

I N D E X

BOARD OF TRANSPORTATION MEETING

June 2, 2016

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Board of Transportation Meeting

June 2, 2016

Call to Order

Chairman Curran called the meeting of the Board of Transportation to order at 8:31 a.m. Thursday, June 2, 2016 in Raleigh, North Carolina with the following members present: Fearing, Blount, Fountain, Tulloss, Sheehan, Crawford, Hutchens, McQueary, Alexander, Perkins, Dodson, Palermo, Brown and Debnam.

Board Member Overholt, Lennon, Molamphy and Wetmore were absent.

Invocation

The invocation was offered by Board Member Crawford.

Ethics Statement

Chairman Curran 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 May 5, 2016 Board Meeting

The minutes of the May 5, 2016 Board of Transportation meeting were unanimously approved upon a motion by Board Member Fearing, seconded by Board Member Brown.

RESOLUTION FOR TROOPER GENE DEMUTH

Upon the recommendation of the Road Naming Committee, a motion was made by Board Tulloss, seconded by Board Member Debnam, to approve the following resolution:

WHEREAS, Trooper Bobby Gene DeMuth, Jr. served the North Carolina Highway Patrol for 12 years and was assigned to the Rocky Mount Troop C District 1 Office and he also served his country as a United States Marine from 1988 to 1992; and

WHEREAS, Trooper DeMuth began his law enforcement career in 1994 as a deputy with the Wilson County Sheriff's Office until moving over to the Edgecombe County Sheriff's Office and he also served as an officer with the North Carolina Division of Motor Vehicles Enforcement Section before he joined the North Carolina Highway Patrol in Nash County where he served with diligence and honor; and

WHEREAS, Trooper DeMuth was struck and killed on September 8, 2012 on U.S. 64 in Nash County near Spring Hope while attempting to deploy spike strips during pursuit of a felony suspect from Wake County who was wanted on multiple charges; and

WHEREAS, Trooper DeMuth was 42 years old at the time of his death and was the 62nd North Carolina State Patrolman killed in the line of duty and the second Highway Patrolman killed in the line of duty in Nash County; and

WHEREAS, the actions, life and career of Trooper DeMuth serve as a worthy example for all citizens of Nash County and a fitting memorial to his memory is well deserved; and

WHEREAS, the Nash County Board of Commissioners request to name the bridge over Red Oak Road at U.S. 64 in Nash County in honor of Trooper Gene DeMuth.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation name the bridge over Red Oak Road (S.R. 1003) at U.S. 64 in Nash County as the ***Trooper Gene DeMuth Bridge***.

That appropriate signs will be erected at a suitable time.

Adopted, this the second day of June 2016 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

Chairman Curran's Remarks

Chairman Curran welcomed everyone and turned the meeting over to Secretary Tennyson.

Secretary Tennyson's Remarks

Secretary Tennyson welcomed special guests and thanked everyone for attending.

He started by recognizing some exceptional NCDOT employees and asked Inspector Willie Carswell, and Captain James Ratliff to come forward. These employees are from the NCDMV License and Theft Bureau, and the department wants to recognize them for their recent efforts to bust a fraudulent ID lab in Wilmington.

This investigation started in mid-March in Mecklenburg County by Inspector Willie Carswell from District VI out of Huntersville, which is under the supervision of Captain James Ratliff. Inspector Carswell got a lead from a Mecklenburg County ABC officer about a fake ID, and the case developed after interviewing a University of South Carolina student who had purchased a set of fake IDs online and still had one of them in her possession. She provided the website's information and how she contacted the maker. Inspector Carswell and Inspector Andrew Pinney, also from District VI, worked very hard to conduct this investigation over several months. Both logged long hours on surveillance and reporting and put together an extensive criminal investigation on an individual in Wilmington who was operating the most sophisticated and advanced technological document lab License & Theft Bureau leaders have ever seen. The investigation led to an arrest on May 10th in New Hanover County.

Others involved include Lt. Jason Shrader, Assistant District Supervisor for District VI who led the execution of the search warrant, and Lt. Matt Walters also from District VI, as well as employees from License & Theft District II led by Captain Lloyd Crissman and Lt. Kevin Peake. This was an impressive team effort involving multiple units from across the state, and the Department is thankful to everyone who played a part in this for their outstanding work.

Secretary Tennyson made a special presentation to some heroic employees from Division 4 and asked Teresa Skinner, Thomas Jernigan, David Griffies and Keith Hurdle to come forward. He said these four employees are from Halifax County and recently demonstrated heroism when assisting during a house fire on N.C. 125. Teresa saw the porch was on fire and called 911 to alert authorities. Thomas and David were also traveling the same road and stopped to assist. The house was fully engulfed in flames and they made sure the homeowner was out of the house. They found the owner on the back porch trying to go back in to save his dog. They stayed with the owner to make sure he was safe, and Thomas was able to coax the dog from the home. Keith, who is also the chief of the Jackson Fire Department in Northampton County, also stopped to offer his assistance to the two volunteer firemen on the scene at the time. He helped man a hose in order to extinguish the fire. All of these employees demonstrated a great willingness to go above and beyond in an emergency situation, and to honor them for their heroism they were each presented with the department's Extra Mile Award.

The Secretary introduced and welcomed a new team member, Crystal Feldman, Deputy Secretary for Communications. Crystal most recently served as Deputy Secretary for Public Affairs at the N.C. Department of Environmental Quality. Prior to that, she served as the Energy Communications Director for the Department of Environment and Natural Resources, Deputy Communications Director for the N.C. Department of Public Safety, and as a Press Secretary in the Office of the Governor. She received her B.A. from Georgetown University, where she majored in government and minored in Spanish.

He said we have one team member to say goodbye to and asked Lauren Blackburn to come forward. Lauren is the Director of the Division of Bicycle and Pedestrian Transportation and has played an important role in leading our bicycle and pedestrian initiatives during her time here, including the development of WalkBikeNC, our statewide bicycle and pedestrian plan, which is the first of its kind in the nation that encompasses elements of economic and health impact analysis. Along with this, the department has focused on collecting and sharing data with statewide partners to help the department better understand the health and economic impacts of bicycling and walking. Under Lauren's leadership, the department started a "counts" program as well as other data collection efforts. In another important effort, during her time with NCDOT more than 1,000 state and local staff and consultants were trained on the Complete Streets Planning and Design guidelines, and as a result have provided comments on many hundreds of bridge and highway projects to consider the need for bicycle and pedestrian accommodations.

Lauren also led the Watch for Me NC campaign focused on improving bicycle and pedestrian safety in partnership with communities across the state. In addition, she helped launch the Active Routes to School Program, an innovative inter-agency partnership with DHHS to provide resources to hire program coordinators in the 10 health regions across the state to spur more walk and bike to school activities. These are just a few of Lauren's many contributions, and she will be greatly missed. He thanked Lauren for all her hard work, and presented her with the Road Gang Award. Assistant Director Ed Johnson will assume duties as Acting Director pending the appointment of a new director.

Secretary Tennyson said May was a month of exciting milestones for the department. The DMV online renewal has been a big success. Earlier this month Governor McCrory announced that more than 355,000 North Carolina drivers have renewed their licenses online resulting in customer time savings of 177,900 hours. The testing for online renewal began on June 4, 2015 and it was launched statewide on October 12, 2015. This service was started as part of the Driving Change initiative under the Governor's leadership to make it quicker and easier for drivers to renew their licenses and to reduce wait times at our DMV offices.

We also saw a major milestone when the first piling was installed for the new Bonner Bridge on May 9. The bridge will have a total of 673 concrete pilings ranging in length from 110 feet to 130 feet. Ground breaking on the project was March 8th and it is scheduled to be complete in September 2019.

The department also received approval of the revised Environmental Assessment for the 2.5 mile-long Pamlico Sound bridge, known as a "jug handle," from the southern end of the Pea Island National Wildlife Refuge into Rodanthe. The next steps will be soliciting public comments on the revised Environmental Assessment and holding a set of local public meetings next month to publicize the preferred alternative. The department will then partner with the FHWA to consider those public comments and identify the final selected alternative as required under the National Environmental Policy Act. A Record of Decision can then be issued, which will allow the department to award the project as early as this fall.

The department also received approval from AASHTO for the future interstate numbers for U.S. 70 and U.S. 64/17. U.S. 70 between I-40 and Morehead City will be I-42, and U.S. 64/17 between Raleigh and the Virginia line will be I-87. Secretary Tennyson said the Governor, Board Member Gus Tulloss and himself joined other officials to officially open the final section of the U.S. 70 Goldsboro Bypass, which is part of the Future I-42 Corridor, just in time for the Memorial Day holiday. With the opening of this section, the state now has a bypass that spans more than 20 miles from Wayne County into Lenoir County, connecting major routes in this area and greatly improving travel, access and safety along U.S. 70.

He said the Governor and himself also had the chance to travel to Wilmington to mark another milestone with the unveiling of the new Third Street Bridge. The new bridge replaces the original bridge built in 1920. It incorporates modern design standards, and includes eight and a half foot wide sidewalks for pedestrians and accommodations for bicyclists. Its flat design will also enhance safety. It also features stone-faced walls, stamped

sidewalks, decorative crosswalks and lighting that tie in with the recently completed North Third Street Improvement Project. Both of these projects, along with the future interstate designations, are helping to fulfill Governor McCrory's 25-Year Vision for transportation in the state.

Improving safety continues to be a top priority of both the department and the Governor, and work zone safety is of paramount concern. The department held another work zone safety event this past month in conjunction with the Associated General Contractors of America on the Greensboro Eastern Loop project to again drive this message home and reiterate the importance of safety for both workers and motorists. Already this year, we have had 10 fatalities including two workers and eight motorists, as well as close to 1,000 injuries.

The Memorial Day Click It or Ticket Campaign began Monday, May 23rd and runs through June 5th. Now in its 23rd year, Click It or Ticket continues to play a central role in the department's highway safety efforts. In 2015, 415 people who were not using seat belts were killed and an additional 436 others were seriously injured in motor vehicle crashes in North Carolina. During that same year, 41.8 percent of passenger vehicle fatalities were unrestrained. The good news is that between 2010 – 2014, an average of 545 lives were saved per year due to the use of seat belts in passenger vehicles, and we continue to reiterate how important it is to buckle up in "every seat, every time."

Enhancing freight movement is a prominent part of the 25-Year Vision and a central focus of the department. Planning activities have recently gotten underway on the NC Statewide Multimodal Freight Plan, and the consultant team is in the process of interviewing freight stakeholders across the state. Cambridge Systematics is leading the consultant team and has partnered with several local firms, including AECOM, Volkert, Baseline Mobility and IEM. The plan will establish specific multimodal transportation goals, strategies, and actions that will contribute to increased North Carolina jobs, improved economic competitiveness, and enhanced quality of life. It will also provide clear, compelling freight-specific recommendations that support the 25-year vision and address the criteria in the STI prioritization process, as well as offering strategies for helping various stakeholders better understand the value of freight transportation investments and their economic benefits. The plan will position North Carolina to capitalize on federal funding opportunities stemming from the FAST Act. The plan is scheduled to be complete in fall 2017. The Secretary thanked all involved with this effort.

He said the department is also moving forward with our work to prioritize projects under P4.0. The window to assign local input points to regional level projects opened on Monday, April 18th and closes on Friday, July 29th. As part of this, the department is holding a public comment period beginning Monday, June 20 through Friday, July 22nd. During this time, each of the 14 divisions will also be holding a public meeting regarding projects in their area.

Noise Policy Update

Mike Holder provided an update on the noise policy.

Piedmont Improvement Program Update

Paul Worley provided a slide show presentation to give an update on the Piedmont Improvement program.

Approval of Projects

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

Board Member Dodson abstained from voting on certain projects.

Delegated Authority Items

Approval – Award of Highway Construction Contracts in the May 17, 2016 Letting

Projects were awarded by the Secretary to the low bidder on all projects.

Project	Contract Awarded To	Amount
C203865 2016CPT.02.03.10541.1 STATE FUNDED LENOIR	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$3,062,506.33
C203727 42329.3.1 STATE FUNDED GRANVILLE B-5171	FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	\$894,894.04
C203864 2016CPT.05.09.10351.1, 2016CPT.05.09.20351.1 STATE FUNDED FRANKLIN	FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	\$5,644,784.29
C203819 52008.3.FS1 NHPP-0095(034) CUMBERLAND I-5731	HIGHLAND PAVING COMPANY LLC FAYETTEVILLE, NC	\$16,448,222.78
C203841 53052.3.FS1 NHPP-0074(183) ROBESON I-5847	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$3,289,123.37
C203861 2016CPT.06.08.10091.1, 2016CPT.06.08.10241.1, 2016CPT.06.08.20091.1, 2016CPT.06.08.20241.1 STATE FUNDED	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$6,170,750.06

BLADEN, COLUMBUS C203728 46058.3.1 BRZ- 2821(1) GUILFORD B- 5344	SMITH-ROWE, LLC MOUNT AIRY, NC	\$864,734.58
C203783 52010.3.1, 53005.3.1 NHPP-0040(6)208, NHPIM-0040(7)208 GUILFORD I-5734, I-5762	PENHALL COMPANY ANAHEIM, CA	\$8,230,315.17
C203780 50080.3.FD1 HSIP-4315(2) FORSYTH W-5510	YATES CONSTRUCTION CO., INC. STOKESDALE, NC	\$3,984,210.29
C203863 2016CPT.10.57.10131.1, 2016CPT.10.57.10131.2, 2016CPT.10.57.10131.3, 2016CPT.10.57.20131.1, 2016CPT.10.57.20131.10, 2016CPT.10.57.20131.11, 2016CPT.10.57.20131.12, 2016CPT.10.57.20131.13, 2016CPT.10.57.20131.14, 2016CPT.10.57.20131.15, 2016CPT.10.57.20131.16, 2016CPT.10.57.20131.17, 2016CPT.10.57.20131.18, 2016CPT.10.57.20131.19, 2016CPT.10.57.20131.2, 2016CPT.10.57.20131.4, 2016CPT.10.57.20131.5, 2016CPT.10.57.20131.6, 2016CPT.10.57.20131.7, 2016CPT.10.57.20131.8, 2016CPT.10.57.20131.9, 2016CPT.10.57.20132.1, 2016CPT.10.57.20132.2, 2016CPT.10.57.20132.3 STATE FUNDED CABARRUS, MECKLENBURG	BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	\$5,208,623.73
C203851 2016CPT.10.58.20902.8, 2016CPT.10.64.10901.18, 2016CPT.10.64.20901.19, 2016CPT.10.64.20901.20, 2016CPT.10.64.20901.21, 2016CPT.10.64.20901.22,	LYNCHES RIVER CONTRACTING, INC. PAGELAND, SC	\$3,945,493.71

2016CPT.10.64.20901.23,
 2016CPT.10.64.20901.24,
 2016CPT.10.64.20901.25,
 2016CPT.10.64.20901.26,
 2016CPT.10.64.20901.27,
 2016CPT.10.64.20901.28,
 2016CPT.10.64.20901.29
 STATE FUNDED
 UNION

C203810 42308.3.1 STATE FUNDED ASHE B-5147	JAMES R. VANNOY & SONS CONSTRUCTION COMPANY, INC JEFFERSON, NC	\$476,176.10
C203855 17BP.11.R.119 STATE FUNDED CALDWELL, WILKES	R.E. BURNS & SONS CO., INC. STATESVILLE, NC	\$2,827,831.00
C203858 17BP.11.R.120 STATE FUNDED CALDWELL, WILKES	MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	\$4,385,000.00
C203857 2016CPT.12.04.10021, 2016CPT.12.04.20021, 2016CPT.12.04.20022 STATE FUNDED ALEXANDER	MAYMEAD, INC. MOUNTAIN CITY, TN	\$2,479,456.50
C203859 2016CPT.12.06.10231, 2016CPT.12.06.20231 STATE FUNDED CLEVELAND	ASPHALT PAVING OF SHELBY INC SHELBY, NC	\$3,870,384.94
C203860 2016CPT.12.08.10491, 2016CPT.12.08.20491 STATE FUNDED IREDELL	MAYMEAD, INC. MOUNTAIN CITY, TN	\$10,651,585.50
C202434 38908.3.FS2 STP-0064(136) CLAY R-4416	WATSON CONTRACTING, INC. FRANKLIN, NC	\$5,558,484.66
C203856 44671.3.1 FLAP019 GRAHAM R- 5770	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC- ATLANTIC INC KN	\$3,346,443.20
C203761 52034.3.1 NHPP-0040(018)23 HAYWOOD I-5756	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	\$16,798,498.21

Approval - Professional Services Management

The Board concurred with the staff recommendations and delegated authority to the Secretary to award the following contracts.

Technical Services

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 a private firm to prepare a Federal Environmental Impact Statement for the project 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 3

Project:	44604 (part of R-3436) Brunswick County Proposed Carolina Bays Parkway Extension, from SC 9 in Horry County South Carolina to US 17 near NC 904 in Brunswick County North Carolina (formerly NCDOT STIP Project R-3436 and SCDOT Project P029554) (joint project with SCDOT)
Scope of Work:	Project Development Study and Prepare a Federal Environmental Impact Statement
Estimated Construction Cost:	\$148,200,000.00
Firm:	Calyx Engineers and Consultants, Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	100%

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:	2014 Planning and Design LSC
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%

Description of Work: 2014 Planning and Design LSC
Firm: Atkins North America, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: H. W. Lochner, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: Hatch Mott MacDonald I&E, LLC, Fuquay-
Varina, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: HDR Engineering Inc. of the Carolinas,
Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: ICA Engineering, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016

SPSF Utilization:	0%
Description of Work:	2014 Planning and Design LSC
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2014 Planning and Design LSC
Firm:	Moffatt & Nichol, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2014 Planning and Design LSC
Firm:	Calyx Engineers & Consultants, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2014 Planning and Design LSC
Firm:	Parsons Brinckerhoff, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2014 Planning and Design LSC
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2014 Planning and Design LSC
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC

Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$6,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2014 Planning and Design LSC
Firm:	Stantec Consulting Services, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2014 Planning and Design LSC
Firm:	Stewart, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	100%
Description of Work:	2014 Planning and Design LSC
Firm:	Three Oaks Engineering, Inc., Durham, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2014 Planning and Design LSC
Firm:	URS Corporation-North Carolina, Morrisville, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2014 Planning and Design LSC
Firm:	VHB Engineering NC, PC, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%

Description of Work: 2014 Planning and Design LSC
Firm: Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
DBE/WBE/SPSF Utilization: 100%

STATEWIDE

Description of Work: 2015 Planning and Design LSC
Firm: AMEC Foster Wheeler Environment &
Infrastructure, Inc., Durham, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2015 Planning and Design LSC
Firm: Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2015 Planning and Design LSC
Firm: CDM Smith, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2015 Planning and Design LSC
Firm: Davenport, Winston-Salem, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2015 Planning and Design LSC
Firm: Dewberry Engineers, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2015 Planning and Design LSC
Firm: KCI Associates of North Carolina, Raleigh,
NC
Maximum Engineering Fee: \$1,500,000.00
3441

Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2015 Planning and Design LSC
Firm:	Parsons Transportation Group, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2015 Planning and Design LSC
Firm:	Simpson Engineers & Associates, PC, Cary, NC
Maximum Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
DBE/MBE/SPSF Utilization:	100%
Description of Work:	2015 Planning and Design LSC
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
Previous Supplemental Fee:	\$1,500,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2015 Planning and Design LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2015 Planning and Design LSC
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	100%
Description of Work:	2015 Planning and Design LSC
Firm:	Vaughn & Melton Consulting Engineers, Asheville, NC
Maximum Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$ 500,000.00 and Time extension to December 31, 2016

DBE/WBE/SPSF Utilization: Three Oaks Engineering, Inc. \$75,000.00
15%
SPSF Utilization: Parrish and Partners of North Carolina,
PLLC \$75,000.00
15%

DIVISION 10

Project: 38965.1.1 (U-2509) Mecklenburg County
Charlotte – US 74 (Independence Blvd.)
from Charlotte Outer Loop to Idlewild Road
Scope of Work: Preparation of EA, FONSI, CIA/ICE, ICI
Water Quality Assessments, Public
Involvement, Wetland and Stream
Delineation, T&E Studies, Preliminary
Roadway Design and Preliminary
Hydraulics Report
Estimated Construction Cost: \$20,000,000.00
Firm: VHB Engineering NC, PC, Raleigh, NC
Maximum Engineering Fee: \$1,200,000.00
Supplemental Fee: \$1,600,000.00
Supplemental Work: Completion of EA and FONSI
DBE/WBE/SPSF Utilization: Three Oaks Engineering, Inc.
\$160,000.00
10%
SPSF Utilization: Sungate Design Group, PA \$80,000.00
5%

