No. 443 on Sardis Lane over McAlpine Creek in Charlotte. This Supplemental Agreement is to increase funding. The Department shall participate in an additional amount not to exceed \$745,600 (80%) in federal funds. The Municipality will be responsible for providing an additional \$186,400 (20%) as their local match. The total estimated cost of the Project is \$1,916,000.

Union County  
R-3329  
34533.5.TA1

This Project consists of improvements on the US 74 Bypass from I-485 (Charlotte Outer Loop) to US 74 (Monroe Bypass). This Design-build Utility Construction Agreement is for the Department's contractor to adjust and/or relocate water and sewer lines. The County will reimburse the Department a fixed cost for the work. The cost to the County is \$584,291.13.

Mecklenburg County  
EB-5781  
46424.3.1

This Project consists of construction of a greenway from State Street to Rozzelles Ferry Road in Charlotte. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the BGDA funds allocation, not to exceed \$1,090,000. The Municipality will be responsible for providing the 20% (\$273,000) non-federal match for the BGDA funds authorized and all costs that exceed the total available funding (\$1,363,000).

Mecklenburg County  
EB-5785  
46431.3.1

This Project consists of construction of a greenway from Chilgrove Lane to Highway 73 in Charlotte. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the BGDA funds allocation, not to exceed \$ 2,479,200. The Municipality will be responsible for providing the 20% (\$619,800) non-federal match for the BGDA funds authorized and all costs that exceed the total available funding (\$3,099,000).

**Division 11**

Town of Blowing Rock  
Watauga County  
EB-5924  
47629.3.1  
44607

This Project consists of the construction of section 2 of the recreational Greenway Trail heading into Blowing Rock at the parking area adjacent to Tanger Outlet and running up to the north end of the Chestnut Ridge property. This Supplemental Agreement allows the reimbursement of eligible PE expenses incurred by the Municipality.

NCDOT April 4, 2019 Board of Transportation Agenda

**Division 12**

Town of Mooresville  
Corvid Technologies, LLC  
Iredell County  
48168

This Project consists of construction of a 1,970 ft access into the campus of a new Industrial Site from SR 1004 (Transco Road) in Mooresville. The Municipality and the Developer will be responsible for all phases of the Project. The Municipality shall reimburse the Developer for eligible costs related to the Project. The Department shall participate in the costs of the Project up to a maximum amount of \$1,500,000 in State Public Access, Contingency and Economic Development funds.

City of Hickory  
Catawba county  
EB-5977  
48473.1.1  
48473.2.1  
48473.3.1

This Project consists of construction of a 10-foot wide multi-use path from Main Avenue Drive NW to Old Lenoir Road/3<sup>rd</sup> Avenue NW to connect EB-5750 (City Walk) with EB-5911 (Old Lenoir Road Multi-Use Trail) in Hickory. The Municipality is responsible for the Project. The Department shall reimburse 80% of eligible expenses from federal funds not to exceed \$1,600,000. The Municipality shall provide the 20% (\$400,000) non-federal match and all costs that exceed the total estimated cost of \$2,000,000.

Gaston County  
C-5606M  
43728.1.13  
43728.2.13  
43728.3.13

This Project consists of construction of approximately 3,135 linear feet of sidewalk along Neal Hawkins Road in Gastonia. The County is responsible for the Project. The Department shall reimburse 80% of eligible expenses from federal funds not to exceed \$1,488,462. The Municipality shall provide the 20% (\$372,116) non-federal match and all costs that exceed the total estimated cost of \$1,860,578.

**Division 14**

Town of Franklin  
Macon County  
R-5734A  
50192.3.1

This Project consists of improvements on US 23/US 441 from US 64 to SR 1652 (Wide Horizon Drive)/SR 1152 (Belden Circle). This Utility Construction Agreement is for the Department's contractor to adjust and/or relocate water lines. The Municipality will be responsible for actual costs of the work performed by the Department. The estimated reimbursement is \$51,443.66.

NCDOT April 4, 2019 Board of Transportation Agenda

**Division 14, cont.**

US Geological Survey  
Buncombe County  
Henderson County

This Project consists of monitoring the hydrologic and geomorphologic disturbances throughout the French Broad River corridor during construction of the I-26 Connector. Streamflow, water-quality, and geomorphologic monitoring is scheduled to begin as soon as possible in 2019 and continue until construction is completed in 2023. Funding provided by the NCDOT will be partially matched by the USGS. The budget for the five year period is \$1,835,400 (70%) from the Agency and \$786,600 (30%) from USGS. The total budgeted cost is \$2,622,000.

Blue Ridge Southern Railroad,  
LLC (Railroad),  
Moonshine Creek Properties  
Jackson County  
80000.1.4.71

This Rail Freight Assistance Agreement shall be for the clearing, grading, and hydroseeding improvements necessary to address mountain slope failures at the Canton Subdivision, owned by Moonshine Creek Properties, near MP 35.6 in Jackson County. Work to include the clearing of vegetation and onsite piling tree debris along with grading a new slope cut at the top of the existing slide area. The entire grading area shall be hydroseeded. The Railroad will perform the work and the Department shall be responsible for the field review and verification of Project improvements, reviews of bid packages and related construction plans. The estimated cost of the Project is \$182,764.00. The Department will participate in the cost of the Project up to \$91,382.

USDA Forest Service  
National Forests of North  
Carolina  
Graham County  
R-2822B

This Amendment No. 1 Supplemental Agreement with the USDA Forest Service extends the original agreement date of the Category 6 Major Cost Recovery Agreement to 9/30/20 in lieu 12/15/2019 for the executed agreement between USDA Forest Service and the Department dated 8/28/2013.

## NCDOT April 4, 2019 Board of Transportation Agenda

SUMMARY: There are a total of 15 agreements for informational purposes only.

### Division 1

Town of Ahoskie  
Hertford County  
36249.3998

This Project consists of resurfacing improvements on First Street and placement of railroad crossing symbols on First Street, Church Street and Hayes Street in Ahoskie. The Department shall perform the work. The Municipality will reimburse the Department 100% for the work. The estimated reimbursement is \$340,875.

Barnhill Contracting Company  
Pasquotank County  
80096

This Project consists of installation of a traffic signal at the intersection of US 17 and SR 1305 (Sun Gro Drive). The Department shall perform the work and participate in 50% of the Project costs in High Impact/Low Cost State funds. The Developer will participate in 50% in the amount of \$40,000. The estimated cost of the Project is \$80,000.

### Division 3

Hawthorne at Smith Creek  
Apartment, LLC  
New Hanover County  
36249.3995

This Project consists of signal modifications at SR 2048 (Gordon Road) and Blount Drive and SR 2048 (Gordon Road) and NC 132 (North College Road)/I-40 eastbound ramps. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer will reimburse the Department 100% for the work. The estimated reimbursement is \$25,000.

Waterside Landco  
Pender County  
36249.3994

This Project consists of signal installation at NC 50/NC 210 (Roland Avenue) and JH Batts Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer will reimburse the Department 100% for the work. The estimated reimbursement is \$20,000.

City of Jacksonville  
Onslow County  
36249.4000

This Project consists of traffic signal modifications at US 17 Business (Marine Boulevard) and SR 1401 (Georgetown Boulevard) to include split side street phasing and pedestrian signals on the south leg of Georgetown Boulevard. 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.

## NCDOT April 4, 2019 Board of Transportation Agenda

### Division 3, cont.

Tribute Investment and  
Development, Inc.  
New Hanover County  
36249.3999

This Project consists of traffic signal modifications at US 17 (Military Cutoff Road) and Arboretum Drive/Arbor Court and signal coordination work along US 17 (Military Cutoff Road) to be performed by the Department related to the Arboretum West 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 Department of  
Environmental Quality,  
Albemarle-Pamlico National  
Estuary Partnership  
30001.96

This Project consists of fabrication and installation for Albemarle-Pamlico National Estuary signage at six locations in Divisions 3, 4, 5 and 7. The Department shall design and install the signs. The Agency shall reimburse the Department 100% of the actual cost of the work. The estimated cost is \$35,000.

