

I N D E X
BOARD OF TRANSPORTATION MEETING
June 29, 2017

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BOARD OF TRANSPORTATION MEETING

June 29, 2017

Call to Order

Chairman Fox called the meeting of the Board of Transportation to order at 9:00 a.m. on Thursday, June 29, 2017, in Raleigh, North Carolina with the following members present: Moran, Overholt, Zimmer, McComas, Tulloss, Jordan, Szlosberg-Landis, Hunt, Fox, Wells, Dodson, Lathrop, Tarleton, Pope and Debnam.

Board members Hutchens, Molamphy, Perkins and Clarke were absent.

Ethics Statement

Chairman Fox read the Ethics Statement advising any Board Member that may have a conflict of interest or appearance of conflict to abstain from participation in that particular item and to file the proper paper work with the Secretary to the Board.

Approval – Minutes of the June 1, 2017, Board Meeting

The minutes of the June 1, 2017, Board of Transportation meeting were unanimously approved upon a motion by Board Member Tarleton, seconded by Board Member Debnam.

Approval – Minutes of the May 31, 2017, Closed Session Meeting

The minutes of the May 31, 2017, Closed Session meeting were unanimously approved upon a motion by Board Member Tulloss, seconded by Board Member Moran.

Resolution for Frank V. Avent

Board Member Tulloss presented the Resolution naming a portion of NC 125 from State Road 1100 to the Hobgood town limits as the Frank V. Avent Highway. The Resolution was unanimously approved upon a motion by Board Member Tulloss, seconded by Board Member Overholt.

Resolution for Jimmy Goins

Board Member Hunt presented the Resolution naming the portion of NC 71 from Red Hill Road to the Buie-Philadelphus Road as the Jimmy Goins Highway. The Resolution was unanimously approved upon a motion by Board Member Hunt, seconded by Board Member Pope.

Resolution for Roger West

Board Member Debnam presented the Resolution naming Bridge #274 over the Valley River on Casino Parkway in Cherokee County as the Roger West Bridge. The Resolution was unanimously approved upon a motion by Board Member Debnam, seconded by Board Member McComas.

Chairman's Remarks

Chairman Fox welcomed all guests and turned the meeting over to the Secretary.

Secretary Trogdon's Remarks

Secretary Trogdon welcomed everyone. He noted that Commerce Secretary Tony Copeland's mother passed away yesterday and asked Board Members and staff to remember the Copeland family in their prayers.

The Secretary stated he was pleased to have Secretary Hooks joining us, along with Adjutant General Lusk, Commander McNeill and Mr. Falconer. He said their attendance was certainly timely as we headed into the busy holiday travel week and worked to reiterate the importance of celebrating responsibly and not drinking and driving.

Secretary Trogdon noted that the Booze It and Lose It "Operation Firecracker" campaign kicked off on June 29 and runs through July 9th—and law enforcement will have stepped-up patrols and checkpoints throughout the state to help stop impaired drivers. He thanked those involved with this important safety initiative, and everyone for continuing to make smart decisions behind the wheel. He also thanked the guests for joining the meeting and for their ongoing partnership and support in protecting citizens.

The Secretary welcomed Allen Thomas as a new staff member. The Secretary stated that Allen Thomas is the former Mayor of Greenville and was recently named as the new Executive Director of the Global TransPark in Kinston.

He noted that we are also saying good bye to several valuable high-level team members who have worked with this board as they retire this summer. He stated that he wishes them the best of luck and thanked them for their outstanding service to our department and state: Ed Green, Division 14 Engineer; Paul Worley, Rail Director; and Don Nail, GHSP Director.

The Secretary noted that the Board has been provided the updated draft State Transportation Improvement Program, which is the 10-year plan for transportation projects across the state. The final version of the plan will be presented to the Board for approval at the next meeting the first week of August.

He stated that the plan has been revised based on updated revenue projections and now includes an additional 144 projects totaling \$2.5 billion. Efforts to streamline project delivery are also allowing us to complete more projects in the current 10-year plan than previously anticipated (accelerated about 350 projects). Through these efforts, we will increase annual contract awards from \$1.6 billion to \$2.6 billion, but we can only maintain this pace for two years.

The Secretary noted that given this and the fact that motor fuels tax revenue is expected to begin declining by 2021 (or sooner), we are looking at a new bond program that would allow us to maintain \$2.6 billion in annual lettings for five years and accelerate projects scheduled for 2020 and subsequent years. He stated that the Department could fund an additional 100 projects in the 10-year plan, and a bond would also help bridge the gap and give us time to identify and implement an alternative to the motor fuels tax. He stated that he will keep the Board posted as efforts progress.

Secretary Trogon stated that he is also continuing to meet with MPOs, RPOs and other stakeholders across the state regarding this and our other priorities. He noted that this past month he traveled to the Wilmington and Greenville areas to meet with local officials and other groups. He also met with several regional groups including the Research Triangle Regional Partnership and the Regional Transportation Alliance here in RDU.

He noted he has had the opportunity to speak to many industry partners including the Carolinas Associated General Contractors, Professional Engineers of NC, and the North Carolina Aggregates Association. The Secretary stated that these industry groups are especially important to because they will be helping us achieve our goal of delivering more projects.

The Secretary stated that the Department hosted several important events this past month—including a ribbon cutting for the new stretch of I-73 in the Greensboro area. He said he was honored to have Governor Cooper and Senator Phil Berger join us as we celebrated this important milestone.

He stated that a dedication ceremony was recently held for the new plaque at the I-85 rest area in Davidson County paying tribute to NCDOT employees who lost their lives in the line of duty. Family members of those killed were present at the event, and it was particularly meaningful and personal for everyone. He noted that the Department's Employee Memorial Program will feature similar plaques at all 61 rest areas across North Carolina to honor those employees and serve as a reminder of the public's role in highway safety.

Secretary Trogon stated that he had some exciting news concerning the Ports. The inaugural port call of the ZIM Shanghai on June 18th marked the fourth new container service activated at the Port of Wilmington in the last two months. North Carolina Ports has doubled its container services in this calendar year and is set for unprecedented growth in the next fiscal year. To prepare for this, the ports have ordered two New Panamax ship-to-shore cranes with the option to purchase two more.

He noted that the ports are making more than \$150 million in infrastructure improvements at the Port of Wilmington including the cranes, a turning basin expansion project, berth improvements and expansion of the container yard. He stated he was able to take a tour of the Ports last week and the upgrades that are being made there are very impressive. He also noted that North Carolina's ports play a huge part in our state's economic competitiveness, and we are pleased to see our investments and hard work paying off.

Secretary Trogon thanked everyone again for attending the meeting and for their ongoing partnership on all these matters. He wished everyone a wonderful and safe Fourth of July.

North Carolina Department of Public Safety Update

North Carolina Department of Public Safety Secretary Erik Hooks, Adjutant General Gregory Lusk, Colonel Glenn McNeill and Emergency Management Assistant Director Brian Falconer provided a public safety update and thanked the Department of Transportation for their ongoing partnership.

Approval of Projects

A motion was made by Board Member Dodson, seconded by Board Member Zimmer to approve all the projects, excluding items C, D, E, H and L as they are delegated authority items and require no Board action.

Delegated Authority Items

Chairman Fox stated that no bids were received for one projects. Action had been delayed on seven projects to allow additional time for review of good faith efforts/high bids and the remaining projects were awarded by the Secretary to the low bidder.

Board Member Zimmer abstained from voting on Project B-5345 in Guilford County.

Approval – Prioritization 5.0 (P5.0)

A motion was made by Board Member Debnam, seconded by Board Member Overholt to approve Prioritization 5.0 (P5.0).

Approval – Division of Mitigation Services 2017-2018 Biennial Budget

A motion was made by Board Member Tarleton, seconded by Board Member Szlosberg-Landis to approve the Division of Mitigation Services 2017-2018 Biennial Budget.

Approval – Rail Corridor Preservation Policy

A motion was made by Board Member Debnam, seconded by Board Member Lathrop to approve the Rail Corridor Preservation Policy.

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00001

C204037
55007.3.1

STATE FUNDED
CHOWAN
B-5507
06/06/2017

PROPOSAL LENGTH 0.542 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF THREE BRIDGES IN CHOWAN COUNTY.

EST CONST PROGRESS.... FY-2018..81% OF BID
FY-2019..19% OF BID

RPN 001 3 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 4.00%
ESTIMATE 5,670,217.00

DATE AVAILABLE JUL 17 2017
INTER COMPLETION SEP 15 2018 COMPLETE ALL WORK REQUIRED OF BRIDGE SITES #200020, #200021,
AND #200024 EXCEPT REMOVAL OF ON-SITE DETOURS.
FINAL COMPLETION NOV 15 2018

	\$ TOTALS	% DIFF
T. A. LOVING COMPANY GOLDSBORO, NC	5,886,000.00	+3.8
S T WOOTEN CORPORATION WILSON, NC	6,456,375.00	+13.9
TRADER CONSTRUCTION CO. NEW BERN, NC	7,171,050.00	+26.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00001

C203941
45449.3.3

NHF-0013(37)
HERTFORD
R-5311A
06/20/2017

PROPOSAL LENGTH 1.116 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.
LOCATION US-13/NC-11 FROM WEST OF SR-1130 (MODLIN ROAD) TO EAST OF NC -11/SR-1213; GRADE
SEPARATION AT SR-1130 & OLD NC-11/SR-1213
EST CONST PROGRESS.... FY-2018..54% OF BID
FY-2019..38% OF BID
FY-2020..08% OF BID

RPN 001 2 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 12,159,775.93

DATE AVAILABLE JUL 31 2017
INTER COMPLETION NOV 15 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT.
FINAL COMPLETION MAY 13 2020

	\$ TOTALS	% DIFF
W. C. ENGLISH, INCORPORATED LYNCHBURG, VA	15,361,278.59	+26.3
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	16,263,222.79	+33.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00002

C203936
38426.3.1

STATE FUNDED
PAMLICO
B-4598
06/20/2017

PROPOSAL LENGTH 0.109 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #16 OVER MASON CREEK ON SR-1324.

EST CONST PROGRESS.... FY-2018..100% OF BID

RPN 002 3 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 3.00%
ESTIMATE 983,243.61

DATE AVAILABLE SEP 01 2017 THRU MAR 01 2018
INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT
VEGETATION ESTABLISHMENT 120 AFTER START DATE.
FINAL COMPLETION 300 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	1,082,381.20	+10.1
T. A. LOVING COMPANY GOLDSBORO, NC	1,200,770.00	+22.1
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	1,202,404.05	+22.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00002

C203955
45492.3.1

NHS-0070(154)
CRAVEN
R-5516
06/20/2017

PROPOSAL LENGTH 1.169 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
LOCATION INTERCHANGE FROM US-70 TO SLOCUM ROAD AT THE CHERRY POINT MILITARY BASE.

EST CONST PROGRESS.... FY-2018..57% OF BID
FY-2019..38% OF BID
FY-2020..05% OF BID

RPN 003 4 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 19,960,532.46

DATE AVAILABLE JUL 31 2017
INTER COMPLETION SEP 15 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAR 13 2020

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	24,370,634.28	+22.1
VECELLIO & GROGAN INC BECKLEY, WV	25,993,934.42	+30.2
BRANCH CIVIL INC ROANOKE, VA	27,485,817.61	+37.7
CONTI ENTERPRISES, INC EDISON, NJ	39,939,757.00	+100.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00004

C203942
34964.2.2

STATE FUNDED
NASH
U-3621A
06/20/2017

PROPOSAL LENGTH 1.096 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING & SIGNALS.
LOCATION SR-1604 (HUNTER HILL ROAD) FROM SR-1613 (NORTH WINSTEAD AVENUE) TO SR-1616 (COUNTRY CLUB ROAD).
EST CONST PROGRESS.... FY-2018..84% OF BID
FY-2019..16% OF BID

RPN 004 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 6,311,203.30

DATE AVAILABLE JUL 31 2017
INTER COMPLETION NOV 01 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION APR 30 2019

	\$ TOTALS	% DIFF
PLT-RBP JV CONSTRUCTION WILSON, NC	5,894,680.30	-6.6
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	6,251,845.50	-0.9
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	6,990,000.00	+10.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00004

C203959
50473.3.1

STATE FUNDED
WAYNE
R-5719, U-5796
06/20/2017

PROPOSAL LENGTH 1.975 MILES
TYPE OF WORK CONSTRUCT INTERCHANGES - GRADING, DRAINAGE, PAVING & STRS.
LOCATION US-117 AT SR-1135 (COUNTRY CLUB ROAD) AND SR-1120 (O'BERRY ROAD).

EST CONST PROGRESS.... FY-2018..56% OF BID
FY-2019..38% OF BID
FY-2020..06% OF BID

RPN 005 8 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 6.00%
ESTIMATE 23,445,976.53

DATE AVAILABLE JUL 31 2017
INTER COMPLETION OCT 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT.
FINAL COMPLETION MAR 29 2020

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	21,573,864.42	-8.0
C. M. LINDSAY & SONS, INC. LUMBERTON, NC	21,820,517.37	-6.9
BRANCH CIVIL INC ROANOKE, VA	22,837,353.75	-2.6
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	23,297,687.67	-0.6
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	23,644,747.15	+0.8
BMCO CONSTRUCTION, INC. LUMBERTON, NC	23,710,251.64	+1.1
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	23,894,052.54	+1.9
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	27,971,596.59	+19.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00004

C204042

2018CPT.04.05.10511, 2018CPT.04.05.20511

STATE FUNDED
JOHNSTON

06/20/2017

PROPOSAL LENGTH 35.96 MILES
TYPE OF WORK MILLING AND RESURFACING.
LOCATION NC-50 FROM WAKE COUNTY LINE TO US-301 AND 9 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..87% OF BID
FY-2019..13% OF BID

RPN 006 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 4,139,574.87

DATE AVAILABLE AUG 01 2017
INTER COMPLETION AUG 03 2018 COMPLETE ALL WORK REQUIRED ON MAPS #4, #10, AND #11
FINAL COMPLETION OCT 19 2018

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	3,492,447.06	-15.6
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,848,963.62	-7.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00004

C204033
2018CPT.04.06.10961, 2018CPT.04.06.20961

STATE FUNDED
WAYNE

06/20/2017

PROPOSAL LENGTH 30.93 MILES
TYPE OF WORK MILLING, WIDENING & RESURFACING.
LOCATION 1 SECTION EACH OF US-13/US-70/US-117, US-13/US-117, AND NC-55 AND 27 SECTIONS OF SECONDARY
ROADS.

EST CONST PROGRESS.... FY-2018..87% OF BID
FY-2019..13% OF BID

RPN 007 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 6.00%
ESTIMATE 3,850,263.77

DATE AVAILABLE AUG 01 2017

FINAL COMPLETION OCT 19 2018

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	4,009,864.64	+4.1
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	4,158,344.97	+8.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00004

C204032
2018CPT.04.07.10511

STATE FUNDED
JOHNSTON

06/20/2017

PROPOSAL LENGTH 9.6 MILES
TYPE OF WORK MILLING AND RESURFACING.
LOCATION US-70 BYPASS FROM SR-2566 TO WAKE COUNTY LINE WITH RAMPS AND LOOPS.

EST CONST PROGRESS.... FY-2018..60% OF BID
FY-2019..40% OF BID

RPN 008 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 4,471,741.43

DATE AVAILABLE APR 02 2018

FINAL COMPLETION OCT 19 2018

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,497,120.43	-21.8
S T WOOTEN CORPORATION WILSON, NC	3,568,663.22	-20.2
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	4,300,430.60	-3.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00006

C204040

45653.3.1, 45654.3.1, 45665.3.1

STATE FUNDED
COLUMBUS, CUMBERLAND, HARNETT
B-5699, B-5700, B-5711
06/06/2017

PROPOSAL LENGTH 0.458 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF ONE BRIDGE IN COLUMBUS COUNTY, ONE IN CUMBER- LAND COUNTY, AND ONE IN
HARNETT COUNTY.
EST CONST PROGRESS.... FY-2018..77% OF BID
FY-2019..23% OF BID

RPN 002 5 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 3.00%
ESTIMATE 6,139,684.10

DATE AVAILABLE JUL 17 2017
FINAL COMPLETION NOV 15 2018

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	5,491,634.26	-10.6
S T WOOTEN CORPORATION WILSON, NC	5,747,164.00	-6.4
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JC	6,109,550.00	-0.5
ES WAGNER COMPANY LLC - SOUTH CAROLINA PIEDMONT, SC	6,929,702.00	+12.9
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	7,038,000.00	+14.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00006

C203937
33798.3.1

STATE FUNDED
ROBESON
B-4616
06/20/2017

PROPOSAL LENGTH 0.549 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #18 OVER CSX TRANSPORTATION TRACKS ON NC-211.

EST CONST PROGRESS.... FY-2018..89% OF BID
FY-2019..11% OF BID

RPN 009 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 6,027,004.28

DATE AVAILABLE JUL 31 2017
INTER COMPLETION OCT 01 2018 COMPLETE ALL WORK EXCEPT, PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT.
FINAL COMPLETION MAR 30 2019

	\$ TOTALS	% DIFF
BMCO CONSTRUCTION, INC. LUMBERTON, NC	4,839,416.08	-19.7
C. M. LINDSAY & SONS, INC. LUMBERTON, NC	5,019,067.90	-16.7
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	6,154,823.46	+2.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00007

C203947
46059.3.1

STATE FUNDED
GUILFORD
B-5345
06/20/2017

PROPOSAL LENGTH 0.14 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #456 OVER BRUSH CREEK ON SR-2136 (FLEMING ROAD).

EST CONST PROGRESS.... FY-2018..100% OF BID

RPN 010 6 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 5.00%
ESTIMATE 1,399,391.50

DATE AVAILABLE JUL 31 2017 THRU MAR 15 2018
INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT
VEGETATION ESTABLISHMENT 225 AFTER START DATE
FINAL COMPLETION 405 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	1,648,380.43	+17.8
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,771,186.41	+26.6
JIMMY R. LYNCH & SONS, INC. PILOT MOUNTAIN, NC	1,786,674.05	+27.7
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	1,979,752.78	+41.5
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	2,038,188.75	+45.6
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION COMPANY	2,222,516.65	+58.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00008

C204017

2017CPT.08.25.10631, 2017CPT.08.25.20631

STATE FUNDED
MOORE

06/20/2017

PROPOSAL LENGTH 39.551 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF US-1, 1 SECTION OF US-1 BUS, US-15/501, AND NC-24/27, AND 22 SECTIONS OF
SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..92% OF BID

FY-2019..08% OF BID

RPN 011 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 6,067,436.85

DATE AVAILABLE JUL 31 2017

FINAL COMPLETION AUG 30 2018

	\$ TOTALS	% DIFF
RILEY PAVING INC CARTHAGE, NC	5,299,949.62	-12.6
S T WOOTEN CORPORATION WILSON, NC	5,866,820.51	-3.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00008

C204030
2017CPT.08.27.10531, 2017CPT.08.27.20531

STATE FUNDED
LEE

06/20/2017

PROPOSAL LENGTH 18.104 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 1 SECTION EACH OF US-1, US-1 BUSINESS & NC-42 AND 14 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..100% OF BID

RPN 012 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 3,245,040.56

DATE AVAILABLE AUG 07 2017

FINAL COMPLETION JUN 30 2018

	\$ TOTALS	% DIFF
RILEY PAVING INC CARTHAGE, NC	2,982,448.29	-8.1
S T WOOTEN CORPORATION WILSON, NC	3,139,849.14	-3.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00008

C204029
2017CPT.08.28.10621, 2017CPT.08.28.20621

STATE FUNDED
MONTGOMERY

06/20/2017

PROPOSAL LENGTH 12.109 MILES
TYPE OF WORK MILLING AND RESURFACING.
LOCATION 2 SECTIONS OF NC-24/27, 1 SECTION OF NC-109, AND 6 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..100% OF BID

RPN 013 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 1,688,015.86

DATE AVAILABLE AUG 07 2017

FINAL COMPLETION JUN 30 2018

	\$ TOTALS	% DIFF
RILEY PAVING INC CARTHAGE, NC	1,529,625.20	-9.4
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	1,730,958.27	+2.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00008

C204028
2017CPT.08.29.10771, 2017CPT.08.29.20771

STATE FUNDED
RICHMOND

06/20/2017

PROPOSAL LENGTH 15.73 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 1 SECTION OF NC-38, NC-381 AND 7 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..100% OF BID

RPN 014 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 1,716,526.78

DATE AVAILABLE AUG 07 2017

FINAL COMPLETION JUN 30 2018

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	1,609,583.72	-6.2
HUDSON PAVING, INC. ROCKINGHAM, NC	1,643,674.96	-4.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00009

C204035
45723.3.1, 45734.3.1

STATE FUNDED
ROWAN
B-5767, B-5778
06/06/2017

PROPOSAL LENGTH 0.454 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF TWO BRIDGES IN ROWAN COUNTY.

EST CONST PROGRESS.... FY-2018..81% OF BID
FY-2019..19% OF BID

RPN 003 4 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 4,237,331.00

DATE AVAILABLE JUL 17 2017
FINAL COMPLETION DEC 01 2018

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	5,037,864.54	+18.9
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	5,460,000.00	+28.9
DANE CONSTRUCTION, INC. MOORESVILLE, NC	6,178,270.00	+45.8
DELLINGER, INC. MONROE, NC	6,745,775.00	+59.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00009

C203940
42341.3.1

STATE FUNDED
DAVIDSON
B-5165
06/20/2017

PROPOSAL LENGTH 0.341 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #42 OVER MUDDY CREEK ON SR-1485.

EST CONST PROGRESS.... FY-2018..100% OF BID

RPN 015 4 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 4.00%
ESTIMATE 1,943,026.95

DATE AVAILABLE JUL 31 2017
INTER COMPLETION JUN 01 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT.
FINAL COMPLETION NOV 28 2018

	\$ TOTALS	% DIFF
EASTERN STRUCTURES LLC MOCKSVILLE, NC	1,859,599.30	-4.3
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,959,595.65	+0.9
SMITH-ROWE, LLC MOUNT AIRY, NC	2,056,278.94	+5.8
LEE CONSTRUCTION COMPANY OF THE CAROLINAS , INC. PINEVILLE, NC	2,547,925.10	+31.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00009

C203672
46136.3.3

STP-1221(15)
ROWAN
W-5313
06/20/2017

PROPOSAL LENGTH 7.325 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.
LOCATION SR-1221 (OLD BEATTY FORD RD) FROM SR-1337 (LENTZ RD) TO SR-2335 (LOWER STONE CHURCH RD).

EST CONST PROGRESS.... FY-2018..64% OF BID
FY-2019..36% OF BID

RPN 016 3 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 12,392,489.54

DATE AVAILABLE JUL 31 2017
INTER COMPLETION JUN 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT.
FINAL COMPLETION NOV 28 2019

	\$ TOTALS	% DIFF
NJR GROUP, LLC ALBEMARLE, NC	12,689,161.96	+2.4
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	14,795,555.33	+19.4
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	17,334,936.14	+39.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00009

C204004
17BP.9.R.73

STATE FUNDED
DAVIE, DAVIDSON

06/20/2017

PROPOSAL LENGTH 0.583 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF 3 BRIDGES IN DAVIDSON COUNTY AND 2 BRIDGES IN DAVIE COUNTY.

EST CONST PROGRESS.... FY-2018..54% OF BID
FY-2019..46% OF BID

RPN 024 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 7,261,298.00

DATE AVAILABLE JUL 31 2017

FINAL COMPLETION JUN 01 2019

	\$ TOTALS	% DIFF
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	6,817,750.00	-6.1
SMITH-ROWE, LLC MOUNT AIRY, NC	6,942,019.94	-4.4
APPLE TUCK & ASSOCIATES, INC. RUTHERFORDTON, NC	7,655,500.00	+5.4
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	8,621,385.00	+18.7
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	11,491,500.00	+58.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00010

C203867
52024.3.3

NHPIM-0277(020)
MECKLENBURG
I-5746A, I-5746B
06/20/2017

PROPOSAL LENGTH 3.63 MILES
TYPE OF WORK PAVEMENT AND BRIDGE REHABILITATION.
LOCATION I-277 FROM I-77 TO 10TH STREET.

EST CONST PROGRESS.... FY-2018..62% OF BID
FY-2019..38% OF BID

RPN 017 1 BIDDER(S) DBE GOAL 3.00 %
ESTIMATE 15,010,007.80

DATE AVAILABLE JUL 31 2017
INTER COMPLETION NOV 15 2017 COMPLETE THE WORK REQUIRED OF BRIDGES #47, #309, #315, AND #316
FINAL COMPLETION JUL 01 2019

	\$ TOTALS	% DIFF
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	16,346,362.55	+8.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00012

C203831
37649.3.3

STP-0273(1)
GASTON
U-3633
06/20/2017

PROPOSAL LENGTH 1.3703 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, CULVERT, AND SIGNALS.
LOCATION NC-273 (SOUTH MAIN STREET) FROM TUSKAGEE ROAD AT BEATTY DRIVE TO HIGHLAND STREET AT
A&E DRIVE IN MOUNT HOLLY.
EST CONST PROGRESS.... FY-2018..43% OF BID
FY-2019..36% OF BID
FY-2020..21% OF BID

RPN 018 3 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 13,392,905.83

DATE AVAILABLE JUL 31 2017
INTER COMPLETION JUL 01 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION DEC 28 2020

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	15,329,149.04	+14.5
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	16,672,648.93	+24.5
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	17,993,369.12	+34.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00012

C204023
17BP.12.R.104

STATE FUNDED
CLEVELAND, LINCOLN

06/20/2017

PROPOSAL LENGTH 0.609 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF 2 BRIDGE IN CLEVELAND COUNTY AND 5 BRIDGES IN LINCOLN COUNTY.

EST CONST PROGRESS.... FY-2018..45% OF BID
FY-2019..38% OF BID
FY-2020..17% OF BID

RPN 025 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 9,468,568.30

DATE AVAILABLE JUL 31 2017
FINAL COMPLETION MAY 01 2020

	\$ TOTALS	% DIFF
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	8,496,650.00	-10.3
DANE CONSTRUCTION, INC. MOORESVILLE, NC	9,364,804.00	-1.1
APPLE TUCK & ASSOCIATES, INC. RUTHERFORDTON, NC	9,860,500.00	+4.1
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	11,415,605.00	+20.6
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	14,741,620.00	+55.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00013

C203935
38371.3.1

STATE FUNDED
BURKE
B-4447
06/20/2017

PROPOSAL LENGTH 0.578 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.
LOCATION BRIDGES #160 & 162 OVER SR-1758 (BEREA CHURCH ROAD) ON I-40.

EST CONST PROGRESS.... FY-2018..58% OF BID
FY-2019..38% OF BID
FY-2020..04% OF BID

RPN 019 4 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 7,941,428.68

DATE AVAILABLE JUL 31 2017
INTER COMPLETION SEP 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION FEB 28 2020

	\$ TOTALS	% DIFF
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	8,555,259.00	+7.7
DANE CONSTRUCTION, INC. MOORESVILLE, NC	9,045,419.99	+13.9
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION COMPANY	9,832,461.75	+23.8
ORDERS CONSTRUCTION COMPANY, INC. ST. ALBANS, WV	11,990,878.91	+51.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00013

C204038
38548.3.1

STATE FUNDED
MADISON

06/20/2017

PROPOSAL LENGTH 0.4 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION BRIDGES #8 AND 9 OVER IVY RIVER ON NC-251.