DIVISION 6

Project: 45833.1.1 (U-5605) Cumberland County
SR 4202 (Odell Road) from the Fort Bragg
Boundary to NC 24/NC 87 (Bragg
Boulevard) in Spring Lake
Scope of Work: EA, FONSI, Capacity Analysis, and Public
Involvement
Estimated Construction Cost: \$8,200,000.00
Firm: STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee: \$350,000.00
Supplemental Fee: \$400,000.00
Supplemental Work: Studies for new location alternatives
SPSF Utilization: Patriot Transportation Engineering, PLLC
\$80,000.00
20%
DBE/MBE/SPSF Utilization: Neighborhood Solutions, LLC
\$40,000.00
10%

Roadway Design

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 6

Project: 34817.1.S5 (U-2519AA) Robeson County
Fayetteville – Outer Loop from I-95 to
South of SR 1118 (Parkton Road)
Scope of Work: Prepare Right of Way and Let Plans
Estimated Construction Cost: \$50,700,000.00
Firm: AECOM Technical Services of North
Carolina, Inc., Raleigh, NC
Maximum Engineering Fee: \$400,000.00
SPSF Utilization: 0%

Project: 34817.1.S6 (U-2519AB) Cumberland
County
Fayetteville – Outer Loop from South of
SR 1118 (Parkton Road) to South of SR
1003 (Camden Road)
Scope of Work: Prepare Right of Way and Let Plans
Estimated Construction Cost: \$109,500,000.00
Firm: Moffatt & Nichol, Inc., Raleigh, NC
Maximum Engineering Fee: \$400,000.00
SPSF Utilization: 0%

DIVISION 11

Project: 34518.1.FR6 (R-2915E) Ashe County
US 221 from US 221 Bypass to US 221
Bus/NC 88 in Jefferson
Scope of Work: Prepare Right of Way and Let Plans
Estimated Construction Cost: \$18,800,00.00
Firm: Rummel, Klepper, & Kahl, LLP, Raleigh,
NC
Maximum Engineering Fee: \$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 4

Project: 36596.1.2 (U-3330) Nash County
Rocky Mount – US 301 Bypass from NC
43-48 (Benvenue Rd.) to SR 1836 (May
Dr.)
Scope of Work: Roadway & Hydraulic Design

Estimated Construction Cost:	\$26,700,000.00
Firm:	Calyx Engineers and Consultants, Raleigh, NC
Original Engineering Fee:	\$350,756.21
Previous Supplemental Fee:	\$121,026.76
Supplemental Fee:	\$ 34,764.61
Supplemental Work:	Roadway and Hydraulic design to add a noise wall, detour design, revise Y8/Y9, revise drainage
DBE/WBE/SPSF Utilization:	100%

DIVISION 5

Project:	42263.1.1 (B-5121) Wake County Bridge 227 on US-70/US-401/NC-50 (Capital Boulevard) over Peace Street and Bridge 213 on US-70/NC-50 (Wade Avenue) over US 401 (Capital Boulevard) in Raleigh (Comb w/B-5317) Replace Bridge
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Scope of Work:	Roadway Design, Hydraulic Design, and Traffic Control Plans
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Estimated Construction Cost:	\$25,300,000.00
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC

Original Engineering Fee:	\$513,030.07
Previous Supplemental Fee:	\$ 36,523.78
Supplemental Fee:	\$188,627.79
Supplemental Work:	Roadway Design, Hydraulic Design, and Traffic Management plans to incorporate a greenway, retaining wall envelopes, revise betterment estimate and map and incorporate Traffic Management design and Streetscape Plans

SPSF Utilization:	0%
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Project:	34745.1.1 (U-0071) Durham County Durham East End Connector from north of NC 98 to NC 147 (Buck Dean Freeway)
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Scope of Work:	Roadway & Hydraulic Design
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Estimated Construction Cost:	\$105,525,000.00
Firm:	MA Engineering Consultants, Inc., Cary, NC

Original Engineering Fee:	\$616,206.89
Previous Supplemental Fee:	\$579,279.93
Supplemental Fee:	\$ 30,116.22
Supplemental Work:	Roadway & Hydraulic design revisions to -SR1- (Muldee St.) due to ABF Trucking

DBE/MBE/SPSF Utilization:	(Parcel 24) R/W Settlement 100%
DIVISION 12	
Project:	34522.1.4 (R-3100B) Catawba County NC 16 from SR 1801 (Claremont Rd.) to west of SR 1814 (Caldwell Rd.)
Scope of Work:	Roadway & Hydraulic Design
Estimated Construction Cost:	\$20,200,000.00
Firm:	URS Corporation-North Carolina, Morrisville, NC
Original Engineering Fee:	\$294,125.44
Previous Supplemental Fee:	\$ 48,024.16
Supplemental Fee:	\$ 20,395.59
Supplemental Work:	Roadway & Hydraulic design changes to accommodate future plans for Abernathy Laurels Driveway
SPSF Utilization:	0%

Transit

Rail

The following are supplemental contracts to a 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:	2013 General Rail Planning LSC
Firm:	Simpson Engineers & Associates, PC, Cary, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$ 0.00 One (1) year time extension
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2013 General Rail Planning LSC
Firm:	Hatch Mott MacDonald I&E, LLC, Fuquay- Varina, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$ 0.00 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

SPSF Utilization:	extension 0%
Description of Work: Firm:	2013 General Rail Planning LSC Stantec Consulting Services, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$ 0.00 One (1) year time extension
SPSF Utilization:	0%
Description of Work: Firm:	2013 General Rail Planning LSC AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$ 0.00 One (1) year time extension
SPSF Utilization:	0%

Chief Engineer

State Maintenance 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 private firms to provide Disaster Debris Monitoring on an as needed basis for various federal-aid and state funded projects to support State Maintenance Operations. These contracts will expire one (1) year (with two (2) one-year extensions possible) 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: Firm:	2016 Disaster Debris Monitoring LSC ICA Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work: Firm:	2016 Disaster Debris Monitoring LSC S&ME, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group, Inc., Morrisville, NC \$1,000,000.00 20%
Description of Work: Firm:	2016 Disaster Debris Monitoring LSC SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00

SPSF Utilization:	0%
Description of Work: Firm:	2016 Disaster Debris Monitoring LSC Summit Design and Engineering Services, PLLC, Hillsborough, NC
Maximum Engineering Fee: SPSF Utilization:	\$5,000,000.00 100%
Description of Work: Firm:	2016 Disaster Debris Monitoring LSC Tetra Tech Engineering, PC, Research Triangle Park, NC
Maximum Engineering Fee: SPSF Utilization:	\$5,000,000.00 0%
Description of Work: Firm:	2016 Disaster Debris Monitoring LSC The Louis Berger Group, Inc., Raleigh, NC
Maximum Engineering Fee: DBE/MBE/SPSF Utilization:	\$5,000,000.00 A1 Consulting Group, Inc., \$500,000.00 10%
Description of Work: Firm:	2016 Disaster Debris Monitoring LSC Thompson Engineering, Inc., Mobile, Alabama
Maximum Engineering Fee: SPSF Utilization:	\$5,000,000.00 0%
Description of Work: Firm:	2016 Disaster Debris Monitoring LSC Vaughn & Melton Consulting Engineers, Asheville, NC
Maximum Engineering Fee: DBE/MBE/SPSF Utilization:	\$5,000,000.00 A1 Consulting Group, Inc., \$1,000,000.00 20%
Description of Work: Firm:	2016 Disaster Debris Monitoring LSC Volkert, Inc., Raleigh, NC
Maximum Engineering Fee: SPSF Utilization:	\$5,000,000.00 0%
Description of Work: Firm:	2016 Disaster Debris Monitoring LSC Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee: DBE/WBE/SPSF Utilization:	\$5,000,000.00 100%
Description of Work: Firm:	2016 Disaster Debris Monitoring LSC Witt O'Brien's, LLC, Washington, DC
Maximum Engineering Fee: SPSF Utilization:	\$5,000,000.00 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 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: 2013 Statewide Maintenance Consultant Services
Firm: SEPI Engineering & Construction, Inc., Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Six (6) month time extension only
SPSF Utilization: 0%

Description of Work: 2013 Statewide Maintenance Consultant Services
Firm: Volkert, Inc., Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Six (6) month time extension only
SPSF Utilization: 0%

Deputy Chief Engineer

Materials & Tests

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: Assessments of Hot Mix Asphalt Quality Control and Quality Assurance Technicians
Firm: Volkert, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Supplemental Fee: \$ 800,000.00
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 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 NCTA Toll Operations LSC
3449

Firm:	HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Asset Management Associates, PLLC \$200,000.00 20%

Planning & Programming

Feasibility Studies

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:	2015 Feasibility Studies LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of Work:	2015 Feasibility Studies LSC
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of Work:	2015 Feasibility Studies LSC
Firm:	CDM Smith, Inc., Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of Work:	2015 Feasibility Studies LSC
Firm:	RS&H, Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of Work:	2015 Feasibility Studies LSC
Firm:	ICA Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of Work:	2015 Feasibility Studies LSC
Firm:	Davenport, Winston-Salem, NC
Original Engineering Fee:	\$200,000.00
Supplemental Fee:	\$100,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	2015 Feasibility Studies LSC
Firm:	Parsons Brinckerhoff, Inc., Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%
Description of Work:	2015 Feasibility Studies LSC
Firm:	Stantec Consulting Services, Inc., Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%
Description of Work:	2015 Feasibility Studies LSC
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%
Description of Work:	2015 Feasibility Studies LSC
Firm:	VHB Engineering NC, PC, Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%
Description of Work:	2015 Feasibility Studies LSC
Firm:	Hatch Mott MacDonald I&E, LLC, Fuquay-Varina, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%
Description of Work:	2015 Feasibility Studies LSC
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Original Engineering Fee:	\$200,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Approval - Secondary Road Improvement Projects (Highway and Trust Funds)

The Board concurred with the staff recommendations and delegated authority to the Secretary to award the following:

County	SR No./ Road Name	Description	Amount
Brunswick Div. 3	SR 1154 Duck Pond Road	GDB&P. Increase Funds. WBS 3C.010067	\$340,558.82
Brunswick Div. 3	SR 1525 Bethel Road	GDB&P. Increase Funds. WBS 3C.010070	\$125,000.00
Brunswick Div. 3	SR 1945 Star Cross Road	GDB&P. Increase Funds. WBS 3C.010077	\$260,000.00
Onslow Div. 3	SR 1938 Quaker Bridge Road	GDB&P. Increase Funds. WBS 3C.067078	\$17,000.00
Sampson Div. 3	SR 2000 Keith Road	GDB&P. Increase Funds. WBS 3C.082064	\$190,000.00
Vance Div. 5	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 5C.091038	\$31,708.93
Bladen Div. 6	SR 1310 Pone Loop Road	GDB&P. Establish Funds WBS 6C.009075	\$15,000.00
Alamance Div. 7	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 7C.001019	\$20,933.18
Orange Div. 7	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 7C.068017	\$107,953.39
Chatham Div. 8	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 8C.019034	\$942.44
Moore Div. 8	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Safety Projects, Etc. Increase Funds. WBS 8C.063019	\$575,531.12
Moore Div. 8	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 8C.063028	\$132.72
Randolph	Various	Spot Improvements, Spot Stabilization, Paved Road	\$12,651.28

Div. 8		Improvements, Safety Projects, Etc. Increase Funds. WBS 8C.076021	
Randolph Div. 8	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 8C.076022	\$14,163.49
Richmond Div. 8	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Safety Projects, Etc. Increase Funds. WBS 8C.077011	\$63,264.48
Davidson Div. 9	SR 2452 Floyd Street	GDB&P. Increase Funds. WBS 9C.029103	\$69,504.04
Davie Div. 9	SR 1307 Ijames Church Road	SIP. Increase Funds. WBS 9C.0300071	\$61,308.15
Forsyth Div. 9	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Safety Projects, Etc. Increase Funds. WBS 9C.034018	\$134,164.32
Rowan Div. 9	SR 1753 Centenary Church Road	Widen, Drain & Pave. Increase Funds. WBS 9C.080118	\$116,315.50
Stanly Div. 10	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 10C.084015	\$9,458.43
Union Div. 10	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 10C.090030	\$20,372.18
Alleghany Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.003011	\$255,706.21
Alleghany Div. 11	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 11C.003013	\$2,253.41
Ashe Div. 11	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 11C.005035	\$31,172.95
Ashe Div. 11	SR 1666 WA Reed Road	GDB&P. Increase Funds. WBS 11C.005128	\$120,000.00
Ashe	SR 1111	GDB&P.	\$410,000.00

Div. 11	Big Flatts Church Road	Increase Funds. WBS 11C.005138	
Avery Div. 11	SR 1349 West Fork Road	GDB&P. Increase Funds. WBS 11C.006024	\$61,123.41
Avery Div. 11	SR 1318 McGuire Road	GDB&P. Increase Funds. WBS 11C.006047	\$15,000.00
Caldwell Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.014020	\$6,868.00
Caldwell Div. 11	SR 1222 Greenwood Road	GDB&P. Increase Funds. WBS 11C.014092	\$15,000.00
Surry Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.086021	\$170,390.12
Watauga Div. 11	SR 1128C Andy Hicks Road	GDB&P. Increase Funds. WBS 11C.095094	\$2,000.00
Watauga Div. 11	SR 1331B Roby Green Road	GDB&P. Increase Funds. WBS 11C.095101	\$45,681.63
Watauga Div. 11	SR 1137 Justus Road	GDB&P. Increase Funds. WBS 11C.095108	\$15,000.00
Watauga Div. 11	SR 1324 Chestnut Grove Road	GDB&P. Increase Funds. WBS 11C.095113	\$15,000.00
Wilkes Div. 11	SR 1305 Hackett Town Road	GDB&P. Increase Funds. WBS 11C.097152	\$730,000.00
Buncombe Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 13C.011024	\$68,873.87
Burke Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 13C.012015	\$104,254.18
McDowell Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 13C.059015	\$4,135.27

Mitchell Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.061015	\$9,321.79
Rutherford Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 13C.081011	\$71,749.57
Rutherford Div. 13	SR 1817 LB Harris Road	GDB&P. Increase Funds. WBS 13C.081113	\$10,000.00
Haywood Div. 13	SR 1338A White Oak Road	GDB&P. Increase Funds. WBS 14C.044101	\$9,714.72
Jackson Div. 14	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 14C.050059	\$136,233.98
Swain Div. 14	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 14C.087016	\$277,342.52
Swain Div. 14	SR 1140 Alarka Road	Widening & Drainage Improvements. Increase Funds. WBS 14C.087051	\$361,899.34
Closings			
Alamance Div. 7	VFD	Construct Driveway, Altamahaw-Ossippee VFD.. Increase and Close. WBS 7C.001135	\$687.50
Chatham Div. 8	SR 2169 Zeb Ferguson Road	GDB&P. Increase and Close. WBS 8C.019114	\$77,893.04
Moore Div. 8	VFD	Pave Entrance to Glendon Carthage EMS/Fire Substation. Increase and Close. WBS 8C.063085	\$687.50
Mitchell Div. 13	SR 1266 Ledford Road	GDB&P. Increase and Close. WBS 13C.061073	\$4,453.54
Deletions			
Davidson Div. 9	SR 1727 Davidson Drive	GDB&P. Unavailable Right of Way. WBS 9C.029105	-\$135,000.00

June 2016 Item E Summary:

45	Projects to Increase Funds	Amount:	\$5,119,683.44
1	Projects to Establish Funds	Amount:	\$15,000.00
4	Projects to Increase and Close	Amount:	\$83,721.58
1	Projects to Delete	Amount:	-\$135,000.00

Approval – Division-wide Small Construction / Statewide Contingency projects

The Board concurred with the staff recommendations and delegated authority to the Secretary to award the following:

County	Description	Type	Amount
Div 1 Dare	Town of Manteo – WBS 44226 was established (06/14) for the extension of existing walking trail on Roanoke Island; Project in 2 sections; Project 1 consists of 950LF of stone trail connection and 145 LF of elevated wooden trail construction; Project 2 consists of 720 LF of stone trail construction and 60 LF of elevated wooden trail construction Increase funds	Small Construction TOTAL	 \$91,819.00 \$91,819.00
Div 1 Dare	Town of Southern Shores – Installation of new storm drainage culverts under NC-12 and construction of storm water retention basin in southeast quadrant of NC-12 and East Dogwood Ln Other funding: \$150,000 (Town) WBS 44788	Contingency Small Construction TOTAL	 \$100,000.00 \$50,000.00 \$150,000.00
Div 1 Martin	Town of Robersonville – Remove and replace curb & gutter, sidewalk, and masonry structures on NC-903 between Second St and South Railroad St WBS 44828	Small Construction TOTAL	 \$100,000.00 \$100,000.00
Div 2 Carteret	Curb and gutter repair on US-70 between Friendly Rd and 23rd St WBS 48122	Small Construction TOTAL	 \$42,000.00 \$42,000.00
Div 2 Carteret / Craven	Improvements at the CPLJ Railroad Crossing 722889M on NC-58 in Carteret County and at the CPLJ Railroad Crossing 722882P on SR 1756 in Craven County WBS 49024	Small Construction TOTAL	 \$75,053.00 \$75,053.00
Div 2 Lenoir	Lenoir County Economic Asset Mapping and Asset Inventory WBS 48121	Contingency TOTAL	 \$100,000.00 \$100,000.00

Div 3 Onslow	Installation of 5' wide concrete sidewalk along the south side of SR 1406 (Piney Green Rd) from the east side of the bridge at northeast creek to SR 1410 (Halltown Rd) for a length of approximately 1,170 ft WBS 44801	Small Construction _TOTAL	\$88,000.00 \$88,000.00
Div 4 Nash	City of Rocky Mount – WBS 40129 was established (04/09) to widen SR 1727 (Kingston Ave) to 3 lane curb and gutter from NC-97 to US-301 Bus Increase funds	Economic Development TOTAL	\$154,275.00 \$154,275.00
Div 5 Wake	Town of Rolesville – Complete missing sidewalk gap along E Young St from just north of US-401 Bypass (the Rolesville Bypass) to the existing sidewalk at Rolesville High School Other funding: (Town) WBS 44823	Small Construction TOTAL	\$250,000.00 \$250,000.00
Div 5 Wake	Town of Morrisville – Pave unpaved section of SR 1706 (Watkins Road) as part of the construction of the Wake Tech RTP campus WBS 44824	Small Construction TOTAL	\$242,593.25 \$242,593.25
Div 7 Alamance	City of Burlington – WBS 43671 was established (09/12) to widen WB SR 1301 (Boone Station Dr) for an exclusive right turn lane onto NB SR 1226 (University Dr) Increase funds	Small Construction TOTAL	\$48,182.84 \$48,182.84
Div 7 Alamance	Town of Elon – WBS 43830 was established (03/13) for Improvements for pedestrian crossing and construct curb & gutter along the west side of North Oak St between E Lebanon Ave (non-system) and E Haggard Ave Increase funds	Small Construction TOTAL	\$4,470.00 \$4,470.00
Div 7 Guilford	City of Greensboro – WBS 44231 was established (06/14) to install directional signs at various locations on Interstate and Primary routes in Greensboro for the Greensboro Science Center Increase & close	Small Construction TOTAL	\$3,836.52 \$3,836.52
Div 7 Guilford	Town of Oak Ridge – WBS 44414 was established (03/15) for the installation of curb and gutter along NE intersection of NC-150 and SR 2022 (Linville Rd) Increase funds	Small Construction TOTAL	\$41,649.33 \$41,649.33
Div 7 Guilford	Install two informational/directional signs on the east and west side of Greensboro along I-40 that provides	Small	

	visualization of an alternate route around Greensboro WBS 44816	Construction <hr/> TOTAL	\$80,000.00 <hr/> \$80,000.00
Div 8 Hoke	Pave driveway in front of new addition to Stonewall VFD located on NC-20 at intersection of SR 1449 (Hall Rd) WBS 44804	Public Access <hr/> _TOTAL	\$21,800.00 <hr/> \$21,800.00
Div 8 Moore	Closure of median crossovers along NC-2 (Midland Rd) from the traffic circle in Pinehurst to US-1 in Southern Pines WBS 44817	Small Construction <hr/> TOTAL	\$239,286.05 <hr/> \$239,286.05
Div 8 Randolph	Intersection improvements to widen radii at SR 2216 (Old Cedar Falls Rd) and SR 2215 (Henley Country Rd) WBS 44805	Public Access <hr/> TOTAL	\$17,000.00 <hr/> \$17,000.00
Div 9 Davidson	Installation of flashing caution light at the intersection of NC-8 and Gray Rd WBS 44820	Small Construction <hr/> TOTAL	\$51,000.00 <hr/> \$51,000.00
Div 9 Forsyth	City of Winston-Salem – Relocate pole mounted signal cabinets from Duke Energy poles at multiple locations WBS 44819	Small Construction <hr/> TOTAL	\$51,600.00 <hr/> \$51,600.00
Div 10 Cabarrus	City of Concord – Offsite road improvements related to a proposed new logistics facility on Fortune Dr WBS 44831	Public Access Econ Development <hr/> TOTAL	\$55,000.00 \$137,500.00 <hr/> \$192,500.00
Div 10 Cabarrus	Town of Harrisburg – Realignment of Saddle Creek at NC-49 WBS 44833	Public Access Econ Development <hr/> TOTAL	\$35,000.00 \$465,000.00 <hr/> \$500,000.00
Div 10 Mecklenburg	Town of Mint Hill – Traffic signal and monolithic islands at NC-218 and the I-485 inner ramp terminus WBS 44825	Small Construction <hr/> TOTAL	\$50,000.00 <hr/> \$50,000.00