### Division 4

Rosewood Fire Department  
(RFD)  
Wayne County  
36249.3962

This Project consists of upgrading the traffic signal on US 70 and NC 581 in Goldsboro with an Optical Emergency Vehicle Preparation System. The Department will prepare the plans and inspect the traffic signal improvements. The RFD will reimburse the Department 100% for the Department's work. The estimated reimbursement is \$3,500.

### Division 5

Town of Morrisville  
Wake County  
I-5700  
50118.3.GV1

The Project is to revise and widen the existing I-40 interchange at SR 3015 (Airport Blvd.) to a median divided facility with outside curb and gutter. The Project also includes replacing existing sidewalk with a ten-foot multi-use path and filling in the remaining missing sidewalk gaps. The Agreement is for the Municipality to maintain the sidewalk upon completion of the Project.

### Division 6

Elizabethtown  
Bladen County  
40226.3.2

This Project consists of landscape plantings along US 701 at the newly constructed interchange with NC 87 near the city limits of Elizabethtown. The Department shall install the plantings and the Municipality shall maintain them.

NCDOT April 4, 2019 Board of Transportation Agenda

**Division 7**

Keystone Homes  
Alamance County  
36249.3996

This Project consists of installation of a new traffic signal in conjunction with the Mebane Town Center development at the intersection of NC 119 (Fifth Street) at SR 1978 (Mebane Airport Road/London Lane). The Department will review the traffic signal plans and inspect the installation. The Developer shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated cost is \$5,000.

UNC Healthcare  
Orange County  
36249.3997

This Project consists of installation of traffic signal upgrades at the intersection of SR 1902 (Manning Drive) at Hospital Drive. The Department will review the traffic signal plans and inspect the installation. The Developer shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated cost is \$5,000.

**Division 8**

City of Laurinburg  
Scotland County  
36248.430

This Agreement is for the Department to provide general maintenance of streets within the Municipal limits as needed. The Town will provide 100% reimbursement of the actual costs of the work performed by the Department. Work may be charged against the Powell Bill number assigned to the Municipality.

**Division 10**

MT Land  
Union County  
36249.3993

This Project consists of the modification of a traffic signal at NC 75 (Waxhaw Highway/Franklin Street) and NC 84 (Weddington Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

## NCDOT April 4, 2019 Board of Transportation Agenda

### **Division 13**

The District Asheville, LLC  
Buncombe County  
36249.4001

This Project consists of the actuation and optimization of the traffic signal at the intersection of US 25A (Lodge Street) and London Road in Buncombe County. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

**NCDOT April 2019 Board of Transportation Agenda**

**Approval of Municipal Street System Changes**

**There will be no municipal street system changes presented for approval at the April 2019 Board meeting.**



## **NCDOT April 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 &amp; R-2</b>
<b>2</b>	<b>Final Right of Way Plans</b>	<b>R-3 &amp; R-4</b>
<b>3</b>	<b>Revisions of Final Right of Way Plans</b>	<b>R-5</b>
<b>4</b>	<b>Conveyance ROW Residue (HB 501)</b>	<b>R-6</b>
<b>5</b>	<b>Approval of Conveyance of Highway Right of Way Residues</b>	<b>R-7</b>
<b>6</b>	<b>Approval of Conveyance of Surplus Highway Right of Way</b>	<b>R-8</b>
<b>7</b>	<b>Approval of Revision in Control of Access</b>	<b>R-9</b>
<b>8</b>	<b>Advance Acquisition of Highway Right of Way</b>	<b>R-10</b>

## **NCDOT April 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)**

**Beaufort County; I.D. No. W-5702I; Project No. 44848.2.9:**  
NC 264 at NC 32

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

**Onslow County; I.D. No. U-5716; Project No. 50116.2.1:**  
NC 24 at US 258 (Richlands Highway) Intersection

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

**Wayne County; I.D. No. B-4844; Project No. 38614.2.2:**  
Bridge No. 117 over Northeast Cape Fear River on SR 1958 and SR 1502

#### **(Division 5)**

**Wake County; I.D. No. U-6096; Project No. 47916.2.1:**  
SR 2763 (Old Honeycutt Road) at SR 1301 (Purfoy Road) in Fuquay-Varina

#### **(Division 6)**

**Bladen County; I.D. No. B-5694; Project No. 45648.2.1:**  
Bridge No. 51 over a canal on NC 11

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

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

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

**Guilford County; I.D. No. U-5896; Project No. 44674.2.1:**  
US 29 / US 70 / Business 85 at SR 1009 (South Main Street) in High Point

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

**Montgomery County; I.D. No. R-2527; Project No. 35572.2.1:**  
NC 24 – NC 27 from NC 73 to the Troy Bypass

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

**Rowan County; I.D. No. W-5709E; Project No. 44855.2.550138.2.186:**  
NC 153 (Rice Street) at SR 1197 (Cannon Farm Road / Mt. Moriah Church Road) in China Grove

**Rowan County; I.D. No. P-5726; Project No. 47604.2.1:**  
Norfolk Southern Main Track

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

**Union County; I.D. No. W-5710AD; Project No. 44856.2.30:**  
SR 1005 (Landsford Road) and SR 1937 (Old Pageland Marshville Road)

**Mecklenburg County; I.D. No. C-5613D; Project No. 43735.2.4:**  
Addition of dual left turn lanes from NC 51 to Sam Newell Road and Trade Street

**Mecklenburg County; I.D. No. U-5767; Project No. 50180.2.1:**  
US 21 (Statesville Road) from Northcross Center Court to SR 2147 (Westmoreland Road)

**Mecklenburg County; I.D. EB-5832; Project No. 47248.2.1:**  
SR 2472 (West Mallard Creek Church Road) from SR 2467 (Mallard Creek Road) to approximately 600 feet past Claude Freeman Drive in Charlotte

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

**Cleveland County; I.D. No. B-5531; Project No. 55031.2.1:**  
Bridge No. 76 over Buffalo Creek on NC 150

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

**Burke County; I.D. No. EB-5807; Project No. 46464.2.1:**  
Morganton Downtown Greenway Connector from the existing Downtown Greenway to the Catawba River Greenway

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

**Henderson County; I.D. No. I-4400BB; Project No. 34232.2.10:**  
I-26 from US 64 (Exit 49) to US 25 Business (Exit 44)

**Jackson County; I.D. No. R-5600; Project No. 45818.2.2:**  
NC 107 from NC 116 to US 23 Business from SR 1432 (Skyland Drive) to Municipal Drive (UTILITIES)

## **NCDOT April 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. 40089.2.1; Bertie County; I.D. No. B-4916:**

Drainage, grading, paving and structure on Bridge No. 57 over Quioccosion Swamp on US 13 with the right of way indicated upon the final plans for said project.

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

##### **Project No. 41582.2.2; Brunswick County; I.D. No. R-5021:**

Drainage, grading, paving, signals and structure on NC 211 from SR 1500 (Midway Road) to NC 87 with the right of way indicated upon the final plans for said project.

#### **(Division 5)**

##### **Project No. 45982.2.1; Durham County; I.D. No. U-5968:**

ITS Signals in City of Durham upgrade ITS / Signal System with the right of way indicated upon the final plans for said project.

##### **Project No. 45634.2.1; Vance County; I.D. No. B-5679:**

Drainage, grading, paving and structure on Bridge No. 70 over Flat Creek on SR 1326 with the right of way indicated upon the final plans for said project.

##### **Project No. 17BP.5.R.78; Warren & Franklin Counties; I.D. No. N/A:**

Drainage, grading, paving and structure on Bridge No. 140 over Little Shocco Creek on SR 1647 with the right of way indicated upon the final plans for said project.

##### **Project No. 17BP.5.R.86; Wake County; I.D. No. N/A:**

Drainage, grading and paving on Bridge No. 186 over a creek on SR 2329 (Lizard Lick Road) with the right of way indicated upon the final plans for said project.