EST CONST PROGRESS.... FY-2018..62% OF BID
FY-2019..38% OF BID

RPN 026 3 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 3.00%
ESTIMATE 3,904,892.00

DATE AVAILABLE JUL 31 2017
INTER COMPLETION DEC 01 2018 COMPLETE ALL WORK REQUIRED OF CONSTRUCTING THE PROPOSED
STRUCTURE AND PLACING TRAFFIC IN THE FINAL TRAFFIC PATTERN
FINAL COMPLETION JUN 01 2019

	\$ TOTALS	% DIFF
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	3,965,535.00	+1.6
WRIGHT BROTHERS CONSTRUCTION COMPANY, INC. CHARLESTON, TN	4,480,000.00	+14.7
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	5,124,000.00	+31.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00014

C203939
42334.3.1

STATE FUNDED
JACKSON
B-5159
06/20/2017

PROPOSAL LENGTH 0.131 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #101 OVER CANEY FORK ON SR-1740.

EST CONST PROGRESS.... FY-2018..89% OF BID
FY-2019..11% OF BID

RPN 020 5 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 2.00%
ESTIMATE 1,354,951.82

DATE AVAILABLE JUL 31 2017
INTER COMPLETION SEP 30 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT.
FINAL COMPLETION MAR 29 2019

	\$ TOTALS	% DIFF
OWLE CONSTRUCTION LLC WHITTIER, NC	1,351,021.00	-0.3
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	1,382,015.85	+2.0
BUCKEYE BRIDGE LLC CANTON, NC	1,416,028.75	+4.5
MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	1,483,653.10	+9.5
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	1,570,015.59	+15.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00014

C204031

2018CPT.14.01.10751.1, 2018CPT.14.01.20451.1, 2018CPT.14.01.20751.1, 2018CPT.14.01.20881.1

STATE FUNDED
POLK, HENDERSON, TRANSYLVANIA

06/20/2017

PROPOSAL LENGTH 36.52 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 1 SECTION OF NC-9, 2 SECTIONS OF US-176, AND 18 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..84% OF BID
FY-2019..16% OF BID

RPN 021 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 3.00%
ESTIMATE 6,730,639.91

DATE AVAILABLE AUG 01 2017
INTER COMPLETION AUG 01 2018 COMPLETE THE WORKED REQUIRED OF MAPS #2, #3, #15, AND #16.
FINAL COMPLETION OCT 30 2018

	\$ TOTALS	% DIFF
ROGERS GROUP INC NASHVILLE, TN	6,948,025.25	+3.2
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	7,048,714.17	+4.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00014

C204034
2018CPT.14.03.10561.1, 2018CPT.14.03.20561.1

STATE FUNDED
MACON

06/20/2017

PROPOSAL LENGTH 16.23 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 2 SECTIONS OF US-64 & RAMPS AND 2 SECTIONS OF SECONDARY RDS.

EST CONST PROGRESS.... FY-2018..87% OF BID
FY-2019..13% OF BID

RPN 022 1 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 3.00%
ESTIMATE 6,285,341.31

DATE AVAILABLE AUG 01 2017

FINAL COMPLETION OCT 15 2018

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	7,248,729.47	+15.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2017
DIVISION 00014

C204036

2018CPT.14.07.10201.1, 2018CPT.14.07.20201.1, 2018CPT.14.07.20221.1

STATE FUNDED
CHEROKEE, CLAY

06/20/2017

PROPOSAL LENGTH 13.74 MILES
TYPE OF WORK MILLING, JOINT REPAIR, RESURFACING & SHLDR RECONSTRUCTION.
LOCATION 1 SECTION OF US-19/74 AND 3 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..87% OF BID
FY-2019..13% OF BID

RPN 023 3 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 3.00%
ESTIMATE 5,884,636.13

DATE AVAILABLE AUG 01 2017

FINAL COMPLETION OCT 15 2018

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	4,453,808.22	-24.3
COLWELL CONSTRUCTION CO INC BLAIRSVILLE, GA	6,344,516.49	+7.8
COLDITZ TRUCKING INC. BLAIRSVILLE, GA	7,490,421.34	+27.3

ESTIMATE TOTAL	203,083,146.10	
LETTING TOTAL	207,668,223.85	+2.3

**NCDOT July 2017
Board of Transportation**

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

Office of Civil Rights

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to provide Business Development and Supportive Services Assistance for eligible Disadvantaged Business Enterprise firms and for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private consulting 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:	DBE Supportive Services
Firm:	Point Management Group, LLC, Suffolk, VA
Estimated Cost:	\$115,000.00
DBE/MBE/SPSF Utilization	100%

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to set the Annual Aspirational Disadvantaged Business Enterprise (DBE) goals and for our Department to obligate available funds. This contract will expire 3 years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff was authorized to proceed with the actions required to employ private consulting firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

Description of Work:	2017-2019 Annual Aspirational DBE Goal Setting (Highways, Transit, and Aviation)
Firm:	Ken Weeden and Associates Inc., Wilmington NC
Maximum Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	100%

Transit

Rail

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 projects. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	2013 General Rail Planning LSC
Firm:	Simpson Engineers & Associates PC, Cary, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00 and One (1) year time extension
DBE/MBE/SPSF Utilization:	100%
Description of Work:	2013 General Rail Planning LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00 and One (1) year time extension
SPSF Utilization:	0%
Description of Work:	2013 General Rail Planning LSC
Firm:	Parsons Brinckerhoff Inc., Raleigh, NC
Original Engineering Fee:	\$4,000,000.00
Supplemental Fee:	\$ 0.00 One (1) year time extension only
SPSF Utilization:	0%
Description of Work:	2013 General Rail Planning LSC
Firm:	Stantec Consulting Services Inc., Chicago, IL
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00 and One (1) year time extension
SPSF Utilization:	R. L. Banks & Associates, Inc. 25% / \$250,000.00
Description of Work:	2013 General Rail Planning LSC
Firm:	AECOM Technical Services of North Carolina Inc., Chicago, IL
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00 and One (1) year time extension
SPSF Utilization:	R. L. Banks & Associates, Inc. 15% / \$150,000.00

Transportation Planning Branch

Planning and Forecasting

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. These are for information only.

STATEWIDE

Description of Work:	2016 Traffic Forecasting LSC
Firm:	Atkins North America Inc., Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 10% / \$50,000.00
SPSF Utilization:	Patriot Transportation Engineering, PLLC 15% / \$75,000.00
DBE/WBE/SPSF Utilization:	Peggy Malone & Associates, Inc. 10% / \$50,000.00

Description of Work:	2016 Traffic Forecasting LSC
Firm:	CDM Smith, Inc., Atlanta, GA
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	The Traffic Group Inc. 5% / \$25,000.00

Description of Work:	2016 Traffic Forecasting LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 4% / \$20,000.00

Description of Work:	2016 Traffic Forecasting LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 10% / \$50,000.00

Description of Work:	2016 Traffic Forecasting LSC
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 5% / \$25,000.00

Description of Work:	2016 Traffic Forecasting LSC
Firm:	Parsons Brinckerhoff Inc., Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	Patriot Transportation Engineering, PLLC, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee:	\$500,000.00
Previous Supplemental Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 15% / \$75,000.00
Description of Work:	2016 Traffic Forecasting LSC
Firm:	SEPI Engineering & Construction Inc., Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	VHB Engineering NC PC, Watertown, MA
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	J. M. Teague Engineering, PLLC 5% / \$25,000.00

Chief Operating Officer

Information Technology

Geographic Information Systems (GIS)

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:	2015 GIS Support for Transportation Legislative Initiatives
Firm:	Arcadis G&M of North Carolina, Inc., Raleigh, NC
Original Engineering Fee:	\$250,000.00
Previous Supplemental Fee:	\$250,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%

Division of Planning & Programming Feasibility Studies 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 a private firm for Project Fund Management Assistance listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Project:	S-0245 – Project Fund Management Assistance
Scope of Work:	Various project fund management activities in SAP and assistance with administration of Powell Bill Program
Firm:	Simpson Engineers & Associates PC, Cary, NC
Maximum Engineering Fee:	\$248,264.84
DBE/MBE/SPSF Utilization:	100%

Chief Engineer

Technical Services

Location & Surveys

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 projects. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	2017 Location & Surveys LSC
Firm:	Allied Associates PA, Winston Salem, NC
Original Engineering Fee:	\$2,500,000.00
Supplemental Fee:	\$2,500,000.00
SPSF Utilization:	100%
Description of Work:	2017 Location & Surveys LSC
Firm:	AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC
Original Engineering Fee:	\$2,500,000.00
Supplemental Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	Calyx Engineers and Consultants, Raleigh, NC
Original Engineering Fee:	\$7,000,000.00
Supplemental Fee:	\$4,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2017 Location & Surveys LSC
Firm:	CH Engineering PLLC, Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2017 Location & Surveys LSC
Firm:	Dewberry Engineers Inc., Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	E.S.P. Associates, P.A., Charlotte, NC
Original Engineering Fee:	\$12,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	GEL Engineering of NC Inc., Charleston, SC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	Joyner Keeny PLLC, Rocky Mount, NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	100%

Description of Work:	2017 Location & Surveys LSC
Firm:	Mattern & Craig Inc., Asheville, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Location & Surveys LSC
Firm:	McKim & Creed, Inc., Raleigh, NC
Original Engineering Fee:	\$4,000,000.00
Supplemental Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	SEPI Engineering & Construction Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	So Deep SAM NC Inc., Manassas Park, VA
Original Engineering Fee:	\$3,500,000.00
Supplemental Fee:	\$3,500,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	Stantec Consulting Services Inc., Chicago, IL
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	Taylor, Wiseman & Taylor, Cary, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	TGS Engineers, Shelby, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Location & Surveys LSC
Firm:	Vaughn & Melton Consulting Engineers Inc., Asheville, NC
Original Engineering Fee:	\$6,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	0%

Description of Work:	2017 Location & Surveys LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	100%

Project Development and Environmental Analysis

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 Archaeological Investigation Services on an as needed basis for various federal-aid and state funded projects to support the Project Development and Environmental Analysis Unit. These contracts will expire three (3) years (with an optional one (1) year extension) after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	Archaeological Investigations LSC
Firm:	TRC Environmental Corporation, Pittsburgh, PA
Maximum Engineering Fee:	\$1,750,000.00
DBE/WBE/SPSF Utilization:	New South Associates, Inc. 1% / \$17,500.00

Description of Work:	Archaeological Investigations LSC
Firm:	S&ME Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	Archaeological Investigations LSC
Firm:	Environmental Services Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,250,000.00
SPSF Utilization :	100%

Description of Work:	Archaeological Investigations LSC
Firm:	New South Associates, Inc., Stone Mountain, GA
Maximum Engineering Fee:	\$1,750,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	Archaeological Investigations LSC
Firm:	Environmental Corporation of North Carolina Inc., Asheville, NC
Maximum Engineering Fee:	\$750,000
SPSF Utilization:	100%

Description of Work:	Archaeological Investigations LSC
Firm:	Stantec Consulting Services Inc., Chicago, IL
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	Archaeological Investigations LSC
Firm:	Johnson, Mirmiran, & Thompson, Inc., Hunt Valley, MD
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	Seramur & Associates, PC 5% / \$25,000.00
Description of Work:	Archaeological Investigations LSC
Firm:	Archaeological Consultants of the Carolinas, Inc., Clayton, NC
Maximum Engineering Fee:	\$750,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	Archaeological Investigations LSC
Firm:	AECOM Technical Services of North Carolina Inc., Chicago, IL
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	Seramur & Associates, PC 5% / \$75,000.00
Description of Work:	Archaeological Investigations LSC
Firm:	The Louis Berger Group Inc., Morristown, NJ
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	Seramur & Associates, PC 10% / \$75,000.00
Description of Work:	Archaeological Investigations LSC
Firm:	Commonwealth Heritage Group, Inc., Tarboro, NC
Maximum Engineering Fee:	\$1,250,000.00
SPSF Utilization:	100%
Description of Work:	Archaeological Investigations LSC
Firm:	Legacy Research Associates, Durham, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%

DIVISIONS

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

DIVISION 7

Project:	34900.3.GV2 (U-3109A) Alamance County NC 119 Relocation from I-40/I-85 to North of SR 1921 (Mebane Rogers Road/Stage Coach Road) NC 119
Scope of Work:	Construction Engineering and Inspection
Estimated Construction Cost:	\$49,400,000.00
Firm:	Rummel, Klepper & Kahl LLP, Raleigh, NC
Maximum Engineering Fee:	\$5,500,000.00
SPSF Utilization:	0%

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 projects. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

DIVISION 10-14

Description of Work:	Divisions 10-14 Planning and Design LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 30% / \$600,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc. 5% / \$100,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$100,000.00
Description of Work:	Divisions 10-14 Planning and Design LSC
Firm:	Calyx Engineers and Consultants, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$6,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	Divisions 10-14 Planning and Design LSC
Firm:	Rummel, Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$6,000,000.00
Supplemental Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc. 5% / \$150,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	New South Associates, Inc. 1% / \$30,000.00
DBE/MBE/SPSF Utilization:	MMI and Associates, LLC 1% / \$30,000.00

Description of Work:	Divisions 10-14 Planning and Design LSC
Firm:	Stantec Consulting Services, Inc., Chicago, IL
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$7,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	Patriot Transportation Engineering, PLLC 4% / \$80,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc. 4% / \$80,000.00
DBE/WBE/SPSF Utilization:	Anne Morris and Associates, LLC 1% / \$20,000.00

Description of Work:	Divisions 10-14 Planning and Design LSC
Firm:	Vaughn & Melton Consulting Engineers Inc., Asheville, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$5,000,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 8% / \$160,000.00
SPSF Utilization:	Mattern & Craig Inc. 2% / \$40,000.00
SPSF Utilization:	Environmental Corporation of North Carolina 2% / \$40,000.00

Transportation Mobility and Safety

Traffic Systems Operations

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to provide on-site operations staff for the various Transportation Operations/Management Centers and to make available professional services staff to support Intelligent Transportation System (ITS) and Operations initiatives listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Project:	21IM.SW (R-4049) Statewide Traffic Operations and Incident Management
Scope of Work:	For a three (3) year, up to five (5) year period, provide on-site operations staff for the NCDOT Statewide Transportation Operations Center (STOC), Metrolina Regional Transportation Management Center (MRTMC), Triad TMC, North Carolina Turnpike Authority (NCTA) traffic operations and the North Carolina Traffic Incident Management (TIM) program. Also make available professional services staff to support Intelligent Transportation System (ITS) and Operations initiatives.
Firm:	Atkins North America Inc., Raleigh, NC
Maximum Engineering Fee:	\$40,000,000.00
SPSF Utilization:	0%

Field Support**Structures Management Unit**

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract were 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:	2015 Structures Management Support LSC
Firm:	Kisinger Campo & Associates Corp., Tampa, FL
Original Engineering Fee:	\$2,500,000.00
Supplemental Fee:	\$ 400,000.00
SPSF Utilization:	0%

Turnpike Authority

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

DIVISION 1

Project:	34470.1.TA1 (R-2576) Currituck County Mid-Currituck Bridge from Coinjock to Corolla
Scope of Work:	Project development, environmental, and engineering services
Estimated Construction Cost:	\$383,281,000.00
Firm:	Parsons Brinckerhoff Inc., Raleigh, NC
Original Engineering Fee:	\$2,600,000.00
Previous Supplemental Fee:	\$4,927,300.00
Supplemental Fee:	\$ 500,000.00
Supplemental Work:	Additional project development, environmental, and engineering services; Additional design work and impact assessment; Additional field surveys; Update to the hurricane evacuation modeling.
SPSF Utilization:	0%

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

Div / County	SR No. / Road Name	Description	Amount
Div 14 Jackson	SR 1750 Luker Branch Rd	GDB&P Increase funds 14C.050161	\$200,000.00

Summary:

0	Projects to Establish Funds	\$0.00
1	Projects to Increase Funds	\$200,000.00
0	Projects to Increase and Close	\$0.00
0	Projects Deletions	\$0.00

**NCDOT JULY 2017 BOARD OF TRANSPORTATION
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development**

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

County	Description	Type	Amount
Div 2 Pitt	Rehab corporate taxiway pavement at Pitt-Greenville airport Other funding: Aviation WBS 46244.52.17.1	Contingency <u>TOTAL</u>	\$250,000.00 <u>\$250,000.00</u>
Div 3 Pender	Town of Burgaw – WBS 44493 was established (06/15) for the construction of a sidewalk along US-117 Bus South / South Walker St Increase funds	Contingency <u>TOTAL</u>	\$250,000.00 <u>\$250,000.00</u>
Div 8 Chatham	Replace 6 pipes, construct a right turn lane on SR 11007 (E 3rd St), and resurface and replace pavement markings on E 3rd St and SR 2103 (Raleigh St) WBS 47552	Econ Development <u>TOTAL</u>	\$400,000.00 <u>\$400,000.00</u>
Div 8 Randolph	Preliminary design work/environmental documents for shelf ready project at the Greensboro-Randolph Megasite WBS 47606	Contingency <u>TOTAL</u>	\$500,000.00 <u>\$500,000.00</u>
Div 12 Cleveland	WBS 44981 was established (10/16) to install turn lanes at Pinnacle Classical Academy and an interim temporary signal at the intersection of NC-180 and SR 2201/2202 (Joe's Lake Rd) Increase funds	Contingency <u>TOTAL</u>	\$50,000.00 <u>\$50,000.00</u>

Summary:	Number of Divisions	4
	Number of Projects	5
	Small Construction Commitment	\$0.00
	Public Access Commitment	\$0.00
	Contingency Commitment	\$1,050,000.00
	Economic Development	\$400,000.00
	TOTAL	<u>\$1,450,000.00</u>

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Spot Safety Improvement 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 Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Johnston Co. Div. 4 SS-4904EG	WBS 47434.3.1 SR 1330 (Raleigh Road) at SR 1509 (Matthews Road). Initial construction funds are needed for all-way stop with flashers installation. File 04-12-22407-1C	\$36,000.00
Richmond Co. Div. 8 SS-4908AX	WBS 44522.3.1 US 220 at SR 1405 (Lee Street) and SR 1516 (Green Street). \$182,000.00 in construction funds has previously been approved for directional crossover construction and traffic signal revisions. Additional funds are needed due to an increase in construction costs. File 08-15-5073-1	\$128,100.00
Forsyth Co. Div. 9 SS-4909BZ	WBS 47442.3.1 SR 2691 (Wallburg Road) and Business Park Drive. Initial construction funds are needed for traffic signal installation. File 09-17-820C	\$81,000.00
Forsyth Co. Div. 9 SS-4909BZ	WBS 47442.2.1 SR 2691 (Wallburg Road) and Business Park Drive. Initial right of way and utilities funds are needed for traffic signal installation. File 09-17-820R	\$27,000.00
Mecklenburg Co. Div. 10 SS-4910CU	WBS 47435.3.1 SR 3128 (Lawyers Road) and SR 1004 (Bain School Road) and SR 1524 (Stevens Mill Road). Initial construction funds are needed for roundabout installation. File 10-13-201-1C	\$400,000.00

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Spot Safety Improvement 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 Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Divisionwide Div. 12 SS-4912CB	WBS 47388.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed to complete full funding for construction. File 12-17-001-1	\$40,000.00
Asheville/ Buncombe Co. Div. 13 SS-4913CA	WBS 44586.2.1 US 25 (Biltmore Avenue) at Hilliard Avenue/Market Street. \$9,000.00 in right of way and utilities funds has previously been approved for traffic signal revisions. Additional funds are needed due to an increase in right of way and utilities costs. File 13-15-206-1	\$81,000.00
Divisionwide Div. 13 SS-4913CO	WBS 47389.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed to complete full funding for construction. File 13-17-001-1	\$40,000.00
Divisionwide Div. 14 SS-4914DD	WBS 47390.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed to complete full funding for construction. File 14-17-001-1	\$40,000.00
SUMMARY	9 PROJECTS	\$873,100.00

NCDOT July 2017 Board of Transportation

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Pasquotank	51376		Creekside Farm Subdivision	5/11/17
		0.25	Black Walnut Drive	
		0.10	Creekside Lane	
		0.06	Karen Court	
		0.23	Red Maple Drive	
Division 3				
New Hanover	51377		Waterford Place Subdivision	4/12/17
		0.10	Brighton Road, SR 1706 Ext.	
		0.04	Crystal Court	
		0.09	Cameo Court	
Division 4				
Johnston	51378		Sunset Ridge Subdivision	4/19/17
		0.31	Ocean Drive	
		0.05	Saltwater Cove	
		0.07	Seashore Point	
Division 6				
Harnett	51379		Lexington Plantation Subdivision	4/10/17
		0.13	Centennial Parkway, SR 2566 Ext.	
		0.24	Blue Bay Lane	
		0.06	Hubler's Way	
		0.39	Watchman Lane	
		0.04	Coswell Court	
		1.25	Century Drive	
		0.15	Declaration Drive	
		0.14	Pittfield Run	
		0.10	Pedley place	
		0.12	Marchmont Place	
		0.06	Haversack Place	
		0.36	Bandana Way	
		0.06	Commodore Court	
		0.09	Torrington Ridge	
		0.11	Judiciary Court	
		0.03	Chippewa Cove	
		0.19	Tun Tavern Drive	
		0.29	Samuel Nicholas Drive	
		0.10	Quatrefoil Court	
		0.12	Tripoli Drive	
Division 7				
Guilford	51380		Avahlee Meadows Subdivision	4/17/17
		0.35	Point Oak Drive West	
		0.16	Smith Ridge Court	

NCDOT July 2017 Board of Transportation

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 9				
Rowan	51381		Ashland Place Subdivision	5/9/17
		0.27	Greenheather Drive	
		0.24	Bramblewood Drive	
		0.04	Saxton Circle	
		0.08	Bayhill Road	
Forsyth	51382		Driftwood Acres Subdivision	5/25/17
		0.04	Driftwood Trail Court	
Davie	51383	0.28	Wilkesboro Street	5/26/17
Division 10				
Mecklenburg	51384		Caldwell Commons Subdivision	10/3/16
		0.23	William Caldwell Avenue, SR 2886 Ext.	
		0.07	Merrie Rose Avenue, SR 2888 Ext.	
		0.10	Hawkins Meadow Court, SR 2890 Ext.	
		0.09	Olivia Catherine Way	
Cabarrus	51385	0.02	Placid Road, SR 1818 Ext.	5/12/17
Mecklenburg	51386	0.25	Stumptown Road, SR 2140 Ext.	4/17/17
Division 11				
Yadkin	51387		Forbush Oaks Subdivision	5/31/17
		0.09	Forbush Oaks Court	
Caldwell	51388	0.70	Washboard Lane	5/23/17

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 9				
Forsyth	51389	0.42	Portion of SR 1992 Sullivantown Road	4/24/17
Division 10				
Cabarrus	51390	0.04	Portion of SR 1818 Placid Road	3/8/17

Summary: **Number of Roads Petitioned for Addition – 46**
 Number of Roads Petitioned for Abandonment – 2

NCDOT July 2017 Board of Transportation

Corrections:

Division 3 – New Hanover County Petition 51338 added Strawberry Field Way. It should have been listed as Strawberry Fields Way.

Division 5 – Wake County, Stuarts Ridge Road listed a mileage correction to Petition 48001 on the June 2007 BOT Agenda. It should have referenced Petition 48007.

Division 6 – Cumberland County Petition 51352 Abandonment was listed as McNeill Hobbs Road. It should have been listed as Rankin Street.

Division 7 – Orange County Petition 47978 on the September 2006 BOT Agenda approved a mileage correction to Amber Wood Run. It should have been listed as Booth Road.

Division 12 – Iredell County Petition 48325 on the June 2007 BOT Agenda should not have been listed.

Board Member Fox abstained from voting on 18-DG-105 in Guilford County.

NCDOT Board of Transportation
Public Transportation Program

Highway Division #	5307 Program – Operating, Planning, Capital Funding	Estimated Project Cost	
7	18-LU-056B - The NCDOT will apply for 5307 Funds from the Durham Chapel Hill Carrboro Urbanized Area allocation. Funds will be provided to the Orange County Public Transportation System for operating, planning and capital assistance. Funding is from FY 15, FY16 and FY17. CORRECTION	\$369,086	Total
		\$184,543	Federal
		\$0	State
		\$184,543	Local

Highway Division #	State Intern and Apprentice Program	Estimated Project Cost	
9	18-DG-105 City of Greensboro is requesting an apprentice selected for this position will perform professional and administrative staff work in the planning, organizing, and administering of programs and services provided by the Public Transportation Division. Also, the individual will gain extensive knowledge of the operations and administration of an Urban Transit System (GTA) that is responsible for fixed route and ADA paratransit services. Furthermore, the individual will interact with GTA Board members.	\$ 37,498	Total
		\$ -	Federal
		\$ 33,748	State
		\$ 3,750	Local
13	18-DG-071 The City of Asheville Amendment Adding required insurance to the position, oversight in original application. (Actual increase will bring grant award from \$32,432 to \$37,498)	\$ 5,066	Total
		\$ -	Federal
		\$ 4,559	State
		\$ 507	Local

3 Projects, Total Federal/State Funds \$222,850

NCDOT Board of Transportation
Public Transportation Program
STIP Amendment

ADDITIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TG-6186	Cape Fear Transportation Authority	Replacing system radios	FBUS	5339		80					
			State	S		10					
			Local	L		10					
TO-6142	NC Department of Transportation	Urbanized Formula Program funds managed by NCDOT for Orange, Alamance, Davidson, Guilford, Cabarrus, Iredell, Hoke, Cumberland, Harnett, Union, Mecklenburg transportation systems - operating	FUZ	5307			1,975	1,799	1,835	1,871	1,909
			Local	L			1,975	1,799	1,835	1,871	1,909
TG-6187	NC Department of Transportation	Urbanized Formula Program funds managed by NCDOT for Orange, Alamance, Davidson, Guilford, Cabarrus, Iredell, Hoke, Cumberland, Harnett, Union, Mecklenburg transportation systems – capital program	FUZ	5307			500	550	600	650	700
			Local	L			125	138	150	163	175

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TD-5276	NCDOT / Iredell County Area Transportation System	ICATS Office Expansion (Feasibility Study/Preliminary Engineering	FUZ	5307		48					
			Local	L		12					
TG-6188	GoTriangle	GoTriangle Rides to Wellness Capital	DP	5312	66						
			Local	L	16						

ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TM-5138	Buncombe County-Black Mountain Trailblazer Service Job Access Reverse Commute Operating Assistance.	Operating Assistance	JARC	5316	39						
			Local	L	39						
TO-	Piedmont	Operating	5307	5307	300						

NCDOT Board of Transportation
Public Transportation Program
STIP Amendment

5209H	Authority for Regional Transportation – High Point Urban Area										
ac			Local	L	300						

7 Projects, Total Federal/State funds \$12,932,000

**NCDOT July 2017 Board of Transportation
Rail Program**

Town/County Division	Project Description	Estimated Cost
Division 5 Wake County 80000.2.3.4 Y-4805F	The Rail Division requests reallocation of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from crossing number 724 408Y (SR 1625 – Rogers Lake Road) to crossing number 465 681P (SR 2513 – Fayetteville Street). The Rogers Lake Road project is now to be funded through STI. Additional funding is needed for ROW and utility relocation for the Fayetteville Street project. The Department will be responsible for the construction of the project. The total estimated cost to the Department has been revised from \$200,000 to \$424,366. FRRCSI ID: F15200	\$224,366
Division 9 Rowan County 80000.2.1.12 Y-5500IA	The Rail Division requests Board approval of additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the construction of an alternate access roadway for the closure of the at-grade railroad crossing of crossing number 724 362M, MP Main 336.24 (SR1526 - Henderson Grove Church Road) in Salisbury. The Department will be responsible for the construction of the project. Previously requested funds were allocated for design and ROW. The total estimated cost to the Department has been revised from \$900,000 to \$3,486,171. FRRCSI ID: F17201	\$2,586,171

SUMMARY – 2 PROJECTS – (TOTAL FEDERAL AND STATE) \$2,810,537

NCDOT July 2017 Board of Transportation

Aviation Program

Division Airport	Project Title Project Description [Partner Connect #]
Division 02 Pitt Greenville Airport	AIRFIELD PAVEMENT REHABILITATION Rehabilitate corporate taxiway pavement affected by the effects of Hurricane Matthew flooding. To supplement \$1.66 million received from Department of Commerce. [tbd]
Division 08 Montgomery County Airport	SELF-SERVICE FUEL FARM Installation of a self-service AVGAS fueling system in order to enhance safety and improve mobility in this region. [3257]
Division 12 Gastonia Municipal Airport	AIRFIELD PAVEMENT REHABILITATION Rehabilitate pavement of the hanger taxilanes, fuel farm taxilanes and drive. Includes fuel farm loading and offloading pad in order to prevent further structural deterioration and meet compliance standards. [2874/2876]
Division 12 Gastonia Municipal Airport	TAXIWAY LIGHTING AND SIGNAGE Medium Intensity Taxiway Lights and Airfield Guidance Signs for existing taxiway system in order to enhance safety for nighttime and low visibility operations. The airport currently has no taxiway edge lights or lighted taxiway guidance signs. Includes a new regulator for the taxiway lighting circuit. [2875]

SUMMARY – 4 PROJECTS – (TOTAL STATE, FEDERAL AND LOCAL COST) \$2,122,000

****Project selection and approval for award. Estimated costs are shown; only eligible costs within the project scope of work will be reimbursed.**

Board Member Zimmer abstained from voting on Project U-5932; WBS 45942.1.1 in Brunswick County.