Div 10 Stanly	Town of Oakboro – WBS 43909 was established (08/13) for the realignment of NC-205 across from NC-138 at its intersection with NC-742 and signalize intersection Increase funds	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 10 Union	Town of Marshville – WBS 3610.3.07 was established (08/14) for the installation of sidewalk on White St Increase funds	Small Construction <hr/> TOTAL	\$18,571.43 <hr/> \$18,571.43
Div 10 Union	Pave a section of SR 3689 (Lochaven Rd) and correct drainage issue WBS 44826	Small Construction <hr/> TOTAL	\$30,000.00 <hr/> \$30,000.00
Div 11 Alleghany	Town of Sparta – WBS 44153 was established (03/14) for milling, paving, drainage improvements, curb & gutter, and sidewalk along NC-18 from Alleghany St to Grayson St Increase funds	Small Construction <hr/> TOTAL	\$149,000.00 <hr/> \$149,000.00
Div 11 Avery	WBS 43891 was established (06/13) for the installation of curb & gutter, sidewalk, curb ramps, and drainage along US-19E from Cranberry Middle School to the nearest corner of the Old Cranberry High School field Increase funds	Small Construction <hr/> TOTAL	\$37,000.00 <hr/> \$37,000.00
Div 11 Caldwell	Construct access for Patterson VFD Satellite Station at the intersection of US-321 and SR 1371 (Waterfalls Rd) WBS 44782	Public Access <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00
Div 11 Wilkes	WBS 44479 was established (06/15) to realign driveways along NC-268 in the area of SR 2330 (Riddle Rd) Increase funds	Small Construction <hr/> TOTAL	\$30,570.58 <hr/> \$30,570.58
Div 11 Yadkin	Town of Boonville – WBS 44462 was established (06/15) for widening, drainage improvements, and improve radii on SR 1367 (River Rd) near NC-67 (East Main St) in Boonville to provide truck access to a new facility Increase funds	Small Construction <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 12 Catawba	WBS 44152.3.1 was established (04/14) to install a left turn lane on the SB SR 1491 (Section House Rd) approach and realign/rework SR 1492 (Sipe Rd) at the intersection to improve the skew angle (SS-4912BC) Increase funds	Small Construction <hr/> TOTAL	\$45,386.32 <hr/> \$45,386.32

Div 12 Catawba	City of Claremont – WBS 44478 was established (06/15) for intersection improvement at the intersection of SR 1715 (North Oxford St) and SR 2438 (Centennial Blvd) Increase funds	Small Construction <hr/> TOTAL	\$125,000.00 <hr/> \$125,000.00
Div 12 Cleveland	Town of Boiling Springs – WBS 43943 was established (10/13) for resurfacing and roadway improvements to SR 2515 (Stadium Dr) on the campus of Gardner Webb University. Curb & gutter and sidewalk will also be added along roadway Increase & close	Small Construction <hr/> TOTAL	\$8,185.11 <hr/> \$8,185.11
Div 12 Lincoln	City of Lincolnton – Construct sidewalk on NC-27 (East Main St) bridge over US-321 Other funding: CMAQ and Municipal Match via C-5532 WBS 44818	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 13 Buncombe	Installation of sidewalk, curb ramps, and pedestrian crossing along US-19/23 from the I-40 exit 44 off ramp to SR 1245 (Acton Circle) WBS 44830	Small Construction <hr/> TOTAL	\$138,428.00 <hr/> \$138,428.00
Div 13 Mitchell	Town of Spruce Pine – Resurface Harris St (City street) for 0.46 miles extending from Greenwood Rd to SR 1277 (Laurel Creek Court) Other funding: \$46,500 (Town) WBS 44800	Small Construction <hr/> TOTAL	\$59,175.00 <hr/> \$59,175.00
Div 13 Yancey	Pave unpaved portion of access to bays at Double Island VFD Station 1 on SR 1308 (Double Island Rd) WBS 44802	Public Access <hr/> TOTAL	\$4,532.00 <hr/> \$4,532.00
Div 19 Statewide	Established for paving drives from state maintained roads to bay doors of fire and rescue facilities [N.C.G.S. 136-18(24)] WBS 72.1000	Public Access <hr/> TOTAL	\$400,000.00 <hr/> \$400,000.00
Div 19 Statewide	Established for paving school bus drives and stabilizing bus parking areas at public schools [N.C.G.S. 136-18(17)] WBS 72.2000	Public Access <hr/> TOTAL	\$600,000.00 <hr/> \$600,000.00

Summary:	Number of Projects	40
	Number of Divisions	12
	Small Construction Commitment	\$2,400,806.43
	Public Access Commitment	\$1,158,332.00
	Contingency Commitment	\$700,000.00
	Economic Development	\$756,775.00
	TOTAL	\$5,015,913.43

Approval – Specific Spot Safety Improvement Projects

The Board concurred with the staff recommendations and delegated authority to the Secretary to award the following:

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Washington Co. Div. 1 SS-4901AV	WBS 44742.3.1 SR 1126 (Newland Road) at SR 1180 (B Canal Road). Initial construction funds are needed for intersection improvements. File 01-15-38455C	\$247,500.00
Greene/ Pitt Cos. Div. 2 SS-4902CC	WBS 44619.3.1 NC 903 between US 13/258 in Greene County and 415 feet south of SR 1114 (Roundtree Road) in Pitt County. \$18,900.00 in construction funds has previously been approved for pavement marking installation. Additional funds are needed due to an increase in construction costs. File 02-15-34994-1	\$1,600.00
Pitt Co. Div. 2 SS-4902CD	WBS 44743.3.1 SR 1523 (Whichard Road) at SR 1529 (Old Creek Road). Initial construction funds are needed for all-way stop installation, and pavement marking and signing improvements. File 02-15-37679C	\$9,000.00
Pitt/ Edgecombe Cos. Div. 2/4 SS-4902CE	WBS 44746.3.1 US 13/NC 11 between SR 1512 (Hollowell Road) in Pitt County and US 64 in Edgecombe County, and NC 11 near US 64. Initial construction funds are needed for rumble stripes and snowplowable reflectors installation. File 02-16-39085C	\$32,850.00
Wilmington/ New Hanover Co. Div. 3 SS-4903BI	WBS 43949.3.1 US 17 Business (Market Street) between SR 2734 (Marsh Oaks Drive)/SR 2290 (Mendenhall Drive) and SR 1455 (Porters Neck Road). \$399,000.00 in construction funds has previously been approved for conversion of a five-lane roadway to a median divided roadway. Additional funds are needed due to an	\$22,850.99

	increase in construction costs. File 03-13-24242-1	
New Hanover Co. Div. 3 SS-4903CI	WBS 44744.3.1 SR 1336 (Sidbury Road) and SR 1318 (Blue Clay Road). Initial construction funds are needed for signing and pavement marking improvements. File 03-15-38844C	\$1,992.00
Onslow Co. Div. 3 SS-4903CJ	WBS 44745.3.1 SR 1324 (Ramsey Road) and SR 1327 (Kellum Loop Road). Initial construction funds are needed for signing and pavement marking improvements. File 03-15-38845C	\$1,350.00
Onslow Co. Div. 3 SS-4903CK	WBS 44747.3.1 SR 1203 (Ben Williams Road) between SR 1204 and SR 1213. Initial construction funds are needed for pavement marking improvements. File 03-16-38850C	\$72,000.00
Nash Co. Div. 4 SS-4904DS	WBS 44813.3.1 US 301 at Tyler Drive (entrance to NC Wesleyan College) and Honeywell Corp. Initial construction funds are needed for traffic signal revisions and pavement marking improvements. File 04-16-40524C	\$13,000.00
Goldsboro/ Wayne Co. Div. 4 SS-4904DQ	WBS 44748.3.1 US 13/70 west of SR 1565 (Cuyler Best Road/Spence Avenue) and east of US 70 Business (Grantham Street). Initial construction funds are needed for guardrail improvements. File 04-15-37086C	\$36,000.00
Wayne Co. Div. 4 SS-4904DR	WBS 44749.3.1 NC 111 between the Duplin County Line and SR 1710 (Old Hwy 111). Initial construction funds are needed for curve warning, signing, and pavement marking improvements. File 04-14-31783C	\$225,900.00
Durham/ Durham Co. Div. 5 SS-4905DK	WBS 44814.2.1 NC 98 (Wake Forest Highway) at Nichols Farms Drive and Oak Grove Parkway. Initial right of way and utilities funds are needed for traffic signal installation. File 05-15-5180R	\$4,500.00
Durham/ Durham Co. Div. 5 SS-4905DK	WBS 44814.3.1 NC 98 (Wake Forest Highway) at Nichols Farms Drive and Oak Grove Parkway. Initial construction funds are needed for traffic signal installation. File 05-15-5180C	\$121,500.00
Wake Forest/ Wake Co.	WBS 44750.3.1 US 1 at NC 98 Southbound On Ramp. Initial construction funds	\$9,000.00

Div. 5 SS-4905DH	are needed for actuated flasher installation. File 05-16-9347C	
Morrisville/ Wake Co. Div. 5 SS-4905DI	WBS 44751.2.1 NC 54 at SR 1002 (Aviation Parkway)/SR 3014 (Morrisville Carpenter Road). Initial right of way and utilities funds are needed for overhead lighting, and pavement marking and delineation improvements. File 05-16-9346R	\$18,000.00
Morrisville/ Wake Co. Div. 5 SS-4905DI	WBS 44751.3.1 NC 54 at SR 1002 (Aviation Parkway)/SR 3014 (Morrisville Carpenter Road). Initial construction funds are needed for overhead lighting, and pavement marking and delineation improvements. File 05-16-9346C	\$99,000.00
Raleigh/ Wake Co. Div. 5 SS-4905DJ	WBS 44752.3.1 US 401 at Valley Stream Drive/Dansey Drive. Initial construction funds are needed for traffic signal revisions. File 05-16-9349C	\$22,500.00
Fayetteville/ Cumberland Co. Div. 6 SS-4906CN	WBS 44753.3.1 US 401 (Raeford Road) between Wildwood Drive and US 401 (Skibo Road). Initial construction funds are needed for channelization improvements File 06-15-36444C	\$76,500.00
Cumberland Co. Div. 6 SS-4906CP	WBS 44755.3.1 SR 1007 (All-American Freeway), 550 feet northwest of Walter Reed Road and Owen Drive. Initial construction funds are needed for crash attenuator installation. File 06-16-38857C	\$31,500.00
Robeson Co. Div. 6 SS-4906CO	WBS 44754.2.1 SR 1340 (Prospect Road) at SR 1515 (St. Anna); SR 2204 (Lovette Road) at SR 2207 (Popes Crossing Road); and SR 1713 (Davis Bridge Road) at SR 1710 (Glenn Road). Initial right of way and utilities funds are needed for all-way stop installations and channelization improvements. File 06-16-39055R	\$1,800.00
Robeson Co. Div. 6 SS-4906CO	WBS 44754.3.1 SR 1340 (Prospect Road) at SR 1515 (St. Anna); SR 2204 (Lovette Road) at SR 2207 (Popes Crossing Road); and SR 1713 (Davis Bridge Road) at SR 1710 (Glenn Road). Initial construction funds are needed for all-way stop installations and channelization improvements. File 06-16-39055C	\$63,900.00
Alamance Co. Div. 7 SS-4907BQ	WBS 44757.2.1 SR 1005 (Greensboro-Chapel Hill Road) at SR 2369 (Sylvan School Road) and SR 2371 (Pleasant Hill Road). Initial right of way and utilities funds are needed for intersection	\$22,500.00

	improvements, rumble strips, and all-way stop with flashers installation. File 07-16-362R	
Alamance Co. Div. 7 SS-4907BQ	WBS 44757.3.1 SR 1005 (Greensboro-Chapel Hill Road) at SR 2369 (Sylvan School Road) and SR 2371 (Pleasant Hill Road). Initial construction funds are needed for intersection improvements, rumble strips, and all-way stop with flashers installation. File 07-16-362C	\$153,000.00
Guilford Co. Div. 7 SS-4907BP	WBS 44756.3.1 NC 150 at SR 2819 (McLeansville Road)/US 29 On Ramp. Initial construction funds are needed for traffic signal installation. File 07-16-364C	\$50,400.00
Chatham Co. Div. 8 SS-4908BB	WBS 44807.3.1 SR 1731 (O'Kelly Chapel Road) between NC 751 and SR 1732 (Pittard Sears Road). Initial construction funds are needed for rumble strips installation. File 08-16-0149C	\$62,000.00
Davidson Co. Div. 9 SS-4909BO	WBS 44758.3.1 NC 109 at SR 2093 (Ben Lee Road). Initial construction funds are needed for left turn lane and actuated flasher installations, and pavement marking improvements. File 09-16-424C	\$308,250.00
Thomasville/ Davidson Co. Div. 9 SS-4909BP	WBS 44808.3.1 NC 109 at SR 2067 (Lambeth Road). Initial construction funds are needed for left turn lane installations and pavement marking improvements. File 09-13-788C	\$247,500.00
Cabarrus Co. Div. 10 SS-4910CF	WBS 44761.3.1 SR 2446 (Mt. Olive Road) near SR 2416 (Sansbury Road). Initial construction funds are needed for curve improvements. File 10-16-210C	\$135,000.00
Huntersville/ Mecklenburg Co. Div. 10 SS-4910CE	WBS 44760.3.1 SR 2136 (Gilead Road) and Huntersville Square Entrance/Bayshore Plaza Entrance. Initial construction funds are needed for channelization improvements. File 10-16-215C	\$11,250.00
Stanly Co. Div. 10 SS-4910CH	WBS 44809.3.1 SR 1134 (Millingport Road) between SR 1206 (5 Point Road) and SR 1225 (Old Mill Road); SR 1206 (5 Point Road) between SR 1231 (Rowland Road) and SR 1227 (Ridgecrest Road). Initial construction funds are needed for curve improvements and guardrail installation. File 10-16-213C	\$229,680.00

Unionville/ Union Co. Div. 10 SS-4910CD	WBS 44759.2.1 US 601 and SR 1004/1612 (Lawyers Road). Initial right of way and utilities funds are needed for traffic signal installation. File 10-15-210R	\$22,500.00
Unionville/ Union Co. Div. 10 SS-4910CD	WBS 44759.3.1 US 601 and SR 1004/1612 (Lawyers Road). Initial construction funds are needed for traffic signal installation. File 10-15-210C	\$45,000.00
Union Co. Div. 10 SS-4910CG	WBS 44762.3.1 SR 1367 (Unionville Indian Trail Road) and SR 1504 (Ridge Road) near Unionville. Initial construction funds are needed for all-way stop installation. File 10-16-214C	\$9,900.00
Jefferson/ Ashe Co. Div. 11 SS-4911AK	WBS 44763.2.1 US 221 Business/East Main Street at SR 1664 (Hospital Avenue). Initial right of way and utilities funds are needed for intersection improvements. File 11-14-206R	\$4,500.00
Jefferson/ Ashe Co. Div. 11 SS-4911AK	WBS 44763.3.1 US 221 Business/East Main Street at SR 1664 (Hospital Avenue). Initial construction funds are needed for intersection improvements. File 11-14-206C	\$166,500.00
Avery Co. Div. 11 SS-4911AM	WBS 44765.2.1 SR 1153 near Rabbit Hill Lane. Initial right of way and utilities funds are needed for guardrail installation. File 11-16-201R	\$1,800.00
Avery Co. Div. 11 SS-4911AM	WBS 44765.3.1 SR 1153 near Rabbit Hill Lane. Initial construction funds are needed for guardrail installation. File 11-16-201C	\$27,000.00
Granite Falls/ Caldwell Co. Div. 11 SS-4911AL	WBS 44764.2.1 US 321 and SR 1109 (Pinewood Road). Initial right of way and utilities funds are needed for left turn lanes and pedestrian crosswalk installation. File 11-16-200R	\$45,000.00
Granite Falls/ Caldwell Co. Div. 11 SS-4911AL	WBS 44764.3.1 US 321 and SR 1109 (Pinewood Road). Initial construction funds are needed for left turn lanes and pedestrian crosswalk installation. File 11-16-200C	\$135,000.00

Boone/ Watauga Co. Div. 11 SS-4911AN	WBS 44810.2.1 SR 1602 (Fairway Drive) from US 321 to SR 1636 (Kellwood Lane). Initial right of way and utilities funds are needed for guardrail, pavement markings, and signing improvements. File 11-15-205R	\$900.00
Boone/ Watauga Co. Div. 11 SS-4911AN	WBS 44810.3.1 SR 1602 (Fairway Drive) from US 321 to SR 1636 (Kellwood Lane). Initial construction funds are needed for guardrail, pavement markings, and signing improvements. File 11-15-205C	\$85,500.00
Wilkes Co. Div. 11 SS-4911W	WBS 43630.2.1 US 421 Business/NC 115 at SR 2318 (Old 60). \$134,336.42 in right of way and utilities funds has previously been approved for turn lane construction. Additional funds are needed due to an increase in right of way and utilities costs. File 11-11-202-1	\$130,000.00
Catawba Co. Div. 12 SS-4912BW	WBS 44811.2.1 SR 1124 (Old Shelby Road) just south of Bridge #41; and SR 1128 (Mountain Grove Road) just west of SR 1127 (Machine Shop Road). Initial right of way and utilities funds are needed for guardrail installation. File 12-14-212R	\$4,500.00
Catawba Co. Div. 12 SS-4912BW	WBS 44811.3.1 SR 1124 (Old Shelby Road) just south of Bridge #41; and SR 1128 (Mountain Grove Road) just west of SR 1127 (Machine Shop Road). Initial construction funds are needed for guardrail installation. File 12-14-212C	\$61,200.00
Gastonia/ Gaston Co. Div. 12 SS-4912BV	WBS 44766.3.1 US 74 at SR 2329 (Main Street/Redbud), and US 74 at SR 2339 (Church/Schlotzky's Deli Drive). Initial construction funds are needed for left turn lanes revisions. File 12-15-200C	\$117,000.00
Asheville/ Buncombe Co. Div. 13 SS-4913CE	WBS 44768.2.1 NC 280 (Airport Road) from SR 3568 to Birch Circle. Initial right of way and utilities funds are needed for pedestrian signals, crosswalks, and sidewalk installation at six existing traffic signals. File 13-16-204R	\$1,800.00
Asheville/ Buncombe Co. Div. 13 SS-4913CE	WBS 44768.3.1 NC 280 (Airport Road) from SR 3568 to Birch Circle. Initial construction funds are needed for pedestrian signals, crosswalks, and sidewalk installation at six existing traffic signals. File 13-16-204C	\$337,500.00