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

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

#### **(Division 5) (continued)**

**Project No. 38664.2.FD1; Durham County; I.D. No. EB-4707A:**

Drainage, grading, paving and signals on SR 1838 / SR 2220 (Old Durham Road) from US 15 / US 501 in Orange County to SR 1113 (Pope Road) in Durham County with the right of way indicated upon the final plans for said project.

**Project No. 46379.2.1; Granville County; I.D. No. R-5707:**

Drainage, grading and paving on NC 56 – at US 15 and NC 50 in Creedmoor realign intersections with the right of way indicated upon the final plans for said project.

**Project No. 46040.2.1; Wake County; I.D. No. B-5326:**

Drainage, grading, paving and structure on Bridge No. 247 over White Oak Creek on SR 2555 with the right of way indicated upon the final plans for said project.

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

**Project No. 40174.2.1; Orange County; I.D. No. B-4962:**

Drainage, paving, grading and structure on Bridge No. 46 over Eno River on US 70 Bypass with the right of way indicated upon the final plans for said project.

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

**Project No. 48037.2.2; Jackson County; I.D. No. B-5905:**

Drainage, paving, grading and structure on Bridge No. 27 over Scott Creek and Southern Railroad on US 23 Business with the right of way indicated upon the final plans for said project.

## **NCDOT April 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) 27, 30 & 31 as presented at the April 4, 2019 Board of Transportation Meeting.

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

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

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

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

**Project 34440.2.6, R2510B Parcel 013, US 17 from south of SR 1149 Price Road and US 17 to north of SR 1509 Springs Road  
Beaufort County**

Conveyance of an approximate 2.289-acre landlocked B-class residue area to Northgate Homes, L.L.C. for the highest offer amount of **\$1,500.00**; commission \$200.00

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

**Project 9.8123136, U-0088A Parcel 128, Industrial Blvd. in Statesville from 9<sup>th</sup> St. to east of Shelton Ave. and from west of Rickert St. to I-77  
Iredell County**

Conveyance of an approximate 0.090-acre landlocked C-class residue area to Statesville Housing Authority for the highest offer amount of **\$184.00**; commission \$27.00

## **NCDOT April 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 2)**

**Project 34414.2.3, Parcel R-2301A 004D, US 17 at its Intersection with Tuscarora Rhems Road  
Craven County**

Conveyance of an approximate 0.24-acre residue area to State of NC, NC Wildlife Resources Commission for no consideration. NC Wildlife Resources Commission has been very helpful with highway claim the Department has had with them and this 0.24 acre will be a good addition to their Rhems Depot Tract.

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

**Project 35801.2.1, Parcel U-3810 064 and 071, SR 1406 (Piney Green Road) from US 17 to NC 24 widen to multi-lanes  
Onslow County**

Conveyance of an approximate 0.65-acre residue area, containing Public Use Reverter Clause, to The City of Jacksonville for no consideration.

**Project 9.8031453, Parcel U-1453P 021, Chaney Avenue Extension from Court Street to Chaney Avenue in Jacksonville  
Onslow County**

Conveyance of an approximate 0.06-acre residue area, containing Public Use Reverter Clause, to The City of Jacksonville for no consideration.

**Project 33560.2.1, Parcel B-4214 018, Bridge No. 24 over New River on US 17 Business (Marine Blvd.)  
Onslow County**

Conveyance of an approximate 0.32-acre residue area, containing Public Use Reverter Clause, to The City of Jacksonville for no consideration.

#### **(Division 6)**

**Project 34866.2.2, Parcel U-2810 030, 034 & 035, SR 1003 (Camden Road) from NC 59 (Hope Mills Road) to SR 1007 (Owen Drive)  
Cumberland County**

Conveyance of an approximate 1.20-acre residue area to Douglas L. Horne, the highest bidder after public advertisement, for the bid sum of \$11, 800.00.

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

**Project N/A, Purchased as an Advance Acquisition – Not Built, Intersection of South Main Street (US 221 Business) and Morgan Street  
McDowell County**

Conveyance of an approximate 0.583-acre residue area to City of Marion for no consideration to be used as a Park.



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

### **Approval of conveyance of Surplus Highway Right of Way**

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

#### **(Division 5)**

##### **Project N/A, Walnut Street Improvements, Phase 2, Town of Cary Wake County**

Disposal of approximately 0.030-acre of Permanent Drainage Easement acquired by the Town of Cary and then transferred for maintenance to NCDOT. The Fee Simple Interest was never conveyed to NCDOT. TRI-ARC Food Systems, Inc. has requested the Department to abandon the 0.030-acre area. Therefore, this is to request authority for the Manager of Right of Way Unit to execute the appropriate instrument.

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

##### **Project 8.U672214, NC 24 (WT Harris Blvd) at SR 2082 (Treyburn Drive) in City of Charlotte (R-2248D 010A) Mecklenburg County**

Disposal of approximately 0.304-acre of surplus right of way to Innkeeper Motor Lodge, Inc. for the enhancement value of \$58,200.00.

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

### **Approval of Revision in Control of Access**

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 7)**

##### **Project 34429.2.2, R-2413A, NC 68 North of the I-73 Interchange in Greensboro Guilford County**

Break in the control of access on NC 68 North of the I-73 interchange to East Wind Development Company, LLC for no consideration

## **NCDOT April 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 5**

**Property of Wayne Yeargan  
I.D. No. U-5516, Parcel #900,  
WBS 43610.1.1, F. A. Project N/A,  
County of Durham**

**Property of Sarah Valanejad  
I.D. No. U-2901B, Parcel #900,  
WBS 34877.1.6, F. A. Project N/A,  
County of Durham**

**Property of Mert Johnson and Barbara Thompson  
I.D. No. U-5518, Parcel #903,  
WBS 43612.1.5, F. A. Project N/A,  
County of Durham**

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2018 - 2019**

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

There are no Comprehensive Transportation Plans to be presented for approval at the April 4, 2019 Board of Transportation Meeting.

## NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the April 4, 2019, Board meeting.

## **Committee Reports**

**FAST Committee** – Committee Chair Lathrop provided a summary of the committee's meeting topics, Cash Balance Update, Updated on Actions Federal Government and other state DOT's, and a progressive and conservative view of tax principles.

**Road Naming Committee** - Committee Chair Fox provided a summary of the committee's meeting topics, Review of Submitted Applications, Harold Lee Frank Highway, Nathan Larry Lee Highway, Mac Campbell Jr., Lyndo Typett, Airborne & Special Operations Highway Overlay and the Policy Update Discussion.

**Highway Committee** – Committee Chair Tarleton provided a summary of the committee's meeting topics, and Bridge Preservation Update.

**Economic Development and Intergovernmental Relations (EDIR) Committee** – Committee Member Overholt provided a summary of the committee's meeting topics and presented a presentation on Fleet Readiness Center East.

Chairman Fox reminded members of the Board that the next meeting of the Board will be April 30, May 1 and 2, 2019 in Fayetteville, NC.

## Adjournment

There being no further business of the Board, Chairman Fox accepted a motion from Board Member Overholt, seconded by Board Member Perkins to adjourn the meeting at 10:50 am.



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

Chairman Fox

North Carolina Board of Transportation

Attest: A handwritten signature in cursive script, appearing to read "Chishelle Moore".

Secretary to the Board of Transportation

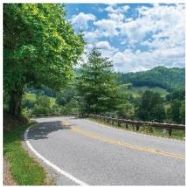
Dated this day 4<sup>th</sup> April 2019.