Board Member Lathrop abstained from voting on WBS34431.3.9; US 421/NC 87 Sanford Bypass in Lee County.

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Bertie Co. Div. 1 B-5941 STATEWIDE	WBS 46480.3.1 Bridge # 7 over Roanoke River on NC 45/ NC 308. Initial funds are requested for construction.	\$2,850,000.00
Perquimans Co. Div. 1 R-5740 DIVISION	WBS 50198.2.2 SR 1329 (Woodville Road) from SR 1331 (Red Bank Road) to SR 1300 (New Hope Road). Initial funds are requested for utilities.	\$250,000.00
Perquimans Co. Div. 1 R-5740 DIVISION	WBS 50198.2.1 SR 1329 (Woodville Road) from SR 1331 (Red Bank Road) to SR 1300 (New Hope Road). Initial funds are requested for full right of way.	\$500,000.00
Carteret Co. Div. 2 R-5727 DIVISION	WBS 50219.1.1 SR 1176 (Bridges St. Ext), from SR 1738 (Bridges Street) to SR 1147 (McCabe Road). \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed to complete design work.	\$500,000.00
Lenoir Co. Div. 2 U-3618 DIVISION	WBS 35775.1.3 Carey Road Extension from SR 1572 (Rouse Road) to US 258. Initial funds are requested for preliminary engineering. Project is being shifted from Federal funding on WBS 35775.1.2 to State funding.	\$900,000.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 R-5702 REGIONAL	WBS 46374.3.1 NC 11 at SR 1110 (Hanrahan Road). Initial funds are requested for construction.	\$940,000.00
Pitt Co. Div. 2 U-5875 DIVISION	WBS 44677.2.1 SR 1203 (Allen Street) from SR 1467 (Stantonsburg Road) to US 13 (Dickinson Avenue Extension). Initial funds are requested for full right of way.	\$1,777,000.00
Pitt Co. Div. 2 U-5919 DIVISION	WBS 44641.3.1 SR 1126 (Boyd Street) from NC 11 to Railroad Street. Initial funds are requested for construction.	\$3,500,000.00
Pitt Co. Div. 2 U-5921 DIVISION	WBS 44683.3.1 SR 1713 (Laurie Ellis Road) from NC 11 to SR 1149 (Mill Street). Initial funds are requested for construction.	\$3,560,000.00
Brunswick Co. Div. 3 U-5932 STATEWIDE	WBS 45942.1.1 US 17 at NC 211. Initial funds are requested for preliminary engineering.	\$1,000,000.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Hanover Co. Div. 3 U-5954 REGIONAL	WBS 46893.1.1 NC 133 (Castle Hayne Road) at North 23rd Street. Initial funds are requested for preliminary engineering.	\$500,000.00
Onslow Co. Div. 3 U-5716 STATEWIDE	WBS 50116.1.2 NC 24 at US 258 (Richlands Highway) intersection. Initial funds are requested for preliminary engineering. Project is being shifted from Federal funding on WBS 50116.1.FS1 to State funding.	\$650,000.00
Onslow Co. Div. 3 U-5949 REGIONAL	WBS 46896.1.1 NC 210 from US 17 to South of SR 1518 (Old Folkstone Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Onslow Co. Div. 3 U-5950 REGIONAL	WBS 46895.1.1 US 17 Business (Marine Boulevard) at SR 1336 (Henderson Drive). Initial funds are requested for preliminary engineering.	\$500,000.00
Onslow Co. Div. 3 U-5951 REGIONAL	WBS 45870.1.1 US 17 at US 17 Business (Marine Boulevard). Initial funds are requested for preliminary engineering.	\$750,000.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Halifax Co. Div. 4 R-3822 DIVISION	WBS 37765.1.6 New Route - from NC 125 to south of US 158. Initial funds are requested for preliminary engineering. Project is being shifted from Federal funding on WBS 37765.1.3 to State funding.	\$30,000.00
Rocky Mount/ Nash Co. Div. 4 U-3621A DIVISION	WBS 34964.3.2 SR 1604 (Hunter Hill Road) from SR 1613 (North Winstead Avenue) to SR 1616 (Country Club Road). \$1,800,000.00 has previously been approved for right of way. Additional funds are requested for condemnation settlements.	\$2,000,000.00
Wake/ Johnston Cos. Div. 4/5 R-2829 STATEWIDE	WBS 35517.2.1 Eastern Wake Freeway from I-40 to south of Garner to US 64/264 Knightdale Bypass. \$195,000.00 has previously been approved for appraisal and advanced acquisition of a specific parcel. Funds are requested for appraisal of Specific Parcel 901.	\$25,000.00
Granville Co. Div. 5 R-5707 REGIONAL	WBS 46379.2.1 NC 56 at US 15 and NC 50 in Creedmoor. Initial funds are requested for full right of way and utilities.	\$500,000.00
Raleigh/ Wake Co. Div. 5 P-5720 REGIONAL	WBS 46932.2.1 CSX crossing 630 601X at SR 2006 (Durant Road) in Raleigh. Construct grade separation. \$25,000.00 has previously been approved for appraisal of a specific parcel. Funds are requested for appraisal of Specific Parcel 901.	\$25,000.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland Co. Div. 6 U-2519BB REGIONAL	WBS 34817.2.24 Fayetteville Outer Loop from south of SR 1104 (Strickland Bridge Road) to south of US 401. \$619,000.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$231,880.27). WBS will be closed. This project has previously been identified as a Trust Fund Urban Loop project.	-\$231,880.27
Fayetteville/ Cumberland Co. Div. 6 U-2519CB STATEWIDE	WBS 34817.2.8 Fayetteville Outer Loop from south of SR 1400 (Cliffdale Road) to east of SR 1415 (Clearwater Road). \$31,008,896.00 has previously been approved for right of way and utilities. Additional funds are requested for condemnation costs. This project has previously been identified as a Trust Funds Urban Loop project. This is a Strategic Transportation Investments Transition project.	\$500,000.00
Cumberland Co. Div. 6 U-4404 DIVISION	WBS 39048.1.1 SR 1400 (Cliffdale Road) from McPherson Church Road to SR 1404 (Morganton Road). Initial funds are requested for preliminary engineering.	\$1,500,000.00
Cumberland Co. Div. 6 U-4709 DIVISION	WBS 39073.1.1 SR 1112 (Rockfish Road) from SR 1115 (Golfview Road) to NC 59 (Main Street) and SR 1115 (Golfview Road) from SR 1112 (Rockfish Road) to NC 59 (Main Street). Initial funds are requested for preliminary engineering.	\$1,400,000.00
Cumberland Co. Div. 6 U-5742 REGIONAL	WBS 50164.2.1 Fayetteville computerized traffic signal system. Initial funds are requested for full right of way and utilities.	\$150,000.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland Co. Div. 6 U-6001 REGIONAL	WBS 46960.1.1 NC 59 (South Main Street) from SR 1243 (Shipman Road) to SR 1118 (Parkton Road). Initial funds are requested for preliminary engineering.	\$1,300,000.00
Harnett Co. Div. 6 U-5933 STATEWIDE	WBS 45943.1.1 NC 87/24 at SR 1117 (Nursery Road). Initial funds are requested for preliminary engineering.	\$600,000.00
Robeson Co. Div. 6 R-5848 REGIONAL	WBS 46958.3.1 NC 20 from west of SR 1829 (Nash Road) to west of SR 1732 (Veterans Road). Initial funds are requested for construction.	\$1,500,000.00
Robeson Co. Div. 6 U-2519AA REGIONAL	WBS 34817.2.9 Fayetteville Outer Loop from I-95 to south of SR 1118 (Parkton Road) in Robeson County. \$306,738.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$17,201.30). WBS will be closed. This project has previously been identified as a Trust Fund Urban Loop project.	-\$17,201.30
Guilford Co. Div. 7 R-4707 REGIONAL	WBS 36599.1.5 US 29; SR 4771 (Reedy Fork Parkway); and SR 2526 (Summit Avenue) from north of SR 2641 (Bryan Park Road) to US 29 / SR 4771 (Reedy Fork Parkway) interchange in Greensboro. Initial funds are requested for preliminary engineering.	\$900,000.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.1.5 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). \$3,485,936.00 has previously been approved for preliminary engineering. Additional funds are requested for additional design work. This project has previously been identified as a Trust Fund Urban Loop project.	\$400,000.00
Lee Co. Div. 8 R-2417(L) DIVISION	WBS 34431.3.9 US 421 / NC 87 Sanford Bypass from west of SR 1400 (Cumnock Road) to NC 87 west of SR 1138 (Harvey Faulk Road). \$575,662.00 has previously been approved for construction. Funds need to be decreased (\$204,994.45). WBS will be closed. This project has previously been identified as a Trust Fund Intrastate System project.	-\$204,994.45
Randolph Co. Div. 8 U-5758 REGIONAL	WBS 50172.3.1 US 220 Business (Fayetteville Street) at the intersection of US 220 Business and Presnell Street in Asheboro. Initial funds are requested for construction.	\$564,000.00
Richmond Co. Div. 8 R-2501C DIVISION	WBS 34437.1.5 US 1 from north of SR 1606 (Fox Road) to south of SR 1001 (Marston Road). Initial funds are requested for preliminary engineering.	\$150,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579AB REGIONAL	WBS 34839.2.4 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$29,379,831.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are requested for advanced acquisition of Specific Parcel 914 (Property of Wendy Holleman) for \$175,376.00 and advanced acquisition of Specific Parcel 923 (Property of Jess and Jennifer Baldanado) for \$215,456.00. This project has previously been identified as a Trust Fund Urban Loop project.	\$390,832.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston- Salem/ Forsyth Co. Div. 9 U-2579C STATEWIDE/ REGIONAL	WBS 34839.2.6 Winston-Salem Northern Beltway (Eastern Section) from US 158 to US 311. \$7,380,090.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are requested. This project has previously been identified as a Trust Fund Urban Loop project.	\$2,050,000.00
Winston- Salem/ Forsyth Co. Div. 9 U-2579E STATEWIDE	WBS 34839.2.8 Winston-Salem Northern Beltway (Eastern Section) from SR 2211 (Baux Mountain Road) to NC 8. \$3,678,666.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Funds are requested for appraisal of Specific Parcel 902. This project has previously been identified as a Trust Fund Urban Loop project.	\$25,000.00
Winston- Salem/ Forsyth Co. Div. 9 U-2923 DIVISION	WBS 34891.2.3 SR 2747 (Clemmons Road) from SR 3011 (Old Salisbury Road) to South Main Street. \$7,237,680.00 has previously been approved for construction. Funds need to be decreased (\$300,000.00). WBS will be closed. This project has previously been identified as a Trust Fund Specific State Funds for construction project.	-\$300,000.00
Cabarrus Co. Div. 10 U-5806 DIVISION	WBS 44378.1.D1 Intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 - Kings Grant Pavilion. \$1,055,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$135,000.00
Mecklenburg Co. Div. 10 I-5769 STATEWIDE	WBS 53019.1.1 I-77 from I-277 to 0.7 mile north of NC 27. Initial funds are requested for preliminary engineering.	\$330,000.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 R-2555B DIVISION	WBS 34462.1.D4 SR 5544 from NC 73 (Sam Furr Road) to SR 2151 (Jetton Road). \$500,681.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$160,000.00
Mecklenburg Co. Div. 10 U-2509A STATEWIDE	WBS 38965.2.2 US 74 (Independence Boulevard) from Conference Drive to Sardis Road North. \$1,397,766.00 has previously been approved for appraisal and advanced acquisition of a specific parcel. Funds are requested for appraisal of Specific Parcel 901.	\$25,000.00
Mecklenburg Co. Div. 10 U-5804B DIVISION	WBS 44376.3.2 SR 3448 (South Trade Street) from Four Mile Creek to Weddington Road. Initial funds are requested for construction.	\$2,500,000.00
Mecklenburg Co. Div. 10 U-5905 BONUS ALLOCATION	WBS 46450.1.1 SR 2112 (Lakeview Road) from Reames Road to NC 115. Initial funds are requested for preliminary engineering. This is a Bonus Allocation project.	\$400,000.00
Union Co. Div. 10 U-5703 STATEWIDE	WBS 50129.2.1 US 74 (Roosevelt Boulevard) and SR 1514 (Rocky River Road) intersection. Initial funds are requested for full right of way and utilities.	\$400,000.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Caldwell Co. Div. 11 R-5745 DIVISION	WBS 50200.3.1 Intersection of US 64/NC90/NC 18 (Wilkesboro Boulevard) and US 64/NC 90 (Taylorsville Road). Construct intersection improvements. Initial funds are requested for construction.	\$3,600,000.00
Caldwell Co. Div. 11 U-4700CB STATEWIDE	WBS 35993.1.11 US 321 at SR 1809 / 1952 (Pine Mountain Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Caldwell Co. Div. 11 U-4700CC STATEWIDE	WBS 35993.1.12 US 321 at SR 1108 (Mission Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Watauga Co. Div. 11 TA-6675 DIVISION	WBS 47409.1.1 Purchase expansion vehicle for State Farm shuttle route. Initial funds are requested for preliminary engineering.	\$50,000.00
Watauga Co. Div. 11 U-5715 STATEWIDE	WBS 50131.1.2 US 321/421, NC 194 (King Street) at College Street intersection. Initial funds are requested for preliminary engineering. Project is being shifted from Federal funding on WBS 50131.1.FS1 to State funding.	\$200,000.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Gaston/ Lincoln Cos. Div. 12 R-0617BB REGIONAL	WBS 34350.1.5 NC 150 from west of Indian Creek to US 321 at Lincolnton. Initial funds are requested for preliminary engineering.	\$2,000,000.00
Iredell Co. Div. 12 I-5962 STATEWIDE	WBS 45912.1.1 I-77 at SR 1302 (Cornelius Road). Initial funds are requested for preliminary engineering.	\$2,500,000.00
Buncombe Co. Div. 13 U-5784 REGIONAL	WBS 44356.1.1 US 70 (Tunnel Road) from I-240 to Beverly Road intersection. \$500,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$500,000.00). Project is not being built. WBS will be closed.	-\$500,000.00
Rutherfordton/ Rutherford Co. Div. 13 R-2233BB STATEWIDE/ DIVISION	WBS 34400.2.5 US 221 south of US 74 Business to north of SR 1366 (Roper Loop Road). \$250,168.00 has previously been approved for appraisal of specific parcels. Funds are requested for full right of way. This project has previously been identified as a Trust Fund Intrastate System project.	\$22,900,000.00
Buncombe/ Henderson Cos. Div. 13/14 R-5524C DIVISION	WBS 45817.2.D4 Intersection of SR 3526 and SR 1419. Construct roundabout. \$158,183.00 has previously been approved for right of way. Funds need to be decreased (\$47,555.35). WBS will be closed. This is a Strategic Transportation Investments Transition project.	-\$47,555.35

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cherokee Co. Div. 14 R-3622B REGIONAL	WBS 38068.2.R3 NC 294 from SR 1130 (Sunny Point Road) to SR 1312 (Bear Paw Road). \$1,674,378.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$310,000.00
Macon Co. Div. 14 R-2408A DIVISION	WBS 34427.2.1 SR 1323 (Riverview Street) from US 441 Business to NC 28. \$3,077,360.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$231,605.36). WBS will be closed. This project has previously been identified as a Trust Fund Specific State Funds for Construction project.	-\$231,605.36
Macon Co. Div. 14 R-5734A DIVISION	WBS 50192.1.1 US 23/ US 441 from US 64 to SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle). \$610,811.00 has previously been approved for preliminary engineering. Additional funds are requested to complete the final plans.	\$160,000.00
Polk Co. Div. 14 I-4729A REGIONAL	WBS 34243.2.2 I-26 / US 74 / NC 108 interchange. Initial funds are requested for full right of way and utilities.	\$400,000.00
Statewide M-0219 STATEWIDE	WBS 35511 Statewide - Aerial Photography for projects which cannot be forecasted or for which there is an urgent need. \$2,307,926.00 has previously been approved for preliminary engineering. Additional funds are requested for aerial photography. This project has previously been identified as a Trust Fund Specific State Funds for Construction project.	\$750,000.00

**NCDOT July 2017 Board of Transportation
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide M-0451 STATEWIDE	WBS 43534.1.1 Statewide Landscape Plans for STIP Construction projects. \$612,000.00 has previously been approved for preliminary engineering. \$100,000.00 is requested for annual funding for SFY 2018. This project has previously been identified as a Trust Fund Specific State Funds for Construction project.	\$100,000.00
Statewide R-9999WM STATEWIDE	WBS 34634.4.2 Improvements to NCDOT'S wetland prediction model for Neuse 0202 Basin. Initial funds are requested for wetland mitigation.	\$11,000,000.00
Statewide R-9999WM STATEWIDE	WBS 34634.4.1 Improvements to NCDOT'S wetland prediction model for Neuse 0201 Basin. Initial funds are requested for wetland mitigation.	\$22,000,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	19 PROJECTS	\$44,355,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	19 PROJECTS	\$10,980,750.43
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	22 PROJECTS	\$21,887,844.84
STATEWIDE/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECTS	\$22,900,000.00
BONUS ALLOCATION	1 PROJECT	\$400,000.00
STATEWIDE/REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$2,050,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	62 PROJECTS	\$102,173,595.27
BONUS ALLOCATION	1 PROJECT	\$400,000.00

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 1

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Northampton Co. I-5839 STATEWIDE	53045.3.1, NHPIM-0095(036) I-95 from mile marker 172 (Chockoyotte Creek) to mile marker 182 (Virginia State Line). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2017.	\$16,416,000.00 \$13,132,800.00 \$3,283,200.00	Cost Fed. State

Bridge

Hertford Co. B-5603 DIVISION	45558.2.1, STP-1311(017) Replace Bridge #137 over the Meherrin River overflow on SR 1311. Funds are needed for full right of way and utilities.	\$25,000.00 \$20,000.00 \$5,000.00	Cost Fed. State
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Rail Program

Washington Co. Z-5400AI DIVISION	43600.3.88, HSIP-1106(015) Railway-Highway Grade Crossing Safety Project. SR 1106 (Morratock Road) at the Carolina Coastal Railroad; Crossing #466 192H near Plymouth. \$201,500.00 has previously been approved for construction. Additional funds are requested to complete construction.	\$40,000.00 \$36,000.00 \$4,000.00	Cost Fed. State
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Ferry Boat Development

Hyde Co. F-5702B EXEMPT	44973.3.2, NCFB-0012(066) NC 12, Ocracoke Dock and Pedestrian waiting and access accommodations. Funds are needed for construction.	\$180,684.00 \$144,547.00 \$36,137.00	Cost Fed. State
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**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 2

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Greene Co.	44848.3.1, HSIP-0013(064)	\$400,000.00	Cost
W-5702A	US 13 at SR 1151 (Burrellfield Road) and SR 1202 (Corbett	\$360,000.00	Fed.
REGIONAL	Town Road). Funds are needed for construction for safety improvements.	\$40,000.00	State

Planning and Research

Carteret Co.	44527.1.23, SPR-0SPR(107)	\$43,700.00	Cost
M-0492V	2017 Municipal Planning Grant for the Beaufort Bicycle and	\$21,850.00	Fed.
EXEMPT	Pedestrian Plan. Funds are needed for Planning Grant.	\$21,850.00	State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 3

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Onslow Co. U-4700E STATEWIDE	35008.1.FS8, NHPF-0017(143) US 17 (Marine Boulevard) at NC 53 (Western Boulevard) and SR 1406 (Piney Green Road) in Jacksonville. \$750,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$750,000.00). Project is now State Funded on WBS 35008.1.3.	-\$750,000.00 Cost -\$600,000.00 Fed. -\$150,000.00 State

Urban

New Hanover Co. U-5702A STATEWIDE	50113.1.2, NHP-0132(011) NC 132 (College Road) from SR 1272 (New Centre Drive) to US 117 (Shipyards Boulevard) for access management and travel time improvements. Funds are needed for preliminary engineering.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
Onslow Co. U-4906 DIVISION	40255.2.2, STP-1308(012) SR 1308 (Gum Branch Road) from west of SR 1313 (Mills Field Road) to east of SR 1324 (Ramsey Road). Funds are needed for full right of way and utilities. This is a Strategic Transportation Investments Transition project.	\$1,900,000.00 Cost \$1,520,000.00 Fed. \$380,000.00 State

Bridge

Sampson Co. B-4637 DIVISION	33808.3.1, BRZ-1409(012) Replace Bridges #325 and #326 over Little Coharie Creek overflow and Bridge #327 over Little Coharie Creek on SR 1409. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2017.	\$1,550,000.00 Cost \$1,240,000.00 Fed. \$310,000.00 State
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**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 3 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Onslow Co. W-5601A DIVISION	50138.1.FD2, HSIP-1316(020) SR 1316 (Rhodestown Road) from SR 2054 (Cross Creek Drive) to Holly Grove Court. \$62,500.00 has previously been approved for preliminary engineering. Additional funds are requested to complete design work.	\$202,500.00	Cost
		\$182,250.00	Fed.
		\$20,250.00	State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 4

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Johnston Co. I-5786 STATEWIDE	53026.1.FS1, NHPP-0095(031) I-95 from south of SR 1001 (Lizzie Mill Road) to 0.2 mile north of NC 222. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are requested due to scope change.	\$1,800,000.00 \$1,440,000.00 \$360,000.00	Cost Fed. State
Johnston Co. I-5786 STATEWIDE	53026.3.1, NHPIM-0095(031) I-95 from south of SR 1001 (Lizzie Mill Road) to 0.2 mile north of NC 222. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2017. This is a Cash Flow project with \$34,700,000.00 in FY17 and \$34,700,000.00 in FY18.	\$69,400,000.00 \$55,520,000.00 \$13,880,000.00	Cost Fed. State
Wayne Co. I-5935 STATEWIDE	45877.3.1, NHPIM-0795(006) I-795 from US 70 to Wilson County Line. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2017. This project is a Cash Flow project with \$7,925,000.00 in FY17 and \$7,925,000.00 in FY18.	\$15,850,000.00 \$12,680,000.00 \$3,170,000.00	Cost Fed. State

Surface Transportation

Halifax Co. R-3822 DIVISION	37765.1.3, HP-STP-1627(007) I-95 from just south of proposed bridge at Chockoyotte Creek to NC 125. \$1,949,850.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$1,927,189.00). Project is now State funded on WBS 37765.1.6.	-\$1,927,189.00 -\$1,559,880.00 -\$367,309.00	Cost Fed. State
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**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 4 (Continued)

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Nash Co. C-5548 EXEMPT	51018.3.1, CMS-0431(030) Benvenue Street, Tarboro Street, Falls Road, Franklin Street, Legett Road, and Church Street in Rocky Mount. \$375,200.00 has previously been approved for construction. Additional funds are needed for construction to install sidewalks.	\$445,000.00 \$356,000.00 \$89,000.00	Cost Fed. Local

Planning and Research

Edgecombe Co. M-0492Z EXEMPT	44527.1.27, SPR-0SPR(111) 2017 Planning Grant for the Rocky Mount Bicycle Plan. Funds are needed for Planning Grant.	\$67,700.00 \$33,850.00 \$33,850.00	Cost Fed. State
Wayne Co. M-0492X EXEMPT	44527.1.25, SPR-0SPR(109) 2017 Planning Grant for the Mount Olive Bicycle and Pedestrian Plan. Funds are needed for Planning Grant.	\$43,700.00 \$21,850.00 \$21,850.00	Cost Fed. State

Rail Program

Johnston Co. Z-5400DA DIVISION	43600.3.33, STPRR-2302(001) Railway-Highway Grade Crossing Safety Project at the intersection of SR 2302 (Ricks Road) and the CSX Transportation Tracks; Crossing #629 956C in Selma. \$527,249.00 has previously been approved for construction. Additional funds are needed to upgrade Railway-Highway Grade Crossing.	\$170,000.00 \$153,000.00 \$17,000.00	Cost Fed. State
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**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 4 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Johnston Co. R-4436DD STATEWIDE	34625.2.65, STP-0040(052) I-40 and I-95 interchange. \$150,000.00 has previously been approved for construction. Additional funds are needed for a filtration basin as a stormwater retrofit for water quality improvement.	\$85,000.00 \$68,000.00 \$17,000.00	Cost Fed. State
Nash Co. R-5784AA DIVISION	44914.3.8, TAP-0439(003) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction for ADA ramps.	\$148,200.00 \$118,560.00 \$29,640.00	Cost Fed. State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cary/ Wake Co. C-5165 EXEMPT	46230.3.3, CMS-0503(018) SR 3112 (Cary Parkway) and SR 1615 (High House Road), construct a single quadrant intersection. Construction funds are needed for intersection improvement.	\$2,185,000.00 \$1,748,000.00 \$437,000.00	Cost Fed. Local
Wake Co. C-5604OA EXEMPT	43714.1.4, CMAQ-0505(082) SR 2911 (New Bern Avenue) from Tarboro Road to Sunnybrook Drive. Funds are needed for preliminary engineering.	\$10,000.00 \$3,340.00 \$6,660.00	Cost Fed. Local