Rutherfordton/ Rutherford Co. Div. 13 SS-4913CD	WBS 44767.2.1 US 74 Alt. (Railroad Avenue) at East 2nd Street. Initial right of way and utilities funds are needed for pedestrian actuated flasher, high visibility crosswalk, and sidewalk installation. File 13-16-203R	\$1,800.00
Rutherfordton/ Rutherford Co. Div. 13 SS-4913CD	WBS 44767.3.1 US 74 Alt. (Railroad Avenue) at East 2nd Street. Initial construction funds are needed for pedestrian actuated flasher, high visibility crosswalk, and sidewalk installation. File 13-16-203C	\$30,600.00
Yancey Co. Div. 13 SS-4913CF	WBS 44812.2.1 NC 197 at SR 1336 (Toe River Road) near Green Mountain. Initial right of way and utilities funds are needed for guardrail installation. File 13-16-200R	\$900.00
Yancey Co. Div. 13 SS-4913CF	WBS 44812.3.1 NC 197 at SR 1336 (Toe River Road) near Green Mountain. Initial construction funds are needed for guardrail installation. File 13-16-200C	\$5,400.00
Haywood Co. Div. 14 SS-4914CM	WBS 44770.3.1 US 74 Eastbound Loop Ramp onto I-40 Westbound (Exit 27) near Clyde. Initial construction funds are needed for dynamic curve warning system installation. File 14-16-205C	\$135,000.00
Jackson Co. Div. 14 SS-4914CN	WBS 44771.2.1 SR 1359 (River Road) from US 23-441 to NC 116 near Sylva. Initial right of way and utilities funds are needed for guardrail installation. File 14-16-203R	\$9,000.00
Jackson Co. Div. 14 SS-4914CN	WBS 44771.3.1 SR 1359 (River Road) from US 23-441 to NC 116 near Sylva. Initial construction funds are needed for guardrail installation. File 14-16-203C	\$90,000.00
Transylvania Co. Div. 14 SS-4914CL	WBS 44769.2.1 SR 1207 (Barclay Road) from US 276 to SR 1113 (South Country Club Road) near Brevard. Initial right of way and utilities funds are needed for guardrail installation. File 14-15-221R	\$900.00

ITEM L SUMMARY

57 PROJECTS

\$3,920,207.99

Action Items

Approval – 2016-2018 Biennial Budget, NCDEQ Division of Mitigation Services

A motion was made by Board Member Fountain, seconded by Board Member Hutchens, to approve the 2016-2018 Biennial Budget, NCDEQ Division of Mitigation Services. (Attachment 1)

Approval – Additions, Abandonments, and Road Name Changes to State Secondary Road System

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following proposed additions and abandonments to the State Secondary Road System:

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Camden	51066	0.20	Hatteras Colony Subdivision Christophers Way	4/18/16
Currituck	51067	0.09	Swan Haven Subdivision Ruddy Lane	4/25/15
Division 3				
New Hanover	51068	0.13	Vineyard Plantation Subdivision Shiraz Way	4/8/16
Onslow	51069	0.30	Buckhaven Subdivision Fawn Meadow Drive	3/30/16
Division 4				
Johnston	51070	0.14	Timberlake Subdivision Wylie Court	3/16/16
Johnston	51071	0.04 0.09 0.03 0.50 0.11 0.01 0.22 0.10 0.06	Summer Ridge Subdivision Summer Ridge Court Baldwin Ridge Court Clay Hill Court Pleasant Lane Jackson Ridge Court High Ridge Court N. Sunset Ridge Drive S. Sunset Ridge Drive Sunrise Ridge Drive	12/16/15
Nash	51072	0.37	Cooper Fields Subdivision Cooper Fields Drive	4/26/16
Wilson	51073	0.39 0.08	Nowell's Cove Subdivision Nowell Road Peggy Lane	3/23/16

Division 5				
Durham	51074		Carramore Subdivision	4/15/16
		0.23	Carramore Lane	
		0.06	Pointer Lane	
Granville	51075		Chesleigh Subdivision	4/15/16
		0.12	Bluebell Lane	
		0.14	Daisy Lane	
Wake	51076	0.74	Edwards mill Road, SR 3009 Ext.	3/17/16
Division 7				
Guilford	51077		Triad Business Park	4/20/16
		0.28	Old Greensboro Road, SR 1846 Ext.	
Guilford	51078		Brandon Station Subdivision	4/20/16
		0.44	Glenbrooke Drive	
Rockingham	51079		Gideon's Mill Subdivision	1/5/16
		0.11	Gideon's Mill Drive	
		0.06	Rolling Barley Court	
Division 8				
Chatham	51080		Briar Chapel Subdivision	3/21/16
		2.13	Briar Chapel Parkway	
		0.37	Hill Creek Boulevard	
		0.76	Great Ridge Parkway	
		0.31	Serenity Hill Circle South	
		0.27	Dark Forrest Drive	
		0.63	Serenity Hill Circle North	
		0.21	Saxapahaw Run	
		0.13	Pokeberry Bend Drive	
		0.16	Bennett Ridge Road	
		0.16	Owen Town Road	
		0.32	Bennett Mountain Trace	
		0.09	Summersweet Lane	
		0.42	Tobacco Farm Way	
		0.17	Groewood Lane	
		0.10	Kimbolton Place	
		0.10	Endoor Drive	
		0.14	Fallenwood Lane	
		0.08	Turtle Point Bend	
		0.12	Tabardy Mill Port	
		0.14	Tobacco Farm Lane	
		0.15	Harlow Bend	
		0.19	Saxapahaw Way	
Hoke	51081		Westgate Subdivision	2/23/16
		1.53	St. Johns Loop	
		0.04	Citation Court	
		0.40	Sedgefield Drive	
		0.08	Eclipse Court	
		0.02	Olstead Drive	

		0.52	Windover Drive	
		0.15	Randleman Drive	
		0.57	Collinwood Drive	
		0.13	Snipe Court	
Division 8				
Hoke	51081		Westgate Subdivision	2/23/16
		0.21	Brightwood Drive	
		0.22	Audubon Drive	
		0.21	Ivystone Drive	
		0.04	Whirlwind Court	
		0.18	Crestwood Lane	
		0.19	Bayleaf Drive	
		0.03	Emorywood Court	
		0.02	Sorrel Court	
		0.20	Stockbridge Drive	
Hoke	51082		Wedgefield Subdivision	2/22/16
		0.61	Wedgefield Drive	
		0.09	Pilot Avenue	
		0.09	Indigo Avenue	
		0.32	Fountain Grove Drive	
		0.31	Peaceford Avenue	
		0.04	Gumtree Drive	
		0.17	Carolina Drive	
Lee	51083		Doe Run Subdivision	3/31/16
		0.10	Doe Run Drive, SR 1484 Ext.	
		0.28	Buckroe Drive	
Division 9				
Davie	51084		Essex Farm Subdivision	4/15/16
		0.38	Essex Farm Road	
		0.06	Tyler Court	
Davie	51085		Indian Hills Mini Farms Subdivision	4/15/16
		0.09	Cherokee Trail	
Rowan	51086		Pinehaven Subdivision	3/30/16
		0.04	Pinehaven Drive	
Rowan	51087		Cherry Lane Estates Subdivision	3/30/16
		0.13	Elljoy Lane	
Rowan	51088		Archer Ridge Subdivision	3/15/16
		0.81	Arrow Point Lane	
		0.07	Lantana Court	
		0.07	Madras Court	
		0.07	Ridgeview Court	
Division 10				
Mecklenburg	51089		Royal Oaks Subdivision	4/11/16
		0.02	Old Maple Circle	
Division 11				
Caldwell	51090		Crystal Falls Estates Subdivision	3/9/16

		0.13	Crystal Falls Avenue	
		0.73	Rio de Luna	
		0.03	Luna Point	
		0.09	Crystal Cove place	
Division 12				
Lincoln	51091		Gates at Waterside Subdivision	4/12/16
		0.46	Brookdale Lane	
		0.16	Stableford Lane	
		0.04	W. Haley Court	
		0.05	Vanguard Court	
Lincoln	51092		Waterside Crossing Subdivision	4/12/16
		0.30	Waterside Loop Road	

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Gates	51093	0.17	SR 1339 Elementary School Drive	4/15/16
Northampton	51094	1.52	SR 1352 Princeton Farm Road	4/21/16
Northampton	51095	0.40	SR 1353 Will Stephenson Road	4/21/16
Division 5				
Franklin	51096	0.42	Portion of SR 1703 Bryant Road	4/11/16
Wake	51097	0.10	SR 1191 Technology Drive	5/10/16
Division 9				
Forsyth	51098	0.77	SR 2042 Graves Street	5/11/16

CORRECTIONS:

Division 10, Cabarrus County Petition Number 51063 should have been listed as Petition Number 51065.

Division 5, Wake County SR 4391, Kennington Park Drive should be Kenning Park Drive.

Division 7, Guilford County SR 2330, Simpson Calhoun Road is listed as 0.50 miles. The correct mileage should be 0.57 miles.

Division 8, Hoke County SR 1745, Northview Drive is listed as 0.10 miles. The correct length should be 0.26 miles.

Division 8, Lee County SR 1315, King Farm Road is listed as 0.80 miles. The correct length should be 1.27 miles.

Summary: Number of Roads Petitioned for Addition – 94
Number of Roads Petitioned for Abandonment – 6

Approval – Public Transportation

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following:

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)
TA-5180	Winston-Salem Transit Authority	Purchase of twelve (12) small, low-floor, light duty gasoline engine expansion buses for paratransit ADA Service	FBUS	5339	1,296						
			Local	L	229						
TA-4795A	Winston-Salem Transit Authority	Replacement Bus	5307	STPDA	3,600						
			Local	L	635						
TG-4805	Winston-Salem Transit Authority	Routine Capital – Bus Stop Shelters, benches, shop equip., spare parts, engines, farebox, service vehicles, etc.	5307	STPDA	500						
			Local	L	125						
TA-4785C	Charlotte Area Transit System	Replacement Bus – CMAQ Application # MU-10	5307	CMAQ	2,128						
			Local	L	532						
TA-5200	Chapel Hill Transit System	Bus Replacement Project (C-5605C)	5307	CMAQ		1,120					
			Local	L		280					
TA-4726A	Chapel Hill Transit System	Replacement Buses	5307	STPDA	720	973					
			Local	L	180	199					
TA-5199	Durham Area Transit Authority	Bus Replacement Project (C-5605B)	5307	CMAQ		1,120					
			Local	L		280					
TA-5201	Gastonia Transit System	Bus Replacement Project for Gastonia Express Mid-Day Route	5307	CMAQ	71						
			Local	L	19						
TO-5213	Gastonia Transit System	Operational Assistance for Gastonia Express Mid-Day Route (C-5606G)	5307	CMAQ	71						
			Local	L	79						
TA-5198	Piedmont Authority for Regional Transportation – Winston-Salem Urban Area (C-5620B)	Bus Replacement	5307	CMAQ	372						

			Local	L	93						
TT-5205	North Carolina Department of Transportation	Ferry Division will purchase and install Visuals Paging Systems on board five class ferry vessels	FNF	5317	53						
			State	S	13						

MODIFICATIONS 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-4752B	Goldsboro Wayne Transportation Authority	Preventive Maintenance	FUZ	5307	201	201	201	201	201	201	201
			Local	L	20	50	50	50	50	50	50
		CONTINUED			FY23						
			FUZ	5307	201						
			Local	L	50						
TG-4752C	Goldsboro Wayne Transportation Authority	Operating Assistance – ADA Paratransit Service	FUZ	5307	140	140	140	140	140	140	140
			Local	L	35	35	35	35	35	35	35
		CONTINUED			FY23						
			FUZ	5307	140						
			Local	L	35						
TG-4759	Greensboro Transit Authority	Preventive Maintenance	FUZ	5307	4,936	2,506	2,546	2,586	2,627	2,668	2,711
			Local	L	1,234	626	636	646	657	667	678
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	2,753	2,797	2,841				
			Local	L	688	699	710				
TG-4753	Greensboro Transit Authority	Preventive Maintenance & Passenger Amenities	FUZ	5307		84	84	84	84	84	84
			Local	L		21	21	21	21	21	21
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	84	84	84				
			Local	L	21	21	21				
TG-4957	Greensboro Transit Authority	Operating – ADA Paratransit	FUZ	5307	905	455	462	470	477	485	492
			Local	L	226	114	116	117	119	121	123
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	500	508	516				
			Local	L	125	127	129				
TG-5105	Greensboro Transit Authority	Routine Capital	FUZ	5307	94	52	53	54	55	55	56
			Local	L	23	13	13	13	14	14	14
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	57	58	60				

			Local	L	14	15	15				
TS-4758	Greensboro Transit Authority	Safety and Security	FUZ	5307	91	46	46	47	48	48	49
			Local	L	23	11	12	12	12	12	12
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	50	51	52				
			Local	L	13	13	13				
TG-4759	Greensboro Transit Authority	Preventive Maintenance	FUZ	5307	4,936	2,506	2,546	2,586	2,627	2,668	2,711
			Local	L	1,234	626	636	646	657	667	678
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	2,753	2,797	2,841				
			Local	L	688	699	710				
TO-4971	Greensboro Transit Authority	Operating – Fixed Route	FUZ	5307	2,986	1,243	1,263	1,283	1,303	1,324	1,345
			Local	L	2,986	1,243	1,263	1,283	1,303	1,324	1,345
			SMAP	S	1,628	1,628	1,628	1,628	1,628	1,628	1,628
			Local	L	1,628	1,628	1,628	1,628	1,628	1,628	1,628
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	1,366	1,387	1,409				
			Local	L	1,366	1,387	1,409				
			SMAP	S	1,628	1,628	1,628				
			Local	L	1,628	1,628	1,628				
TO-5209	Greensboro Transit Authority	Operating – Fixed Route	FUZ	5307		166	166	166	166	166	166
			Local	L		166	166	166	166	166	166
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	166	166	166				
			Local	L	166	166	166				
TA-4767	Greensboro Transit Authority	Replacement Paratransit Buses	FBUS	5339	960	457	464	471	478	485	493
			Local	L	240	114	116	118	120	121	123
		CONTINUED			FY23	FY24	FY25				
			FBUS	5339	500	508	515				
			Local	L	125	127	129				
TO-6139	Greensboro Transit Authority	Section 5310 Operating	FEPD	5310	98	49	50	51	52	52	53
			Local	L	98	49	50	51	52	52	53
		CONTINUED			FY23	FY24	FY25				
			FEPD	5310	54	55	56				
			Local	L	54	55	56				
TQ-7000	Greensboro Transit Authority	Section 5310 Program Administration	FEPD	5310	48	25	25	25	26	26	26
		CONTINUED			FY23	FY24	FY25				
			FEPD	5310	27	27	28				
TQ-6783	Greensboro Transit Authority	Section 5310 Capital Project	FEPD	5310	332	172	174	177	180	182	185

			Local	L	83	43	44	44	45	46	46
		CONTINUED			FY23	FY24	FY25				
			FEPD	5310	187	191	193				
			Local	L	47	48	48				
TM-5308	Greensboro Transit Authority	Transit Enhancement	FUZ	5307	46						
			Local	L	11						
TP-5101	Greensboro Transit Authority	Planning Assistance - 5303	FMPL	5303	141	141	141	141	141	141	141
			State	S	18	18	18	18	18	18	18
			Local	L	18	18	18	18	18	18	18
		CONTINUED			FY23	FY24	FY25				
			FMPL	5303	141	141	141				
			State	S	18	18	18				
			Local	L	18	18	18				

**ADMINISTRATIVE MODIFICATIONS 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)
TQ-9038	North Carolina Department of Transportation	5310 Capital Projects for Rural Areas and Small Urban Areas	FEPD	5310		2,580					
			State	S		323					
			Local	L		323					

Item I-1A, 28 Projects, Total Federal/State funds \$125,234,000

Approval – Aviation Program

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following:

**Division
Airport**

**Project Title
Project Description
[Partner Connect #]**

Division 2
Warren Field

RUNWAY 5-23 PAVEMENT REHABILITATION- OVERLAY DESIGN
(Design Only)
Design Overlay for Runway 5-23 to rehabilitate and strengthen existing pavement in order to accommodate aircraft up to 60,000 lb. The surface is exhibiting significant cracking resulting in a FOO issue on the airport. The Pavement Condition Index is 54 - Poor. [2999]

Division 3
Duplin County Airport

RUNWAY WIDENING FROM 75' TO 100' AND RUNWAY STRENGTHENING AND OVERLAY (Design/Bid Only)
Widen the existing 75' wide runway to 100' in order to meet System Plan Objectives and support corporate jet traffic. Project includes runway edge lights, LED REIL, LED windcone, and PLC Touchscreen. Overlay adds a 3" overlay on the runway increasing pavement strength to the recommended criteria in order to withstand regular operation of aircraft weighing 75,000 lbs. Project design is 95% complete. [2454/2455]

<p>Division 4 Rocky Mount - Wilson Airport</p>	<p>RUNWAY AND TAXIWAY OVERLAY (Design Only) Overlay of the existing runway, parallel taxiway, and connectors. The current runway needs to be strengthened and rehabilitated due to its current condition. Pavement Classification Number (PCN) is *40/F/B/X/T. Included in this work will be airfield markings. [2322/2323]</p>
<p>Division 5 Person County Airport</p>	<p>RUNWAY SAFETY AREA WIDENING (Design/Bid Only) Widen and grade the runway safety area along the full runway length to meet current standards for Category C aircraft. This includes relocating drainage structures and removing vegetation to provide a minimum 400' wide RSA. [2435]</p>
<p>Division 7 Rockingham County / NC Shiloh</p>	<p>APRON REHABILITATION (Design Only) Rehabilitation of apron pavement. The Pavement Condition Index is 65 - Fair. The asphalt General Aviation Apron has failed due to severe pavement distress and heaves caused by recent frost damage. [3512]</p>
<p>Division 8 Laurinburg - Maxton Airport</p>	<p>APRON REHABILITATION AND TAXILANE & CORPORATE HANGAR DEVELOPMENT (Design Only) Rehabilitation of a portion of the existing apron allowing aircraft to safely use the additional tiedowns and provide access to new hangars and includes site preparation, paving, and parking areas. The Pavement Condition Index of the Apron is 48 - Poor. [2860]</p>
<p>Division 9 Smith Reynolds Airport</p>	<p>REHABILITATE RUNWAY 4 (APPROX. 1,100 FT.) (Design Only) Rehabilitation of approximately 1,100 ft . of Runway 4 due to its deteriorated and poor condition. The Runway Pavement Condition Index was 69 - Fair. This project represents the final portion of the runway requiring rehabilitation. [3148]</p>
<p>Division 9 Smith Reynolds Airport</p>	<p>TERMINAL APRON RECONSTRUCTION (Grant Amendment 36237.26.13.4) Increased project costs associated with conditions encountered as a result of subsurface work and Federal Aviation Administration requirements.</p>
<p>Division 11 Charlotte-Monroe Executive Airport</p>	<p>APRON REHABILITATION (AREAS A/B/C) (Design Only) Rehabilitation of apron pavement. The Pavement Condition Index for the Apron A is 52- Poor. [2810]</p>
<p>Division 13 Rutherford County Airport</p>	<p>RUNWAY, TAXIWAY, AND APRON OVERLAY (Design/Bid Only) Overlay of pavement on the runway, taxiway and apron. The Pavement Condition Index (PCI) is 52 - Poor. Original runway pavement section was constructed in 1974 and the last overlay was done in 2002 . Original taxiway pavement section was constructed in 1982 and the last overlay was done in 2005. [2271]</p>
<p>Division 14 Jackson County Airport</p>	<p>RUNWAY RESTORATION PROJECT (Design Only) Reconstruction of the original pavement on the runway 33 end and involves repair to the original scarp and stabilization of the area. Improve the safety of the airport and potentially allows the airport to regain the original runway length. [2934]</p>

ITEM 1-4 SUMMARY - 11 PROJECTS - (TOTAL STATE, FEDERAL AND LOCAL COST) \$3,444,226

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

Approval of Specific State Funds for Construction Projects (For projects previously identified as Specific State Funds for Construction projects Now being funded under Strategic Transportation Investments)

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following:

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 F-5000 REGIONAL	WBS 41146.1.1 Cherry Branch Visitor's Center replacement. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,943.99). WBS will be closed. This is a Strategic Transportation Investments Transition project.	-\$9,943.99
Carrboro/ Orange Co. Div. 7 U-2803 DIVISION	WBS 34860.3.1 SR 1919 (Smith Level Road) from Rock Haven Road to Bridge No. 88 over Morgan Creek in Carrboro. \$5,729,911.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$115,000.00
Mecklenburg Co. Div. 10 U-5526 STATEWIDE	WBS 50081.1.TF1 US 74 (Independence Boulevard) from I-277 to I-485. \$1,745,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$230,000.00
Alleghany Co. Div. 11 R-4060 DIVISION	WBS 34605.1.2 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. \$1,269,771.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$215,000.00
Jackson Co. Div. 14 R-5000 DIVISION	WBS 41156.3.1 New location connector from NC 116 to NC 107 in Webster. \$16,509,043.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$465,000.00
Jackson Co. Div. 14 R-5206 DIVISION	WBS 42974.2.1 SR 1449 (Cope Creek Rd.) from SR 1710 (East Cope Creek Road) to US 23/74. \$1,490,000.00 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.	\$165,000.00

Statewide M-0360 STATEWIDE	WBS 36824.1.1 Design Services, statewide, preliminary engineering for miscellaneous projects. \$11,180,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. WBS will be closed.	\$148,141.91
Statewide M-0412 STATEWIDE	WBS 42061.3.1 I-95, Corridors of the Future Program. Interstate Maintenance Discretionary funds (IMD) for improvements to I-95 from Florida to Virginia. \$8,400,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$220,000.00
ITEM J SUMMARY	8 PROJECTS	\$1,548,197.92

Approval of State Highway Trust Funds - Strategic Transportation Investments

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following:

Board Member Dodson noted a conflict of interest on project B-5940 in Wake County.