## **NORTH CAROLINA**

Department of Transportation



# Prioritization 6.0 Update

Jason Schronce, P.E.  
Strategic Prioritization Office (SPOT)

April 3, 2019

# Prioritization 6.0

## **§ 136-189.11. Transportation Investment Strategy Formula.**

*(h) Improvement of Prioritization Process. – The Department shall endeavor to continually improve the methodology and criteria used to score highway and non-highway projects pursuant to this Article, including the use of normalization techniques, and methods to strengthen the data collection process. The Department is directed to continue the use of a workgroup process to develop improvements to the prioritization process.*

Purpose: Provide recommendations to NCDOT on prioritization criteria, weights, and scoring process for all modes

# P6.0 Workgroup Meetings

Meeting once a month from October 2018 to May 2019

- Subcommittees in between (technical items / details)

Consensus recommendations to date:

- Committed Projects Definition
- Local Input Points
- Normalization
- Number of Submittals (projects to evaluate in P6.0)
- **Highway Mobility Default Criteria Weights**
- **Ferry Criteria, Measures, and Weights**
- **Public Transportation Criteria, Measures, and Weights**
- **Rail Criteria, Measures, and Weights**
- **Bike/Ped various scoring elements**

# Highway Scoring Components

## Mobility Scoring:

- Adding capacity to the road (widening, new location, intersection/interchange or access management)

## Modernization Scoring:

- Modernize Roadway – bring up to design standards
- Upgrade Freeway to Interstate Standards

# Proposed Mobility Hwy Criteria & Weights

Funding Category	<u>QUANTITATIVE</u>		<u>LOCAL INPUT</u>	
	Data		Division	MPO/RPO
<b>Statewide Mobility</b>	Congestion = 30% Benefit-Cost = 25% Freight = 25% Safety = 10% Economic Comp. = 10%	100%	--	--
<b>Regional Impact</b>	Congestion = 20% Benefit-Cost = 20% Safety = 10% Accessibility/Connectivity = 10% Freight = 10%	70%	15%	15%
<b>Division Needs</b>	Congestion = 15% Benefit-Cost = 15% Safety = 10% Accessibility/Connectivity = 5% Freight = 5%	50%	25%	25%

Note: Continued use of Area-Specific Criteria Weights <sup>8092</sup>

# Ferry Scoring

Criteria	Measure	Regional Impact (70%)	Division Needs (50%)
Asset Condition	100 - Asset Condition Rating	15%	15%
Benefits	Number of hours (in \$) saved compared to driving	10%	10%
Accessibility/ Connectivity	# of nearby Points of Interest	10%	10%
Asset Efficiency	3-year maintenance cost / 3-year replacement cost	15%	15%
Capacity/ Congestion	% of vehicles left behind at each departure compared to total carried by the route	20%	-

# Transit Scoring: Mobility

Criteria	Measure	Regional Impact (70%)	Division Needs (50%)
Impact	Number of trips affected by project	15%	10%
Demand/ Density	Total Trips / Service population	20%	10%
Efficiency	Total trips / Total revenue seat hours	10%	10%
Cost Effectiveness	Additional trips / (Cost to NCDOT / Lifespan of project)	25%	20%

## Project Types:

- Route-specific vehicles (new or expansion only)
  - Fixed guideway vehicles, fixed route vehicles, deviated fixed route vehicles
- Corridors
  - Fixed guideway (commuter rail, intercity rail, light rail)
  - Bundle of vehicle + other (ex. stops / shelters, park and rides, bus pullouts)
  - Bus Rapid Transit (BRT) or Bus on Shoulder System (BOSS) / Busway

# Transit Scoring: Demand Response

Criteria	Measure	Regional Impact (70%)	Division Needs (50%)
Impact	Number of trips affected by project	10%	10%
Demand/ Density	Total hours with the project in place / Service population	20%	15%
Efficiency	Vehicle Utilization Ratio	15%	10%
Cost Effectiveness	Additional trips / (Cost to NCDOT / Lifespan of project)	25%	15%

## Project Types:

- Demand Response vehicles (expansion only)



# Transit Scoring: Facilities

Criteria	Measure	Division Needs (50%)
Impact	Number of trips affected by project	15%
Demand/ Density	Ridership Growth Trend for the Previous 5 Years	10%
Efficiency	Efficiency Score	10%
Cost Effectiveness	Additional trips / (Cost to NCDOT / Lifespan of project)	15%

## Project Types:

- Passenger stations
- Individual or bundled stops/shelters or park-n-ride lots
- Administrative / Maintenance buildings

# Rail Scoring

Criteria	Measure	Statewide Mobility* (100%)	Regional Impact (70%)	Division Needs (50%)
Benefit-Cost	Benefit-Cost score	35%	25%	10%
System Opportunities	(Accessibility/Conn score x 50%) + (Multimodal score x 50%)	15%	10%	15%
Safety	Safety score	30%	15%	10%
Capacity and Diversion	(Volume/Capacity score x 75%) + (Highway Diversion score x 25%)	10%	10%	10%
Economic Competitiveness	Economic Competitiveness score	10%	10%	5%

\*Only Class I Freight projects eligible in Statewide Mobility  
 Passenger Rail only eligible for Regional Impact and Division Needs

# Bike/Ped Scoring Components

Combining of Accessibility and Connectivity Measures

Automated scoring enhancements for  
Safety and Accessibility / Connectivity criteria

More flexible bundling of projects

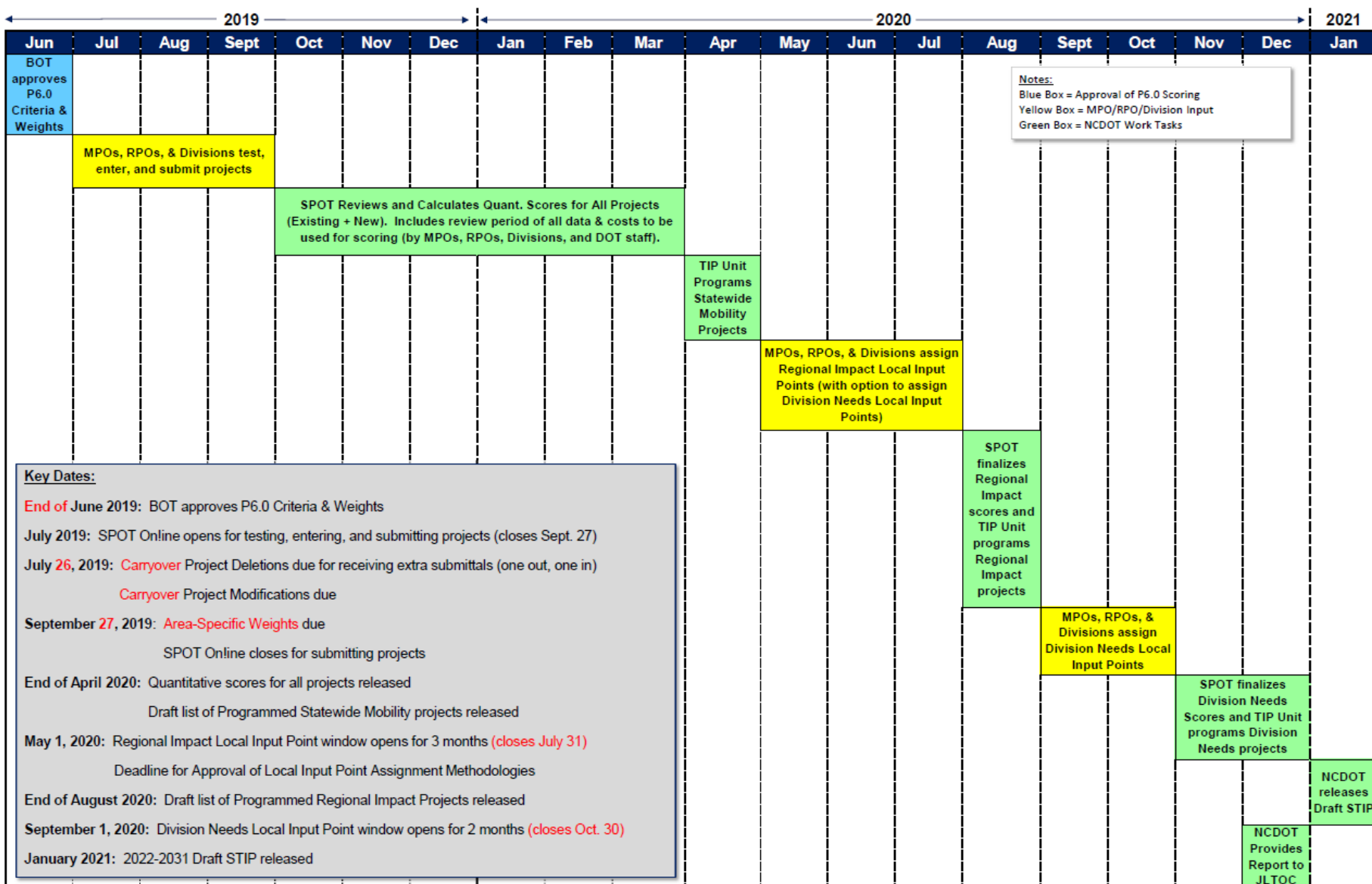
# P6.0 Workgroup Meetings

## Continued / Upcoming Topics on 4/29/2019:

- Highway Improvements:
  - Modernization Criteria, Measures, and Weights
- Non-Highway Improvements:
  - Finalize Bicycle/Pedestrian Criteria, Measures, and Weights
  - Finalize Aviation Criteria, Measures, and Weights