Safety

Wake Co. W-5601EE REGIONAL	50138.3.135, HSIP-0042(064) NC 42 at SR 2750 / 2749 (Johnny Baker Road). Construction funds are needed for safety improvements.	\$370,000.00 \$333,000.00 \$37,000.00	Cost Fed. State
Wake Co. W-5601GE DIVISION	50138.3.188, HSIP-2233(004) SR 2233 (Smithfield Road) in the vicinity of US 64 / US 264. Construction funds are needed for safety improvements.	\$480,000.00 \$432,000.00 \$48,000.00	Cost Fed. State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Wake Co.	50138.3.27, HSIP-0401(265)	\$468,000.00	Cost
W-5601Z	US 401 at SR 1446 (Manor Ridge Road) / SR 2857 (Brookwood	\$421,200.00	Fed.
REGIONAL	Drive). Construction funds are needed for safety improvements.	\$46,800.00	State

Planning and Research

Wake Co.	44527.1.21, SPR-0SPR(105)	\$56,700.00	Cost
M-0492T	2017 Municipal Planning Grant for the Apex Bicycle Plan. Funds	\$28,350.00	Fed.
EXEMPT	are needed for Planning Grant.	\$28,350.00	State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 6

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Robeson Co. I-5850B STATEWIDE	53055.1.1, NHPIM-0095(049) I-95 from north of US 301 (mile marker 22) to Cumberland County Line (mile marker 40). Funds are needed for preliminary engineering.	\$200,000.00 \$160,000.00 \$40,000.00	Cost Fed. State
Robeson Co. I-5850B STATEWIDE	53055.3.1, NHPIM-0095(049) I-95 from north of US 301 (mile marker 22) to Cumberland County Line (mile marker 40). Construction funds are needed for pavement rehabilitation.	\$5,000,000.00 \$4,000,000.00 \$1,000,000.00	Cost Fed. State
Robeson Co. I-5938 STATEWIDE	45881.1.1, NHPIM-0074(202) I-74 from NC 710 to NC 41. Funds are needed for preliminary engineering.	\$200,000.00 \$160,000.00 \$40,000.00	Cost Fed. State
Robeson Co. I-5938 STATEWIDE	45881.3.1, NHPIM-0074(202) I-74 from NC 710 to NC 41. Construction funds are needed for pavement rehabilitation.	\$5,000,000.00 \$4,000,000.00 \$1,000,000.00	Cost Fed. State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 6 (Continued)

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Columbus Co.	53086.2.2, NHP-0074(169)	\$600,000.00	Cost
R-5749	US 74 / 76 at SR 1001 (Hallsboro Road). Funds are needed for	\$480,000.00	Fed.
DIVISION	utilities.	\$120,000.00	State

Surface Transportation

Cumberland Co.	40231.1.1, STPDA-0210(015)	\$2,500,000.00	Cost
U-4900	NC 210 (Murchison Road) from I-295 to south of US 401	\$2,000,000.00	Fed.
REGIONAL	Bypass. \$872,640.00 has previously been approved for preliminary engineering. Additional funds are requested for plans.	\$500,000.00	State

Urban

Cumberland Co.	39001.1.1, STP-1003(131)	\$1,800,000.00	Cost
U-3422	SR 1003 (Camden Road) from Fayetteville Outer Loop to NC 59	\$1,440,000.00	Fed.
DIVISION	(Hope Mills Road). \$700,000.00 has previously been approved for preliminary engineering. Additional funds are requested to complete design work.	\$360,000.00	State

Bridge

Columbus Co.	46046.3.1, BRZ-1005(033)	\$650,000.00	Cost
B-5332	Replace Bridge #130 over Cedar Creek on SR 1005. Funds	\$520,000.00	Fed.
DIVISION	are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2017.	\$130,000.00	State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. W-5601CE STATEWIDE	50138.3.84, HSIP-0401(271) US 401 (Raeford Road) from SR 1400 (Cliffdale Road) to SR 1593 (Hoke Loop Road). Construction funds are needed for safety improvements.	\$2,020,000.00 \$1,818,000.00 \$202,000.00	Cost Fed. State
Cumberland Co. W-5706B REGIONAL	44852.2.2, HSIP-0401(280) US 401 (Ramsey Street) at SR 2523 (Bienville Drive). Funds are needed for full right of way and utilities.	\$30,000.00 \$27,000.00 \$3,000.00	Cost Fed. State
Harnett Co. W-5601CC DIVISION	50138.3.82, HSIP-1229(015) SR 1229 (McDougal Road) curve with culvert located east of SR 1251. Funds are needed for construction for safety improvements.	\$676,000.00 \$608,400.00 \$67,600.00	Cost Fed. State
Robeson Co. W-5601DC DIVISION	50138.3.108, HSIP-1527(009) SR 1527 (Pine Log) at SR 1528 (Carthage Road) near the City of Lumberton. Funds are needed for construction for safety improvements.	\$1,257,000.00 \$1,131,300.00 \$125,700.00	Cost Fed. State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 6 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Robeson Co.	44803.3.3, RR-0501(044)	\$420,000.00	Cost
Z-5700FA	Railway-Highway Grade Crossing Safety Project. US 501 (Main	\$378,000.00	Fed.
REGIONAL	Street) and the CSX Transportation Tracks; Crossing #629 619L in Rowland. Construction funds are needed for crossing flashers and gates.	\$42,000.00	State

Rural

Robeson Co.	53087.1.1, NHP-0074(203)	\$800,000.00	Cost
R-5751	US 74 from NC 72 / NC 130, upgrade at-grade intersection to	\$640,000.00	Fed.
STATEWIDE	interchange. Funds are needed for preliminary engineering.	\$160,000.00	State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 7

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Alamance Co. I-5954 STATEWIDE	45907.3.1, NHPIM-0040(066) I-40 / I-85 from east of NC 54 in Graham in Alamance County, to west of SR 1114 (Buckhorn Road) in Orange County. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2017.	\$10,885,000.00 \$8,708,000.00 \$2,177,000.00	Cost Fed. State
Alamance Co. I-5956 STATEWIDE	45909.3.1, NHPIM-0040(067) I-40 / I-85 from east of SR 3056 (Rock Creek Dairy Road) in Guilford County, to west of SR 1226 (University Drive) in Alamance County. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2017.	\$4,500,000.00 \$3,600,000.00 \$900,000.00	Cost Fed. State
Guilford Co. I-5812 STATEWIDE	50455.3.1, NHPP-0040(024) I-40 / Business 85 east of SR 3037 / SR4240 (East Gate City Boulevard) to I-85; I-85 north of SR 3000 (McConnell Road) to I-40; I-40 / I-85 west of SR 3048 (Mount Hope Church Road) to east of SR 3056 (Rock Creek Dairy Road). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2017.	\$7,200,000.00 \$5,760,000.00 \$1,440,000.00	Cost Fed. State
Greensboro/ Guilford Co. I-5852B STATEWIDE	53056.3.3, NHPIM-0085(034) I-73 / I-840 from I-40 to SR 2085 (Bryan Boulevard). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2017.	\$5,174,000.00 \$4,139,200.00 \$1,034,800.00	Cost Fed. State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 7 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Guilford Co. U-5532D DIVISION	46297.3.5, TAP-0708(078) Northern side of Courtland Street from East Lake Drive to existing eastern side of East Lake Drive from Courtland Street to existing and western side from existing to Courtland Street; East Wendover Avenue between English Street and Waugh Street; Western side of Plymouth Street from Harrington Street to Lucerne Street; Western side of Summit Avenue between Scott Road and Creekbrooke Court. Funds are needed for construction for a sidewalks.	\$400,000.00 \$320,000.00 \$80,000.00	Cost Fed. Local

Bridge

Alamance Co. B-5346 DIVISION	46060.2.1, BRZ-1529(010) Replace Bridge #3 over a creek on SR 1529. Funds are needed for full right of way and utilities.	\$122,000.00 \$97,600.00 \$24,400.00	Cost Fed. State
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Safety

Guilford Co. W-5707E REGIONAL	44853.1.5, HSIP-0070(210) US 70 (Burlington Road) at SR 2826/SR 3175 (Birch Creek Road) south of McLeansville. Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
Guilford Co. W-5707F DIVISION	44853.1.6, HSIP-2269(001) SR 2269 (Alcorn Road) at SR 2131 (Northwest School Road) north of Greensboro. Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 8

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Randolph Co.	50138.3.231, HSIP-0042(070)	\$752,000.00	Cost
W-5601HV	NC 42 near SR 2895 (Moffit Mill Road). Construction funds are	\$676,800.00	Fed.
REGIONAL	needed for safety improvements.	\$75,200.00	State

Planning and Research

Randolph Co.	44527.1.28, SPR-0SPR(112)	\$43,700.00	Cost
M-0492HA	2017 Planning Grant for the Seagrove Pedestrian Plan. Funds	\$21,850.00	Fed.
EXEMPT	are needed for Planning Grant.	\$21,850.00	State

Rural

Statewide	44918.3.4, TAP-0801(015)	\$240,703.00	Cost
R-5788C	ADA (Americans with Disabilities Act) Curb Ramps at various	\$192,562.00	Fed.
DIVISION	locations. Funds are needed for construction for the upgrade or	\$48,141.00	State
	installation of ADA ramps.		

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 9

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Davie Co. I-0911A REGIONAL	34147.2.2, NHIMF-40-3(112)180 I-40 from 0.3 mile west of NC 801 in Davie County to 0.3 mile west of SR 1101 (Harper Road) in Forsyth County. Funds are needed for full right of way and utilities.	\$195,000.00 \$156,000.00 \$39,000.00	Cost Fed. State
Davie Co. I-0911A REGIONAL	34147.3.4, NHIMF-40-3(112)180 I-40 from 0.3 mile west of NC 801 in Davie County to 0.3 mile west of SR 1101 (Harper Road) in Forsyth County. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2017. This is a Design Build Project. This is a Cash Flow project with \$4,130,000.00 in FY17, \$26,157,000.00 in FY18, \$26,157,000.00 in FY19 and \$26,156,000.00 in FY20.	\$82,600,000.00 \$66,080,000.00 \$16,520,000.00	Cost Fed. State

Urban

Forsyth Co. U-4741OG DIVISION	39745.3.23, STPDA-0918(100) Winston-Salem-Latern Ridge Greenway Connector. Funds are needed for construction for a greenway connector.	\$417,100.00 \$333,680.00 \$83,420.00	Cost Fed. Local
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Rail Program

Davidson Co. Z-5700IB DIVISION	44803.3.8, RR-2010(001) Railway-Highway Safety Project. SR 2010 (Holly Grove Road) and High Point, Thomasville and Denton (HPT&D) Crossing #836 565C in Thomasville. Funds are needed for construction for flashers and gates.	\$250,000.00 \$225,000.00 \$25,000.00	Cost Fed. State
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**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 9 (Continued)

Bicycle and Pedestrian

Forsyth Co.	39745.3.16, STPDA-0926(007)	-\$74,573.00	Cost
U-4741PD	Sidewalk Project at Middlebrook Drive and Highway 158	-\$59,658.00	Fed.
DIVISION	Crosswalk. \$74,573.00 has previously been approved for construction. Funds need to be decreased (\$74,573.00). The Village of Clemmons will not participate due to the formal bids coming in significantly higher than the first engineer's estimate and the flagging necessary for completion.	-\$14,915.00	Local

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Charlotte/ Mecklenburg Co. I-5405C EXEMPT	45454.3.10, NHPBA-0771(230) I-77 from I-277 (Brookshire Freeway) to West Catawba Avenue (Exit 28), provide additional express bus service to mitigate traffic congestion during construction. Construction funds are needed for additional express bus service. This is a Cash Flow project with \$295,000.00 in FY 17, \$531,000.00 in FY 18 and \$548,000 in FY 19. Non-participation state funds \$145,000.00 will be on WBS 45454.3.11.	\$1,374,000.00 \$983,200.00 \$390,800.00	Cost Fed. State
Mecklenburg Co. I-5796 STATEWIDE	50440.3.1, NHPIM-0085(033) I-85 from 0.1 mile north of SR 5901 (Billy Graham Parkway) to 0.3 mile north of NC 16. Construction funds are needed for pavement rehabilitation.	\$5,100,000.00 \$4,080,000.00 \$1,020,000.00	Cost Fed. State

Bridge

Stanly Co. B-5800 DIVISION	45754.2.1, BRZ-1253(005) Replace Bridge #160 over Ramsey Branch on SR 1253. Funds are needed for full right of way and utilities.	\$140,000.00 \$112,000.00 \$28,000.00	Cost Fed. State
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Safety

Mecklenburg Co. W-5601EC DIVISION	50138.3.131, HSIP-1601(003) SR 1601 (Moores Chapel Road) at SR 1609 (Rhyne Road) and SR 1601 (Moores Chapel Road) at I-485 ramps near Charlotte. Funds are needed for construction for safety improvements.	\$1,175,000.00 \$1,057,500.00 \$117,500.00	Cost Fed. State
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**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Union Co.	50138.2.64, HSIP-0200(004)	\$150,000.00	Cost
W-5601BK	NC 200 (Lancaster) and SR 1117 (Providence Road south).	\$135,000.00	Fed.
REGIONAL	\$150,000.00 has previously been approved for right of way and utilities. Additional funds are needed for full right of way and utilities.	\$15,000.00	State

Planning and Research

Stanly Co.	44527.1.26, SPR-0SPR(110)	\$43,700.00	Cost
M-0492Y	2017 Planning Grant for the Misenheimer / New London /	\$21,850.00	Fed.
EXEMPT	Richfield Bicycle and Pedestrian Plan. Funds are needed for Planning Grant.	\$21,850.00	State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 12

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. C-5606A EXEMPT	43728.1.2, CMAQ-2093(001) Belmont - Mount Holly Road, sidewalk connection. Funds are needed for preliminary engineering.	\$28,237.00 Cost \$22,307.00 Fed. \$5,930.00 Local

Urban

Statesville/ Iredell Co. U-6054 DIVISION	47087.1.1, STBGDA-1003(153) Construct Brookdale Drive - US 21 Connector. Funds are needed for preliminary engineering.	\$240,000.00 Cost \$165,600.00 Fed. \$74,400.00 Local
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Planning and Research

Gaston Co. M-0492W EXEMPT	44527.1.24, SPR-0SPR(108) 2017 Municipal Planning Grant for the Mount Holly Bicycle Plan. Funds are needed for Planning Grant.	\$56,700.00 Cost \$28,350.00 Fed. \$28,350.00 State
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Bicycle and Pedestrian

Newton/ Catawba Co. EB-5825 DIVISION	45970.1.1, STBGDA-1143(013) Construction of West A Street bike and pedestrian improvements, City of Newton. Funds are needed for preliminary engineering.	\$135,000.00 Cost \$108,000.00 Fed. \$27,000.00 Other
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**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 13

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. U-5189 DIVISION	45250.3.1, STPDA-0025(026) US 25 from I-40 south to NC 146 (Long Shoals Road). \$3,135,812.00 has previously been approved for construction. Additional funds are needed to construct sidewalk and crossing improvements. This is a Strategic Transportation Investments Transition project.	\$205,235.00 Cost \$164,188.00 Fed. \$41,047.00 Local

Safety

Madison Co. W-5713N REGIONAL	44861.1.14, HSIP-0025(042) US 25 / 70 at SR 1582 (Long Branch Road) near Marshall. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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Planning and Research

Buncombe Co. M-0492U EXEMPT	44527.1.22, SPR-0SPR(106) 2017 Municipal Planning Grant for the Asheville Corridor Plan. Funds are needed for Planning Grant.	\$43,700.00 Cost \$21,850.00 Fed. \$21,850.00 State
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**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Division 14

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Polk Co. M-0492NB EXEMPT	44527.1.30, SPR-0SPR(114) 2017 Planning Grant for the Tryon / Columbus Bicycle and Pedestrian Plan. Funds are needed for Planning Grant.	\$43,700.00 Cost \$21,850.00 Fed. \$21,850.00 State
Transylvania Co. M-0492NA EXEMPT	44527.1.29, SPR-0SPR(113) 2017 Planning Grant for the Transylvania County Bicycle Plan. Funds are needed for Planning Grant.	\$56,700.00 Cost \$28,350.00 Fed. \$28,350.00 State

**NCDOT July 2017 Board of Transportation
Approval of Funds for Specific Federal - Aid
Projects**

Statewide

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	44907.1.1, CMAQ-000S(895)	\$905,993.00	Cost
C-5702A	North Carolina Clean Energy Technology Center. Conduct a	\$724,794.00	Fed.
EXEMPT	Clean Fuel-Advanced Technology Outreach and Awareness Program. Funds are needed for preliminary engineering.	\$181,199.00	Local

Planning and Research

Statewide	44100.4.1, SPR-0SPR(116)	\$169,490.00	Cost
M-0522	RP2018 -25 Sign Replacement Strategy. Funds are needed for	\$144,066.00	Fed.
EXEMPT	Contract Research.	\$25,424.00	State
Statewide	44100.3.4, SPR-0SPR(115)	\$5,640,000.00	Cost
NO ID	FY 2018 Contract Research. Funds are needed for Contract	\$4,512,000.00	Fed.
EXEMPT	Research.	\$1,128,000.00	State

SUMMARY - 75 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$260,048,380.00

Funding for Transition Period projects is excluded from the Transportation Investment Strategy Formula.

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 4

* I-5786A JOHNSTON PROJ.CATEGORY STATEWIDE	I-95, REPLACE BRIDGE NUMBER 108 ON SR 1001 (LIZZIE MILL ROAD) AND BRIDGE NUMBER 111 ON SR 2141 (BIZZELL GROVE ROAD) OVER I-95. <u>SEGMENT PROJECT TO INCLUDE BRIDGE REPLACEMENT PROJECTS OVER I-95 PREVIOUSLY NOT PROGRAMMED.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$500,000 (NHPIM) FY 2018 - <u>\$7,000,000</u> (NHPIM) \$7,500,000
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DIVISION 10

* C-5225B MECKLENBURG PROJ.CATEGORY EXEMPT	TOBY CREEK GREENWAY, ROCKLAND DRIVE TO BLUE ROCK DRIVE IN CHARLOTTE. <u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2018 - \$840,000 (CMAQ) FY 2018 - <u>\$360,000</u> (L) \$1,200,000
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DIVISION 11

* B-5979 WATAUGA PROJ.CATEGORY DIVISION	HUNTING HILLS LANE, REPLACE BRIDGE NO. 940346 OVER SOUTH FORK OF NEW RIVER IN BOONE. <u>PROJECT ADDED DUE TO CONDITION OF BRIDGE</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$80,000 (STPOFF) FY 2019 - \$20,000 (L) FY 2019 - \$1,200,000 (STPOFF) FY 2019 - <u>\$300,000</u> (L) \$1,600,000
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STIP MODIFICATIONS

DIVISION 1

B-5603 HERTFORD PROJ.CATEGORY DIVISION	SR 1311 (BOONE'S BRIDGE ROAD), REPLACE BRIDGE 450137 OVER MEHERRIN RIVER OVERFLOW. <u>ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$127,000 (STPOFF) FY 2019 - \$1,268,000 (STPOFF) FY 2020 - <u>\$1,267,000</u> (STPOFF) \$2,662,000
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DIVISION 3

U-4906 ONslow PROJ.CATEGORY TRANSITION	SR 1308 (GUM BRANCH ROAD), WEST OF SR 1313 (MILLS FIELDS ROAD) TO EAST OF SR 1324 (RAMSEY ROAD) IN JACKSONVILLE. WIDENING. <u>ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$1,000,000 (STBG) FY 2019 - <u>\$7,500,000</u> (STBG) \$8,500,000
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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 3

W-5602 ONslow PROJ.CATEGORY REGIONAL	NC 172, CAMP LEJEUNE GATE TO NC 210. CONVERT TWO LANE ROADWAY TO THREE LANE ROADWAY WITH A TWO WAY LEFT TURN LANE. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT OF WAY FROM FY 16 TO FY 19.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$10,000 (HSIP) FY 2020 - <u>\$3,200,000</u> (HSIP) \$3,210,000
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DIVISION 5

B-4943 DURHAM PROJ.CATEGORY DIVISION	SR 1616 (BAHAMA ROAD), REPLACE BRIDGE 310020 OVER DIAL CREEK (LAKE MICHIE). <u>TO ACCOMMODATE DUKE ROWING TEAM SCHEDULE. DELAY CONSTRUCTION FROM FY 17 TO FY 18.</u>	CONSTRUCTION	FY 2018 - <u>\$1,450,000</u> (STPOFF) \$1,450,000
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DIVISION 7

* I-5852A GUILFORD PROJ.CATEGORY STATEWIDE	I-73 / US 421, I-85 TO I-40 IN GREENSBORO. PAVEMENT REHABILITATION. <u>PROJECT BREAK CREATED AT REQUEST OF DIVISION FOR STRATEGIC LETTING PURPOSES, WITH CONSTRUCTION FOR THIS SEGMENT DELAYED FROM FY 17 TO FY 20.</u>	CONSTRUCTION	FY 2020 - \$8,536,000 (NHPIM) FY 2021 - <u>\$8,536,000</u> (NHPIM) \$17,072,000
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I-5852B GUILFORD PROJ.CATEGORY STATEWIDE	I-73 / I-840, I-40 TO SR 2085 (BRYAN BOULEVARD) IN GREENSBORO. PAVEMENT REHABILITATION. <u>PROJECT BREAK CREATED AT REQUEST OF DIVISION FOR STRATEGIC LETTING PURPOSES - NO CHANGE IN SCHEDULE.</u>	CONSTRUCTION	FY 2017 - <u>\$5,174,000</u> (NHPIM) \$5,174,000
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* U-3109B ALAMANCE PROJ.CATEGORY REGIONAL	NC 119, NC 119 RELOCATION, NORTH OF SR 1921 (MEBANE ROGERS ROAD) TO SOUTH OF SR 1918 (MRS. WHITE ROAD) <u>ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 18 AT REQUEST OF OFFICE OF CHIEF ENGINEER AND DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - \$6,600,000 (STBG) FY 2017 - \$813,000 (STBG) FY 2018 - \$5,200,000 (STBG) FY 2019 - <u>\$5,200,000</u> (STBG) \$17,813,000
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U-5844 ALAMANCE PROJ.CATEGORY DIVISION	NC 62, SR 1430 (RAMADA ROAD) TO US 70 (CHURCH STREET) IN BURLINGTON. WIDEN TO MULTILANES. <u>ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 18 AND CONSTRUCTION FROM FY 22 TO FY 19 AT REQUEST OF OFFICE OF CHIEF ENGINEER.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$1,900,000 (T) FY 2019 - <u>\$5,200,000</u> (T) \$7,100,000
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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 10

B-5793	SR 2443 (CROWELL ROAD), REPLACE BRIDGE 120201	RIGHT-OF-WAY	FY 2017 -	\$20,000	(STPOFF)
CABARRUS	OVER LITTLE BUFFALO CREEK.	CONSTRUCTION	FY 2018 -	\$350,000	(STPOFF)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>			\$370,000	
DIVISION	<u>CONSTRUCTION FROM FY 17 TO FY 18</u>				

B-5801	SR 2166 (PLYLER ROAD), REPLACE BRIDGE 890163	RIGHT-OF-WAY	FY 2017 -	\$15,000	(STPOFF)
UNION	OVER POLE CAT CREEK.	CONSTRUCTION	FY 2018 -	\$250,000	(STPOFF)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>			\$265,000	
DIVISION	<u>CONSTRUCTION FROM FY 17 TO FY 18</u>				

B-5927	SR 1811 (GATEWOOD ROAD), REPLACE BRIDGE 030044	RIGHT-OF-WAY	FY 2017 -	\$65,000	(HFB)
ANSON	OVER REEDY FORK CREEK.	CONSTRUCTION	FY 2018 -	\$650,000	(HFB)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>			\$715,000	
HWY FUNDS	<u>CONSTRUCTION FROM FY 17 TO FY 18</u>				

* EB-5783	MATTHEWS, SAM NEWELL ROAD MULTI-USE PATH,	ENGINEERING	FY 2017 -	\$120,000	(STBGDA)
MECKLENBURG	RICE ROAD TO CROWN POINT ELEMENTARY SCHOOL.		FY 2017 -	\$30,000	(L)
PROJ.CATEGORY	CONSTRUCT GREENWAY.	RIGHT-OF-WAY	FY 2018 -	\$200,000	(STBGDA)
DIVISION	<u>ADD PRELIMINARY ENGINEERING IN FY 17 NOT</u>		FY 2018 -	\$50,000	(L)
	<u>PREVIOUSLY PROGRAMMED AND REMOVE</u>			\$400,000	
	<u>CONSTRUCTION CURRENTLY PROGRAMMED IN FY 19.</u>				

I-5796	I-85, 0.1 MILE NORTH OF SR 5901 (BILLY GRAHAM	CONSTRUCTION	FY 2017 -	\$5,100,000	(NHPIM)
MECKLENBURG	PKWY) TO 0.3 MILE NORTH OF NC 16. PAVEMENT			\$5,100,000	
PROJ.CATEGORY	REHABILITATION.				
STATEWIDE	<u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u>				

U-4714AB	SR 1009 (JOHN STREET-OLD MONROE ROAD), I-485.	RIGHT-OF-WAY	FY 2018 -	\$1,000,000	(T)
MECKLENBURG	IMPROVE INTERCHANGE	CONSTRUCTION	FY 2018 -	\$19,000,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$20,000,000	
DIVISION	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18</u>				
	<u>AND CONSTRUCTION FROM FY 17 TO FY 18</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 10

U-5108	NORTHCROSS DRIVE EXTENSION, END OF	RIGHT-OF-WAY	FY 2018 -	\$955,000	(STBGDA)
MECKLENBURG	NORTHCROSS DRIVE TO WESTMORELAND ROAD IN		FY 2018 -	\$500,000	(BA)
PROJ.CATEGORY	CORNELIUS. CONSTRUCT ROAD ON NEW LOCATION.		FY 2018 -	\$489,000	(L)
TRANSITION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2020 -	\$4,765,000	(STBGDA)
	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18</u>		FY 2020 -	\$1,000,000	(BA)
	<u>AND CONSTRUCTION FROM FY 18 TO FY 20</u>		FY 2020 -	\$2,023,000	(L)
				\$9,732,000	

DIVISION 14

* I-4729A	I-26, REVISE THE I-26/US 74/NC 108 INTERCHANGE.	RIGHT-OF-WAY	FY 2018 -	\$400,000	(T)
POLK	CONSTRUCT RAMPS FROM I-26 WESTBOUND TO US 74	CONSTRUCTION	FY 2018 -	\$16,000,000	(T)
PROJ.CATEGORY	EASTBOUND, AND FROM US 74 WESTBOUND TO I-26			\$16,400,000	
REGIONAL	EASTBOUND.				
	<u>BREAK PROJECT I-4729 INTO SEGMENTS A AND B.</u>				

* I-4729B	I-26, CONSTRUCT IMPROVEMENTS ON NC 108 AT EXIT	RIGHT-OF-WAY	FY 2019 -	\$1,000,000	(T)
POLK	67.	CONSTRUCTION	FY 2021 -	\$3,400,000	(T)
PROJ.CATEGORY	<u>BREAK PROJECT I-4729 INTO SEGMENTS A AND B.</u>		FY 2022 -	\$3,400,000	(T)
REGIONAL				\$7,800,000	

U-5548	BROWN AVENUE, REALIGNMENT OF BROWN AVENUE	CONSTRUCTION	FY 2018 -	\$400,000	(STBGDA)
HAYWOOD	FROM BOYD AVENUE TO APPROXIMATELY 1200 FEET		FY 2018 -	\$100,000	(L)
PROJ.CATEGORY	SOUTH OF THE INTERSECTION. PROJECT INCLUDES			\$500,000	
DIVISION	CONSTRUCTION OF NEW ROADWAY (SCHOOL				
	STREET), RAISED CROSSWALK, PAINTED				
	CROSSWALKS, REFUGE ISLAND, BULBOUT AND				
	SIGNAGE.				
	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>				
	<u>CONSTRUCTION FROM FY 17 TO FY 18</u>				

SUMMARY

ADDITION S	3	PROJECTS	\$10,300,000
MODIFICATION S	18	PROJECTS	
	21	PROJECTS	\$10,300,000

* INDICATES FEDERAL AMENDMENT

Board Member Lathrop abstained from voting on Project 80000.1.4.37 in Lee County; Project 80000.1.4.41 in Catawba County; and Project 36249.3798 in Catawba County. Board Member Zimmer abstained from voting on Project 36249.3797 in New Hanover County and Project 36249.750 in Brunswick County.