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Bertie Co. Div. 1 B-5941 STATEWIDE	WBS 46480.1.1 Bridge # 7 over Roanoke River on NC 45/ NC 308. Initial funds are requested for preliminary engineering.	\$250,000.00
Currituck Co. Div. 1 B-5937 STATEWIDE	WBS 46479.1.1 Bridge # 16 over Currituck Sound on US 158. Initial funds are requested for preliminary engineering.	\$1,200,000.00
Dare Co. Div. 1 B-5943 STATEWIDE	WBS 46482.1.1 Bridge # 54 over Croatan Sound on US 64 Bypass. Initial funds are requested for preliminary engineering.	\$50,000.00
Hyde Co. Div. 1 B-5942 REGIONAL	WBS 46481.1.1 Bridge # 20 over Intracoastal Waterway on US 264. Initial funds are requested for preliminary engineering.	\$100,000.00
Northampton Co. Div. 1 R-5757 DIVISION	WBS 44709.1.1 NC 305 from Seaboard Town Limits to Hertford County Line. Initial funds are requested for preliminary engineering.	\$650,000.00

Northampton Co. Div. 1 R-5758 DIVISION	WBS 44682.1.1 US 258 from Halifax County Line to Rich Square Town Limits. Initial funds are requested for preliminary engineering.	\$50,000.00
Tyrrell Co. Div. 1 B-5936 STATEWIDE	WBS 46478.1.1 Bridge # 7 over Alligator River on US 64. Initial funds are requested for preliminary engineering.	\$825,000.00
Carteret Co. Div. 2 B-4863 DIVISION	WBS 40212.1.2 Replace bridges 73 and 96 over The Straits at Harkers Island on SR 1335. Initial funds are requested for preliminary engineering.	\$716,000.00
Carteret Co. Div. 2 B-5938 DIVISION	WBS 46483.1.1 Bridge # 68 over Bogue Sound on SR 1182 (Atlantic Beach Causeway). Initial funds are requested for preliminary engineering.	\$550,000.00
Carteret Co. Div. 2 B-5939 REGIONAL	WBS 46484.1.1 Bridge # 6 over Bouge Sound/Intracoastal Waterway on NC 58. Initial funds are requested for preliminary engineering.	\$275,000.00
Craven Co. Div. 2 F-5000 REGIONAL	WBS 41146.3.2 Cherry Branch Visitor's Center replacement. Additional funds are requested. This is a Strategic Transportation Investments Transition project.	\$125,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751WM STATEWIDE	WBS 40191.4.1 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$7,448,000.00 has previously been approved for wetland mitigation. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$195,000.00
New Hanover Co. Div. 3 U-5881 STATEWIDE	WBS 44695.1.1 NC 132 (College Road) from SR 2048 (Gordon Road) to SR 1272 (New Centre Drive). Initial funds are requested for preliminary engineering.	\$750,000.00
Vance Co. Div. 5 U-5890 DIVISION	WBS 44658.1.1 SR 1162 (Dabney Drive) from Coble Boulevard to US 158 Business in Henderson. Initial funds are requested for preliminary engineering.	\$200,000.00
Wake Co. Div. 5 B-5940 STATEWIDE	WBS 46485.1.1 US 70 / NC 50 (Glenwood Avenue). Rehabilitate Bridges # 84 and #91 over Crabtree Creek in Raleigh. \$75,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$75,000.00
Orange Co. Div. 7 U-5550	WBS 50154.3.2 US 15 / 501 (Fordham Boulevard) and SR 1742 (Ephesus Church Road) in Chapel Hill. Initial funds are requested for construction.	\$2,170,000.00

STATEWIDE		
Hoke Co.	WBS 50158.1.1	\$700,000.00
Div. 8	SR 1420 (Gillis Hill Road)/Gillis Hill Road Extension from	
U-5707	SR 1406 (Rockfish Road) to SR 1418 (Lindsay Road) near	
DIVISION	Fayetteville. Initial funds are requested for preliminary engineering.	
Forsyth Co.	WBS 44689.1.1	\$750,000.00
Div. 9	New route from Forum Parkway Connector from SR 3955 (Forum	
U-5899	Parkway) to NC 66 (University Parkway) in Rural Hall. Initial funds	
DIVISION	are requested for preliminary engineering.	
Rowan Co.	WBS 49012.1.2	\$300,000.00
Div. 9	I-85 from US 52 (Innes Street) and US 601 (Jake Alexander	
I-5505	Boulevard) Interchanges. Initial funds are requested for preliminary	
STATEWIDE	engineering.	
Kannapolis/ Cabarrus Co.	WBS 39010.1.R2	\$325,000.00
Div. 10	NC 3 from proposed West Side Bypass (Project U-2009) to	
U-3440	SR 1691 (Loop Road). \$2,755,000.00 has previously been	
REGIONAL	approved for preliminary engineering. Additional funds are	
	requested. This is a Strategic Transportation Investments	
	Transition project.	
Alleghany Co.	WBS 34605.2.1	\$122,072.70
Div. 11	US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to	
R-4060	US 21. \$25,000.00 has previously been approved for a specific	
REGIONAL/ DIVISION	parcel. Additional funds are needed to cover expenditures that	
	have exceeded the previously authorized budget. Additional funds	
	are requested using Division Tier funding. WBS will be closed.	
M-0479	WBS 46314.1.S1	\$180,000.00
STATEWIDE/RE GIONAL/ DIVISION	Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects. \$795,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. Additional funds are requested using 40% Statewide (\$72,000.00) / 30% Regional (\$54,000.00) / 30% Division (\$54,000.00) Tier funding.	
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	9 PROJECTS	\$5,815,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	4 PROJECTS	\$825,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	7 PROJECTS	\$3,616,000.00
STATEWIDE/REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$180,000.00
REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$122,072.70
STRATEGIC TRANSPORTATION INVESTMENTS	22 PROJECTS	\$10,558,072.70

**Approval of State Highway Trust Funds - Intrastate System
(For projects previously identified as Intrastate Trust Fund projects)**

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following:

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Camden/ Currituck Cos. Div. 1 R-2574 STATEWIDE	WBS 38802.1.1 US 158 from east of NC 34 at Belcross in Camden County to NC 168 in Currituck County. \$2,100,000.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a Strategic Transportation Investments Transition project.	\$200,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.1.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$7,840,302.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$235,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.2.1 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$48,650,000.00 has previously been approved for acquisition of specific parcels. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$4,300,000.00
Sampson Co. Div. 3 R-2303B STATEWIDE	WBS 34416.3.4 NC 24 from west of SR 1006 (Maxwell Road/Clinton Road) in Cumberland County to I-40 in Duplin County at Warsaw. \$1,550,860.00 has previously been approved for construction. Additional funds are requested to cover the expenditures that have exceeded the previously authorized budget. WBS will be closed. This is a Strategic Transportation Investments Transition project.	\$124,244.47
Forsyth/ Guilford Cos. Div. 7/9 R-2577 STATEWIDE	WBS 37405.1.1 US 158 from the four-lane roadway north of I-40 in Forsyth County to US 220 in Guilford County. \$2,219,434.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$115,000.00

TRUST FUND INTRASTATE SUMMARY	5 PROJECTS	\$4,974,244.47
STRATEGIC TRANSPORTATION INVESTMENTS	22 PROJECTS	\$10,558,072.70
TRUST FUND INTRASTATE SUMMARY	5 PROJECTS	\$4,974,244.47
SUMMARY OF FUNDS	27 PROJECTS	\$15,532,317.17

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

Approval - Funds for Specific Federal–Aid Projects

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following:

**Division 1
Surface Transportation**

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Currituck Co. R-2576 DIVISION	34470.1.TA1, BRSTP-000S(494) Mid-Currituck Bridge from Coinjock to Corolla. \$29,567,629.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate, utilizing Section 1702, Demo ID NC 159 High Priority Federal Funds designated for this project.	\$341,286.00 Cost \$273,029.00 Fed. \$68,257.00 State

Safety

Camden Co. W-5601BL REGIONAL	50138.1.65, HSIP-0017(151) US 17 at US 17 Business (Main Street). \$60,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$55,000.00 Cost \$49,500.00 Fed. \$5,500.00 State
Camden Co. W-5601BL STATEWIDE	50138.3.65, HSIP-0017(151) US 17 at US 17 Business (Main Street). \$490,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$215,000.00 Cost \$193,500.00 Fed. \$21,500.00 State
Divisionwide W-5601GY STATEWIDE	50138.3.208, HSIP-000S(847) Pavement marking / marker improvements at various locations. Construction funds are needed for safety improvements.	\$455,500.00 Cost \$409,950.00 Fed. \$45,550.00 State

High Priority

Elizabeth City/ Pasquotank Co. EB-4991 DIVISION	41829.3.F1, HPPSTP-0111(016) Elizabeth City Greenway from US 17 Bypass to Pritchard Street. \$315,808.00 has previously been approved for construction. Additional funds are needed for construction for 10-foot wide asphalt greenway trail (Halstead Boulevard Greenway Trail) utilizing Section 1702, Demo ID NC 88 High Priority Federal Funds designated for this project.	\$122,184.00 Cost \$97,747.00 Fed. \$24,437.00 Local
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Division 2 Urban

Pitt Co. U-5606 DIVISION	45834.1.1, STP-1598(003) SR 1598 (Dickinson Avenue) from NC 11 to SR 1610 (Reade Circle). \$1,139,433.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
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Bridge

Pitt Co. B-5100 DIVISION	42236.3.1, BRZ-0220(037) Replace Bridge #421 over Meeting House Branch on King George Road. Funds are needed for construction for bridge replacement.	\$1,150,000.00 Cost \$920,000.00 Fed. \$230,000.00 Local
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Safety

Jones Co. W-5601EU STATEWIDE	50138.3.152, HSIP-0017(157) US 17 guardrail end unit upgrades. Construction funds are needed for safety improvements.	\$77,100.00 Cost \$69,390.00 Fed. \$7,710.00 State
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Lenoir Co. W-5601ES REGIONAL	50138.3.150, HSIP-0011(034) NC 11 guardrail end unit upgrades. Funds are needed for construction for guardrail end unit upgrades.	\$269,900.00 Cost \$242,910.00 Fed. \$26,990.00 State
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Pitt Co. W-5601ET REGIONAL	50138.3.151, HSIP-0011(035) NC 11, US 13 / NC 11 - 903, guardrail end unit upgrades. Funds are needed for construction for guardrail end unit upgrades.	\$247,000.00 Cost \$222,300.00 Fed. \$24,700.00 State
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Bicycle and Pedestrian

Craven Co.	50017.3.FD1, STPEB-1309(011)	\$16,000.00 Cost
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EB-5501 DIVISION	SR 1309 (Glenburnie Road) from Elizabeth Avenue to NC 55 (Neuse Boulevard). \$500,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$12,800.00 Fed. \$3,200.00 State
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**Division 3
Enhancement**

Duplin Co. ER-5600CA REGIONAL	46305.1.18, STP-0332(063) US Highway 117 at the Faison Town Hall. Funds are needed for preliminary engineering.	\$8,500.00 Cost \$6,800.00 Fed. \$1,700.00 State
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Urban

Wilmington/ Brunswick Co. U-4738 REGIONAL	40114.1.2, STPNHF-0017(150) New route from US 17 to Independence Boulevard-Carolina Beach Road Intersection. \$1,709,858.00 has previously been approved for preliminary engineering. Additional funds are needed utilizing Section 1702, Demo ID NC 101 and NC 071 High Priority Federal Funds designated for this project.	\$406,299.00 Cost \$325,039.00 Fed. \$81,260.00 State
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Onslow Co. U-4007A(L) STATEWIDE	35008.2.FS9, STP-0017(147) US 17, SR 1702 (White Street Extension) from SR 1308 (Bell Fork Road) to east of SR 1470 (Western Boulevard). Funds are needed for construction for landscaping.	\$115,438.00 Cost \$92,350.00 Fed. \$23,088.00 State
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Onslow Co. U-4007B(L) STATEWIDE	35008.2.FS10, STP-0017(148) US 17 (Western Parkway) from SR 1403 (Country Club Road) to SR 1470 (Western Boulevard). Funds are needed for landscaping.	\$277,631.00 Cost \$222,105.00 Fed. \$55,526.00 State
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Brunswick Co. W-5203Q STATEWIDE	45333.3.17, HSIP-0017(133) US 17 at SR 1302 (Shingletree Road) and US 17 at SR 1167 (Persimmon Road). Construction funds are needed for safety improvements.	\$1,050,000.00 Cost \$945,000.00 Fed. \$105,000.00 State
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Onslow Co. W-5203X STATEWIDE	45333.1.FS24, HSIP-0017(138) US 17 (New Bern Highway) and SR 1407 (Wolf Swamp Road) and SR 1326 (Drummer Kellum Road). \$144,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$106,000.00 Cost \$95,400.00 Fed. \$10,600.00 State
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**Division 4
Urban**

Rocky Mount/ Nash Co. U-3330 REGIONAL	36596.1.2, STP-0301(028) US 301 Bypass from NC 43 / 48 (Benvenue Road) to SR 1836 (May Drive). \$1,400,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,250,000.00 Cost \$1,000,000.00 Fed. \$250,000.00 State
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Nash Co. U-3621A DIVISION	34964.1.2, STP-1604(008) SR 1604 (Hunter Hill Road) from SR 1613 (North Winstead Avenue) to SR 1616 (Country Club Road). \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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Bridge

Johnson B-4771 DIVISION	38543.1.1, BRZ-1200(006) Replace Bridge #11 over Mill Creek on SR 1201. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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Safety

Halifax Co. W-5601BU DIVISION	50138.3.74, HSIP-1434(005) SR 1434 (Sam Powell Dairy Road) between NC 48 in Roanoke Rapids and NC 48 south of Rheasville. Construction funds are needed for safety improvements.	\$395,000.00 Cost \$355,500.00 Fed. \$39,500.00 State
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Johnston Co. W-5204E DIVISION	45334.2.5, HSIP-1524(006) SR 1524 (Old Drug Store Road) from Fawn Hill Court to NC 50. Funds are needed for full right of way.	\$200,000.00 Cost \$180,000.00 Fed. \$20,000.00 State
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Rail Program

Halifax Co. Y-5500DB DIVISION	45533.1.5, RR-0042(069) Railway-Highway Grade Crossing Safety Project. Municipal crossing closure at the intersection of Carolina Avenue and the CSX Transportation Tracks in Weldon; Crossing #629 652L. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$25,000.00 Fed.
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High Priority

Wayne Co. U-3609 REGIONAL	39026.1.1, HPPSTP-0013(021) US 13 (Berkeley Boulevard) from SR 1003 (New Hope Road) to proposed US 70 Bypass in Goldsboro. \$703,354.00 has previously been approved for preliminary engineering. Additional funds are needed utilizing Section 1702, Demo ID NC 098 High Priority Federal Funds designated for this project.	\$30,066.00 Cost \$24,053.00 Fed. \$6,013.00 State
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Division 5 Interstate

Durham Co. I-5307B STATEWIDE	47030.3.3, IM-0540(035) I-540 Flyover Bridge over I-40 in Durham. Funds are needed for construction for modular joint replacements on Bridge # 342. This is a Strategic Transportation Investments Pre- Transition project.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State
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Congestion Mitigation

Raleigh/ Wake Co. C-5172 EXEMPT	46236.3.F1, CMS-0520(036) SR 1005 (Six Forks Road) from Coleridge Drive to Wake Forest Road. \$386,400.00 has previously been approved for construction. Additional funds are needed to construct a five foot sidewalk.	\$242,466.00 Cost \$121,233.00 Fed. \$121,233.00 Local
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Urban

Durham Co. U-3308 REGIONAL	34915.3.FR1, STP-0055(020) NC 55 (Alston Avenue) from NC 147 (Durham Freeway) to north of US 70 Business - NC 98 (Holloway Street). Widen to four lane divided facility from NC 147 to Main Street and replace Norfolk Southern Railroad Bridges. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$30,632,220.00 Cost \$24,505,776.00 Fed. \$6,126,444.00 State
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Bridge

Person Co. B-5327 DIVISION	46041.1.1, BRZ-1300(013) Replace Bridge #49 over South Hyco Creek on SR 1300. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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Safety

Durham Co. SS-4905DK REGIONAL	44814.1.1, HSIP-0098(033) NC 98 (Wake Forest Highway) at Nichols Farms Drive and Oak Grove Parkway. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Raleigh/ Wake Co. W-5601CG DIVISION	50138.3.86, HSIP-2000(010) SR 2000 (Wake Forest Road) at Creekside Crossing. Construction funds are needed for safety improvements.	\$113,000.00 Cost \$101,700.00 Fed. \$11,300.00 State

Division 6 Interstate

Robeson Co. I-5732 STATEWIDE	52009.3.FS1, NHPP-0074(182) I-74 from US 74 to 0.3 miles east of NC 710. Funds are needed for construction for pavement rehabilitation.	\$1,150,000.00 Cost \$920,000.00 Fed. \$230,000.00 State
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National Highway

Fayetteville/ Cumberland Co. U-2519CA STATEWIDE	34817.3.13, NHP-0620(031) Outer Loop from south of US 401 to south of SR 1400 (Cliffdale Road), (Combined with B-5516: Replace Bridge #14 over Lake Rim Runoff on SR 3569). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$81,900,000.00 Cost \$65,520,000.00 Fed. \$16,380,000.00 State
Fayetteville/ Cumberland Co. U-2519CA STATEWIDE	34817.2.7, NHP-0620(031) Outer Loop from south of US 401 to south of SR 1400 (Cliffdale Road), (Combined with B-5516: Replace Bridge #14 over Lake Rim Runoff on SR 3569). Funds are needed for right-of-way based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$8,380,000.00 Cost \$6,704,000.00 Fed. \$1,676,000.00 State

Urban

Cumberland Co. U-4405 DIVISION	39049.1.1, STPDA-0401(230) US 401 (Raeford Road) from west of Hampton Oaks Drive to east of Fairway Drive. \$1,450,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State
Cumberland	45833.1.1, STPDA-1600(013)	\$800,000.00 Cost

Co. U-5605 DIVISION	SR 4202 (Odell Road) from the Fort Bragg Boundary to NC 24/NC 87 (Bragg Boulevard). \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$640,000.00 Fed. \$160,000.00 State
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Bridge

Columbus Co. B-5332 DIVISION	46046.1.1, BRZ-1005(033) Replace Bridge #130 over Cedar Creek on SR 1005. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
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Cumberland Co. B-4950 DIVISION	40108.1.1, BRZ-1851(003) Replace Bridges #171 and #172 over the South River on SR 1851/SR 1426. \$162,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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Robeson Co. B-4616 REGIONAL	33798.1.1, BRSTP-211(016) Replace Bridge #18 over CSX Railroad on NC 211. \$372,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
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Safety

Robeson Co. W-5601GX STATEWIDE	50138.1.207, HSIP-0095(038) I-95 guardrail end unit upgrades. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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Rural

Columbus Co. R-5020 DIVISION	41499.1.1, NHS-0701(015) US 701 Bypass (Madison Street/Powell Boulevard) from south of SR 1166 (Pleasant Plains Road) to north of the US 74/76 Bypass in Whiteville. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State
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**Division 7
Interstate**

Gulilford Co. I-5789 STATEWIDE	53029.3.1, NHPIM-0085(3)117 I-85 from SR 1113 (Kivett Drive) to 0.4 mile north of I-85 Business in High Point (Combined with I-5738: I-85 from south of SR 1009 to north of SR 1912 (Lunar Drive) in Archdale); (Combined with I-5821: I-85 from Randolph County Line to 1 mile east of SR 1113 (Kivett Drive)). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$16,900,000.00 Cost \$13,520,000.00 Fed. \$3,380,000.00 State
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Urban