**Present final P6.0 WG recommendations to Board at May meeting for consideration of approval in June.**

## Prioritization 6.0 Schedule



# Contact Information

## STRATEGIC TRANSPORTATION INVESTMENTS

*Smart decisions to keep North Carolina moving.*

**Jason Schronce, P.E.**

SPOT Manager  
Prioritization Office (SPOT)  
Highway Mode  
(919) 707-4646  
[jschronce@ncdot.gov](mailto:jschronce@ncdot.gov)

**Sarah E. Lee**

Prioritization Office (SPOT)  
Non-Highway Modes  
(919) 707-4742  
[selee@ncdot.gov](mailto:selee@ncdot.gov)

**Austin Chamberlain**

Prioritization Office (SPOT)  
TOP3s / GIS Support  
(919) 707-4650  
[sachamberlain@ncdot.gov](mailto:sachamberlain@ncdot.gov)

<https://www.ncdot.gov/sti>  
[spot@ncdot.gov](mailto:spot@ncdot.gov) (Jason, Sarah, Austin)



## **NORTH CAROLINA** Department of Transportation



# North Carolina Statewide Transportation Plan – NC Moves 2050

*NC Board of Transportation – April 3, 2019*



# Plan Development: Accomplishments



## Engagement

- Website
- 3,600 survey responses
- Video
- 3 Tabling Events
- Social media engagement
- Fact sheets
- MPOs/RPOs



## Stakeholders

- 2 Working Group meetings
- Outreach to over 150 agencies
- 4 workshops
- Draft vision statement



## State of the System

- Interviews with agency leads
- Reviewed existing report
- State of the System Report
- Modal fact sheets

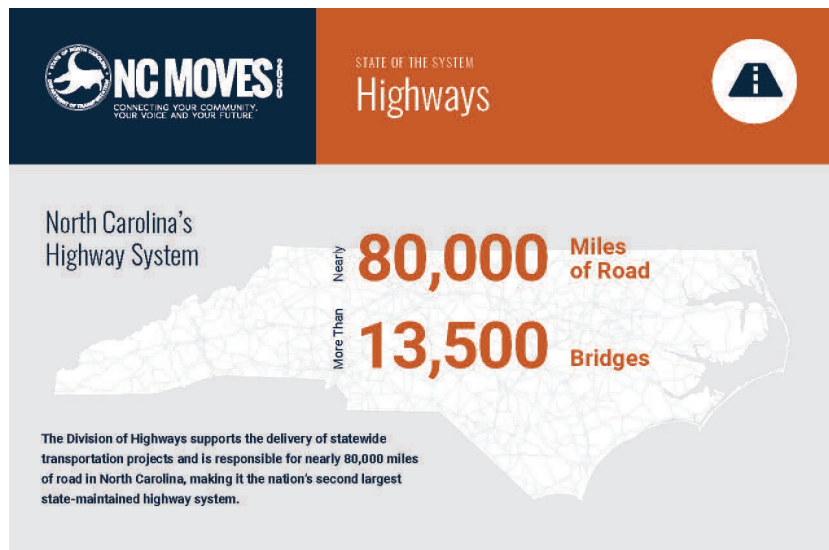


## Changes and Uncertainties

- Peer review
- Conducted research
- Interviewed SMEs
- Developed white papers and fact sheets



# State of the System



## Traffic Safety

In 2016 **42%** of people killed on NC roads were unbuckled at the time of the crash.

In 2016 **20%** of crashes in NC involved a driver that was distracted.

More Than **525** traffic cameras

Across the state allow NCDOT to monitor conditions to quickly respond to incidents and alert motorists through more than 300 dynamic message signs.

Source: North Carolina 2016 Traffic Crash Facts, North Carolina Division of Motor Vehicles



## State of the System – Highways

### The North Carolina Priority Freight Network (NCPFN)

North Carolina's freight system plays a critical role every day for every resident and business – delivering goods to the state's businesses and residents, keeping manufacturing plants operating, the store shelves stocked, medicine flowing at area medical facilities, and food on the table.

Freight transportation supports jobs throughout the state's economy, including in all of North Carolina's key exporting industries.

The state's freight assets that are most critical to highway freight transportation include:

**4,220** Highway miles

**1,011** Miles in North Carolina on the National freight network

### Truck-Parking

The inventory of truck-parking facilities in North Carolina consists of 167 parking facilities that supply nearly 4,800 parking spaces throughout the state.

Approximately 59 percent of these facilities are private and 41 percent are public; however, about 85 percent of the truck parking spaces are private.

### Challenges in Highway Freight

- Congestion
- Bridges and pavements
- Crash hotspots
- Truck parking
- Two-lane rural freight routes
- Technological changes

Source: NCDOT 2017 North Carolina Statewide Multimodal Freight Plan

**77%**

Of goods move across North Carolina's transportation system by truck

## PROTECT • ENHANCE • GROW

### NextGen Truck Technology

North Carolina is a leader in the knowledge economy and a hub for research and development for all things technology, especially truck manufacturing. Combining this with the state's expansive highway system positions North Carolina to take advantage of this opportunity.



For information about the content of this fact sheet:  
**Division of Highways**  
919-707-2500  
1536 Mail Service Center  
Raleigh, NC 27699-1534

For information about the NC Moves 2050 Plan:  
**Transportation Planning Division**  
919-707-0900  
ncmoves@ncdot.gov  
1534 Mail Service Center  
Raleigh, NC 27699-1534



# Change is Coming

- NC Moves 2050



2019

2050?

110 years

30 years



# Changes and Uncertainties

## Demographics



North Carolina is anticipated to grow by nearly **4 million people** by 2050.

## Economy



**Health care and Technology** based economies will continue to grow, while **store-based retail declines**.

## Tourism



90% of North Carolina's **46 million annual travelers** drove to the state in 2017.

## Partnerships



**Strengthen existing** partnerships (such as Military) **Build new ones** with the private sector and non-profits.

# Changes and Uncertainties

## Funding



Total funding for NCDOT is expected to **grow slower than inflation.**

## Technology



Automated vehicles may be the **majority of new vehicle sales** in as soon as 20 years.

## Security



Rail, maritime, air, and roadway environments are all potential sites for **emergencies or security breaches.**

## Resiliency



The coastline is likely to experience sea level rise **at or above the global mean sea level.**

# Alternative Futures

## Drivers/Opportunities

Vital signposts that might be important indicators of emerging shifts and new opportunities

- Demographic
- Economy
- Technology
- Funding
- Resiliency
- Security
- Tourism
- Partnerships

## Alternative Futures

Transportation's future will be determined by the interplay of impossible-to-predict changes

in technology, the environment, global and local politics, the economy, and society.