NCDOT June 29, 2017 Board of Transportation

SUMMARY: There are a total of 39 agreements for approval by the Board of Transportation.

Statewide

North Carolina Department of
Revenue

This Interagency Agreement is to provide the North Carolina Department of Revenue (NCDOR) access to products and services under the NCDOT's Information Technology Service Management (ITSM) contract with Service Now/Carahsoft to implement and use ITSM. The NCDOR will use the pricing for products and services outlined in the NCDOT's ITSM contract. The NCDOR shall provide payment for one hundred percent (100%) of the cost of the products and services used under the NCDOT's ITSM contract. The estimated amount is \$678,048.80. This Agreement supersedes the item approved by the Board on February 2, 2017.

Norfolk Southern Railway
Company, Inc. (NS)
80000.2.3.68

This Rail Agreement covers the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the installation of components to upgrade the crossing warning systems along specified NS Railroad corridors throughout the State. NS will perform the work and the Department shall reimburse NS for the cost of materials. The estimated cost to the Department is \$169,650.

Division 1

County of Martin
Martin County
80000.3.1.13

This Rail Agreement covers the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist the County with the construction of a new 5,371 foot track spur to serve Weitron Inc. The County will perform the work. The Department will participate in the cost of the project up to \$200,000. The total estimated cost of the project is \$1,883,197.

Division 3

Town of Carolina Beach
New Hanover County
U-5534 L
44096.1.F13
44096.2.13
44096.3.13

This Project consists of the construction of a 10-foot wide multi-use path from Greenville Avenue to Alabama Avenue in Carolina Beach. This Supplemental Agreement is to increase the funding and for additional time to complete the project. The Department's original participation was \$445,188 in STP-DA funds. The Department agrees to participate in an additional amount of \$220,295 in STBG-DA funds. The Municipality's original participation was \$111,297. The Municipality will participate in additional funding in the amount of \$55,074 and all costs that exceed the total estimated cost. The Supplemental Agreement is to also extend the completion date of the Project to June 1, 2019 in lieu of September 30, 2015.

NCDOT June 29, 2017 Board of Transportation

Division 3, cont.

City of Wilmington
New Hanover County
U-5527 B
50077.1.F3
50077.2.F3
50077.3.F3

This Project consists of the construction of high visibility crosswalks, curb ramps, and pedestrian activated signals on 5th Avenue at the Dawson Street and Wooster Street intersections. The Department's original participation was \$94,987. This Supplemental Agreement is for the Department to provide additional funding in the amount of \$113,600 from Transportation Enhancement funds. Costs which exceed the revised maximum amount of \$208,587 shall be borne by the Municipality. The Municipality will provide an additional \$28,400 for a total of \$52,147 as their local match, and all costs that exceed the total available funding. The Project completion date is also extends to September 1, 2022, in lieu of September 1, 2017.

North Carolina Ports Authority
New Hanover County
C-5600BB

This Rail Agreement will provide operational support to the Authority to operate The Queen City Express Intermodal Service between the Port of Wilmington and the Authority's Charlotte inland terminal. This financial support will provide the first year of intermodal service followed by two years of continued support to be funded through a CMAQ award. The total estimated cost to the Department is \$1,203,995.

Division 4

City of Roanoke Rapids
Halifax County
R-5784BA
44914.3.5

This Project consists of the construction of upgraded curb ramps to ADA compliance at various intersections on state-maintained roadways in the Municipality. The Municipality shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$64,800 (80%) from Transportation Alternatives Program (TAP) funds. The Department shall provide the 20% (\$16,200) non-federal match for the TAP funds. Costs that exceed this amount shall be borne by the Municipality.

Norfolk Southern Railway
Company, Inc. (NS)
Wayne County
80000.3.3.25

This Rail Agreement covers the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist NS with the upgrading of an existing fuel transfer facility that serves Seymour Johnson AFB. The project will include the reconfiguring of existing track, additional track, and installation of new above-ground hazardous materials handling equipment. NS will perform the work. The Department will participate in the cost of the project up to \$3,800,000. The total cost of the project is \$5,050,000. As a condition of the award of funds, NS and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness to secure a lien on the project assets for five (5) years.

NCDOT June 29, 2017 Board of Transportation

Division 5

Town of Morrisville
Town of Cary
Wake County
U-5828
44401.3.1

This Project consists of multilane construction on McCrimmon Parkway from SR 3015 (Airport Boulevard) to SR 1002 (Aviation Parkway) in Morrisville. At the request of the Municipalities, the Department will construct new water lines with full reimbursement by Morrisville for the costs of the new water lines and the ownership and maintenance of the water lines by Cary upon completion of the work. The estimated cost to Morrisville is \$2,162,400.

Town of Cary
Wake County
U-5501 A
45488.2.3
45488.3.2

This Project consists of the construction on SR 1650 (Reedy Creek Road), from North Harrison Avenue to 600 feet south of Watts Pond Lane, widening from 2 to 3 lanes, to include roundabouts as well as pedestrian and bicycle enhancements. The Municipality is responsible for all phases of the work. The total estimated cost is \$5,792,000. The Department shall reimburse 80% of eligible expenses up to \$4,633,600 in STBGDA funds. The Municipality shall provide the 20% non-federal match and all costs that exceed the total estimated cost.

Town of Cary
Wake County
U-5501 B
45488.2.4

This Project consists of the construction on SR 1650 (Reedy Creek Road), from 600 feet south of Watts Pond Lane to NE Maynard Road, widening from 2 to 3 lanes, to include roundabouts as well as pedestrian and bicycle enhancements. The Municipality is responsible for all phases of the work. The total estimated cost is \$605,000. The Department shall reimburse 80% of eligible expenses up to \$484,000 in STBGDA funds. The Municipality shall provide the 20% non-federal match and all costs that exceed the total estimated cost.

City of Raleigh
Wake County
B-5556
50148.1.F1
50148.2.F1
50148.3.F1

This project consists of the replacement of Bridge No 910490 on Lake Damn Road over Walnut Creek. The Municipality is responsible for all phases of the Project. This Supplemental Agreement is to increase funding. The Department shall participate in an additional amount not to exceed \$746,400 (80%) in Surface Transportation Program (STP) funds. The Municipality will be responsible for providing \$186,600 (20%) as the non-federal match.

City of Durham
City of Raleigh
Chapel Hill-Carrboro MPO
Capital Area MPO
M-0522
47433.1.2

This Project consists of developing a joint Triangle Strategic Tolling Study. The total approved eligible cost for developing Study is \$400,000. The Department shall allocate funds up to \$200,000 of the approved eligible costs.

NCDOT June 29, 2017 Board of Transportation

Division 5, cont.

City of Durham
City of Raleigh
Chapel Hill-Carrboro MPO
Capital Area MPO
M-0522
47433.1.3

This Project consists of updating the long-range transportation plan Corridor Study for NC 98, extending from U.S. 70 in Durham County to U.S. 401 in Franklin County. The total approved eligible cost for developing this portion of the NC 98 Corridor Study is \$300,000. The Department shall allocate funds up to \$100,000 of the approved eligible costs.

CSX Transportation, Inc.
(CSXT)
City of Raleigh
Wake County
P-5500

This Rail Agreement will grant a license from CSXT and the Department to the Municipality for the purpose of maintaining a grade separated crossing by constructing a twenty foot wide private maintenance road that crosses track owned or controlled by CSXT and along property ROW owned by the Department, located at the Raleigh Union Station. Maintenance will be provided by the Municipality and the crossing will be restricted for use only by emergency and maintenance personnel. All project work and annual fees shall be at no expense to the Department.

Division 5
CSX Transportation, Inc.
(CSXT)
City of Raleigh
Wake County
P-5500

On December 21, 2015, the Department, CSXT, and the Municipality entered into the Martin Street and West Street Driveway Grade Separation Construction and Maintenance Rail Agreement for the construction of a private at-grade crossing to be used for emergency purposes by the Municipality. This Amendment #1 to the Martin Street and West Street Driveway Grade Separation Construction and Maintenance Rail Agreement includes access to the crossing for maintenance purposes along with emergency purposes as included in the original Agreement. All other provisions will remain the same. This Amendment is done at no additional cost to the Department.

Division 6

Town of Spring Lake
Cumberland County
U-5528 FE
50078.3.7

This Project consists of the construction of sidewalks along South 3rd Street from Spring Avenue to Wilson Avenue, NC 210 from Spring Avenue to North 4th Street and North 5th Street from NC 210 to Parker Street in Spring Lake. The Municipality shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$181,168 from Transportation Alternatives Program (TAP) funds. Costs that exceed this amount shall be borne by the Municipality.

NCDOT June 29, 2017 Board of Transportation

Division 6, cont.

Aberdeen and Rockfish Railroad Company (A&R) Cumberland County U-2519CA 34817.3.13	This Rail Project consists of constructing Future 295 Fayetteville Outer Loop beginning at Station 575+50.00 - L- running in an northerly direction over the tracks of A&R to Station 745+08.65 - L- in Rockingham County, including construction of a structures at separated grades and appurtenant works across the Railroad's right of way, tracks and other facilities near Railroad Milepost 32.90 and Highway Survey Station 605+59.79 - L- in accordance with plans and specifications prepared by the Department and approved by the Railroad.
North Carolina Department of Natural and Cultural Resources, Division of Parks and Recreation Columbus County 45857	This Project consists of the construction of a pedestrian bridge near the Lake Waccamaw Dam which is a part of Lake Waccamaw State Park. The Agency is responsible for all phases of the Project. This Supplemental Agreement is to increase funding. The Department's original participation was \$300,000 in State Contingency funds. The Department agrees to participate in an additional amount not to exceed \$60,000 in State Contingency funds.

Division 7

Norfolk Southern Railroad Company (NSR) Rockingham County B-4964 40242.1.1	This Rail Project consists of replacing the SR 2600 bridge beginning at Station 12+00.00 - L- running in an easterly direction over the tracks of NSR to Station 25+00.00 - L- in Rockingham County, 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 265.20 and Highway Survey Station 18+73.69 - L- in accordance with plans and specifications prepared by the Department and approved by the Railroad.
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Division 8

Atlantic & Western Railway Limited Partnership (ATW) Lee County 80000.1.4.37	This Rail Agreement covers the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to ATW for the replacement of track from milepost 123.5 to milepost 124.5. ATW will perform the work. The Department will participate in the cost of the project to the extent of 50%, or up to \$290,030, whichever is less. The total estimated cost of the project is \$580,060.
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NCDOT June 29, 2017 Board of Transportation

Division 8, cont.

CSX Transportation, Inc. (CSXT)
Scotland County
C-5600B
50061

On April 3, 2017, the Department and CSXT entered into Addendum #10 to the Master Engineering Rail Agreement for the development and review of track and signal plans for the proposed Dixie Siding project in Scotland County. This Supplemental Rail Agreement #1 to Addendum #10 of the CSXT Master Engineering Rail Agreement revises the scope of work to include improvements to the Bladenboro Siding and East Arcadia Siding. With the additional work, the estimated cost of preliminary engineering will be changed from \$300,000 to \$500,000. All other provisions will remain the same.

Laurinburg & Southern
Company, Inc. (LRS)
Scotland County
80000.1.4.38

This Rail Agreement includes the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist LRS with track upgrades from L0 to L2 along with track resurfacing and crosstie replacement from 0.1 to 8, L0 to L2, Johns Line. LRS will perform the work. The Department will participate in the cost of the project to the extent of 50%, or up to \$749,843, whichever is less. The total estimated cost of the project is \$1,499,685.

Division 9

City of Winston-Salem
Forsyth County
44610

This Project consists of pedestrian improvements on Cloverdale Avenue and Miller Street in Winston-Salem. The North Carolina General Assembly has allocated additional funds for the Project. The Department's original participation was \$750,000. The Department agrees to reimburse the Municipality an additional \$500,000 of Contingency funds.

Town of Bermuda Run
Davie County
I-0911 A
34147.3.4

This Design Build Project consists of widening 3.3 miles of I-40 to a six-lane divided facility from west of NC 801 to east of SR 1101 (Harper Road). It also includes the replacement of the dual bridges on I-40 over the Yadkin River and replacement of an existing pedestrian bridge over I-40. At the request of the Municipality, the Department shall include replacement of the existing pedestrian bridge with a weathering steel arch truss bridge. The Municipality shall contribute \$250,000 for the pedestrian bridge improvements.

NCDOT June 29, 2017 Board of Transportation

Division 9, cont.

Norfolk Southern Railroad
Company (NSR)
Forsyth County
B-4746
38518.1.1

This Rail Project consists of replacing the SR 2264 bridge beginning at Station 10+50.00 - L- running in an easterly direction over the tracks of NSR to Station 21+55.30 - L- in Forsyth County, 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 R-123.01 and Highway Survey Station 18+03.65 - L- in accordance with plans and specifications prepared by the Department and approved by the Railroad.

Salisbury-Rowan Utilities
Rowan County
I-3802B
36780.2.U3

This Project consists of additional lanes on I-85 from Lane Street (Exit 63) to US 29-601 Connector (Exit 68). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water lines. The estimated cost to the Municipality is \$85,311.90.

City of Winston-Salem Utilities
Forsyth County
U-2579C
34839.3.GV6

This Project consists of construction of the Winston-Salem Northern Beltway (Eastern Section) from US 311 to US 158. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water lines. The estimated cost to the Municipality is \$877,914.

Division 10

Town of Matthews
Mecklenburg County
U-4713B
39077.2.3
39077.3.F3

This Project consists of the construction of a new two-lane road (McKee Street) on four-lane right of way from John Street (SR 1010) to Campus Ridge Road (SR 3457). The Municipality is responsible for all phases of the Project. This Supplemental Agreement is to increase funding. The Department shall reimburse the Municipality for the non-federal match (20%) up to the maximum amount of \$250,000 in State Contingency funds.

Copperfield, Inc.
City of Concord
I-3802A
36780.1.2
36780.3.FS1

This Project consists of the extension of Dickens Place NE to connect with Vinehaven Drive NE at Copperfield Boulevard (SR 2126) in Concord. The Department is responsible for all phases of the Project. This Agreement is to address the Developer's participation in the Preliminary Engineering (PE) costs of the project. The Developer shall participate in 50% of the PE costs in the amount of \$159,927.74. The estimated cost of the project is \$319,855.48.

NCDOT June 29, 2017 Board of Transportation

Division 10, cont.

Town of North Wilkesboro
Wilkes County
R-2603
36001.3.FR1

This Project consists of improvements on NC 268 from multi-lanes east of NC 18 to SR 1966 in Wilkes County. The Department is responsible for all phases of the project. This Supplemental Agreement is to revise the funding participation for the additional sidewalk requested by the Municipality. The Municipality shall reimburse the Department 20% of the actual costs of the sidewalks. The estimated reimbursement from the Municipality is \$55,851.

Aberdeen, Carolina & Western
Railway Company (ACWR)
Norfolk Southern Railway
Company, Inc. (NS)
Mecklenburg County
80000.1.4.40

This Rail Agreement covers the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist ACWR with the replacement of crossties and track resurfacing to upgrade the track to 286K capacity between mileposts 381 and 386.4. ACWR will perform the work. The Department will participate in the cost of the project to the extent of 50%, or up to \$159,255, whichever is less. As a condition of the award of funds, NS and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness to secure a lien on the project assets for five (5) years. The total estimated cost of the project is \$318,510.

Division 11

Piedmont & Atlantic Railroad
Co., Inc. dba Yadkin Valley
Railroad Company (YVRR)
Norfolk Southern Railway
Company, Inc. (NS)
Wilkes County
80000.1.4.39

This Rail Agreement covers the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist YVRR with crosstie replacement at mileposts K 37-93 and CF 0-30; along with track replacement at mileposts K 71-72, 73, 74.1, and 42.9. YVRR will perform the work. The Department will participate in the cost of the project to the extent of 50%, or up to \$600,410, whichever is less. As a condition of the award of funds, NS and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness to secure a lien on the project assets for five (5) years. The total estimated cost of the project is \$1,200,820.

Divisions 11, 12, & 13

Caldwell County
Railroad (CWCY)
Caldwell Railroad Commission
(CRC)
City of Hickory
Caldwell, Catawba, and Burke
Counties
80000.1.4.41

This Rail Agreement covers the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist CWCY with the repairing of five (5) bridges, replacement of crossties, track, and switch ties from milepost 90.6 to 107.5, the upgrading of relay rail in the North Hickory Yard, and crossing renewal at 2nd Avenue and Main Avenue crossings for the CWCY rail corridor. CWCY will perform the work. The Department will participate in the cost of the project to the extent of 50%, or up to \$209,500, whichever is less. The total estimated cost of the project is \$419,000.

NCDOT June 29, 2017 Board of Transportation

Division 12

Town of Mooresville
Iredell County
C-5701
46446.2.1
46446.3.1

This Project consists of intersection improvements at NC801 and NC 150. The Municipality is responsible for all phases of the work. This Supplemental Agreement is to increase funding. The Department shall participate in an additional amount of \$200,000 of state contingency funds, which will be used towards the Municipality's non-federal match to the CMAQ funds.

Alexander Railroad Company
(ARC)
Iredell County
80000.1.4.42

This Rail Agreement covers the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist ARC with the upgrading of the Statesville Yard track and switches, and the construction of a new storage track. ARC will perform the work. The Department will participate in the cost of the project to the extent of \$500,000. The total estimated cost of the project is \$1,059,544.

Division 13

FHWA – Eastern Federal Lands
Highway Division (EFL)
U.S. Department of the Interior -
National Parks Service (NPS)
FHWA – NC Division Office
(FHWA)
Buncombe County
I-4700B
36030.1.FS3

This Project consists of the widening of I-26 from NC 146, Long Shoals Road (Exit 37) to I-40 in Buncombe County. This agreement provides for the preliminary and final design, environmental documentation, and design support during construction to be performed by the EFL and the NPS in coordination with FHWA and the Department to obtain the NPS Design Advisory Board approval and to meet NEPA and NPS compliance for the Blue Ridge Parkway bridge replacement over I-26, near Milepost 36, in Buncombe County. This Supplemental Agreement is to increase the scope of work and funding for the Project. The Department agrees to participate in an additional amount of \$1,250,000. The Department's original participation for preliminary design was \$650,000. The Department shall provide 80% of the costs in Federal National Highway Performance Program (NHPP) Funds with 20% in State Matching Funds.

Division 14

Great Smoky Mountains
Railroad (GSMR)
Cherokee, Jackson, Macon, and
Swain Counties
80000.1.4.43

This Rail Agreement covers the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist GSMR with performing track improvements, replacement of crossties, siding rehabilitation and extension bridge re-decking at mileposts 47-87. GSMR will perform the work. The Department will participate in the cost of the project to the extent of 50%, or up to \$506,589, whichever is less. The total estimated cost of the project is \$1,013,178.

NCDOT June 29, 2017 Board of Transportation

Graham County
U-5866
46390.3.1

This Project consists of a New Route from US 129 to Robbinsville High School/Middle School Campus including sidewalk and a bridge over the Cheoah River. The Department shall prepare the environmental and/or planning document, Project plans and specifications, construct the Project, and acquire any needed right of way. The County shall relocate and adjust any utilities. At the request of the County, the Department shall include in its contract the construction of sidewalk on or along US 129 and on the New Route. The County shall reimburse the Department 20% of the actual cost of the work. The estimated reimbursement from the County is \$11,224.

NCDOT June 29, 2017 Board of Transportation

SUMMARY: There are a total of 19 agreements for informational purposes only.

Division 1

Outer Banks Sporting Events
Dare County
36249.3799

The Project consists of providing traffic control for the Outer Banks Marathon in Dare County, including but not limited to cones, signs, barricades, changeable message signs, and the associated labor to install and maintain them. The Developer shall reimburse the Department (100%) of the cost. The estimated total cost of Project is \$17,000.

Division 2

East Carolina University
Pitt County
36249.3794

This Project consists of the widening Charles Street in the Northwest quadrant to provide a south bound left turn lane and the revision of existing traffic signal (02-0018) to provide steel poles with mast arms and flashing yellow arrows for 10th Street left turn movement. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department 100% of the cost of the work performed by the Department. The estimated reimbursement from the Municipality is \$300,000.

Taft-Ward Investments, LLC
Pitt County
36249.3796

This Project consists of the revising the existing traffic signal on 10th Street and Charles Street (02-0018) to provide steel poles and mast arms and flashing yellow arrows for 10th Street left turn movement. The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department 100% of the cost of the work performed by the Department. The estimated reimbursement from the Developer is \$115,000.

Division 3

Autumn Hall, Inc.,
New Hanover County
36249.3797

This Project consists of review and inspection of a traffic signal installation at the intersection at US 74 (Eastwood Road) at John Paul Drive / Site Driveway [SIN 03-0981], Dungannon Boulevard [SIN 03-1026], and Long Leaf Acres Drive [SIN 03-0998], and for signal modifications at US 74 (Eastwood Road) and Rogersville Road / Bay Creek Drive [SIN 03-0778]. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$20,000.

NCDOT June 29, 2017 Board of Transportation

Division 3, cont.

Town of Ocean Isle Beach
Brunswick County
36249.3750

This Project consists of the construction of a roundabout at the intersection of NC 179 / NC 904 and SR 1184. This Supplemental Agreement is to clarify maintenance responsibilities. The Municipality to maintain the roundabout sidewalks upon completion of the Project.

Division 4

City of Roanoke Rapids
Halifax County
R-5784BA
44914.3.5

This Project consists of the construction to upgrade curb ramps to ADA compliance at various intersections on state-maintained roadways. The Municipality shall be responsible for all phases of the Project. The Department shall reimburse 100% of eligible expenses up to \$81,000. The Municipality shall responsible for all maintenance.

City of Rocky Mount
Nash County
36249.3803

This Project consists of design, fabrication, and installation of "Welcome to Rocky Mount" signs to be located on US 64 (east and west) and US 301 (north and south). The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$40,000.

Nash Rocky Mount Public
Schools
Nash County
80044

This Project consists of the construction of left and right turn lanes on NC 581 at the entrance of Southern Nash Middle School. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual costs in an amount not to exceed \$75,000. Costs which exceed this amount shall be borne by the Municipality. Total estimated Project cost is \$183,000.

Division 5

Town of Wake Forest
Wake County
EL-5100 AD
41821.1.38

This Project consists of construction of pedestrian connections along W. Oak Avenue (SR 1931) and Wait Avenue (NC 98 Business) in Wake Forest. This Supplemental Agreement is to extend the date of completion to December 31, 2019 in lieu of October 11, 2017.

Wake County Board of
Education (BOE)
36249.3688

This Project consists of review and inspection of upgraded traffic signals at the intersection of SR 2825 (Spring Drive) and SR 2826 (Coldwater Drive) and SR 2812 (Timber Drive) and SR 2720 (Grovemont Road/Spring Drive). The BOE shall reimburse the Department 100% of the cost of all work performed by the Department. The estimated cost is \$5,000.

NCDOT June 29, 2017 Board of Transportation

Division 5, cont.

Wake County Board of
Education (BOE)
36249.3801

This Project consists of review and inspection of the installation of a traffic signal at the intersection of Little Drive at Davis Drive. The BOE shall reimburse the Department 100% of the cost of all work performed by the Department. The estimated cost is \$7,500.

Town of Morrisville
Wake County
C-5168
46233.1.1
46233.2.1
46233.3.1

This Project consists of the design and construction of a greenway trail connecting residential neighborhoods to retail and employment areas. This Supplemental Agreement is to include the Right of Way and Utility WBS Elements for eligible expenses for the Project.

Brightmore Properties of Cary
Wake County
36249.3730

This Project consists of review and inspection of upgrades to the existing signals on Kildaire Farm Road at the intersections of Wake Medical Drive, Tryon Road, and Advent Court. The Developer shall reimburse the Department 100% of the cost of all work performed by the Department. The estimated cost is \$10,000.

CSX Transportation, Inc.
(CSXT)
North Carolina Railroad
Company (NCRR)
Wake County
P-5500
44092

On October 28, 2015, the Department, CSXT, and NCRR entered into an Addendum #7 to the Railroad Master Construction Agreement that covered the permitting, construction and related activities along the CSXT S Line and Boylan Wye, which are components of the Raleigh Union Station Track and Signal Improvements. This Rail Supplemental Agreement #1 to Addendum #7 of the CSXT Railroad Master Construction Agreement changes the completion date of the Project from March 31, 2016 to March 31, 2018. All other provisions will remain the same.

Division 6

City of Fayetteville
Cumberland County
15B.22.29

This Project consists of the replacement of a failing retaining wall and installation of landscaping along Ramsey Street at the CSX overpass in Fayetteville. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of the landscaping. The estimated cost is \$43,233.

NCDOT June 29, 2017 Board of Transportation

Division 12

The Village at Sherrills Ford,
LLC
Catawba County
36249.3800

This Project consists of a signal modification at NC 150 and Slanting Bridge Road and a proposed signal at NC 150 and Village Center Drive (Main Site Entrance). The Developer shall reimburse the Department 100% of the cost of all work performed by the Department. The estimated reimbursement is \$5,000.