Mebane/ Alamance Co. U-3109A REGIONAL	34900.1.2, STP-0119(010) NC 119 relocation from I-40 / I-85 to north of SR 1921 (Mebane Rogers Road / Stage Coach Road). \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,200,000.00 Cost \$960,000.00 Fed. \$240,000.00 State
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Guilford Co. U-5169 REGIONAL	45220.1.2, NHS-0311(032) I-74/US 311 and NC 68 (Eastchester Drive) Interchange. \$700,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimates.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
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Orange Co. U-5550 STATEWIDE	50154.3.1, NHPP-0015(047) US 15 / 501 (Fordham Boulevard) and SR 1742 (Ephesus Church Road) in Chapel Hill. \$2,170,000.00 has previously been approved for construction. Funds to be reduced due to project being State Funded.	-\$2,170,000.00 Cost -\$1,736,000.00 Fed. -\$434,000.00 State
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**Division 8
Urban**

Moore Co. U-3628 REGIONAL	44672.1.1, STP-0024(078) NC 24 / NC 27 courthouse west of NC 22 (McNeill Street) to US 15 / 501. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
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Bridge

Hoke Co. B-4967 DIVISION	40158.3.1, BRZ-1203(002) Replace Bridge #8 over Lumber River on SR 1423 / SR 1203. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$1,650,000.00 Cost \$1,320,000.00 Fed. \$330,000.00 State
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Division 9 Safety

Davidson Co. SS-4909BP REGIONAL	44808.1.1, HSIP-0109(022) NC 109 at SR 2067 (Lambeth Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
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Division 10 Interstate

Mecklenburg Co. I-5960 STATEWIDE	44797.1.1, NHP-0485(044) I-485, from MM 35.8 to MM 39.7. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
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Mecklenburg Co. I-5961 STATEWIDE	44798.1.1, NHPP-0077(009) I-77 from West Trade Street to Iredell County Line. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 State
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Mecklenburg Co. I-5961 STATEWIDE	44798.3.1, NHPP-0077(009) I-77 from West Trade Street to Iredell County Line. Construction funds are needed for pavement rehabilitation.	\$2,365,000.00 Cost \$1,892,000.00 Fed. \$473,000.00 State
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Urban

Huntersville/ Mecklenburg Co. U-5908 EXEMPT	46453.1.1, STP-0115(009) Main Street, NC 115 (Old Statesville Road) / SR 2004 (Mount Holly-Huntersville Road) to south of Ramah Church Road. Funds are needed for preliminary engineering.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 Local
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Safety

Mecklenburg Co. W-5601EC DIVISION	50138.1.131, HSIP-1601(003) SR 1601 (Moores Chapel Road) at SR 1609 (Rhyne Road) near Charlotte. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
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Mecklenburg Co. W-5601FJ REGIONAL	50138.1.167, HSIP-0073(044) NC 73 (Davidson Concord Road) and SR 2427 (Ramah Church Road) near Huntersville. Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Mecklenburg Co. W-5601FL STATEWIDE	50138.1.169, HSIP-0077(007) I-77 / US 21 southbound ramp and SR 2047 (Trade Street). \$3,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
Mecklenburg Co. W-5601GT STATEWIDE	50138.3.203, HSIP-0485(043) I-485 Pavement Marking / Marker Improvements. Funds are needed for construction for pavement markings.	\$540,000.00 Cost \$486,000.00 Fed. \$54,000.00 State
Stanly Co. SS-4910CH DIVISION	44809.1.1, HSIP-1134(007) SR 1134 (Millingport Road) between SR 1206 (5 Point Road) and SR 1225 (Old Mill Road); SR 1206 (5 Point Road) between SR 1231 (Rowland Road) and SR 1227 (Ridgecrest Road). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

**Division 11
Bridge**

Avery Co. B-5383 DIVISION	46098.1.1, BRZ-1536(005) Replace Bridge #143 over the Linville River on SR 1536. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
Watauga Co. B-5118 DIVISION	42256.3.FD1, BRZ-1557(002) Replace Bridge #55 over Lance Creek on SR 1557. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State

Safety

Caldwell Co. W-5601FT STATEWIDE	50138.3.177, HSIP-0064(187) US 64 / NC 18 eastbound, westbound and southbound at the intersection of US 64 / NC 18 at SR 1145 (Virginia Street). Funds are needed for construction for safety improvements.	\$32,000.00 Cost \$28,800.00 Fed. \$3,200.00 State
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Divisionwide W-5601GU STATEWIDE/ REGIONAL	50138.1.204, HSIP-000S(843) Safety improvements at various locations. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
Divisionwide W-5601GV STATEWIDE/ REGIONAL	50138.1.205, HSIP-000S(845) Upgrade guardrail end units at various locations. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Surry Co. W-5601GW STATEWIDE/ REGIONAL	50138.1.206, HSIP-000S(844) Upgrade guardrail end units at various locations. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Watauga Co. SS-4911AN DIVISION	44810.1.1, HSIP-1602(004) SR 1602 (Fairway Drive) from US 321 to SR 1636 (Kellwood Lane). Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

**Division 12
Interstate**

Cleveland Co. R-2707 STATEWIDE	34497.1.2, NHF-0074(014) US 74 Bypass from existing US 74 west of Shelby to existing US 74 east of Shelby. \$16,012,213.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,200,000.00 Cost \$960,000.00 Fed. \$240,000.00 State
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Bridge

Iredell Co. B-5142 DIVISION	42303.3.FD1, BRZ-1302(041) Replace Bridge #57 over Cornelius Creek on SR 1302. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$2,850,000.00 Cost \$2,280,000.00 Fed. \$570,000.00 State
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Safety

Catawba Co. SS-4912BW DIVISION	44811.1.1, HSIP-1124(015) SR 1124 (Old Shelby Road) just south of Bridge #41 and SR 1128 (Mountain Grove Road) just west of SR 1127 (Machine Shop Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Lincoln Co. W-5601Q REGIONAL	50138.1.FR18, HSIP-0016(060) NC 16 Business at SR 1394 (North Pilot Knob Road) and SR 1393 (Hagers Ferry Road) at SR 1394 (North Pilot Knob Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$81,000.00 Cost \$72,900.00 Fed. \$8,100.00 State
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Rural

Catawba Co. R-3100A REGIONAL	34522.1.3, STP-0016(052) NC 16 from north of SR 1814 (Caldwell Road) to SR 1895 (Tower Road). \$600,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 State
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Catawba Co. R-3100B DIVISION	34522.1.4, STP-0016(053) NC 16 from north of SR 1801 (Claremont Road) to north of SR 1814 (Caldwell Road). \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$850,000.00 Cost \$680,000.00 Fed. \$170,000.00 State
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Iredell Co. R-2307B REGIONAL	37944.1.FR5, STP-0150(036) NC 150 from SR 1902 (Harvel Road) in Catawba County to I-77 in Iredell County. Funds are needed for preliminary engineering.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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Bicycle and Pedestrian

Troutman/ Iredell Co. EB-5530 DIVISION	50045.3.1, STPEB-1233(009) Old Mountain Road from North Main Street to South Iredell High School. Funds are needed for construction for greenway.	\$480,000.00 Cost \$384,000.00 Fed. \$96,000.00 State
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Troutman/ Iredell Co. EB-5532 DIVISION	50047.3.1, STPEB-1233(008) North Main Street Greenway from SR 2551 (Old Murdock Road) to SR 2350 (Murdock Road). Funds are needed for construction for greenway.	\$430,000.00 Cost \$344,000.00 Fed. \$86,000.00 State
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**Division 13
Safety**

Buncombe Co. W-5601GO STATEWIDE	50138.3.198, HSIP-0026(010) I-26, I-240, I-40, and US 74. Funds are needed for construction of pavement marking improvements.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
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Yancey Co.	44812.1.1, HSIP-0197(010)	\$1,000.00	Cost
SS-4913CF	NC 197 at SR 1336 (Toe River Road), near Green	\$900.00	Fed.
REGIONAL	Mountain. Funds are needed for preliminary engineering.	\$100.00	State

**Division 14
Bridge**

Jackson Co.	46125.3.1, BRZ-1367(003)	\$925,000.00	Cost
B-5410	Replace Bridge #221 over Little Savannah Creek on	\$740,000.00	Fed.
DIVISION	SR 1367. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$185,000.00	State

Transylvania Co.	38593.1.2, BRZ-1538(009)	\$300,000.00	Cost
B-4823	Replace Bridge #12 over Hogsed Creek on SR 1538.	\$240,000.00	Fed.
DIVISION	\$275,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$60,000.00	State

Safety

Divisionwide	50138.1.200, HSIP-000S(846)	\$1,000.00	Cost
W-5601GQ	Safety improvements at various locations. Funds are	\$900.00	Fed.
STATEWIDE/ REGIONAL	needed for preliminary engineering.	\$100.00	State

Divisionwide	50138.3.200, HSIP-000S(846)	\$580,000.00	Cost
W-5601GQ	Safety improvements at various locations. Funds are	\$522,000.00	Fed.
STATEWIDE/ REGIONAL	needed for construction for safety improvements.	\$58,000.00	State

Haywood Co.	50138.1.199, HSIP-1613(009)	\$15,000.00	Cost
W-5601GP	SR 1613 (Beaver Dam Road) between SR 1663	\$13,500.00	Fed.
DIVISION	(Great Oak Drive) and SR 1640 (Hilla Villa Road) near Canton. Funds are needed for preliminary engineering.	\$1,500.00	State

Henderson Co.	50138.1.201, HSIP-1722(008)	\$10,000.00	Cost
W-5601GR	SR 1722 (Old Spartanburg Road) at SR 1779	\$9,000.00	Fed.
DIVISION	(Shepherd Street). Funds are needed for preliminary engineering.	\$1,000.00	State

Henderson Co.	50138.3.201, HSIP-1722(008)	\$40,000.00	Cost
W-5601GR	SR 1722 (Old Spartanburg Road) at SR 1779	\$36,000.00	Fed.
DIVISION	(Shepherd Street). Construction funds are needed for safety improvements.	\$4,000.00	State

Henderson Co. W-5601GS DIVISION	50138.1.202, HSIP-1525(012) SR 1525 (Dana Road) at SR 1746 (North Allen Road) near Hendersonville. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Henderson Co. W-5601GS DIVISION	50138.3.202, HSIP-1525(012) SR 1525 (Dana Road) at SR 1746 (North Allen Road) near Hendersonville. Funds are needed for construction for safety improvements.	\$35,000.00 Cost \$31,500.00 Fed. \$3,500.00 State
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Municipal Bridge

Macon Co. M-0414 DIVISION	42080.1.120, BRZ-NBIS(013) Municipal Bridge Inspections - 1 bridge within the municipality of Macon County Middle School. Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,000.00 Fed. \$500.00 Local
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**Statewide
Safety**

Statewide SS-4915D STATEWIDE	44815.1.1, HSIP-000S(848) Zipper merge - data collection, signing, pavement markings, and other enhancements at various locations for merge improvements. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
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Planning and Research

Statewide M-0460AE STATEWIDE	50084.1.5, NST-0NST(005) National Summer Transportation Institute (NSTI). Funds are needed for 2016 allocation.	\$175,000.00 Cost \$175,000.00 Fed.
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Statewide M-0478B STATEWIDE	50141.1.2, OJT-00JT(019) On-the-Job Training Support Services - FY 2016. Funds are needed for preliminary engineering.	\$350,000.00 Cost \$350,000.00 Fed.
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Statewide M-0486A STATEWIDE	55201.1.1, SPR-0SPR(073) Bicycle and Pedestrian Planning Grants. \$49,072.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$36,000.00 Cost \$28,800.00 Fed. \$7,200.00 State
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Statewide M-0486B STATEWIDE	55201.1.2, SPR-0SPR(073) Bicycle and Pedestrian Planning Grants. \$40,397.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$28,800.00 Cost \$23,040.00 Fed. \$5,760.00 State
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Statewide	55201.1.6, SPR-0SPR(073)	\$38,500.00 Cost
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M-0486F STATEWIDE	Bicycle and Pedestrian Planning Grants. \$64,306.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$30,800.00 Fed. \$7,700.00 State
Statewide M-0486J STATEWIDE	55201.1.10, SPR-0SPR(073) Bicycle and Pedestrian Planning Grants. \$39,175.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$30,600.00 Cost \$24,480.00 Fed. \$6,120.00 State
Statewide NO ID STATEWIDE	47520.1.6, LTAP-FY16(001) Local Technical Assistance Program (LTAP). Funds are needed for preliminary engineering.	\$150,000.00 Cost \$150,000.00 Fed.

Rail Program

Statewide Y-5500 STATEWIDE	45533.1.FS1, RR-000S(773) Traffic Separation Study Implementation and Closure. \$400,000.00 has previously been approved for preliminary engineering. Funds are needed for preliminary engineering based on the latest estimate.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
Statewide Z-5400 STATEWIDE	43600.1.FS1, RR-000S(797) Railway-Highway Grade Crossing Safety Project at various locations statewide. \$250,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State

ITEM M SUMMARY - 94 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$170,001,820.00

Funding for Transition, and Pre-Transition, Period projects is excluded from the Transportation Investment Strategy Formula.

Approval - Revisions to the 2016-2025 STIPS

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following additions, modifications and deletions to the 2016 – 2025 State Transportation Improvement Plans.

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 5

U-5928 WAKE Proj. Category DIVISION	Apex Peakway, James Street to Towhee Drive. Construct grade separated interchange for Apex Peakway at South	Engineering FY16 Right-of-Way FY16 Construction FY17 FY17	\$250,000 (L) \$500,000 (L) \$2,500,000 (STPDA) <u>\$4,600,000 (L)</u>
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Salem Street and CSX RR. \$7,850,000
Project added at request of MPO.

DIVISION 13

R-5528A Construct access road off Construction FY16 \$170,000 (APD)
 MITCHELL SR 1129 (Henredon Road) from
 Proj. Category the end of Phase I project.
 EXEMPT **Add Construction in FY 16**
not previously programmed.
proposed funding is Appalachian
Regional Commission (ARC)
local access road funding.

STIP MODIFICATIONS

DIVISION 2

EB-5539 Greenville, South Tar River Construction FY17 \$660,000 (DP)
 PITT Greenway. Phase 3: Pitt FY17 \$903,000 (STPEB)
 Proj. Category Street toward Moye Boulevard FY17 \$165,000 (L)
 TRANSITION in vicinity of Pitt Memorial hospital. \$1,728,000
 Construct greenway using existing
 sidewalks, roads and on new
 location along the river.
Delay Construction from FY 16
to FY 17 to allow additional time
for Right of Way acquisition.

R-5703 NC 148 (Harvey Parkway), Right-of-way FY17 \$5,332,000 (T)
 LENOIR NC 58 to NC 11. Construct Utilities FY17 \$640,000 (T)
 Proj. Category multi-lane facility on new Construction FY19 \$14,222,000 (T)
 REGIONAL location. FY20 \$14,222,000 (T)
Accelerate Construction from FY21 \$14,222,000 (T)
FY 19 to FY 17 and convert. FY22 \$14,222,000 (T)
to design build contract. \$62,860,000

DIVISION 3

R-2303E NC 24, US 421/US 701/ Right-of-way FY17 \$7,250,000 (T)
 SAMPSON SR 1296 (Sunset Avenue) Construction FY19 \$9,167,000 (T)
 Proj. Category to west of SR 1920 FY20 \$9,167,000 (T)
 DIVISION (Moltonville Road). FY21 \$9,168,000 (T)
Delay Right-of-Way from FY 17 \$34,752,000
to FY 18 and Construction from
FY 19 to FY 20 based on
clarification of schedules.

STIP MODIFICATIONS

DIVISION 3

U-4906 SR 1308 (Gum Branch Road), Right-of-Way FY18 \$1,000,000 (STP)
 ONSLOW east city limits of Richlands to Construction FY19 \$7,500,000 (STP)
 Proj. Category SR 1322 (Summersill School) \$8,500,000

TRANSITION Road) in Jacksonville.
Widen to three lanes.
Delay Right-of-Way from FY 17 to FY 18 and Construction from FY 17 to FY 19 to allow additional time to for Planning and Design.

U-5319 SR 1308 (Gum Branch Road), Right-of-Way FY18 \$1,865,000 (STP)
 ONSLOW SR 1470 (Western Boulevard) construction FY20 \$2,950,000 (STP)
Proj. Category in Jacksonville. Improve intersection. \$4,815,000
 TRANSITION **Accelerate Right-of-Way from FY 19 to FY 18 based on clarification of schedules.**

U-5789 NC 53 (Western Boulevard), Right-of-Way FY18 \$135,000 (T)
 ONSLOW SR 2714 (Jacksonville Construction FY20 \$563,000 (T)
Proj. Category Parkway). Improve intersection. \$698,000
 REGIONAL **Delay Construction from FY 19 to FY 20 to allow additional time for Right of Way acquisition.**

DIVISION 5

B-5321 SR 1153 (Old Holly Springs - Right-of-Way FY17 \$60,000 (STPOFF)
 WAKE Apex Road), Replace Bridge Construction FY18 \$600,000 (STPOFF)
Proj. Category 910374 over Little Branch. \$660,000
 DIVISION **Delay Right-of-Way from FY 16 to FY 17 and Construction from FY 17 to FY 18 to allow additional time to select a Design alternative, Design the project and begin the R/W**

I-0914BA I-85, south of US 158 in Vance Construction FY16 \$30,967,000 (NHP)
 WARREN County to north of SR 1237 FY17 \$30,966,000 (NHP)
 VANCE (Manson Drewry Road) in \$61,933,000
Proj. Category Warren County
 TRANSITION **Garvee funding removed. traditional federal funding to be used. Schedule remains the same.**

I-0914BB I-85, north of SR 1237 Construction FY16 \$21,533,000 (NHP)
 WARREN (Manson Drewry Road) to FY17 \$21,533,000 (NHP)
Proj. Category Virginia state line. \$43,066,000
 TRANSITION **Garvee funding removed. traditional federal funding to be used. Schedule remains the same.**

STIP MODIFICATIONS

DIVISION 5

U-5315A Morrisville Parkway extension, Construction FY18 \$3,000,000 (STPDA)

WAKE	west of Highcroft Drive to	FY18	\$3,000,000 (L)
Proj. Category	east of Mills Park Drive in Cary.		\$6,000,000
DIVISION	Construct 2-lane facility on 4-lane Right of Way.		
	<u>Delay Construction from FY 17 to FY 18 to allow additional time to acquire right of way.</u>		

U-5315B	Morrisville Parkway extension,	Right-of-Way FY16	\$4,000,000 (BOND R)
WAKE	NC 540 (Triangle Expressway	Construction FY18	\$10,302,000 (L)
Proj. Category	/ Western Wake Freeway).	FY18	<u>\$8,500,000 (BOND R)</u>
DIVISION	Construct interchange.		\$22,802,000
	<u>Delay Construction from FY 17 to FY 18 to allow additional time to acquire right of way.</u>		

DIVISION 6

U-2519CA	I-295 Fayetteville Outer Loop,	Right-of-Way FY16	\$8,300,000 (NHP)
CUMBERLAND	south of US 401 to south of	Construction FY16	\$20,275,000 (NHP)
Proj. Category	SR 1400 (Cliffdale Road).	FY17	\$20,275,000 (NHP)
STATEWIDE	<u>Garvee funding removed. traditional federal funding to be used. Schedule remains the same.</u>	FY18	\$20,275,000 (NHP)
		FY19	<u>\$20,275,000 (NHP)</u>
			\$89,400,000

DIVISION 7

B-5717	SR 4240 (East Lee Street -	Right-of-Way FY19	\$314,000 (NHPB)
GUILFORD	westbound), Replace Bridges	Construction FY20	\$3,133,000 (NHPB)
Proj. Category	400109 and 400121 over	FY21	<u>\$3,133,000 (NHPB)</u>
DIVISION	South Buffalo Creek in Greensboro.		\$6,580,000
	<u>Revise description to add bridge 400109 to scope at request of structures management unit.</u>		

I-5735	I-73 / US 220, Randolph	Construction FY23	\$2,620,000 (NHPIM)
GUILFORD	County line to I-85 / US 421		
Proj. Category	in Greensboro.Pavement rehabilitation.		
STATEWIDE	<u>Modify description to extend northern project limit based on latest interstate maintenance prioritization.</u>		

STIP MODIFICATIONS

DIVISION 7			
U-2524D	Future I-840, Greensboro	Construction FY16	\$30,050,000 (NHP)
GUILFORD	Western Loop, us 220	FY17	<u>\$30,050,000 (NHP)</u>
Proj. Category	(Battleground Avenue) to		\$60,100,000
STATEWIDE	SR 2303 (Lawndale Drive)		
	<u>Garvee funding removed. traditional federal funding</u>		

**to be used. Schedule
remains the same.**

DIVISION 8

U-5759	NC 159 (Zoo Parkway), US 64	Right-of-Way FY17	\$45,000 (T)
RANDOLPH	(Dixie Drive) / Atlantic Avenue	Construction FY17	<u>\$188,000 (T)</u>
Proj. Category	in Asheboro.		\$233,000
REGIONAL	Intersection improvements.		