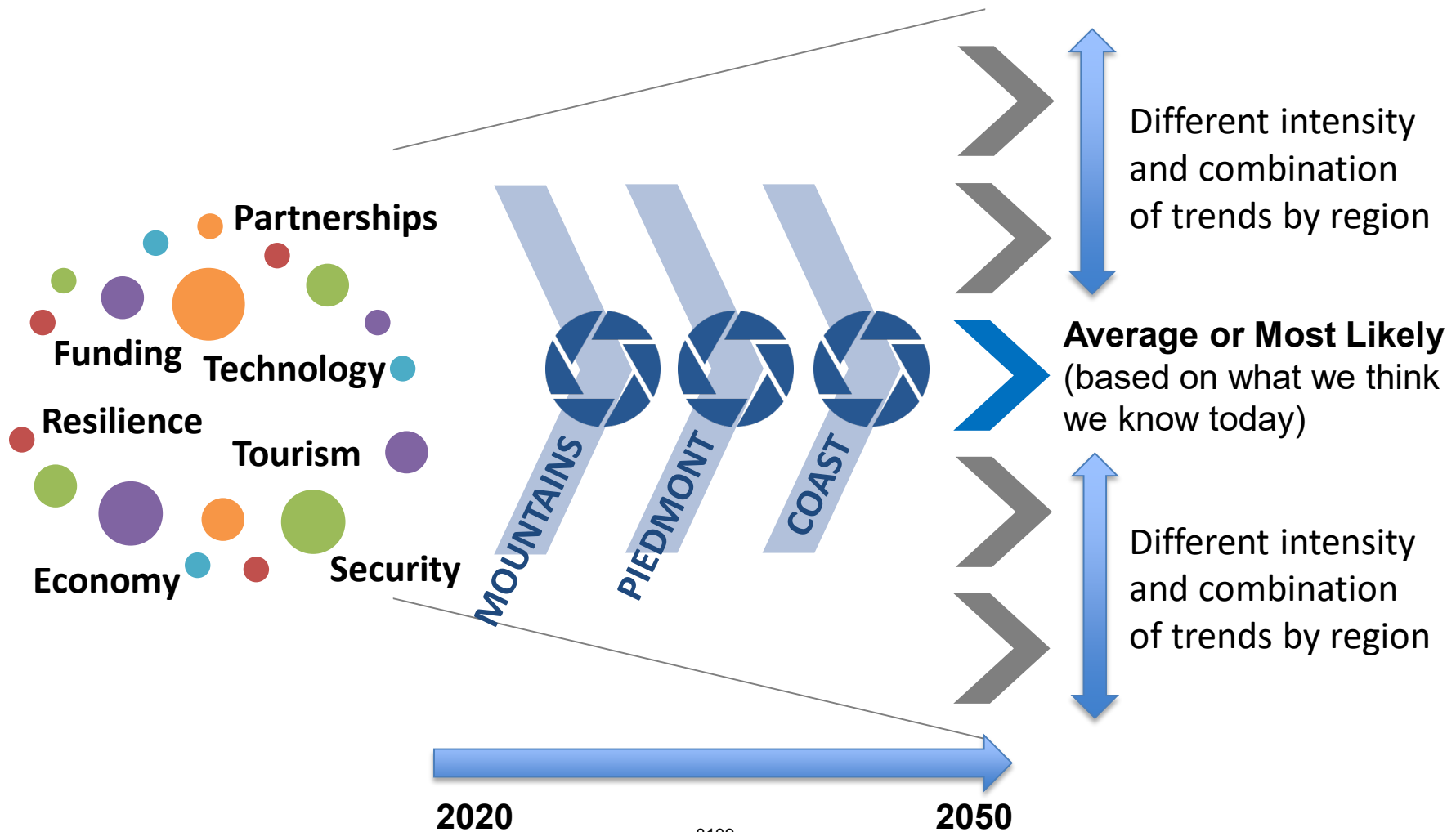
Business may be as usual, but a range of alternate scenarios that each come with different transportation implications may be equally plausible.

## Investment Implications

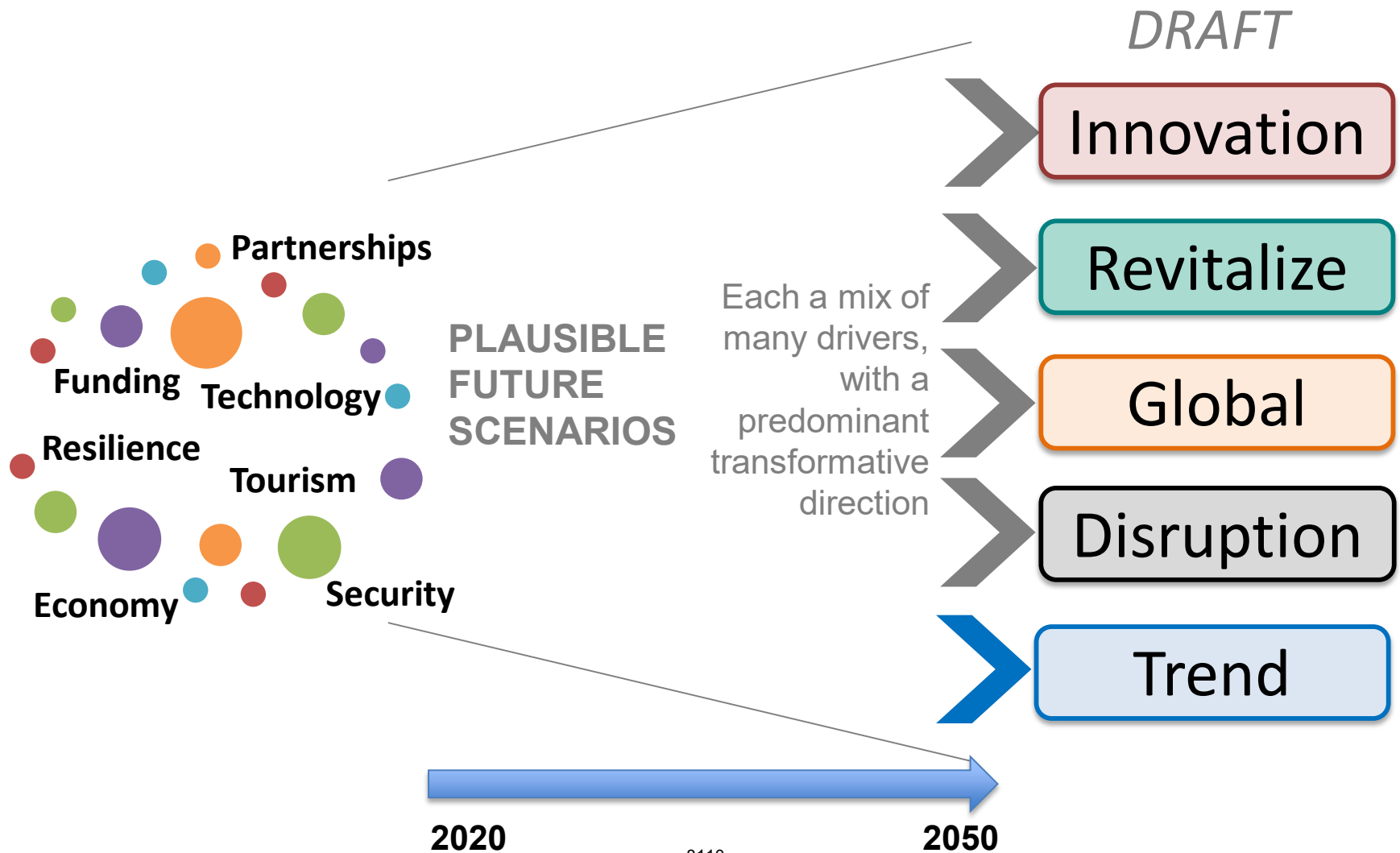
**Scenario planning is a tool for managing uncertainty**

that can help NCDOT look into the future, anticipate events and trends, understand risk, gather ideas for proactive organizational response, and help decision makers break out of their established methods and models as they become aware of alternative future possibilities.