Division 13

Town of Old Fort
McDowell County
36249.3798

This Project consists of the installation of guide signs reading "Welcome to Old Fort" with slogan signs reading "Home of the NC Gold Festival" located at the town limits on US 70 West, US 70 East and Bat Cave Road. The Municipality shall reimburse 100% of the actual costs of the Department's work. The estimated reimbursement is \$1,093.

Division 14

Parker-Binns Vineyard
Polk County
36249.15

This Project consists of the sign design, fabrication, construction and installation for "Parker-Binns Vineyard" directional sign assemblies. The Facility shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$20,000.

Eastern Band of Cherokee
Indians (EBCI)
Jackson County
36249.3795

This Project consists of grading, drainage, paving, utilities, lighting and signals on US 19 from the intersection of US 19 and US 441 Business to just east of the intersection of US 19 and SR 1427 (Old Mission Road). The EBCI shall administer the construction contract for the project. The Department shall provide the Construction Engineering Inspection (CEI) for the project. The EBCI shall reimburse the Department 100% of the costs of all work performed by the Department, including CEI. The estimated reimbursement is \$350,000.

NCDOT July 2017 Board of Transportation

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 1)

Hertford County; I.D. No. B-5603; Project No. 45558.2.1:
Bridge No. 137 over the Meherrin River Overflow on SR 1311

Chowan County; I.D. No. B-5507; Project No. 55007.2.1:
Bridge No. 24 over Warwick Swamp, Bridge No. 20 over Dillard Creek and Bridge No. 21 over Sand Run on NC 32

(Division 5)

Warren County; I.D. No. B-5687; Project No. 45641.2.1:
Bridge No. 43 over Shocco Creek on SR 1620

Wake County; I.D. No. C-5172; Project No. 46236.2.2:
Raleigh – Coleridge Drive to Wake Forest Road (BOT Approved 1/8/15 under WBS Element Number 46236.2.FS1)

(Division 6)

Cumberland County; I.D. No. B-5700; Project No. 45654.2.1:
Bridge No. 45 over South River on SR 2030 (Polly Island Road)

NCDOT July 2017 Board of Transportation

Preliminary Right of Way Plans (continued)

(Division 6) (continued)

Columbus County; I.D. No. R-5749; Project No. 53086.2.2:
US 74/76 at SR 1001 (Hallsboro Road)

Columbus County; I.D. No. W-5601EV; Project No. 50138.2.153:
US 74 from SR 1834 (Water Tank Road) to just East of the Brunswick County Line

Columbus County; I.D. No. B-5699; Project No. 45653.2.1:
Bridge No. 68 over Green Swamp on NC 214

Harnett County; I.D. No. B-5711; Project No. 45665.2.1:
Bridge No. 245 over East Buies Creek on SR 2054 (Marshbanks Street)

(Division 7)

Alamance County; I.D. No. B-5349; Project No. 46063.2.1:
Bridge No. 173 over Little Alamance Creek on SR 1149

(Division 9)

Rowan County; I.D. No. B-5778; Project No. 45734.2.1:
Bridge No. 61 over Fourth Creek on NC 801

(Division 11)

Caldwell County; I.D. No. R-5805; Project No. 45967.2.1:
Intersection of Connelly Springs Road and Cahah's Mountain Road

(Division 12)

Gaston County; I.D. No. W-5212N; Project No. 45352.2.14:
NC 279 from Camp Sertoma in Gaston County to SR 1438 (St. Mark's Church Road)

(Division 13)

Madison County; I.D. No. B-4777; Project No. 38548.2.1:
Bridge No. 08 and 09 over Ivy River on NC 251

PRELIMINARY RIGHT OF WAY PLANS

14 PROJECT(S)

\$0.00

NCDOT July 2017 Board of Transportation

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 3)

Project No. 33808.2.1; Sampson County; I.D. No. B-4637:

Grading, paving, drainage and structures on Bridges No. 325 and 326 over Little Coharie Creek Overflow and Bridge No. 327 over Little Coharie Creek on SR 1409 (Old Salemburg Road) with the right of way indicated upon the final plans for said project.

(Division 4)

Project No. 46046.2.1; Columbus County; I.D. No. B-5332:

Drainage, grading, paving and structure on Bridge No. 130 over Cedar Creek on SR 1005 (Peacock Road) with the right of way indicated upon the final plans for said project.

(Division 5)

Project No. 46041.2.1; Person County; I.D. No. B-5327:

Grading, drainage, paving and structure on Bridge No. 49 over South Hyco Creek with the right of way indicated upon the final plans for said project.

(Division 7)

Project No. 46062.2.1; Orange County; I.D. No. B-5348:

Signals, grading, drainage, paving and structure on Bridge No. 85 over Phil's Creek on SR 1005 (Old Greensboro Road) with the right of way indicated upon the final plans for said project.

FINAL RIGHT OF WAY PLANS

4 PROJECT(S)

\$0.00

NCDOT July 2017 Board of Transportation

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 3)

Project No. 34416.2.5; I.D. No. R-2303D; Sampson County:

Final Right of Way plans approved on the minutes of the September 15, 2015 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 28 as presented at the June 29, 2017 Board of Transportation Meeting.

(Division 10)

Project No. 40373.2.D1; I.D. No. U-4910A; Cabarrus County:

Final Right of Way plans approved on the minutes of the February 2, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 5 and 6 as presented at the June 29, 2017 Board of Transportation Meeting.

Project No. 40373.2.F2; I.D. No. U-4910B; Cabarrus County:

Final Right of Way plans approved on the minutes of the February 2, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 6 and 7 as presented at the June 29, 2017 Board of Transportation Meeting.

NCDOT July 2017 Board of Transportation

Revisions of the Final Right of Way Plans (continued)

(Division 12)

Project No. 34497.2.FS9; I.D. No. R-2707C; Cleveland County:

Final Right of Way plans approved on the minutes of the May 4, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 35, 36 and 41 as presented at the June 29, 2017 Board of Transportation Meeting.

REVISION FINAL ROW PLANS

4 PROJECT(S)

\$0.00

NCDOT July 2017 Board of Transportation

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 5)

**Project 34745.2.8, Parcels U-0071 U, 027, 244, and 245, Durham East End Connector from North of NC 98 to NC 147 (Buck Dean Freeway)
Durham County**

Conveyance of an approximate 1.858-acre residue area to ABF Freight System, Inc. as part settlement for no monetary consideration.

**Project 34745.2.8, Parcels U-0071 031, 032, and 129, Durham East End Connector from North of NC 98 to NC 147 (Buck Dean Freeway)
Durham County**

Conveyance of an approximate 0.402-acre residue area to Greenscape Group Southerland, L.L.C and the Fidelity Bank as part settlement for no monetary consideration.

(Division 7)

**Project 42345.2.1, Parcel I-5110 005, I-73 from NC 68 to Greensboro Wester Loop
Guilford County**

Conveyance of an approximate 1.009-acre residue area to ARC HRPBPAB002, LLC as part settlement for the appraised value of \$21,650.00.

(Division 11)

**Project 11.209911, Parcel 099SR1529 001, Rock Quarry along Lime Rock Road
Yadkin County**

Conveyance of an approximate 81.310-acre landlocked residue area to Stephen David Lawson, the highest bidders after public advertisement, for the high bid amount of \$101,485.00.

CONVEYANCE ROW RESIDUE

4 PROJECT(S)

\$123,135.00

NCDOT July 2017 Board of Transportation

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 11)

Project 6.803984, US 321 near SR 1542 (Jordan V. Cook Road) in Boone Watauga County

Abandonment of an approximate 0.0092-acre permanent drainage easement area to Milan Real Estate, LLC for no monetary consideration.

CONVEYANCE OF SURPLUS RIGHT OF WAY

1 PROJECT(S)

\$0.00

NCDOT July 2017 Board of Transportation

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 8.2492805, Parcel R-2913A 004, Guilford College Road in Jamestown Guilford County

Grant of a revision in the existing control of access to the Board of Trustees of Guilford Technical Community College for three breaks along Guilford College Road in Jamestown for no monetary consideration.

(Division 8)

Project 8.T520905, Parcel R-2318 128, US 64 Chatham County

Grant of a revision in the existing control of access to Goldston Apex Properties, L.L.C for the relocation of an approximate 60 foot break along US 64 for no monetary consideration

APPROVAL OF REVISION IN C/A

2 PROJECT(S)

\$0.00

NCDOT July 2017 Board of Transportation

Advance Acquisition of Highway Right of Way

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

(Division 5)

**Property of Nancy West (David Glover POA)
I.D. No. R-2829, Parcel #901,
WBS 35517.2.1, F. A. Project N/A,
County of Wake**

**Property of Antique Village
I.D. No. P-5720, Parcel #901,
WBS 46932.2.1, F. A. Project N/A,
County of Wake**

(Division 9)

**Property of Raymond Lineberry a/w Linda
I.D. No. U-2579E, Parcel 902
WBS 34839.2.8, F. A. Project N/A
County of Forsyth**

(Division 10)

**Property of Richard Russell
I.D. No. U-2509A, Parcel 901
WBS 38965.2.2, F. A. Project N.A
County of Mecklenburg**

ADVANCE ACQUISITION OF HIGHWAY RIGHT OF WAY 4 PROJECT(S) \$0.00

SUMMARY 33 PROJECT(S) TOTAL: \$ 123,135.00

Committee Reports

Cullie Tarleton, Chair of the Highway Committee provided a committee update.

Tracy Dodson, Vice Chair of the Multi-Modal Committee provided a committee update.

Valerie Jordan, Chair of the Economic Development & Intergovernmental Relations (EDIR) Committee provided a committee update.

Tony Lathrop, Chair of the Funding & Appropriations Strategies (FAST) Committee provided an update.

Other Business

Board Member Debnam recognized Division Engineer Ed Green on his upcoming retirement.

Vice Chair Szlosberg-Landis provided a presentation and overview of the I-85 Employee Memorial Dedication event.

Adjournment

Chairman Fox noted that the next meeting of the Board will be held in August in Greensboro. There being no further business to come before the Board, the meeting was adjourned at 10:21 am. A motion was made by Board member Tulloss, seconded by Board member Pope.



A handwritten signature in cursive script, appearing to read "Michael S. Fox", written over a horizontal line.

Chairman Fox

North Carolina Board of Transportation

Attest

A handwritten signature in cursive script, appearing to read "Hannah Jernigan", written over a horizontal line.

Secretary to the Board of Transportation

Dated this 3 day of August, 2017

PRIORITIZATION 5.0 SCORING FOR ALL MODES (WITH CRITERIA DEFINITIONS)

RECOMMENDED BY THE P5.0 WORKGROUP JUNE 1, 2017

Objective: The Board of Transportation approves the following P5.0 Workgroup recommendations in accordance with the Strategic Transportation Investments law.

Highway Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility	<p>Congestion = 30%</p> <ul style="list-style-type: none"> Measurement of the traffic volume (accounting for seasonal traffic) on the roadway compared to the existing capacity of the roadway, weighted by the traffic volume (accounting for seasonal traffic) along the roadway. <p>Benefit/Cost = 25%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. <p>Freight = 25%</p> <ul style="list-style-type: none"> Measurement of truck volume and truck percentage of total traffic on the roadway, and the degree the project is helping to complete a future interstate corridor (if applicable). <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the existing severity, frequency, and rate of crashes along the roadway and the safety benefits the project is expected to provide over 10 years. <p>Economic Competitiveness = 10%</p> <ul style="list-style-type: none"> Measurement of the estimated percent change in economic activity within the county and the percent change in the number of long term jobs that the project is expected to provide over 10 years. <p>Total = 100%</p>	--	--
Regional Impact	<p>Congestion = 20%</p> <ul style="list-style-type: none"> Measurement of the traffic volume (accounting for seasonal traffic) on the roadway compared to the existing capacity of the roadway, weighted by the traffic volume (accounting for seasonal traffic) along the roadway. <p>Benefit/Cost = 20%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the existing severity, frequency, and rate of crashes along the roadway and the safety benefits the project is expected to provide over 10 years. <p>Accessibility/Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of county economic distress indicators and the degree the project upgrades mobility of the roadway, with the goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network. <p>Freight = 10%</p> <ul style="list-style-type: none"> Measurement of truck volume and truck percentage of total traffic on the roadway, and the degree the project is helping to complete a future interstate corridor (if applicable). <p>Total = 70%</p>	15%	15%

Division Needs	<p>Congestion = 15%</p> <ul style="list-style-type: none"> Measurement of the traffic volume (accounting for seasonal traffic) on the roadway compared to the existing capacity of the roadway. <p>Benefit/Cost = 15%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the existing severity, frequency, and rate of crashes along the roadway and the safety benefits the project is expected to provide over 10 years. <p>Accessibility/Connectivity = 5 %</p> <ul style="list-style-type: none"> Measurement of county economic distress indicators and the degree the project upgrades mobility of the roadway, with the goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network. <p>Freight = 5%</p> <ul style="list-style-type: none"> Measurement of truck volume and truck percentage of total traffic on the roadway, and the degree the project is helping to complete a future interstate corridor (if applicable). <p>Total = 50%</p>	25%	25%
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Note: Regions and/or Divisions may approve different criteria and weights for their respective areas.

Aviation Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility	<p>NCDOA Project Rating = 40%</p> <ul style="list-style-type: none"> Scores projects based on project categories within the NC Airports System Plan, developed by the NCDOT Division of Aviation (DOA). Points are assigned based on priority and need of the project.. <p>Non-State Contribution Index = 30%</p> <ul style="list-style-type: none"> Measurement of the project's federal, local, or private funding contributions compared to the requested state funds. <p>Benefit/Cost = 20%</p> <ul style="list-style-type: none"> Measurement of the project's total economic contribution compared to the cost of the project to NCDOT. <p>FAA ACIP Rating = 10%</p> <ul style="list-style-type: none"> Scores projects based on ratings within the Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP). Ratings are based on critical airport development and capital needs for the National Airspace System (NAS). <p>Total = 100%</p>	--	--
Regional Impact	<p>NCDOA Project Rating = 30%</p> <ul style="list-style-type: none"> Scores projects based on project categories within the NC Airports System Plan, developed by the NCDOT Division of Aviation (DOA). Points are assigned based on priority and need of the project. <p>Non-State Contribution Index = 20%</p> <ul style="list-style-type: none"> Measurement of the project's federal, local, or private funding contributions compared to the requested state funds. <p>Benefit/Cost = 15%</p> <ul style="list-style-type: none"> Measurement of the project's total economic contribution compared to the cost of the project to NCDOT. <p>FAA ACIP Rating = 5%</p> <ul style="list-style-type: none"> Scores projects based on ratings within the Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP). Ratings are based on critical airport development and capital needs for the National Airspace System (NAS). <p>Total = 70%</p>	15%	15%
Division Needs	<p>NCDOA Project Rating = 25%</p> <ul style="list-style-type: none"> Scores projects based on project categories within the NC Airports System Plan, developed by the NCDOT Division of Aviation (DOA). Points are assigned based on priority and need of the project. <p>Benefit/Cost = 10%</p> <ul style="list-style-type: none"> Measurement of the project's total economic contribution compared to the cost of the project to NCDOT. <p>FAA ACIP Rating = 10%</p> <ul style="list-style-type: none"> Scores projects based on ratings within the Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP). Ratings are based on critical airport development and capital needs for the National Airspace System (NAS). <p>Non-State Contribution Index = 5%</p> <ul style="list-style-type: none"> Measurement of the project's federal, local, or private funding contributions compared to the requested state funds. <p>Total = 50%</p>	25%	25%

Bicycle & Pedestrian Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Division Needs	<p>Safety = 15%</p> <ul style="list-style-type: none"> Measurement of the number of bicycle and pedestrian crashes, speed limit of the roadway, severity of the crashes, and safety benefit the project is expected to provide. <p>Access = 10%</p> <ul style="list-style-type: none"> Measurement of the quantity and significance of destinations near the project as well as the distance to the primary destination. <p>Demand/Density = 10%</p> <ul style="list-style-type: none"> Measurement of the population and employment density within a walkable or bikeable distance of the project. <p>Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of the degree of separation between the project and the roadway, connectivity to a similar or better project type, and whether the project includes or connects to a national, state, or regional bicycle route. <p>Cost Effectiveness = 5%</p> <ul style="list-style-type: none"> Measurement of total Safety, Access, Demand/Density, and Connectivity criteria scores compared to the cost of the project to NCDOT. <p>Total = 50%</p>	25%	25%

Ferry Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Capacity/Congestion = 20%</p> <ul style="list-style-type: none"> Measurement of the number of vehicles left behind at each departure compared to the total number of vehicles loaded and carried by the route. <p>Asset Condition = 15%</p> <ul style="list-style-type: none"> Measurement of the asset condition rating by the NCDOT Ferry Division. <p>Asset Efficiency = 15%</p> <ul style="list-style-type: none"> Measurement of the cost effectiveness of continued maintenance of the asset compared to replacement of the asset. <p>Benefits = 10%</p> <ul style="list-style-type: none"> Measurement of the monetized value of the number of hours saved by utilizing the ferry route instead of taking the shortest alternative roadway route. <p>Accessibility/Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of the number of jobs, services, and other points of interest near the project. <p>Total = 70%</p>	15%	15%
Division Needs	<p>Asset Condition = 15%</p> <ul style="list-style-type: none"> Measurement of the asset condition rating by the NCDOT Ferry Division. <p>Asset Efficiency = 15%</p> <ul style="list-style-type: none"> Measurement of the cost effectiveness of continued maintenance of the asset compared to replacement of the asset. <p>Benefits = 10%</p> <ul style="list-style-type: none"> Measurement of the monetized value of the number of hours saved by utilizing the ferry route instead of taking the shortest alternative roadway route. <p>Accessibility/Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of the number of jobs, services, and other points of interest near the project. <p>Total = 50%</p>	25%	25%

Public Transportation Scoring (Mobility / Route-Specific)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	Cost Effectiveness = 25% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). Demand/Density = 20% <ul style="list-style-type: none"> Measurement of the total trips along the project route in 10 years compared to the service area population for the project route. Impact = 15% <ul style="list-style-type: none"> Measurement of the trips generated and relieved by the project in 10 years. Efficiency = 10% <ul style="list-style-type: none"> Measurement of the total trips along the project route in 10 years compared to the total revenue seat hours of the project route in 10 years. Total = 70%	15%	15%
Division Needs	Cost Effectiveness = 20% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). Impact = 10% <ul style="list-style-type: none"> Measurement of the trips generated and relieved by the project in 10 years. Demand/Density = 10% <ul style="list-style-type: none"> Measurement of the total trips along the project route in 10 years compared to the service area population for the project route. Efficiency = 10% <ul style="list-style-type: none"> Measurement of the total trips along the project route in 10 years compared to the total revenue seat hours of the project route in 10 years. Total = 50%	25%	25%

Public Transportation Scoring (Demand-Response)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	Cost Effectiveness = 25% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). Demand/Density = 20% <ul style="list-style-type: none"> Measurement of the total operating hours of the system in 10 years compared to the service area population for the system. Efficiency = 15% <ul style="list-style-type: none"> Measurement of the number of vehicles in maximum service by the system compared to the total number of vehicles in the fleet (utilization ratio). Impact = 10% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years. Total = 70%	15%	15%
Division Needs	Cost Effectiveness = 15% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). Demand/Density = 15% <ul style="list-style-type: none"> Measurement of the total operating hours of the system in 10 years compared to the service area population for the system. Efficiency = 10% <ul style="list-style-type: none"> Measurement of the number of vehicles in maximum service by the system compared to the total number of vehicles in the fleet (utilization ratio). Impact = 10% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years. Total = 50%	25%	25%

Public Transportation Scoring (Facility)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Cost Effectiveness = 25%</p> <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). <p>Impact = 20%</p> <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years. <p>Efficiency = 15%</p> <ul style="list-style-type: none"> Measurement of the total trips at the facility with the project in place (passenger facilities), the square footage per employee (administrative facilities), or the number of vehicles per bay (maintenance facilities). <p>Demand/Density = 10%</p> <ul style="list-style-type: none"> Growth trend of ridership for the system over the previous 5 years. <p>Total = 70%</p>	15%	15%
Division Needs	<p>Cost Effectiveness = 15%</p> <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). <p>Impact = 15%</p> <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years. <p>Efficiency = 10%</p> <ul style="list-style-type: none"> Measurement of the total trips at the facility with the project in place (passenger facilities), the square footage per employee (administrative facilities), or the number of vehicles per bay (maintenance facilities). <p>Demand/Density = 10%</p> <ul style="list-style-type: none"> Growth trend of ridership for the system over the previous 5 years. <p>Total = 50%</p>	25%	25%

Rail Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility (Class I Freight Only)	<p>Benefit-Cost = 35%</p> <ul style="list-style-type: none"> Measurement of monetized benefits compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. <p>Safety = 30%</p> <ul style="list-style-type: none"> Measurement of crash potential at highway/rail crossings, based on the NCDOT Rail Division's Investigative Index. <p>System Opportunities = 15%</p> <ul style="list-style-type: none"> Measurement of the project's degree of access to industrial/commercial development or nearby points of interest, and the degree of interaction between Rail and other modes. <p>Capacity and Diversion = 10%</p> <ul style="list-style-type: none"> Measurement of train volume compared to track capacity and the amount of freight and/or passenger volumes diverted off highways by the project. <p>Economic Competitiveness = 10%</p> <ul style="list-style-type: none"> Measurement of the estimated number of full time jobs created in 20 years. <p>Total = 100%</p>	--	--
Regional Impact	<p>Benefit-Cost = 25%</p> <ul style="list-style-type: none"> Measurement of monetized benefits compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. <p>Safety = 15%</p> <ul style="list-style-type: none"> Measurement of crash potential at highway/rail crossings, based on the NCDOT Rail Division's Investigative Index. <p>System Opportunities = 10%</p> <ul style="list-style-type: none"> Measurement of the project's degree of access to industrial/commercial development or nearby points of interest, and the degree of interaction between Rail and other modes. <p>Capacity and Diversion = 10%</p> <ul style="list-style-type: none"> Measurement of train volume compared to track capacity and the amount of freight and/or passenger volumes diverted off highways by the project. <p>Economic Competitiveness = 10%</p> <ul style="list-style-type: none"> Measurement of the estimated number of full time jobs created in 20 years. <p>Total = 70%</p>	15%	15%
Division Needs	<p>System Opportunities = 15%</p> <ul style="list-style-type: none"> Measurement of the project's degree of access to industrial/commercial development or nearby points of interest, and the degree of interaction between Rail and other modes. <p>Benefit-Cost = 10%</p> <ul style="list-style-type: none"> Measurement of monetized benefits compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of crash potential at highway/rail crossings, based on the NCDOT Rail Division's Investigative Index. <p>Capacity and Diversion = 10%</p> <ul style="list-style-type: none"> Measurement of train volume compared to track capacity and the amount of freight and/or passenger volumes diverted off highways by the project. <p>Economic Competitiveness = 5%</p> <ul style="list-style-type: none"> Measurement of the estimated number of full time jobs created in 20 years. <p>Total = 50%</p>	25%	25%

Note: Passenger Rail only eligible for Regional Impact and Division Needs.

Normalization in P5.0

- Statewide Mobility (only) – No normalization, scores are stand-alone for comparison (Highway, Aviation, Freight Rail).
- Regional Impact & Division Needs – Allocate funds to Highway and Non-Highway modes based on minimum floor or %s.

Mode	Regional Impact	Division Needs
Highway	90% (minimum) (Region competition)	90% (minimum) (Division competition)
Non-Highway	4% (minimum) (Statewide competition)	4% (minimum) (2% Statewide competition, 2% Division competition)
Flex (All Modes)	6% (Region competition)	6% (Division competition)

Committed Projects – Not subject to re-evaluation in P5.0

Right-of-Way OR Construction date in 2018-2022 based on Final STIP (first 5 years of STIP)

Carryover Projects – Automatically carry over from P4.0 for evaluation in P5.0

- Programmed in the Final 2018-2027 STIP, but not considered a Committed Project
- Sibling of a programmed project
- Project has a NEPA document completed within the last 10 years or the NEPA document is actively being worked on

of Project Submittals for Each Mode

MPOs and RPOs

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

Divisions

- 14 submittals each

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

of Local Input Points for Regional Impact and Division Needs Categories

- # of Points per Area = Base of 1,000 points + 100 additional points for every 50,000 in population
- Maximum 2,500 points per area
- Same allocation of points for Regional Impact and Division Needs categories
- 100 point max per project per category

Cash Flow Projection

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

Summary

Line Item*	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	07/17 - 09/17	10/17 - 12/17	01/18 - 03/18	04/18 - 06/18	07/18 - 09/18	10/18 - 12/18	01/19 - 03/19	04/19 - 06/19	
Administration									
Salaries	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 642,954	\$ 642,954	\$ 642,954	\$ 642,954	\$ 5,068,724
Operating	\$ 86,905	\$ 86,905	\$ 86,905	\$ 86,905	\$ 88,131	\$ 88,131	\$ 88,131	\$ 88,131	\$ 700,144
Dynamics CRM Database	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 340,000
SPO and legal	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,740	\$ 37,740	\$ 37,740	\$ 37,740	\$ 298,960
Restoration	\$ 7,659,749	\$ 7,757,372	\$ 13,519,696	\$ 6,177,566	\$ 8,065,205	\$ 13,046,868	\$ 8,539,477	\$ 6,177,539	\$ 70,943,473
Stewardship	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 900,000
Planning Framework	\$ 63,750	\$ 63,750	\$ 127,500	\$ 127,500	\$ 148,750	\$ 124,535	\$ 68,000	\$ 63,750	\$ 787,535
Total (by Quarter)	\$ 8,656,631	\$ 8,754,254	\$ 14,580,328	\$ 7,238,198	\$ 9,107,780	\$ 14,065,228	\$ 9,501,302	\$ 7,135,114	\$ 79,038,836

Total (Annual)

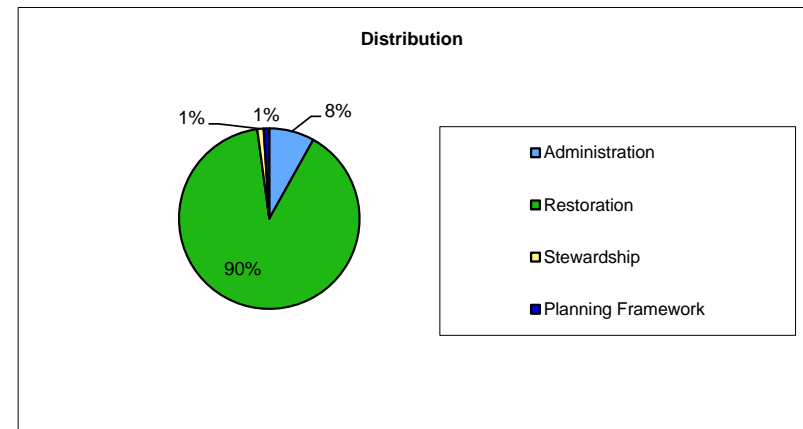
\$ 39,229,412

\$ 39,809,424 \$ 79,038,836

* See individual linetabs for details

Summary

Administration	\$ 6,407,828
Restoration	\$ 70,943,473
Stewardship	\$ 900,000
Planning Framework	\$ 787,535
Biennial Total	\$ 79,038,836



Note: Biennial budget reflects operating requirements of Code of Federal Regulations as agreed with the USACE, Wilmington District

Salary and Operating Expenses

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

	SFY 2017 / 18				SFY 2018 / 19				
Salary & Operations	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Salaries	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 642,954	\$ 642,954	\$ 642,954	\$ 642,954	\$ 5,068,724
Operations	\$ 86,905	\$ 86,905	\$ 86,905	\$ 86,905	\$ 88,131	\$ 88,131	\$ 88,131	\$ 88,131	\$ 700,144
Dynamics CRM Database (85%)	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 340,000
Salary & Operations Total	\$ 796,132	\$ 796,132	\$ 796,132	\$ 796,132	\$ 731,085	\$ 731,085	\$ 731,085	\$ 731,085	\$ 6,108,868

	SFY 2017 / 18				SFY 2018 / 19				
Supporting Positions	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
State Property Office*	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,440	\$ 22,440	\$ 22,440	\$ 22,440	\$ 177,760
Legal**	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,300	\$ 15,300	\$ 15,300	\$ 15,300	\$ 121,200
Supporting Positions Total	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,740	\$ 37,740	\$ 37,740	\$ 37,740	\$ 298,960

*SPO funding for 85% of one position.