**Accelerate Construction
from FY 18 to FY 17 at the
request of the Division office.**

DIVISION 9

C-4908G	US 70 (Statesville Boulevard),	Right-of-Way FY16	\$52,000 (CMAQ)
ROWAN	US 601 (Jake Alexander	FY16	\$13,000 (L)
Proj. Category	Boulevard)	Construction FY17	\$298,000 (CMAQ)
EXEMPT	<u>Add Right-of-Way in FY 16 and delay Construction from FY 15 to FY 17 to allow the city additional time for the R/W phase.</u>	FY17	<u>\$75,000 (L)</u>
			\$438,000

I-3802B	I-85, SR 2180 (Lane Street) in	Right-of-Way FY16	\$13,600,000 (NHP)
ROWAN	Cabarrus County to US 29 /	Utilities FY16	\$2,753,000 (NHP)
Proj. Category	US 601 connector in Rowan	Construction FY16	\$69,500,000 (NHP)
STATEWIDE	county	FY17	<u>\$69,500,000 (NHP)</u>
	<u>Garvee funding removed. traditional federal funding to be used. Schedule remains the same.</u>		\$155,353,000

I-5793	I-85, east of US 64 to NC 109	Construction FY18	\$5,693,000 (NHPIM)
DAVIDSON	in Thomasville.	FY19	<u>\$5,693,000 (NHPIM)</u>
Proj. Category	Pavement rehabilitation.		\$11,386,000
STATEWIDE	<u>Modify description to extend northern project limit based on latest interstate maintenance prioritization.</u>		

STIP MODIFICATIONS

DIVISION 9

I-5859	I-85, 0.5 mile south of US 52	Construction FY20	\$4,684,000 (NHPIM)
ROWAN	in Salisbury to SR 2120	FY21	<u>\$4,684,000 (NHPIM)</u>
Proj. Category	(Long Ferry Road) in Spencer.		\$9,368,000
STATEWIDE	Pavement rehabilitation.		

**Modify description to extend
northern project limit based on
latest interstate maintenance
prioritization.**

R-2247CD	SR 1891 / non-system (Peace	Right-of-Way FY16	\$3,200,000 (NHP)
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FORSYTH Proj. Category STATEWIDE	Haven Road), SR 1891 / - non system (Peace Haven Road) - US 421 interchange and approaches <u>Garvee funding removed.</u> <u>traditional federal funding</u> <u>to be used. Schedule</u> <u>remains the same.</u>	Construction FY16 \$9,625,000 (NHP) \$12,825,000
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R-2247EC FORSYTH Proj. Category STATEWIDE	US 52 / future I-74, NC 65 interchange. Reconstruct interchange. <u>Garvee funding removed.</u> <u>traditional federal funding</u> <u>to be used. Schedule</u> <u>remains the same.</u>	Right-of-Way FY16 \$2,160,000 (NHP) Construction FY16 <u>\$13,500,000 (NHP)</u> \$15,660,000
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DIVISION 11

B-5147 ASHE Proj. Category HWY FUNDS	SR 1509 (Claybank Road), Replace Bridge 040327 over Little Buffalo Creek. <u>Accelerate Construction</u> <u>from FY 17 to FY 16 .</u>	Construction FY17 \$385,000 (HFB)
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DIVISION 13

I-5504 BUNCOMBE Proj. Category STATEWIDE	I-26, NC 191 (Brevard Road). Upgrade interchange. <u>Garvee funding removed.</u> <u>traditional federal funding</u> <u>to be used. Schedule</u> <u>remains the same.</u>	Right-of-Way FY16 \$9,400,000 (NHP) Construction FY16 \$13,500,000 (NHP) FY17 \$13,500,000 (NHP) FY18 \$13,500,000 (NHP) FY19 <u>\$13,500,000 (NHP)</u> \$63,400,000
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DIVISION 14

B-4792 POLK Proj. Category DIVISION	SR 1102 (Pearson Falls), Replace Bridge 740004 over Fork Creek (Small Branch of Pacolet River). <u>Accelerate Construction from</u> <u>FY 17 to FY 16. utility issues</u> <u>have been resolved, allowing</u> <u>project to be accelerated.</u>	Construction FY16 \$650,000 (STPOFF)
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STIP MODIFICATIONS

DIVISION 14

W-5506 HENDERSON Proj. Category REGIONAL	NC 191, SR 1381 (Mountain Road) to north of SR 1365 (North Rugby Road). Construct a three-lane section between N/S Rugby and Country Road, extend right turn lane into	Construction FY17 \$1,975,000 (HSIP) FY17 <u>\$2,500,000 (STP)</u> \$4,475,000
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West Henderson School,
 revise and install guardrail at
 various locations, construct
 entrance to rugby middle
 school on new location, and
 construct paved shoulders.
**Delay Construction from FY 16
 to FY 17 to allow additional time
 for design.**

STIP DELETIONS

DIVISION 7

U-5849	Aycock Street, SR 4240	Right-of-Way FY18	\$366,000 (STP)
GUILFORD	(Gate City Boulevard) to Spring	FY18	\$91,000 (L)
Proj. Category	Garden Street in Greensboro.	Utilities FY18	\$44,000 (STP)
DIVISION	Replace railroad overpass and	FY18	\$44,000 (STP)
	widen roadway.	FY18	\$11,000 (L)
	<u>Delete at the request of MPO and division.</u>	Construction FY21	\$1,066,000 (STP)
		FY21	<u>\$266,000 (L)</u>
			\$1,844,000

DIVISION 11

B-5385	SR 1356 (Old Johns River	Right-of-Way FY18	\$40,000 (HFB)
CALDWELL	Road), Replace Bridge	Construction FY19	<u>\$400,000 (HFB)</u>
Proj. Category	130123 over Estes Mill Creek.		\$440,000
HWY FUNDS	<u>Delete, work to be accomplished under 17bp program.</u>		

DIVISION 12

EB-5546	Construct segment of	Construction FY16	\$492,000 (FLAP)
CLEVELAND	Gateway Trail from Galilee	FY16	<u>\$123,000 (L)</u>
Proj. Category	Road. FLAP project NC FLAP		\$615,000
EXEMPT	Church Road to Bethlehem Clvnd Trl(1). <u>Delete at the request of the local government.</u>		

ITEM N SUMMARY

ADDITIONS	2 PROJECTS	\$8,020,000
MODIFICATIONS	27 PROJECTS	
DELETIONS	3 PROJECTS	\$2,899,000
	32 PROJECTS	\$5,121,000

Approval – Municipal and Special Agreements

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following:

SUMMARY: There are a total of 22 Agreements for approval by the Board of Transportation.

Statewide

North Carolina Department of Environmental Quality (NCDEQ) Division of Mitigation Services	This Memorandum of Agreement (MOA) provides for the continued partnership between the Department and the NCDEQ clarifying the roles and responsibilities for mitigation, what constitutes on-site versus off-site mitigation and the required coordination by both parties. The MOA also outlines the ability of NCDOT to purchase mitigation bank credits directly from private mitigation banks and the elevation to senior management for unresolvable issues. This MOA supersedes the 2008 MOA between North Carolina Department of Environmental and Natural Resources (NCDENR) and NCDOT.
North Carolina Department of Natural and Cultural Resources- Arts Council (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to two (2) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.
North Carolina Department of Natural and Cultural Resources- Historic Council (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to one hundred and five (105) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.
North Carolina Department of Natural and Cultural Resources- Parks and Recreation (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to one hundred and ten (110) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.
North Carolina Department of Natural and Cultural Resources- State Library (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to one hundred and ten (110) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.
North Carolina Department of Environmental Quality Division of Air Quality C-4903 44003.3.1	This Project consists of the implementation of education and outreach programs through partnerships with local governments and health and environmental advocacy groups. This Supplemental Agreement extends the amount of time for project completion, allows applicable Division of Air Quality staff salaries to be reimbursed, and reduces the amount of funding available for the Project.
North Carolina & Virginia Railroad Company, LLC c/o Coastal Region	This Rail Agreement is a Master Agreement (MA) that details the terms and conditions by which the Department and NCVA will perform improvements upon roads and streets located within the operating right-of-way owned by

Companies (NCVA)	NCVA. The projects may include improvements to railroad at-grade crossings or to roads and streets encroaching into the railroad right-of-way. Project costs to the Department will be determined on a project by project basis.
North Carolina & Virginia Railroad Company, LLC dba Chesapeake and Albemarle Railroad (CA)	This Rail Agreement is a Master Agreement (MA) that details the terms and conditions by which the Department and CA will perform improvements upon roads and streets located within the operating right-of-way owned by CA. The projects may include, but not be limited to, improvements to railroad at-grade crossings or to roads and streets encroaching into the railroad right-of-way. Project costs to the Department will be determined on a project by project basis.
Division 1	
North Carolina & Virginia Railroad Company, LLC (NCVA) Northampton, Bertie, & Hertford Counties P-5600 WBS: 44089	This Rail Agreement provides for the approval of TIGER Discretionary Grant funds and State Mobility Funds to NCVA for track infrastructure improvements necessary to upgrade the rail line (NCVA). The improvements include seventeen (17) miles of track rehabilitation, improvement of eight (8) railroad crossings, and the repair of one (1) bridge. NCVA will perform all phases of the work. The Department will participate in the cost of the work up to \$8,600,000. The estimated cost of the project is \$11,631,000.
Division 3	
New Hanover County 3CR.10651.153	This Project consists of milling and resurfacing roadway, installation of median curb & gutter, and installation of new traffic signal and signal loops along US 17 Business from the intersection of SR 2734 to the intersection of SR 1455 in New Hanover County. The Department's participation amount was \$1,151,100. This Supplemental Agreement is for the Department to provide additional funding in the amount of \$223,260 from Contract Resurfacing funds. Costs which exceed the revised maximum amount of \$1,374,360 shall be the responsibility of the County.
City of Wilmington New Hanover County 3603.3.02	This Project consists of the construction of a 5-foot concrete sidewalk and ADA improvement on both sides of US 76 (Wooster St.) from the intersection of US 17 (South 3rd Street) to the intersection of 6th Street in Wilmington. The Department's original participation amount was \$100,000. This Supplemental Agreement is for the Department to provide additional funding in the amount of \$13,431 from Transportation Enhancement funds. Costs which exceed the revised maximum amount of \$113,431 shall be the responsibility of the Municipality.
Town of Surf City Pender County B-4929 40233.3.1	This Project consists of the replacement of Bridge 16 over the Intracoastal Waterway on NC 50-210. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$26,316.
Town of Surf City Pender County B-4929 40233.3.1	This Project consists of replacement of Bridge 16 over the Intracoastal Waterway on NC 50-210. The Department shall prepare the environmental and/or planning document, Project plans and specifications, construct the Project, and acquire any needed right of way. At the request of the Municipality,

the Department shall include in its contract the construction of sidewalks, a multi-use path, and bridge lighting. The Municipality shall reimburse the Department a 20% cost share for actual cost of work on sidewalk. The Department will participate in 80% of the cost share for sidewalk work and 100% of costs for lighting and the multi-use path.

Division 5

Town of Franklinton
Franklin County
42889

This Rail Agreement provides for the general cleanup of the rail corridor from Dixon Street west and Hicks Street north through the municipal limits. Cleanup will include removal and disposal of all debris, grass mowing, and vegetation control. The Municipality will perform the work. The Department will reimburse the Municipality \$3,200 per year. This Agreement will remain in effect for 5 years (2016-2021). Estimated cost to the Department is \$16,000.

Town of Fuquay-Varina
Wake County
U-5317
45430.1.1
45430.2.1

This Project consists of the new multi-lane facility at NC 55 (North Broad St.) to NC 42 (West Academy St.) in Fuquay-Varina. This Supplemental Agreement is to include the right of way phase. The Department's original participation was \$1,200,000. The Department agrees to participate in additional cost up to a maximum of \$2,950,000 in STPDA funds. The Municipality's original participation was \$300,000. The Municipality agrees to provide an additional \$2,950,000 and any costs that exceed the estimated cost of \$5,900,000.

Town of Wake Forest
Wake County
17BP.5.R.47

This Design-Build Project consists of replacement of Bridge No. 132 across Smith Creek on SR 2052 in Wake Forest. The Project includes greenway, sidewalk along both sides of the Project and a five-lane section from the end of the Project to the Heritage Lake Road intersection. This Supplemental Agreement is to include a right turn lane on Rogers Road and signal revisions at the Heritage Lake Road intersection. The Municipality will pay an additional cost of \$240,300 to fund the additional work.

Town of Holly Springs
Wake County
U-5318
45431.1.1
45431.2.FD1
45431.3.1

This Project consists of intersection realignment at NC 55 (Bypass)/NC 55 (Main Street) and Ralph Stephens Road to Piney Grove-Wilbon Road in Holly Springs. This Supplemental Agreement is to increase the funding for the Project and extend the completion date. The Department's original participation was \$6,984,000. The Department agrees to reimburse the Municipality an additional \$1,700,274 of STPDA funds. The Municipality's original participation was \$1,746,000. The Municipality will provide an additional \$1,700,274 as their local match. This Supplemental Agreement extends the completion date for the Project to October 1, 2018, in lieu of October 1, 2015.

Division 7

Piedmont Triad Airport
Authority
Guildford County
36244.30.19.1

This Project consists of design and construction of a Crossfield Taxiway System connecting Runway 23R to the taxiway bridge over I-73, including the taxiway segments and Taxiway G connector; design and construction for a relocation of the Airport Surveillance Radar (ASR-9), including any necessary work at the existing ASR-9 site; and site preparation and construction at the new ASR site, to allow development for new aeronautical industries at the Piedmont Triad International Airport. The estimated total reimbursement from the Department is \$25,000,000, payable over the next five years at a maximum amount of \$5,000,000 per fiscal year.

Division 10

City of Charlotte

This Project consists of the widening of I-485 Outer Loop Ramp to North Tryon

Mecklenburg County
W-5601BJ
50138.1.63
50138.3.63

Street (US 29) and signal modifications. The Municipality shall design and modify the existing signal system between the Outer Loop ramp and North Tryon Street. The Department shall reimburse the Municipality up to \$6,000 for the design and construction of the signal modification.

City of Charlotte
Mecklenburg County
W-5601BI
50138.1.62
50138.3.62

This Project consists of the widening of I-485 Inner Loop Ramp to South Tryon Street (NC 49) and signal modifications. The Municipality shall design and modify the existing signal system between the Inner Loop ramp and South Tryon Street. The Department shall reimburse the Municipality up to \$6,000 for the design and construction of the signal modification.

Greyhound Lines, Inc.
(Greyhound)
Mecklenburg County
P-5705

This Rail Memorandum of Understanding (MOU) jointly engaging the Department and Greyhound establishes the terms between the Parties as to the purchase and sale of land occupied by Greyhound, known as the Greyhound Bus Terminal. The MOU also includes the Department's lease back arrangement to Greyhound of a new facility as part of Charlotte Gateway Station project. The Department and Greyhound will enter into a separate Purchase and Sale Agreement after the completion of Charlotte Gateway Station.

Division 11

Piedmont & Atlantic
Railroad, dba Yadkin
Valley Railroad
(YVRR)
Norfolk Southern Railway
Company, Inc. (NS)
Wilkes County
80000.1.4.30

This Rail Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds to assist YVRR with infrastructure improvements necessary to the railroad. YVRR will perform all phases of the work. The Department will participate in the cost of the project to the extent of 12.5% or up to \$53,693, whichever is less. The estimated cost of the project is \$429,545. As a condition of the Department's participation, YVRR, NS, and the Department will enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five (5) years.

Statewide

North Carolina Department
of Environmental Quality
(NCDEQ)
Division of Mitigation
Services

This Memorandum of Agreement (MOA) provides for the continued partnership between the Department and the NCDEQ clarifying the roles and responsibilities for mitigation, what constitutes on-site versus off-site mitigation and the required coordination by both parties. The MOA also outlines the ability of NCDOT to purchase mitigation bank credits directly from private mitigation banks and the elevation to senior management for unresolvable issues. This MOA supersedes the 2008 MOA between North Carolina Department of Environmental and Natural Resources (NCDENR) and NCDOT.

North Carolina Department
of Natural and Cultural
Resources- Arts Council
(NCDNCR)

This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to two (2) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.

North Carolina Department
of Natural and Cultural
Resources- Historic Council
(NCDNCR)

This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to one hundred and five (105) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.

North Carolina Department of Natural and Cultural Resources- Parks and Recreation (NCDNCR) This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to one hundred and ten (110) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.

North Carolina Department of Natural and Cultural Resources- State Library (NCDNCR) This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to one hundred and ten (110) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.

North Carolina Department of Environmental Quality Division of Air Quality C-4903 44003.3.1 This Project consists of the implementation of education and outreach programs through partnerships with local governments and health and environmental advocacy groups. This Supplemental Agreement extends the amount of time for project completion, allows applicable Division of Air Quality staff salaries to be reimbursed, and reduces the amount of funding available for the Project.

North Carolina & Virginia Railroad Company, LLC c/o Coastal Region Companies (NCVA) This Rail Agreement is a Master Agreement (MA) that details the terms and conditions by which the Department and NCVA will perform improvements upon roads and streets located within the operating right-of-way owned by NCVA. The projects may include improvements to railroad at-grade crossings or to roads and streets encroaching into the railroad right-of-way. Project costs to the Department will be determined on a project by project basis.

North Carolina & Virginia Railroad Company, LLC dba Chesapeake and Albemarle Railroad (CA) This Rail Agreement is a Master Agreement (MA) that details the terms and conditions by which the Department and CA will perform improvements upon roads and streets located within the operating right-of-way owned by CA. The projects may include, but not be limited to, improvements to railroad at-grade crossings or to roads and streets encroaching into the railroad right-of-way. Project costs to the Department will be determined on a project by project basis.

Division 1

North Carolina & Virginia Railroad Company, LLC (NCVA) Northampton, Bertie, & Hertford Counties P-5600 WBS: 44089 This Rail Agreement provides for the approval of TIGER Discretionary Grant funds and State Mobility Funds to NCVA for track infrastructure improvements necessary to upgrade the rail line (NCVA). The improvements include seventeen (17) miles of track rehabilitation, improvement of eight (8) railroad crossings, and the repair of one (1) bridge. NCVA will perform all phases of the work. The Department will participate in the cost of the work up to \$8,600,000. The estimated cost of the project is \$11,631,000.

Division 3

New Hanover County 3CR.10651.153 This Project consists of milling and resurfacing roadway, installation of median curb & gutter, and installation of new traffic signal and signal loops along US 17 Business from the intersection of SR 2734 to the intersection of SR 1455 in New Hanover County. The Department's participation amount was \$1,151,100. This Supplemental Agreement is for the Department to provide additional funding in the amount of \$223,260 from Contract Resurfacing funds. Costs which exceed the revised maximum amount of \$1,374,360 shall be the responsibility of the County.

City of Wilmington
New Hanover County
3603.3.02

This Project consists of the construction of a 5-foot concrete sidewalk and ADA improvement on both sides of US 76 (Wooster St.) from the intersection of US 17 (South 3rd Street) to the intersection of 6th Street in Wilmington. The Department's original participation amount was \$100,000. This Supplemental Agreement is for the Department to provide additional funding in the amount of \$13,431 from Transportation Enhancement funds. Costs which exceed the revised maximum amount of \$113,431 shall be the responsibility of the Municipality.

Town of Surf City
Pender County
B-4929
40233.3.1

This Project consists of the replacement of Bridge 16 over the Intracoastal Waterway on NC 50-210. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$26,316.

Town of Surf City
Pender County
B-4929
40233.3.1

This Project consists of replacement of Bridge 16 over the Intracoastal Waterway on NC 50-210. The Department shall prepare the environmental and/or planning document, Project plans and specifications, construct the Project, and acquire any needed right of way. At the request of the Municipality, the Department shall include in its contract the construction of sidewalks, a multi-use path, and bridge lighting. The Municipality shall reimburse the Department a 20% cost share for actual cost of work on sidewalk. The Department will participate in 80% of the cost share for sidewalk work and 100% of costs for lighting and the multi-use path.

Division 5

Town of Franklinton
Franklin County
42889

This Rail Agreement provides for the general cleanup of the rail corridor from Dixon Street west and Hicks Street north through the municipal limits. Cleanup will include removal and disposal of all debris, grass mowing, and vegetation control. The Municipality will perform the work. The Department will reimburse the Municipality \$3,200 per year. This Agreement will remain in effect for 5 years (2016-2021). Estimated cost to the Department is \$16,000.