# Alternative Futures

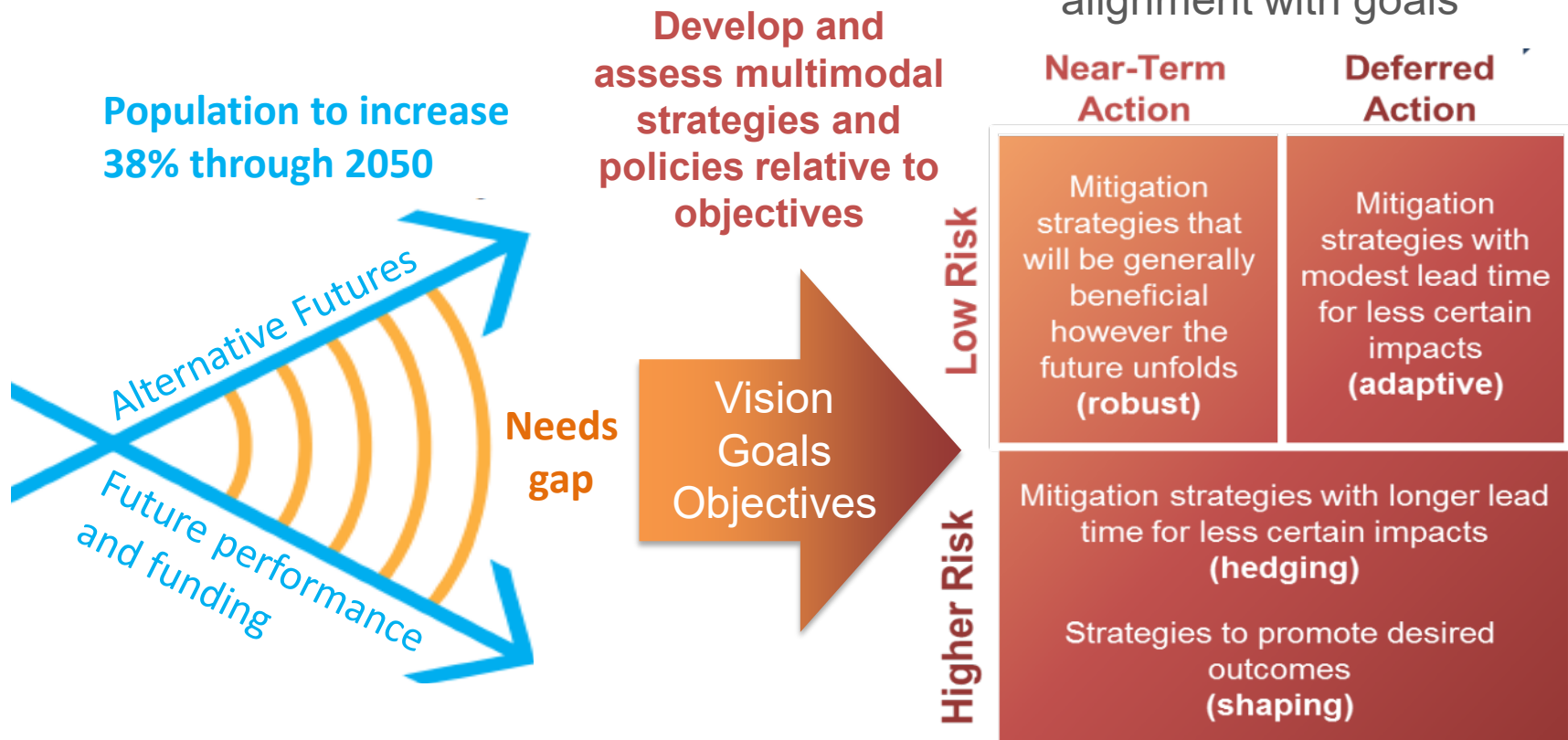


# Alternative Futures



# Strategies and Plan

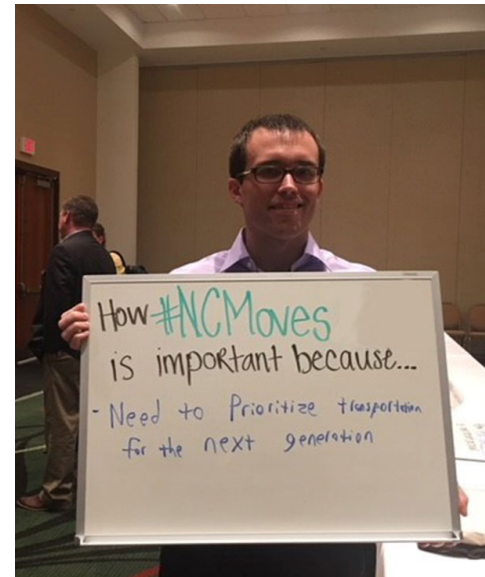
Create a short and long-term plan of policies and strategies that consider trade-offs and alignment with goals



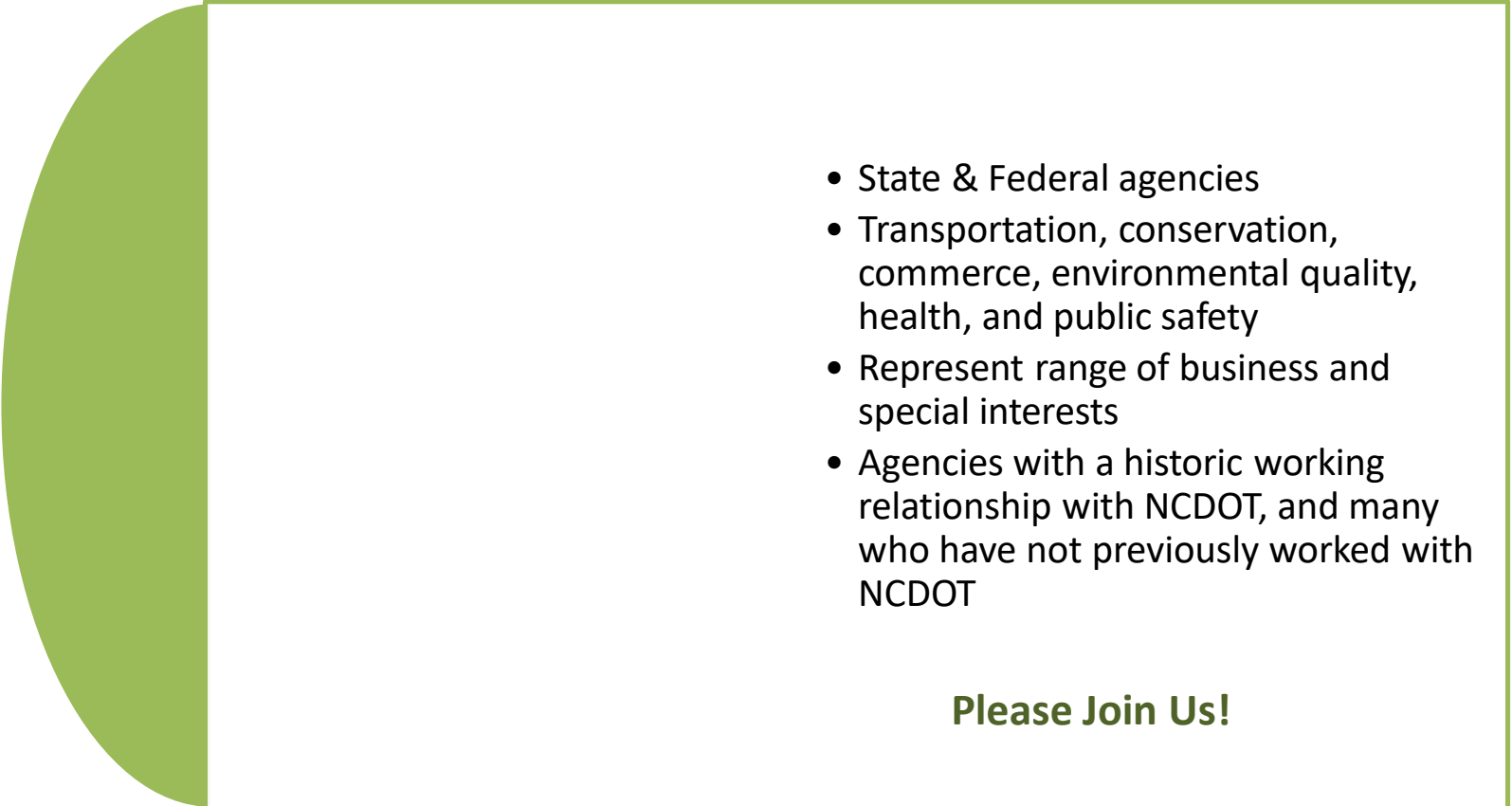


# Statewide Engagement

- Survey #2 runs April - May 2019
- Implement Outreach Plan
- Spring 2019 Tabling Events
  - Azalea Festival (April 6-7)
  - Mt Olive Pickle Festival (April 13)
  - DMV Special Event (Raleigh, April 13 and Greensboro, April 27)
  - Raleigh Transportation Fair (May 6)
  - The planning for several others is underway
- Leverage social media to promote NC Moves 2050
  - #NCMOVES
  - NCDOT.GOV/NCMOVES
  - Follow us on Facebook, Twitter, Instagram