**85% of DMS's share (1/2) for DEQ legal position

Salary and Operating Expenses - Total	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 833,132	\$ 833,132	\$ 833,132	\$ 833,132	\$ 768,825	\$ 768,825	\$ 768,825	\$ 768,825	
									\$ 6,407,828

Restoration Summary

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design-Bid-Build	\$ 76,675	\$ 108,268	\$ 232,366	\$ 833,890	\$ 356,510	\$ 370,281	\$ 188,136	\$ -	\$ 2,166,126
Design-Build	\$ -	\$ 622,165	\$ 1,866,494	\$ 311,082	\$ -	\$ -	\$ 124,433	\$ -	\$ 2,924,174
Full Delivery	\$ 5,767,597	\$ 5,151,226	\$ 11,338,220	\$ 4,926,513	\$ 7,607,395	\$ 11,459,217	\$ 8,170,351	\$ 5,095,360	\$ 59,515,880
Monitoring/Maintenance	\$ 115,477	\$ 225,713	\$ 82,616	\$ 106,081	\$ 55,800	\$ 312,370	\$ 56,557	\$ 82,179	\$ 1,036,793
Actual cost adjustment for in-lieu payments ¹	\$ 1,700,000	\$ 1,650,000	\$ -	\$ -	\$ 45,500	\$ 905,000	\$ -	\$ 1,000,000	\$ 5,300,500
Restoration Summary Total	\$ 7,659,749	\$ 7,757,372	\$ 13,519,696	\$ 6,177,566	\$ 8,065,205	\$ 13,046,868	\$ 8,539,477	\$ 6,177,539	\$ 70,943,473

Note: Currently, there are 23 active design-bid-build contracts, 1 active Design-Build contracts and 55 active full delivery contracts.

¹ These numbers are placeholder estimates to be approved on an individual project basis with the DOT Inspector General's Office. Such costs are associated with NCDOT payments into the Wetlands Restoration Program (WRP) for mitigation associated with multiple TIPs that were constructed between 1999 and 2008. Significant mitigation amounts were accepted by the WRP and paid by the NCDOT before sufficient data was available related to the actual cost of mitigation and agreements were put in place for cost recovery that would not exceed the actual cost of producing the mitigation. Procedures for reconciling such costs are documented through the Inspector General's Office.

The term **restoration** is used to describe stream and wetland restoration activities, monitoring, maintenance, land, and special studies. Contained under this heading are 79 active contracts that are in design, construction or monitoring in our state's 17 river basins.

Design-Bid-Build Contracts

Current Contracts					SFY 2017 / 18				SFY 2018 / 19				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Consultant										
Contract #D14001i	Mud Lick Crk - Thomas	8	Chatham	Wildlands Engineering, Inc.	\$ 10,380	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,380	1
Contract #006741	Millstone Creek	8	Randolph	NCSU	\$ 4,000	\$ 9,528	\$ 20,754	\$ 20,754	\$ -	\$ 26,281	\$ 28,136	\$ -	\$ 109,453	2
Contract #D13022S	Little Pine II	11	Alleghany	Confluence Engineering	\$ 33,360	\$ 8,340	\$ 8,340	\$ 20,850	\$ 20,850	\$ 8,340	\$ -	\$ -	\$ 100,080	3
Contract #D16015i	UT West Branch Rocky Riv	10	Mecklenburg	KCI Associates of NC	\$ 24,135	\$ 40,400	\$ 29,272	\$ 32,286	\$ 25,660	\$ 25,660	\$ -	\$ -	\$ 177,413	4
Subtotal Design-Bid-Build - Current Contracts					\$ 71,875	\$ 58,268	\$ 58,366	\$ 73,890	\$ 46,510	\$ 60,281	\$ 28,136	\$ -	\$ 397,326	

Design-Bid-Build - New Contracts to be awarded SFY 2017/18 / SFY 2018/19					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction					\$ -	\$ 50,000	\$ 145,000	\$ 760,000	\$ 310,000	\$ 310,000	\$ 160,000	\$ -	\$ 1,735,000
Acquisition ¹					\$ 4,800	\$ -	\$ 29,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,800
Subtotal Design-Bid-Build - New Contracts					\$ 4,800	\$ 50,000	\$ 174,000	\$ 760,000	\$ 310,000	\$ 310,000	\$ 160,000	\$ -	\$ 1,768,800

Design-Bid-Build Total					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$ 76,675.00	\$ 108,268	\$ 232,366	\$ 833,890	\$ 356,510	\$ 370,281	\$ 188,136	\$ -	\$ 2,166,126

Design-Build

Design-Build - Payments for New Contracts					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Contract Number	Site Name	Division	County	Provider									
Contract #006256	Big Harris	12	Cleveland	Wildlands Engineering, Inc.	\$ -	\$ 622,165	\$ 1,866,494	\$ 311,082	\$ -	\$ -	\$ 124,433	\$ -	\$ 2,924,174
Total Design-Build Current Contracts					\$ -	\$ 622,165	\$ 1,866,494	\$ 311,082	\$ -	\$ -	\$ 124,433	\$ -	\$ 2,924,174

Full Delivery Contracts

Full Delivery - Current Contracts					SFY 2017 / 18				SFY 2018 / 19				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #003981	Muddy Run Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 91,817	\$ -	\$ -	\$ -	\$ 183,635	\$ -	\$ -	\$ 275,452	6
Contract #003989	Devil's Racetrack	4	Johnston	Wildlands Engineering, Inc.	\$ -	\$ 420,966	\$ -	\$ -	\$ -	\$ 420,966	\$ -	\$ -	\$ 841,932	7
Contract #005012	Bowl Basin	3	Onslow	KCI Associates of NC	\$ -	\$ 26,460	\$ -	\$ -	\$ -	\$ 26,460	\$ -	\$ -	\$ 52,920	8
Contract #005010	Norman's Pasture	3	Sampson	KCI Associates of NC	\$ -	\$ 65,130	\$ -	\$ -	\$ -	\$ 65,130	\$ -	\$ -	\$ 130,260	9
Contract #005787	Norman's Pasture II	3	Sampson	KCI Technologies	\$ -	\$ 10,558	\$ -	\$ -	\$ -	\$ 10,558	\$ -	\$ -	\$ 21,116	10
Contract #005011	Cedar Creek	3	Sampson	Environmental Banc & Exchange, LLC	\$ -	\$ 95,500	\$ -	\$ -	\$ -	\$ 95,500	\$ -	\$ -	\$ 191,000	11
Contract #005000	UT to Millers Creek	3	Duplin	Florence and Hutcheson, Inc	\$ -	\$ 50,681	\$ -	\$ -	\$ -	\$ 50,681	\$ -	\$ -	\$ 101,362	12
Contract #004631	Best Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 134,904	\$ -	\$ -	\$ -	\$ 134,904	\$ -	\$ -	\$ 269,808	13
Contract #004632	Muddy Run II Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 127,700	\$ -	\$ -	\$ -	\$ 127,700	\$ -	\$ -	\$ 255,400	14
Contract #004954	Foust Creek	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 89,817	\$ -	\$ -	\$ -	\$ 89,817	\$ -	\$ -	\$ 179,634	15
Contract #004949	Agony Acres	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 113,521	\$ -	\$ -	\$ -	\$ 113,521	\$ -	\$ -	\$ 227,042	16
Contract #004951	UT to Cane Creek	7	Alamance	Michael Baker Engineering, Inc	\$ -	\$ 66,930	\$ -	\$ -	\$ -	\$ 66,930	\$ -	\$ -	\$ 133,860	17
Contract # 005151	Stanleys II	1	Northampton	KCI Associates of NC	\$ -	\$ 21,125	\$ -	\$ -	\$ -	\$ 21,125	\$ -	\$ -	\$ 42,250	18
Contract #004635	Stanleys Slough	1	Northampton	KCI Associates of NC	\$ -	\$ 78,377	\$ -	\$ -	\$ -	\$ 78,377	\$ -	\$ -	\$ 156,754	19
Contract #004628	Hofler Property	1	Gates	Albemarle Restorations, LLC	\$ -	\$ 30,800	\$ -	\$ -	\$ -	\$ 30,800	\$ -	\$ -	\$ 61,600	20
Contract #005790	Abbey Lamm	7	Alamance	Restoration Systems, LLC	\$ -	\$ 38,824	\$ -	\$ -	\$ -	\$ 38,824	\$ -	\$ -	\$ 77,648	21
Contract #005791	Aycock Springs	7	Alamance	Restoration Systems, LLC	\$ -	\$ 26,629	\$ -	\$ -	\$ -	\$ 26,629	\$ -	\$ -	\$ 53,258	22
Contract #005792	Browns Summit Creek	7	Guilford	Michael Baker Engineering, Inc	\$ -	\$ 99,875	\$ -	\$ -	\$ -	\$ 39,950	\$ -	\$ -	\$ 139,825	23
Contract #005793	Maney Farm	8	Chatham	Wildlands Engineering, Inc.	\$ -	\$ 35,040	\$ -	\$ -	\$ -	\$ 35,040	\$ -	\$ -	\$ 70,080	24
Contract #005794	Candy Creek	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 276,662	\$ -	\$ -	\$ -	\$ 110,665	\$ -	\$ -	\$ 387,327	25
Contract #005795	Holman Mill	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 28,297	\$ -	\$ -	\$ -	\$ 28,297	\$ -	\$ -	\$ 56,594	26
Contract #006746	Tar River Headwater Wetlands	5	Person	Mogensen Mitigation, Inc.	\$ -	\$ 15,250	\$ -	\$ -		\$ 6,100	\$ -	\$ -	\$ 21,350	27
Contract #006824	Pen Dell	4	Johnston	Water & Land Solutions	\$ 174,583	\$ 116,389	\$ 116,389	\$ -	\$ -	\$ 58,194	\$ -	\$ -	\$ 465,555	28
Contract #006825	Edwards-Johnson	4	Johnston	Water & Land Solutions	\$ 175,925	\$ 117,284	\$ 117,284	\$ -	\$ -	\$ 58,642	\$ -	\$ -	\$ 469,134	29
Contract #006826	Lake Wendell	4	Johnston	Water & Land Solutions	\$ 197,281	\$ 131,521	\$ 131,521	\$ -	\$ -	\$ 65,760	\$ -	\$ -	\$ 526,084	30
Contract #006827	Dry Creek	5	Durham	Wildlands Engineering, Inc.	\$ 149,400	\$ 448,201	\$ 597,602	\$ -	\$ 448,201	\$ 298,801	\$ 298,801	\$ -	\$ 2,241,006	31
Contract #006828	Lochill Farm	7	Orange	Michael Baker Engineering, Inc.	\$ 199,260	\$ 132,840	\$ 132,840	\$ -	\$ -	\$ 66,420	\$ -	\$ -	\$ 531,360	32
Contract #006829	Buckwater	7	Orange	Wildlands Engineering, Inc.	\$ 866,737	\$ -	\$ -	\$ -	\$ 433,368	\$ 216,684	\$ 216,684	\$ -	\$ 1,733,473	33

Full Delivery Contracts (page 2)

Full Delivery - Current Contracts (continued)					SFY 2017 / 18				SFY 2018 / 19				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #006830	Stony Fork	4	Johnston	KCI Associates of NC	\$ 391,332	\$ 260,888	\$ 130,444	\$ -	\$ -	\$ 130,444	\$ -	\$ -	\$ 913,108	34
Contract #006832	Alliance Headwaters Option A	4	Johnston	Restoration Systems, LLC	\$ 519,246	\$ 389,435	\$ 649,058	\$ 259,623	\$ -	\$ 129,812	\$ -	\$ -	\$ 1,947,174	35
Contract #006897	Lone Hickory	11	Yadkin	Wildlands Engineering, Inc.	\$ -	\$ 837,541	\$ 628,156	\$ -	\$ -	\$ 628,156	\$ 418,771	\$ 209,385	\$ 2,722,009	36
Contract #006898	Mill Dam Creek	11	Yadkin	KCI Associates of NC	\$ 514,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 514,800	\$ 686,400	\$ 1,716,000	37
Contract #007006	Harrell Site	14	Jackson	EW Solutions, LLC	\$ 42,367	\$ 169,469	\$ 127,101	\$ -	\$ 127,101	\$ 84,734	\$ 84,734	\$ -	\$ 635,506	38
Contract #006997	Fletcher Site	14	Henderson	EW Solutions, LLC	\$ 798,300	\$ -	\$ 598,725	\$ -	\$ 598,725	\$ 399,150	\$ -	\$ 199,575	\$ 2,594,475	39
Contract #D06046-A	Logan Creek	14	Jackson	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 47,403	\$ -	\$ -	\$ -	\$ 47,403	\$ -	\$ 94,805	40
Contract #D06125-B	Elk Branch	13	Mitchell	Michael Baker Engineering, Inc	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	41
Contract #002024	North Fork Mountain Creek	12	Catawba	Resource Environmental Solutions, LLC	\$ -	\$ -	\$ 55,953	\$ -	\$ -	\$ -	\$ 55,953	\$ -	\$ 111,905	42
Contract #003983	Jacobs Ladder	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 69,584	\$ -	\$ -	\$ -	\$ 139,167	\$ -	\$ 208,751	43
Contract #003984	Jacobs Landing	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 63,849	\$ -	\$ -	\$ -	\$ 127,699	\$ -	\$ 191,548	44
Contract #003991	601 North II	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 112,143	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 112,143	45
Contract #003990	Town Creek	10	Stanly	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 49,840	\$ -	\$ -	\$ -	\$ 49,840	\$ -	\$ 99,680	46
Contract #003277	UT to Town Creek	10	Stanly	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 192,090	\$ -	\$ -	\$ -	\$ 192,090	\$ -	\$ 384,180	47
Contract #004644	Pee Dee Stream	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 107,100	\$ -	\$ -	\$ -	\$ 107,100	\$ -	\$ 214,200	48
Contract #004641	Brown Creek Tributaries	10	Anson	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 140,100	\$ -	\$ -	\$ -	\$ 140,100	\$ -	\$ 280,200	49
Contract #004642	Hopewell	8	Randolph	Wildlands Engineering, Inc.	\$ -	\$ 120,810	\$ -	\$ -	\$ -	\$ 120,810	\$ -	\$ -	\$ 241,620	50
Contract #002029	Little Buffalo Creek	10	Cabarrus	Louis Berger	\$ -	\$ -	\$ 92,550	\$ -	\$ -	\$ -	\$ 92,550	\$ -	\$ 185,100	51
Contract #003979	Junes Branch	14	Jackson	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 59,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,850	52
Contract #004672	Poplin Ridge Site	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 105,341	\$ -	\$ -	\$ -	\$ 105,341	\$ -	\$ 210,682	53
Contract #004673	Norkett Branch	10	Union	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 165,102	\$ -	\$ -	\$ -	\$ 165,102	\$ -	\$ 330,205	54
Contract #004925	601 East	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 64,904	\$ -	\$ -	\$ -	\$ 64,904	\$ -	\$ 129,809	55
Contract #005999	Vile Creek	11	Alleghany	Wildlands Engineering, Inc.	\$ 168,450	\$ 168,450	\$ 84,225	\$ -	\$ -	\$ -	\$ 33,690	\$ -	\$ 454,815	56
Contract #005782	Henry Fork (Only Stream is 2984)	12	Catawba	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 32,488	\$ -	\$ -	\$ -	\$ 32,488	\$ -	\$ 64,976	57
Contract #005786	Roses Creek	13	Burke	ICA Engineering, Inc.	\$ -	\$ -	\$ 39,990	\$ -	\$ -	\$ -	\$ 39,990	\$ -	\$ 79,980	58
Contract #006402	John Deere	13	Rutherford	Resource Environmental Solutions, LLC	\$ 369,915	\$ 158,535	\$ 105,690	\$ 105,690	\$ -	\$ -	\$ 52,845	\$ -	\$ 792,675	59
Contract #006598	Cedar Branch	8	Randolph	KCI Associates of NC	\$ -	\$ -	\$ 270,900	\$ 361,200	\$ -	\$ -	\$ 90,300	\$ -	\$ 722,400	60
Subtotal Full Delivery - Current Contracts					\$ 4,567,597	\$ 5,006,226	\$ 5,088,220	\$ 726,513	\$ 1,607,395	\$ 4,059,217	\$ 3,070,351	\$ 1,095,360	\$ 25,220,880	

Full Delivery Contracts (page 3)

Full Delivery - Payments for New Contracts to be Awarded -- SFY 2017 / 18 / SFY 2018 / 19 (Includes Bank Credit Purchases)	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Subtotal Full Delivery - Payments for New Contracts	\$ 1,200,000	\$ 145,000	\$ 6,250,000	\$ 4,200,000	\$ 6,000,000	\$ 7,400,000	\$ 5,100,000	\$ 4,000,000	\$ 34,295,000

Full Delivery Total	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 5,767,597	\$ 5,151,226	\$ 11,338,220	\$ 4,926,513	\$ 7,607,395	\$ 11,459,217	\$ 8,170,351	\$ 5,095,360	\$ 59,515,880

Monitoring / Maintenance, Repair and Equipment Contracts

Monitoring

					SFY 2017 / 18				SFY 2018 / 19				Total
Monitoring - Current Contracts					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Contract Number	Site Name	Division	County	Consultant									
Contract #005765	Stallings (G)	2	Jones	Robert J. Goldstein & Associates	\$ -	\$ 2,785	\$ -	\$ -	\$ -	\$ 2,785	\$ -	\$ 2,785	\$ 8,355
Contract #004801	Greenbrier Creek	7	Chatham	Axiom Environmental, Inc.	\$ -	\$ -	\$ 6,296	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,296
Contract #004682	Sandy Creek (Charles Williams)	8	Randolph	Sungate Design Group, PA		\$ -	\$ 1,680	\$ -	\$ -	\$ 18,066	\$ -	\$ 12,044	\$ 31,790
Contract #005367	Meredell Farm Site	8	Randolph	SEPI Engineering & Construction, Inc.	\$ 1,080	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,080
Contract #005715	Bear Creek (Phillips Tract)	8	Chatham	Axiom Environmental, Inc.	\$ -	\$ 5,545	\$ -	\$ 2,772	\$ -	\$ 5,545	\$ 2,272	\$ 2,272	\$ 18,406
Contact#006604	Heath Dairy	8	Randolph	Mogensen Mitigation, Inc.	\$ 3,250	\$ 9,750	\$ -	\$ 3,250	\$ -	\$ 9,750	\$ -	\$ 3,250	\$ 29,250
Contract #D16025i	Bowman Site	8	Randolph	Carolina Silvics	\$ -	\$ 1,397	\$ -	\$ -	\$ -	\$ 699	\$ -	\$ -	\$ 2,096
Contract #004804	UT to Hauser Creek	9	Davie	Axiom Environmental, Inc.	\$ 3,061	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,061
Contract #006617	Crooked Creek II	10	Union	Wildlands Engineering, Inc.	\$ 8,113	\$ 14,135	\$ -	\$ -	\$ 8,113	\$ 14,135	\$ -	\$ 8,113	\$ 52,609
Contract #006844	Little Pine III	11	Alleghany	Wildlands Engineering, Inc.	\$ -	\$ 14,500	\$ -	\$ 7,250	\$ -	\$ 14,500	\$ -	\$ 7,250	\$ 43,500
Contract #006843	Glade Creek II	11	Alleghany	Wildlands Engineering, Inc.		\$ 11,700	\$ -	\$ 5,850	\$ -	\$ 11,700	\$ -	\$ 5,850	\$ 35,100
Contract #004538	Newfound Creek	13	Buncombe	URS	\$ 4,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,760
Contract #006496	Hogan Creek	11	Surry	Wildlands Engineering, Inc.	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ 33,600
Contract #005764	Suther	10	Cabarrus	Robert J. Goldstein & Associates	\$ 2,112	\$ -	\$ -	\$ 6,338	\$ -	\$ -	\$ 7,770	\$ -	\$ 16,220
Contract #005717	UT Martin Creek/Martin II	14	Cherokee	Axiom Environmental, Inc.	\$ -	\$ 15,477	\$ -	\$ 8,027	\$ -	\$ 15,477	\$ -	\$ -	\$ 38,981
Contract #004391	McKee	10	Cabarrus	Withers and Ravenel	\$ -	\$ 4,971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,971
Contract #006036	Five Mile Branch	12	Iredell	Arcadis	\$ 3,748	\$ -	\$ 11,244	\$ 3,748	\$ -	\$ 3,748	\$ -	\$ -	\$ 22,488
Contract #004803	Mill Creek (Formerly Uwharrie Heritage)	8	Randolph	Axiom Environmental, Inc.	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000
Contract #004661	Big Harris	12	Cleveland	Western Carolina Univ.	\$ 6,053	\$ 6,053	\$ 4,096	\$ 4,096	\$ 5,537	\$ 6,515	\$ 6,515	\$ 6,515	\$ 45,380
Subtotal Monitoring - Current Contracts					\$ 38,177	\$ 97,513	\$ 23,316	\$ 46,931	\$ 13,650	\$ 114,120	\$ 16,557	\$ 53,679	\$ 403,943

					SFY 2017 / 18				SFY 2018 / 19				Total
Monitoring - New Contracts to be awarded SFY 2017 / 18 / SFY 2018 / 19					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Monitoring ²	Statewide	Multiple	Statewide	Undetermined	\$ 7,000	\$ -	\$ -	\$ 1,400	\$ 3,900	\$ 6,000	\$ 40,000	\$ 28,500	\$ 86,800
													\$ -
Subtotal Monitoring- New Contracts					\$ 7,000	\$ -	\$ -	\$ 1,400	\$ 3,900	\$ 6,000	\$ 40,000	\$ 28,500	\$ 86,800

					SFY 2017 / 18				SFY 2018 / 19				Total
Monitoring - Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
2017 - 2018 DMS Biennial Budget						8 of 15							4/1/2017
					\$ 45,177	\$ 97,513	\$ 23,316	\$ 48,331	\$ 17,550	\$ 120,120	\$ 56,557	\$ 82,179	\$ 490,743

Monitoring / Maintenance, Repair and Equipment Contracts (page 2)

Maintenance, Repair and Equipment

Maintenance, Repair and Equipment - Current Contracts					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Contract Number	Site Name	Division	County	Consultant									
Contract #D14004i	Veg Install & Management	Multiple	Statewide	Keller Environmental	\$ 2,250	\$ 2,250	\$ -	\$ -	\$ 2,250	\$ 2,250	\$ -	\$ -	\$ 9,000
Contract #D16005i	InvasiveManagement	Multiple	Statewide	Carolina Silvics	\$ 7,750	\$ 12,450	\$ 9,300	\$ 7,750	\$ -	\$ -	\$ -	\$ -	\$ 37,250
Contract #D16002i	Veg Install & Management	Multiple	Statewide	Bruton Natural Systems	\$ 5,300	\$ 13,500	\$ -	\$ -	\$ 11,000	\$ -	\$ -	\$ -	\$ 29,800
Maintenance, Repair and Equipment - Current Contracts Subtotal					\$ 15,300	\$ 28,200	\$ 9,300	\$ 7,750	\$ 13,250	\$ 2,250	\$ -	\$ -	\$ 76,050

80
81
82

Maintenance, Repair and Equipment - New Contracts to be awarded					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Maintenance and repair ³	Multiple	Multiple	various	tbd	\$ 30,000	\$ 40,000	\$ 25,000	\$ 25,000	\$ -	\$ 130,000	\$ -	\$ -	\$ 250,000
Gauges and Equipment ⁴	Multiple	Multiple	various	tbd	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 70,000
Functional Uplift ⁵	Multiple	Multiple	various	tbd	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ 150,000
Maintenance, Repair and Equipment - New Contracts Subtotal					\$ 55,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 25,000	\$ 190,000	\$ -	\$ -	\$ 470,000

Maintenance, Repair and Equipment - Total					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$ 70,300	\$ 128,200	\$ 59,300	\$ 57,750	\$ 38,250	\$ 192,250	\$ -	\$ -	\$ 546,050

Monitoring / Maintenance, Repair and Equipment - Total					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$ 115,477	\$ 225,713	\$ 82,616	\$ 106,081	\$ 55,800	\$ 312,370	\$ 56,557	\$ 82,179	\$ 1,036,793

¹Includes any new or remaining acquisitions requiring DB / DBB implementation.

²New Monitoring is based on projects currently in design or construction.

³Based on current maintenance cost data

⁴Equipment costs based on maintenance required for existing gauges

⁵Monitoring water quality and biological parameters pre- and post-construction. Determination of thresholds of change.

Summary of Stewardship Costs

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Stewardship	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 900,000

NOTES:

The budget is based on the number of projects currently in DEQ Stewardship, the number of projects that are expected to be closed out and transferred to DEQ Stewardship in SFY 2017 / 18 and SFY 2018 / 19, and the Standard Operation Procedures agreed to by NCDEQ and NCDOT. Includes Stewardship Manager salary (85%), administration, legal and project monitoring cost.

No stewardship endowment funds are included in this biennial budget. The budget includes funds for annual stewardship activities performed by the DEQ Stewardship Program according to the contract with NCDOT. According to other terms of that contract, DEQ will be developing endowment estimates for mitigation sites during the coming fiscal year. NCDOT and DEQ will evaluate those endowment estimates and may alter the SFY 2017 / 18 budget to pay endowments for some mitigation sites.

No funds are included for stewardship of NCDOT-acquired mitigation sites.