Town of Fuquay-Varina
Wake County
U-5317
45430.1.1
45430.2.1

This Project consists of the new multi-lane facility at NC 55 (North Broad St.) to NC 42 (West Academy St.) in Fuquay-Varina. This Supplemental Agreement is to include the right of way phase. The Department's original participation was \$1,200,000. The Department agrees to participate in additional cost up to a maximum of \$2,950,000 in STPDA funds. The Municipality's original participation was \$300,000. The Municipality agrees to provide an additional \$2,950,000 and any costs that exceed the estimated cost of \$5,900,000.

Town of Wake Forest
Wake County
17BP.5.R.47

This Design-Build Project consists of replacement of Bridge No. 132 across Smith Creek on SR 2052 in Wake Forest. The Project includes greenway, sidewalk along both sides of the Project and a five-lane section from the end of the Project to the Heritage Lake Road intersection. This Supplemental Agreement is to include a right turn lane on Rogers Road and signal revisions at the Heritage Lake Road intersection. The Municipality will pay an additional cost of \$240,300 to fund the additional work.

Town of Holly Springs

This Project consists of intersection realignment at NC 55 (Bypass)/NC 55

Wake County
U-5318
45431.1.1
45431.2.FD1
45431.3.1

(Main Street) and Ralph Stephens Road to Piney Grove-Wilbon Road in Holly Springs. This Supplemental Agreement is to increase the funding for the Project and extend the completion date. The Department's original participation was \$6,984,000. The Department agrees to reimburse the Municipality an additional \$1,700,274 of STPDA funds. The Municipality's original participation was \$1,746,000. The Municipality will provide an additional \$1,700,274 as their local match. This Supplemental Agreement extends the completion date for the Project to October 1, 2018, in lieu of October 1, 2015.

Division 7

Piedmont Triad Airport
Authority
Guildford County
36244.30.19.1

This Project consists of design and construction of a Crossfield Taxiway System connecting Runway 23R to the taxiway bridge over I-73, including the taxiway segments and Taxiway G connector; design and construction for a relocation of the Airport Surveillance Radar (ASR-9), including any necessary work at the existing ASR-9 site; and site preparation and construction at the new ASR site, to allow development for new aeronautical industries at the Piedmont Triad International Airport. The estimated total reimbursement from the Department is \$25,000,000, payable over the next five years at a maximum amount of \$5,000,000 per fiscal year.

Division 10

City of Charlotte
Mecklenburg County
W-5601BJ
50138.1.63
50138.3.63

This Project consists of the widening of I-485 Outer Loop Ramp to North Tryon Street (US 29) and signal modifications. The Municipality shall design and modify the existing signal system between the Outer Loop ramp and North Tryon Street. The Department shall reimburse the Municipality up to \$6,000 for the design and construction of the signal modification.

City of Charlotte
Mecklenburg County
W-5601BI
50138.1.62
50138.3.62

This Project consists of the widening of I-485 Inner Loop Ramp to South Tryon Street (NC 49) and signal modifications. The Municipality shall design and modify the existing signal system between the Inner Loop ramp and South Tryon Street. The Department shall reimburse the Municipality up to \$6,000 for the design and construction of the signal modification.

Greyhound Lines, Inc.
(Greyhound)
Mecklenburg County
P-5705

This Rail Memorandum of Understanding (MOU) jointly engaging the Department and Greyhound establishes the terms between the Parties as to the purchase and sale of land occupied by Greyhound, known as the Greyhound Bus Terminal. The MOU also includes the Department's lease back arrangement to Greyhound of a new facility as part of Charlotte Gateway Station project. The Department and Greyhound will enter into a separate Purchase and Sale Agreement after the completion of Charlotte Gateway Station.

Division 11

Piedmont & Atlantic
Railroad, dba Yadkin
Valley Railroad
(YVRR)
Norfolk Southern Railway
Company, Inc. (NS)
Wilkes County
80000.1.4.30

This Rail Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds to assist YVRR with infrastructure improvements necessary to the railroad. YVRR will perform all phases of the work. The Department will participate in the cost of the project to the extent of 12.5% or up to \$53,693, whichever is less. The estimated cost of the project is \$429,545. As a condition of the Department's participation, YVRR, NS, and the Department will enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five (5) years.

SUMMARY: There are a total of 50 agreements for informational purposes only.

Division 1

Town of Nags Head
Dare County

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

Division 2

Beaufort County

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

City of Greenville
Pitt County
46305.1.2

This Project consists of installation of landscape plantings along US 13 (Memorial Boulevard) from Tar River Bridge to approximately north of SR 1441 (Airport Road). The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Division 3

Town of Belville
Brunswick County

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

City of Wilmington
New Hanover County
U-5534 B
44096.1.3
44096.2.3
44096.3.3

This Project consists of the construction of a public walkway/pier underneath the Heide Trask Drawbridge to provide for a safe crossing for cyclists and pedestrians across US 74 (Wrightsville Avenue) on the mainland side of the drawbridge in Wilmington. This Supplemental Agreement extends the completion date for the Project to October 10, 2018, in lieu of December 31, 2015.

City of Wilmington
New Hanover County
U-5534 C
44096.1.F4
44096.2.F4
44096.3.F4

This Project consists of the construction of intersection re-alignment improvements at Wrightsville Avenue/Greenville Avenue and including bike lanes and sidewalks along Greenville Avenue from Wrightsville Avenue to Hinton Avenue. This Supplemental Agreement extends the completion date for the Project to January 6, 2019, in lieu of September 30, 2015.

City of Wilmington
New Hanover County

This Project consists of the design and construction of a multi-use trail on Park Avenue between Audubon Drive and Kerr Avenue in

U-5534 F
44096.1.F7
44096.2.F7
44096.3.F7

Wilmington. This Supplemental Agreement extends the completion date for the Project to March 11, 2019, in lieu of December 1, 2015.

City of Wilmington
New Hanover County
U-5534 G
44096.1.F8
44096.2.F8
44096.3.F8

This Project consists of the construction of a 10' wide multi-use path along Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Avenue intersection. This Supplemental Agreement extends the completion date for the Project to June 24, 2019, in lieu of September 1, 2016.

City of Wilmington
New Hanover County
U-5534 H
44096.1.F9
44096.2.F9
44096.3.F9

This Project consists of the construction of a 10' wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue. This Supplemental Agreement extends the completion date for the Project to June 24, 2019, in lieu of September 30, 2015.

Onslow County
44801

This Project consists of the construction of sidewalk along the right side of SR 1406 (Piney Green Road), from the end of the proposed bridge approximately at Station 86+31 to approximately Station 97+47, at the intersection with SR 1410 (Halltown Road). The Department shall be responsible for all phases of the Project. The Municipality shall assume responsibility for the sidewalk upon completion of the work.

Division 4

Town of Smithfield
Johnston County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Tarboro
Edgecombe County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Nashville
Nash County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Division 5

<p>Creative School Wake County 36249.3635</p>	<p>This Project consists of upgrading the traffic signal at Old Raleigh Road and Apex Peakway. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.</p>
<p>KRG Parkside II, LLC Wake County 36249.3636</p>	<p>The Project consists of upgrading the traffic signal at NC 55 and Kit Creek Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.</p>
<p>Town of Apex Wake County</p>	<p>This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.</p>
<p>Town of Cary Wake County</p>	<p>This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.</p>
<p>City of Durham Durham County</p>	<p>This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.</p>
<p>City of Raleigh Wake County</p>	<p>This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.</p>
<p>Town of Butner Granville County</p>	<p>This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.</p>

Town of Louisburg
Franklin County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the “North Carolina’s Non-Motorized Volume Data Program” research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Wake Forest
Wake County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the “North Carolina’s Non-Motorized Volume Data Program” research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Division 6

Foresight Development, LLC
Cumberland County
34866.3.FD3

This Project consists of the construction of a right-turn access lane along SR 1003 (Camden Road), in conjunction with TIP Project U-2810C. The Developer shall reimburse the Department the actual cost for the additional work. The estimated cost of the work is \$29,000.

Division 7

Cook Out Restaurants
Alamance County
36249.3632

This Project consists of providing a traffic signal modification at the intersection of SR 1007 (Mebane Oaks Road) and SR 2186 (Brundage Lane)/SR 2210. The upgrades consist of pedestrian crossing signals and push buttons across the Brundage Lane approach. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department’s work. The estimated reimbursement is \$5,000.

Love’s Travel Stops and Country
Stores, Inc.
Alamance County
36249.3639

This Project consists of providing a traffic signal installation at the intersection of the main entrance driveway across from Gregory Poole Lane (non-system) and SR 1981. The Project also includes two traffic signal upgrades at the intersections of SR 1981 and I-40/I-85 ramps. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department’s work. The estimated reimbursement is \$30,000.

Belleau Wood Development, LLC
Alamance County
36249.3640

This Project consists of providing a traffic signal installation at the intersection of SR 1343 (Martin Street) and SR 1716 (N. Graham-Hopedale Road) and a traffic signal modification at the intersection of US 70 (N. Church Street) and SR 1716. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department’s work. The estimated reimbursement is \$10,000.

Piedmont Authority for Regional

This Project consists of planning activities in support of the annual

Transportation
Alamance, Davie, Davidson,
Forsyth, Guilford, Orange,
Randolph, and Stokes Counties
44526.10.1

work program for the Regional Travel Demand Model to provide data for the delivery of TIP projects and to meet the MPO Planning requirements for the area. The Department shall participate in twenty-five percent (25%) of the total costs and the Authority and participating MPOs shall provide the remaining costs. Funding will be provided on an annual basis per an approved work program.

Division 8

Town of Gibson
Scotland County
36249.3637

This Project consists of fabricating, delivering, and installing "Home of Michael Wright, Major League Baseball Player" supplemental signs to the existing "Welcome to Gibson" signs located along NC 79. The Municipality shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$400.

Village of Pinehurst
Moore County
36249.3638

This Project consists of installing an emergency vehicle preemption signal at the intersection of NC 2 and NC 5 in Pinehurst. The Department shall modify the design specifications and furnish the traffic signal equipment. The Municipality shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$7,503.95.

Chatham County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The County will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

City of Sanford
Lee County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

City of Asheboro
Randolph County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Southern Pines
Moore County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment

installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Division 9

Village of Clemmons
Forsyth County
U-4741PD
39745.3.16

This Project consists of construction of approximately 314 linear feet of 5-ft sidewalk and the installation of two crosswalks on Middlebrook Drive in Clemmons. This Agreement is to extend the completion date of the Project to May 31, 2017 in lieu of May 31, 2014.

City of Winston-Salem
Forsyth County
44610

This Project consists of pedestrian improvements on Cloverdale Avenue and Miller Street in Winston-Salem. The Department shall be responsible for all phases of work. The Department will participate in the actual construction costs up to a maximum amount of \$750,000 in State Contingency funds. Costs which exceed this amount shall be borne by the Municipality. The estimated cost of the Project is \$1,256,000.

Little Diversified Architectural
Consulting, Inc.
Rowan County
36249.3643

This Project consists of the modification to Signal #09-0725 on US 601 at Brenner Road in Rowan County. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Division 10

City of Charlotte
Mecklenburg County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Alliance Preparatory Schools, Inc.
Mecklenburg County
36249.3641

This Project consists of the modification to an existing traffic signal at the intersection of Eastfield Road (SR 2459) and Browne Road (SR 2480) in Charlotte. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

County of Davidson
Mecklenburg County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The County will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Wadesboro
Anson County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program"

research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

City of Charlotte
Cabarrus, Cleveland, Gaston, Iredell,
Lincoln, Mecklenburg, Rowan and
Union Counties
44526.10.1

This Project consists of planning activities in support of the annual work program for the Regional Travel Demand Model to provide data for the delivery of TIP projects and to meet the Metropolitan Planning Organization (MPO) planning requirements for the area. The Department shall participate in forty-five percent (45%) of eligible costs, and the participating MPOs shall provide the non-federal match.

Division 11

North Carolina High Country Host
Watauga County
42931

This Project consists of reimbursement of a one-time sum for relocation and/or renovation costs of the Visitor Center in Boone, NC, operated by the High Country Host. The High Country Host will be responsible for all work and will request reimbursement of \$50,000 from the Department from the Special Registration Plate Account.

Division 12

City of Shelby
Cleveland County
36249.3634

This Project consists of the installation of metal poles with mast arms at the intersection of US 74 Bypass and US 74 Business at the eastern city limits of Shelby. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$7,500.

City of Gastonia
Gaston County
3712.3.19

This Project consists of maintaining the landscape improvements at Exits 19, 20, 21 and NC 7, NC 279 New Hope Road and Cox Road along I-85 in Gastonia. The Department shall develop the landscape design, prepare plans and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Town of Mooresville
Iredell County
3712.3.17

This Project consists of maintaining the landscape improvements on SR 1100 (Brawley School Road) from I-77 to SR 3096 (Forest Lake Road). The Department shall develop the landscape design, prepare plans and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

City of Shelby
Cleveland County
3712.3.18

This Project consists of maintaining the landscape improvements along US 74 Bypass and at the interchange at SR 1105 (Lafayette Street) in Shelby. The Department shall develop the landscape design, prepare plans and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Western Piedmont Council of
Governments
Catawba County
U-5924
44509.1.11

This Project consists of planning activities for a 5 year comprehensive transportation plan for the Greater Hickory MPO and the Western Piedmont Council of Governments for the annual Unified Planning Work Program. The Department will participate in 80% of eligible costs. The Agency shall provide the 20% non-federal match.

44509.1.26

Division 13

Town of Spruce Pine
Mitchell County
44800

This Project consists of resurfacing Harris Street from Greenwood Road to SR 1277 (Laurel Creek Court) in Spruce Pine. The Department shall be responsible for all phases of the project. The Department will provide 50% (\$46,500) in small construction funds towards the costs of the project. The Municipality will provide 50% (\$46,500). The estimated project costs are \$93,000.

Pilot Travel Center
McDowell County
36249.3642

This Project consists of signal review and inspection for signal improvements at the intersection of SR 1001 (Sugar Hill Road) and the I-40 EB On/Off Ramps. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer will reimburse the Department 100% of the actual costs of the Department’s work. The estimated reimbursement is \$7,500.

Land of Sky Regional Council
Buncombe County
U-5616
44509.1.2
44509.1.25

This Project consists of planning activities for a 5 year comprehensive transportation plan for the French Broad River MPO and the Land of Sky Regional Council for the annual Unified Planning Work Program. The Department will participate in 80% of eligible costs. The Agency shall provide the 20% non-federal match.

Approval - Municipal Street System Changes

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following:

Deletions from the State Highway System

Division	County	Municipality	Road	Termini	Length
9	Rowan 2016_06_M002	Granite Quarry	SR 2691	To delete (SR 2691) Charmandy Drive	0.56

Preliminary Right of Way Plans

A motion was made by Board Member Brown, seconded by Board Member Blount, to approve the following:

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

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

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

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

(Division 2)

Pamlico County; I.D. No. B-4598; Project No. 38426.2.1:
Bridge No. 16 over Mason Creek on SR 1324

(Division 3)

Brunswick County; I.D. No. W-5203I; Project No. 45333.2.9:
SR 1130 over US 17 to NC 130 near Shallotte and Holden Beach

(Division 6)

Robeson County; I.D. No. B-5333; Project No. 46047.2.1:
Bridge No. 173 & 174 over Lumber River Overflow on SR 1500

(Division 7)

Guilford County; I.D. No. B-5345; Project No. 46059.2.1:
Bridge No. 456 over Brush Creek on SR 2136 (Fleming Road)

(Division 9)

Davidson County; I.D. No. B-5165; Project No. 42341.2.1:
Bridge No. 42 over Muddy Creek on SR 1485

PRELIMINARY RIGHT OF WAY PLANS	5 PROJECT(S)	\$0.00
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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 4)

Project No. 46027.2.1; Wilson County; I.D. No. B-5313:

Grading, drainage, paving and structure on Bridge No. 109 over Town Creek on SR 1002 with the right of way indicated upon the final plans for said project.

(Division 5)

Project No. 42263.2.1; Wake County; I.D. No. B-5121:

Grading, drainage, paving, structures, culvert, signals and signing on Bridge No. 227 on US 70/US 401/NC 50 (Capital Boulevard) over Peace Street and Bridge No. 213 on US 70/NC 50 (Wade Avenue) over US 401 (Capital Boulevard) in Raleigh with the right of way indicated upon the final plans for said project.

Project No. 34915.2.1; Durham County; I.D. No. U-3308:

Grading, track work, paving, drainage, sidewalks, curb and gutter, retaining walls, signals and structures in Durham – NC 55 (Alston Avenue) from NC 147 (Buck Dean Freeway) to North of US 70 Bus/NC 98 (Holloway Street) with the right of way indicated upon the final plans for said project.

(Division 6)

Project No. 45336.2.FD21; Cumberland County; I.D. No. W-5206U:

Traffic Control and signals on SR 2238 (Sand Hill Road) at SR 2252 (Chicken Foot Road) with the right of way indicated upon the final plans for said project.

Project No. 33727.2.FS1; Cumberland County; I.D. No. B-4490:

Grading, drainage, paving, structures, retaining walls and signals on Bridge No. 116 over CSX Railroad and Norfolk Southern Railroad and Hillsboro Street on NC 24-210 (Rowan Street) with the right of way indicated upon the final plans for said project.

Project No. 45336.2.FD26; Cumberland County; I.D. No. W-5206Z:

Grading, drainage, paving, signals and pavement markings on SR 1103 (Galatia Church Rd) at SR 1102 (Gillis Hill Rd) SR 1103 (Galatia Church Rd) at SR 1112 (Stoney Point Rd) and SR 1112 (Stoney Point Rd) at SR 1102 (Gillis Hill Rd) with the right of way indicated upon the final plans for said project.

(Division 7)

Project No. 40152.2.1; Guilford County; I.D. No. B-4961:

Grading, drainage, paving and structure on Bridge No. 208 over Little Alamance Creek (Tributary 5) on SR 3051 (Knox Road) with the right of way indicated upon the final plans for said project.

(Division 8)

Project No. 33712.2.FD1; Chatham County; I.D. No. B-4461:

Grading, drainage, paving and structure on Bridge No. 10 over Shaddox Creek on SR 1916 (Corinth Road) with the right of way indicated upon the final plans for said project.

Project No. 40158.2.1; Hoke/Scotland Counties; I.D. No. B-4967:

Grading, drainage, paving and structure on Bridge No. 8 over Drowning Creek on SR 1412/SR 1203 (Turnpike Road) with the right of way indicated upon the final plans for said project.

(Division 11)

Project No. 42256.2.FD1; Watauga County; I.D. No. B-5118:

Grading, drainage, paving and structure on Bridge No. 55 over Lance Creek on SR 1557 (Shull's Mill Road) with the right of way indicated upon the final plans for said project.

(Division 12)

Project No. 38538.2.2; Iredell County; I.D. No. B-4766:

Grading, drainage, paving and structure on Bridge No. 69 over Rocky Creek on NC 115 with the right of way indicated upon the final plans for said project.

Project No. 42303.2.FD1; Iredell County; I.D. No. B-5142:

Grading, drainage, paving and structure on Bridge No. 57 over Cornelius Creek on SR 1302 with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 46125.2.1; Jackson County; I.D. No. B-5410:

Grading, drainage, paving and structure on Bridge No. 221 over Little Savannah Creek on SR 1367 with the right of way indicated upon the final plans for said project.

FINAL RIGHT OF WAY PLANS

13 PROJECT(S)

\$0.00

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 5, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 33 as presented at the June 2, 2016 Board of Transportation Meeting.

(Division 5)

Project No. 34745.2.8; I.D. No. U-0071; Durham County:

Final Right of Way plans approved on the minutes of the November 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 5 & 6 as presented at the June 2, 2016 Board of Transportation Meeting.

(Division 6)

Project No. 34866.2.2; I.D. No. U-2810C; Cumberland County:

Committee Reports

Chair Curran – Chair of the Audit Committee, Audit Committee did not meet.

Chair Curran – Chair of the Road Naming Committee, provided an update.

Jake Alexander, Chair of the Highways Committee, provided an update.

Andy Perkins, Chair of the Multi-Modal Committee, provided an update.

Cheryl McQueary, Chair of the Funding & Appropriation Strategies Committee, provided an update of the combined meeting of FAST and EDIR.

Other Business

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 9:40 a.m.



A handwritten signature in black ink, appearing to read 'E. Curran', written over a horizontal line.

Chairman,
North Carolina Board of Transportation

Attest: *Lurea W. Batts*
Secretary to the Board of Transportation

Dated this 30th day of June, 2016