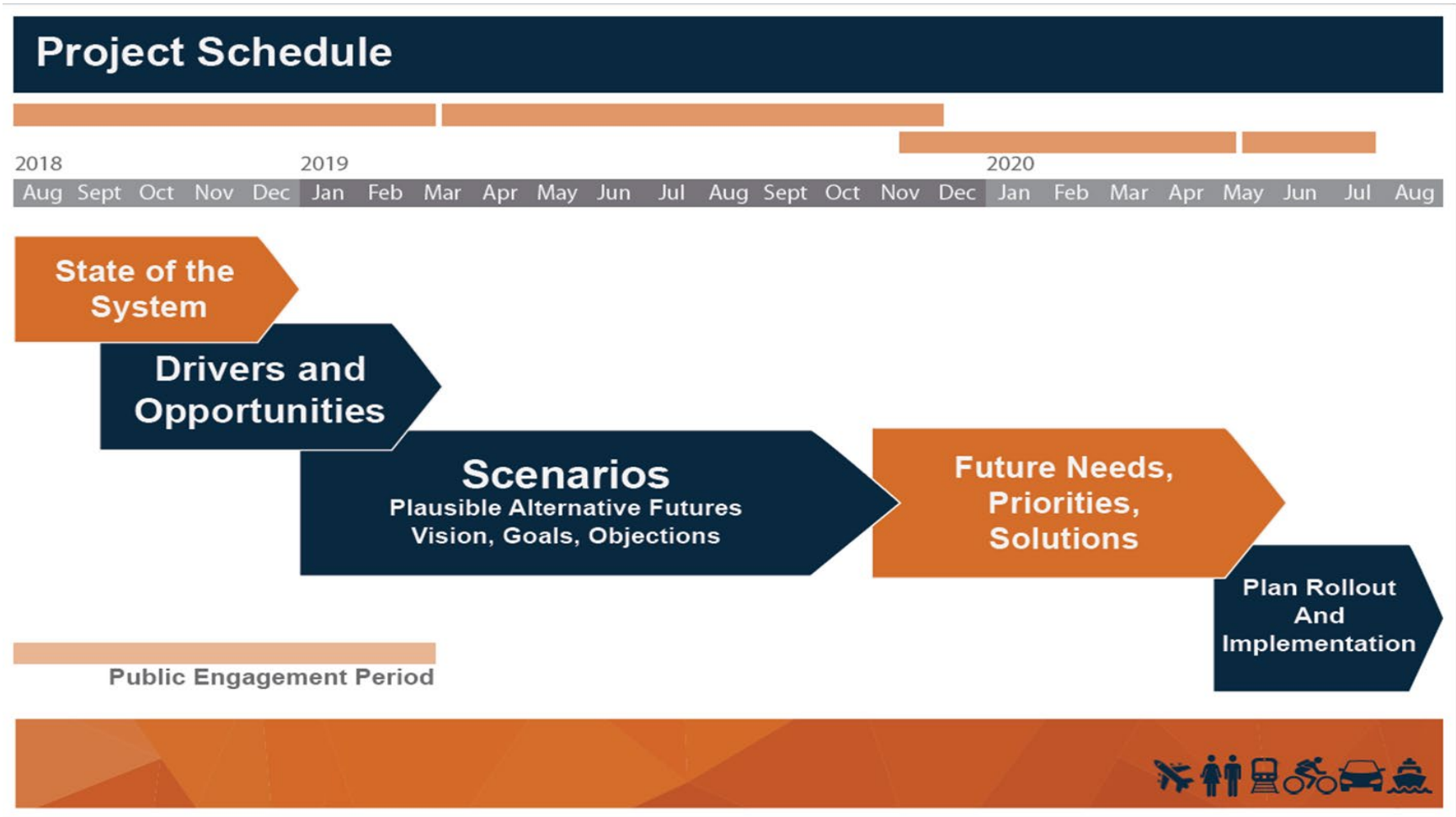


# Engaging our Partners/Stakeholders

- 
- State & Federal agencies
  - Transportation, conservation, commerce, environmental quality, health, and public safety
  - Represent range of business and special interests
  - Agencies with a historic working relationship with NCDOT, and many who have not previously worked with NCDOT

**Please Join Us!**

# Next Steps / Project Schedule





# NC MOVES <sup>2050</sup>

## #NCMOVES



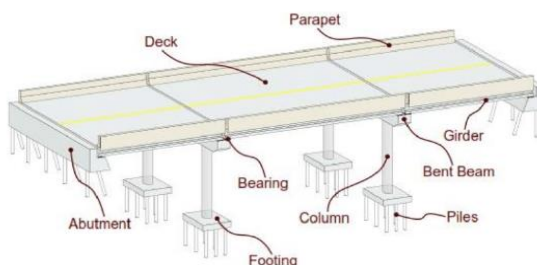
North Carolina Department of Transportation  
Transportation Program Management Unit - Value Management  
Innovative Technologies and Products Awareness Report  
April 3, 2019



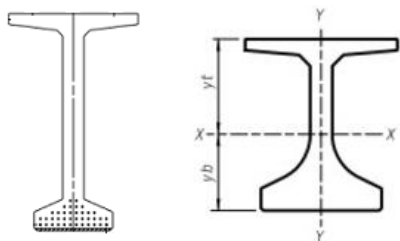
## PRODUCT HIGHLIGHT – F.I.B.

Girders are used in bridges as the main horizontal supports for the deck. There are many types of girders used for varying bridge scenarios that are dependent on bridge geometry, bridge length, and bridge height. A girder that has recently become more common and used in North Carolina is the Florida I-Beam (F.I.B.), which was first developed and used by Florida DOT in 2009.

Example of a bridge diagram found on Google Images to identify the location of the girders on a typical bridge section.



Bonner Bridge Project 8/29/2018  
Photo: Coastal Times



Cross-section drawings of a typical girder (left) and F.I.B. (right).

The Florida I-Beam (F.I.B.) girders can be designed to span further than typical girders of similar size due to the cross section. The cross section of the girders (see image to the left) contains a wider and rounded bottom flange than typical girders. This design provides support more efficiently and allows for additional reinforcement in the web – the middle of the cross section. The girders can possibly reduce the number of bent substructures required and, depending on the geometry, could eliminate a girder line due to the efficiency of the cross section. The efficiency can result in cost savings for the Department. These beams were used on the Bonner Bridge project and Topsail Island bridge project and were found to be very successful. The Structures Management Unit is developing standards for these to increase their use on NCDOT projects.

## PRODUCT INNOVATION – Scissor Bridge



NC 147 Bridge

A scissor bridge places the bridge girders perpendicular to traffic. Typical layouts have girders running parallel with the traffic flow. It is used in intersection locations where the skew of the bridge is connecting alignments that create a tight skew on the bridge. In these situations, additional land would be needed to reconfigure the two roads, or a scissor bridge could be used. The scissor bridge uses only a small portion of the deck (as seen in the images) for the travel lanes.



NC 147 Bridge in Durham County  
Photo: RS&H

This method was successful on the I-295 and All American Freeway interchange in Fayetteville, NC. Based on that success and similar conditions, the same method was applied to the connector of US 70 and NC 147 in Durham as shown in the images.