Projects Transferred to Stewardship

Project ID	Project Name	County
92546	601 North Property	Union
92545	601 West Property	Union
7	Adkins Branch (Phase II) (G)	Lenoir
92139	Allen Tract	Franklin
92526	Anderson Swamp	Edgecombe
92666	Badin Inn	Stanly
92106	Barnes Creek Grissom	Montgomery
23	Barra Farms I	Cumberland
92164	Beaver Dam-Drowning Creek II (Rankin Tract)	Moore
92217	Beaverdam Creek	Mecklenburg
92586	Beaverdam Creek and Trib (Parker Site)	Union
92132	Big & Little Rock Creek Bruchon	Mitchell
92532	Big Cedar Creek	Stanly
92101	Big Pond Bay Gardner	Cumberland
92162	Bishop Tract-Canal Branch	Anson
92516	Blockhouse Creek	Polk
92207	Brown Farm	Durham
92517	Brown Marsh Swamp	Robeson
92325	Cane Creek	Person
92521	Cane Creek (FD)	Rutherford
92035	Cedar Creek Perry	Franklin
92017	Chowan River Harrell	Chowan
92205	Collins Site	Orange
92760	Columbus Swamp	Columbus
92226	Conoconnara Swamp	Halifax
92329	Crowns West	Onslow
92245	Crowther North South Yadkin River	Rowan
92547	Cutawhiskie creek	Hertford
92229	Daniels Farm #2	Franklin
92543	Davis Branch	Union
92157	Davis Tract-Yadkin River	Davie
92120	Deep - Horse Creek McKean	Moore
92092	Deep River Jordan	Moore
92093	Deep River M. Paschal	Moore
92533	Dog Bite Creek	Mitchell
92544	Duke Swamp	Gates
92116	Dutch Buffalo Creek Walker	Cabarrus
92117	Dutch Buffalo Creek Wickliff	Cabarrus
92107	Dutch Second Creek Hill	Rowan
92763	East Buffalo Creek	Graham
123	East Tarboro Canal (G)	Edgecombe
92172	Elk-Shoals-Methodist Camp	Ashe
92520	Ellington Branch	Warren
92552	Farrar Dairy	Harnett
92558	Fisher River Fisher Peak	Surry

Projects Transferred to Stewardship

Project ID	Project Name	County
92144	Fishing Creek (Capps Tract)	Warren
92038	Fishing Creek Capps Farm	Warren
92039	Fishing Creek Capps Forest	Warren
92020	Fishing Creek Edwards 1	Nash
92021	Fishing Creek Green	Warren
92041	Fishing Creek Hall	Edgecombe
92022	Fishing Creek IP/Alston	Warren
92044	Fishing Creek Shearin	Warren
92046	Fishing Creek Sturges	Franklin
92146	Flat River-Horton Grove	Durham
92812	Flint Rock Farm #2	Rockingham
92486	Floogie Site	Bertie
92228	Gatlin Swamp	Martin
854	Glade Creek	Alleghany
92096	Glendon Slate Creek Paschal	Moore
92219	Gray Farm	Iredell
92152	Great Coharie-TNC	Sampson
92124	Green River Boyer	Polk
92125	Green River Ward	Polk
92142	Guthrie Tract-Shelton Creek	Granville
92138	Harper Tract-Swift Creek	Franklin
92230	Harrell Site	Edgecombe
92118	Hitchcock Creek McDonald	Richmond
92523	Holly Grove	Guilford
92015	Hyco Lake Bessemer	Caswell
92550	Jarmans Oak	Onslow
197	Johnson Site (Hunting Creek)	Iredell
92160	Lambert Tract-Uwharrie River Bluff	Montgomery
92136	Langley Site-Cypress Creek	Franklin
92158	Len's Knob & Little Mountain	Surry
92143	Lester Capps Tract-Shocco Creek	Warren
733	Lewis Creek	Henderson
92161	Lewis Tract; Little River	Randolph
92112	Little River Baker	Randolph
92113	Little River Cochran	Montgomery
92759	Little River Farm	Montgomery
92114	Little River Parker	Randolph
92111	Little River Walbourn	Randolph
92023	Little Shocco Creek O'Neal	Franklin
92024	Little Shocco Creek Speed	Warren
92025	Little Shocco Creek Tomlinson	Franklin
92047	Little Shocco Creek Wheless	Franklin
749	Little Troublesome	Rockingham
92534	Little White Oak Creek	Polk
92248	Mark's Creek TESC	Wake

Projects Transferred to Stewardship

Project ID	Project Name	County
92328	Mason Farm	Hyde
242	McDonald's Pond	Richmond
92141	McNair Tract (Turpentine; LLC)-Aycock Creek	Granville
92105	Mill Creek Steele	Surry
256	Mocassin Creek (G)	Wake
92227	Modlin Site	Martin
92527	Morgan Creek	McDowell
92531	Morgan Creek (French Broad)	Haywood
258	Morgan Creek Floodplain	Orange
261	Naked Creek	Wilkes
92089	New Hope Creek Penny	Orange
92090	New Hope Creek Trinity School	Orange
92151	Newton Tract-White Pines	Chatham
441	Nicholls Farm (Troublesome Creek)	Bertie
92026	North Fork Upper Tar River Winslow	Granville
92611	North Muddy Creek	McDowell
92128	North Pacolet Childers	Polk
92170	Old Cove Tract-Green River-Burdett Property	Polk
283	Perry Property (UT to Pembroke)	Chowan
92159	Pickler's Bluff	Rowan
92518	Pinch Gut Tributary	Stokes
92548	Powell Property	Bertie
92522	Puzzle Creek	Rutherford
92167	Rankin Tract	Gaston
92050	Reedy Creek Johnston	Warren
92134	Roanoke River-IP-Blue Sky Timber Tract 42-14	Halifax
92135	Roanoke River-IP-Blue Sky Timber Tract 42-15	Halifax
92758	Rockwell Pastures	Stanly
317	Rowan Branch	Sampson
92052	Sandy Creek Mullen	Franklin
92028	Sandy Creek Parrish	Franklin
94148	Scaly Bark Creek Mitigation Site	Stanly
92081	Sevenmile Creek Camp Chestnut Ridge	Orange
92241	Sharpe Wetland Preservation	Rockingham
92029	Shelton Creek Peterson	Granville
92055	Shelton Creek Slaughter	Granville
92056	Shelton Creek Thorp/Morton	Granville
92030	Shelton Creek Tucker-Daniel 1	Granville
92018	Shelton Creek Tucker-Daniel 2	Granville
92031	Shocco Creek Alston 1; 2; 3	Franklin
92057	Shocco Creek D Davis	Warren
92137	Shocco Creek LLC-Little Shocco Creek	Franklin
92218	Silver Creek-Conway	Burke
92234	Simpson Wetland	Beaufort
92130	Skyuka Creek Luthi	Polk

Projects Transferred to Stewardship

Project ID	Project Name	County
92764	Snowbird Tributaries	Graham
92556	Stricker Branch	Cabarrus
92027	Swift/Sandy Creek A&P Timber	Franklin
92051	Swift/Sandy Creek Faulkner	Franklin
92054	Swift/Sandy Creek Young	Franklin
92032	Tar River Averett	Granville
92033	Tar River B Harris	Granville
92066	Tar River Betty Crews	Granville
92069	Tar River Dean	Granville
92034	Tar River Hodges	Franklin
92071	Tar River Oakley	Granville
92072	Tar River Pitts	Granville
92080	Tar River Pories	Pitt
92073	Tar River Roy Crews	Granville
92075	Tar River Sherman	Granville
92076	Tar River Sherman 2	Granville
92077	Tar River Smitherman	Granville
92524	Thompson's Fork and Tributary	McDowell
92557	Timberlake (Great Dismal Swamp)	Tyrrell
92528	Tributary to Reedy Fork Creek	Guilford
92347	UT Bear Creek (Weaver/McLeod property) (G)	Chatham
92598	UT to Back Creek	Orange
857	UT to Crab Creek	Alleghany
434	UT to Crooked Creek/Speas Property (G)	Franklin
93876	UT to Goose Creek (Coats)	McDowell
92694	UT to Haw (Beckom)	Alamance
94068	UT To The Lumber River	Robeson
92108	Uwharrie River Bingham	Montgomery
92109	Uwharrie River Cochran	Montgomery
92110	Uwharrie River Whatley	Randolph
92508	Wildcat Branch	Lee
92140	William O'Neal Tract-Swift Creek	Franklin
92165	Wimberley Tract-Nat's Creek	Moore
92551	Wolf Pond	Union

CFR Planning Framework

Watershed Planning budgets traditionally focus on finding adequate, cost effective mitigation projects that will provide the optimal environmental returns for the state's mitigation investments. The 2017 / 2018 biennial budget includes funding to complete the River Basin Restoration Priority (RBRP) update process and incorporate improvements to modeling capacity. The Division has improved its River Basin Restoration Priority (RBRP) processes to realize cost efficiencies and to improve the utility of planing products. The updated process emphasizes functional analyses at variable spatial scales and data will be used to further support LWP updates within high impact Cataloging Units based upon TIP prioritization.

In addition to the previously approved CF 02/03 regional plan, DMS has incorporated funding for the development of a regional watershed plan in FB 05 in anticipation of extensive future mitigation needs in this service area.

Current Watershed Plans (active contracts)*	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Watersheds									
RBRP and existing LWP updates	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 20,035	\$ -	\$ -	\$ 232,535
Subtotal - Project Development Current Contracts Projected Cost	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 20,035	\$ -	\$ -	\$ 232,535

Project Development - New Contracts Projected Cost**	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
CF 02/03 Regional Plan	\$ 21,250	\$ 21,250	\$ 42,500	\$ 42,500	\$ 63,750	\$ 62,000	\$ 25,500	\$ 21,250	\$ 300,000
FB 05 Regional Plan	\$ -	\$ -	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 255,000
Subtotal - Project Development - New Contracts	\$ 21,250	\$ 21,250	\$ 85,000	\$ 85,000	\$ 106,250	\$ 104,500	\$ 68,000	\$ 63,750	\$ 555,000

CFR Planning Framework - TOTAL	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 63,750	\$ 63,750	\$ 127,500	\$ 127,500	\$ 148,750	\$ 124,535	\$ 68,000	\$ 63,750	\$ 787,535

NOTES:

*Estimated cost includes improvements to RBRP modeling capacity and application of data to update existing LWPs.

**FY 16/17 budget approved funding for CF 02/03 Regional Plan. Previously approved contingency funds are being applied to FB 05 Regional Plan.



Rail Division - Facilities and Operations Branch

Rail Corridor Preservation Policy



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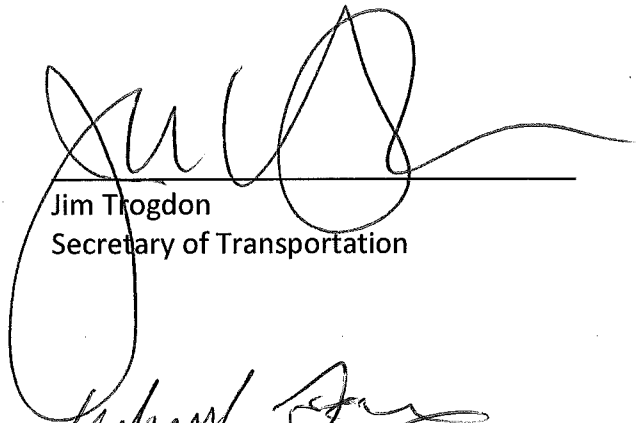
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6-29-17
Date of Approval

6-29-17
Date of Approval



Jim Trogdon
Secretary of Transportation



Mike Fox, Chairman
Board of Transportation

Rail Corridor Preservation Policy

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Appendix A – Engineering Specifications for Pedestrian Rail-Trail Connections

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For more information on rail corridor preservation or to obtain an encroachment agreement with the Department of Transportation for use of rail right of way contact:

NCDOT Rail Division
Corridor & Properties Manager
1553 Mail Service Center
Raleigh, NC 27699-1553
919-707-4708

Forward

As an aid in preserving North Carolina Department of Transportation's rail corridors, this policy sets forth the guidelines for preserving the inactive rail corridor right of ways. This policy also includes the legal basis for the exercise of this authority and the procedures to be followed when applying for a rail corridor encroachment agreement.

I. Background

Pursuant to [N.C. Gen. Stat. § 136-44.36A](#), "the North Carolina Department of Transportation is authorizedto preserve rail transportation corridors and permit interim compatible uses of such corridors." Further, "[p]reservation of railroad corridors for interim trail and future transportation use requires that the integrity of the rights of way be maintained" pursuant to the North Carolina Board of Transportation acceptance of this policy. Therefore, the Rail Division must develop a systematic approach to oversee the public's requests to use the right of way in lieu of the return of the corridor to active rail or other transportation uses.

II. Encroachments

Agreements

The Department will allow compatible interim use of the corridor right of way until such time that it is returned to active rail or other transportation use. Compatible use shall be documented in the form of an encroachment or other agreement between the Department and the agreement applicant.

Customer Service

All agreements will be handled in a manner to ensure a high level of customer service.

The Department has responsibility to the public to maintain rail right of way in such a manner to allow for the ultimate return of the property to transportation use. Department corridor management includes activities such as signing, vegetation control, means of limiting the state's liability, track maintenance standards and needs, the development of an annual railroad corridor maintenance budget, and management of encroachments.

Reimbursable Costs

Expenses incurred by the Department to reach an agreement shall be borne by the encroachment agreement applicant. This could include, but not be limited to, survey, rent study, or appraisal actual costs.

Performance and indemnity (P&I) bonds may be required from the applicant of an encroachment agreement or the applicant's contractor for construction on the railroad corridor right of way. The Rail Division will follow the existing bond requirement guidelines used by the Division of Highways as stated

in the [Policies and Procedures for Accommodating Utilities on Highway Rights-of-Ways](#) when requiring a bond.

Removal

In instances of an unauthorized encroachment where an agreement cannot be reached with a property owner, the Department may take steps necessary to remove the encroachment. However, all efforts will be made to obtain an encroachment. Expenses incurred by the Department during the removal process will be borne by the party encroaching on the right of way and legal action may be taken to recover documented costs.

At such time as the rail corridor is returned to active transportation use, any existing encroachments interfering with the intended transportation use shall be removed, relocated or adjusted as stipulated in the agreement. The Department will provide a minimum of 120 working days written notice for encroachment removal or adjustment.

III. Private Use

In general, the property owner adjacent to the preserved rail corridor where track has been removed will be allowed to use and maintain the corridor in a manner consistent with the interim use with the intent to preserve the corridor for future transportation use. If the track is still in place, the adjacent property owner may use and maintain the Department's right of way up to a point at least 15 feet from the centerline of the track. No structures are to be allowed within fee simple the Department owned property. No structures are to be allowed within 25 feet from the centerline of the tracks on easement owned, Department Right-of-way.

IV. Commercial Use

Assignments

Historically, railroads have allowed the use of their property for private and commercial use. Commercial use of rail property will be handled by the Department in a commercially acceptable manner using rental or lease agreements. Once the Department assumes ownership of the corridor from a railroad company, any existing agreements may be assigned to the Department.

Agreements

It is the general policy of the Department that real property owned by the Department or any state agency may not be sold, leased, or rented at less than fair market value to any private entity that operates, or is established to operate as a "for profit" entity. Therefore, if a Department owned corridor property is being used for commercial ventures, it will be necessary to execute an agreement based on current fair market value. A minimum yearly rate of \$120 will be charged for any commercial encroachment. Rates will be based on comparable industry standards and land values in the areas adjoining the rail corridors. The Department will periodically review and assess its existing commercial agreements and accordingly adjust the rates charged based on fair market value.

V. **Adjacent Property Development**

Residential development along a corridor shall not interfere with the ultimate purpose of the corridor. Commercial and industrial development along a preserved corridor shall not adversely impact the rail corridor. The Department will coordinate with local planning agencies to encourage land development and comply with local zoning ordinances, which will be harmonious with the development of the preserved rail corridors and future transit options. No structures are to be allowed within fee simple Department owned property. No structures are to be allowed or located within 25 feet of the centerline of track on Department owned easements or right-of-way which are owed primarily for railroad purposes or that would interfere with the ultimate purpose of the corridor.

VI. **Crossings**

The safety of the traveling public, whether by foot, bike, motor vehicle or transit use is of utmost importance. While the Department will not land lock property owners, it does have the responsibility of making travel-ways as safe as possible. The Department will discourage new at-grade street and driveway crossings of Department-owned preserved rail corridors and request that local governments along these corridors discourage new crossings in adopted plans, zoning changes, site plan approvals, and building construction approvals. The Department encourages the consolidation and closure of crossings where possible.

The Department District Engineers will be responsible for limiting at-grade crossings when issuing driveway permits and installing driveway pipe that access property along preserved rail corridors and shall consult the Rail Division about such activities along preserved rail corridors. Driveways along preserved rail corridors shall not be installed by Division of Highways personnel without obtaining prior approval from the Rail Division.

VII. **Corridors Acquired With Federal Funds**

Rail corridors purchased with federal funds must follow federal guidelines for right of way disposition. Applicants for agreements will be responsible for all administrative, appraisal and any federal fees associated with the review of potential new at-grade crossings, leases, licenses or utility encroachments of Department owned rail corridors. The Department Right of Way Disposal and Control of Access Committee will review and make recommendations for new crossing applications on these rail corridors.

VIII. **Trail Use**

The Department may allow interim compatible trails on suitable inactive rail corridors; however, trails shall be built to minimize impacts along Department owned corridors. All interim rail trails on preserved corridors must follow the requirements of all applicable laws.

Local governments leasing the corridor for interim trail use are charged with the responsibility of following the procedures outlined in this policy. All construction or modifications on the American Tobacco Trail (ATT) corridor property boundaries to provide access shall meet the requirements of Engineering Specifications for Rail/Trail Connectors. The Department may impose engineering specifications on other rail corridors.

Lease Agreements

Use of a corridor for interim use as a recreational trail typically requires a local governing entity to enter into a lease agreement with the Department. This lease agreement contains additional responsibilities necessary to manage and maintain the corridor. The lessee has the responsibility of, among other things, maintenance, security, providing routine observation of the leased corridor, and alerting Rail Division staff to unauthorized encroachments. Rail Division staff maintains responsibility for evaluating each application for all trail access connectors, and for inspecting the completed construction for compliance with the approved design.

IX. Clearing of the Railroad Right of Way

No unauthorized clearing of the rail corridor right of way will be permitted. Should the inactive corridor be leased for interim trail use, clearing of the right of way for trail use shall be kept to a minimum.

The Department will provide for mowing of the corridor or other vegetation control in municipal areas, parcels where track is maintained in place, or as requested by individuals on a case by case basis.

Timbering of the rail corridor is prohibited without proper legal authorization. Any construction or like activities adjacent to the rail corridor shall keep debris out of adjoining ditches. All debris from construction operations obstructing the corridor shall be cleaned up by the construction company. Ditches and drainage pipes shall be returned to working order after construction.

X. Removal of Materials

Removal of railroad ballast or other track materials from inactive rail corridors will not be permitted without authorization from the Department. Theft of railroad materials shall be prosecuted to the fullest extent of the law. All material removed from the corridor without authorization shall be replaced or compensation paid based on current market value of the material.

XI. Hazardous Material and Dumping

Disposal or storage of hazardous material on the corridor is strictly prohibited.

Any party disposing or storing hazardous material shall be responsible for any cleanup to the satisfaction of the Department and will hold the Department harmless from all costs, fees, fines or assessments incurred or imposed as a result of the spill.

The North Carolina Board of Transportation fully endorses the policy proposed by the North Carolina Department of Transportation for the preservation of railroad corridors

APPENDIX A

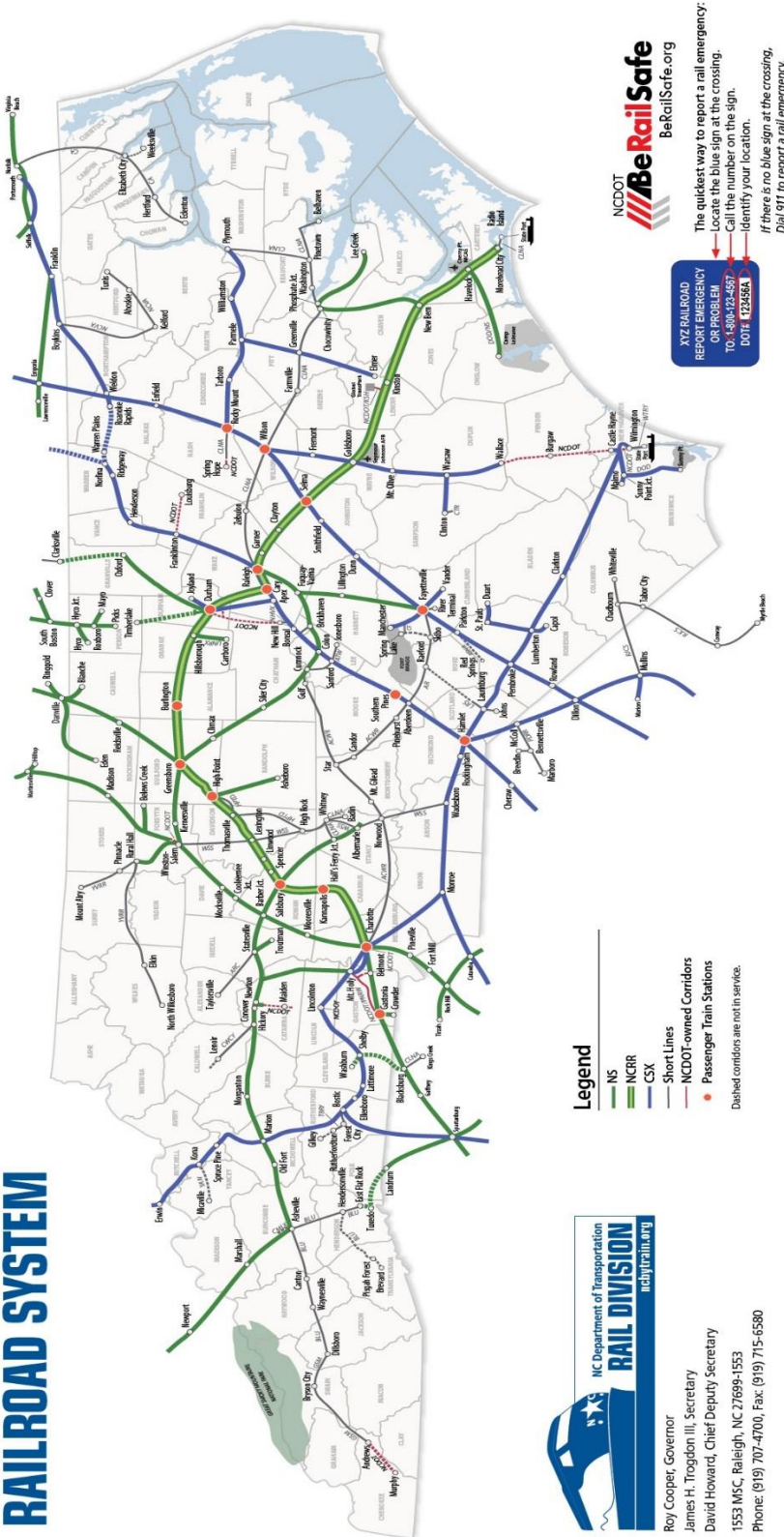
ENGINEERING SPECIFICATIONS FOR RAIL/TRAIL CONNECTORS

It is the intent of the NCDOT Rail Division to keep the right-of-way along the American Tobacco Trail (ATT) in its natural state until such time when the trail is returned to active rail use. The following rules and design specifications are required to accomplish this goal:

1. No work is to take place within the right-of-way prior to submission of plans and receipt of written plan approval by NCDOT (i.e. tree removal, construction fencing, grading, piping, etc.).
2. Sediment, erosion or water runoff from adjacent property onto the NCDOT right-of-way is prohibited.
3. Any structures approved on the state-owned corridor are temporary.
4. Municipalities can label the state-owned rail corridor as they seem fit.
5. Trail Connections will be considered on a case by case basis. This will allow for modifications to these guidelines for unusual situations. The following are the established guidelines for connections to minimize the impacts to the rail corridor:
 - a. Connections will approach the trail at a 90-degree angle from the adjacent property ROW line.
 - b. Trail connectors will be a maximum of 18 feet in width – 10 feet maximum width of non-slip resistant trail surface, plus a 4-foot grass shoulder on either side of the trail connector.
 - c. No trees outside the 18-foot connector width may be removed.
 - d. Bollards must be placed at each trail connector at a maximum spacing of 39 inches apart and must be located at the ROW line.
 - e. Existing ground elevations and berms within the NCDOT right-of-way shall not be altered unless otherwise authorized.
 - f. No shrubbery, trees or landscaping materials shall be installed along the trail connector without prior approval.
 - g. Trail connections shall be for public use serving more than one residential property.
 - h. Spacing of Trail Connectors shall be limited to a maximum of six (6) per mile (Exempt: Schools, greenways, parks and sidewalks at roads). Trail connectors shall be spaced based on topography, environmental factors, land use, existing connections, road intersections, etc. Connection spacing will be handled on a case by case basis.
 - i. Trail connections shall meet all Federal and State laws.

NCDOT response for violations: Violation of above Rules may result in (1) refusal by NCDOT to allow the encroachment, (2) restoration of property damage at violator's expense, and/or (3) NCDOT seeking any and all available legal remedies to mitigate damages and recover cost (including administrative and/or construction expenses) to correct the problem.

North Carolina RAILROAD SYSTEM



KEY	
ACWR	Aberdeen Carolina & Western Railway
AR	Aberdeen & Rockfish Railroad
ATW	Alexander Railroad
ATW	Atlantic & Western Railway, LP
BLU	Blue Ridge Southern Railroad
CA	Chesapeake & Albemarle Railroad
CF	Cape Fear Railways
CLNA	Carolina Coastal Railway
CMR	Craggy Mountain Railroad
CSX	CSX Transportation
CTR	Clinton Terminal Railroad

KEY	
CWCY	Caldwell County Railroad
DOD	Department of Defense
DOD/NS	Camp Lejeune Railroad
NC DOT	N.C. Department of Transportation
GSM	Great Smoky Mountains Railway
HPTD	High Point, Thomasville & Denton Railroad
KSH	Kinston & Snow Hill Railroad
LRS	Laurinburg & Southern Railroad
NCRR	North Carolina Railroad Company
NCVA	North Carolina & Virginia Railroad
NHXY	New Hope Valley Railway

KEY	
NS	Norfolk Southern Corporation
PDWR	Pee Dee River Railway
PNRW	Piedmont & Northern Railway
RSNR	Red Springs & Northern Railroad
RCS	RJ Corman Railroad Company/Carolina Lines, LLC
SUR	State University Railroad
TBRY	Thermal Belt Railway
WSS	Winston-Salem Southbound Railway
WTRY	Wilmington Terminal Railroad, Inc.
YVRR	Yadkin Valley Railroad



June 2017

For an online NCDOT North Carolina Rail System map, visit <http://arg.bv.ypois>



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or 1-800-BY-TRAIN (1-800-298-7246)

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Cary	Greensboro	Salisbury
Charlotte	Hamlet	Selma
Durham	High Point	Southern Pines
Fayetteville	Kannapolis	Wilson
	Raleigh	

Railway Association of North Carolina - www.ncrailways.org