

# I N D E X

## BOARD OF TRANSPORTATION MEETING

August 4, 2016

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## **Board of Transportation Meeting**

**August 4, 2016**

### **Call to Order**

Chairman Curran called the meeting of the Board of Transportation to order at 8:32 a.m. Thursday, August 4, 2016 in Raleigh, North Carolina with the following members present: Fearing, Overholt, Blount, Fountain, Tulloss, Sheehan, Crawford, Hutchens, McQueary, Molamphy, Alexander, Dodson, Palermo, Wetmore, Brown and Debnam.

Board Member Lennon and Perkins were absent.

### **Invocation**

The invocation was offered by Board Member McQueary.

### **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 June 30, 2016 Board Meeting**

The minutes of the June 30, 2016 Board of Transportation meeting were unanimously approved upon a motion by Board Member Fountain, seconded by Board Member Blount.

### **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 asked Amy Hoover and Eric Boyette to come forward. On Monday, much to her surprise, Amy Hoover, Manager of IT's Operations/Help Desk received the Employer Support of the Guard and Reserve Patriot Award. An employee serving in the National Guard or Reserve or the spouse of a Guard or Reserve member, may nominate individual supervisors and bosses for support provided directly to the nominating service member and his or her family. Amy was nominated for the award by Kenneth Flowers, Technical Support Technician. The Secretary stated he also signed a Statement of Support for the Guard and Reserve on behalf of the department. He congratulated and thanked Amy for her hard work and service.

Eric was named as a 2016 CIO Awards winner by the *Triangle Business Journal*. This year's winners include seven individuals from both the public and private sectors who are changing the Triangle business community through information technology. He said the department recently announced an expanded role for Eric—in addition to our CIO, he also now serves as Deputy State CIO and leader of the Solution Delivery Division within the NC Department of Information Technology. In this role, he will lead a team of IT professionals that serve as the central point of design, development, implementation, and management of business applications for DIT. He read a letter from Governor McCrory congratulating Eric on his accomplishments.

He asked Robert Broome to stand. Rob is our new Communications Director who is working with Deputy Secretary Crystal Feldman and our Communications Office. Rob is a seasoned public affairs professional with two decades of experience in communications, media relations, public policy and grassroots advocacy. He most recently served as a public affairs consultant to several Realtors associations throughout the Southeast, and was formerly the Director of Public Policy of the North Carolina Association of Realtors. Secretary Tennyson welcomed Rob to the Department.

He then asked JoAna McCoy please stand. JoAna has joined our Office of Civil Rights as the Education Initiatives Coordinator. Her responsibilities include leading our HBCU/MIHE Internship Program and the National Summer Transportation Institute program, as well as K-12 and collegiate education initiatives for the department. She also recently brought together 14 elementary school teachers for a summer STEM event. Prior to joining NCDOT, JoAna served as the Title VI Coordinator and EEO Investigator for the Kentucky Transportation Cabinet, and she also has a background in directing STEM programs through her work at Kentucky State University. Secretary Tennyson welcomed JoAna to the Department.

He asked Wayne Branch to stand. Wayne is not new to our department, but we want to recognize him because he has taken on the role of Interim Deputy DMV Commissioner. Wayne joined NCDOT this past April as Director of Customer Service Strategies and is responsible for all aspects of customer interactions with the department to help make our operations more efficient and responsive to the needs of our internal and external customers. He congratulated Wayne on his new role.

The Secretary stated the department had a few major milestones since our last meeting. First, on June 30 the Governor, Secretary Kluttz, Board Member Patrick Molamphy and the Secretary joined other officials to break ground on the U.S. 64 Asheboro Bypass. This important project will enhance travel along the U.S. 64 corridor and also improve access to the North Carolina Zoological Park.

He said the department has also had a really big month for rail with an event regarding the construction of the Sugar Creek Road Grade Separation project in Charlotte on July 11<sup>th</sup>, and also a ribbon cutting for the Hopson Road Grade Separation project in Durham on July 12.

Earlier this week, the Governor and the Secretary had the chance to view construction on the Tenth Street Connector project in Greenville, which includes construction of a new bridge over the tracks at Dickinson Avenue. All of these grade separations are critically important in the department's efforts to improve safety and mobility for both vehicles and trains. Commerce Secretary Skvarla and the Secretary also had the unique opportunity to join folks from the Rail Division for a firsthand look at the rail improvements the department has underway between Raleigh and Charlotte as part of the Piedmont Improvement Program from aboard the Amtrak's American View rail car. While all of this is very exciting, perhaps the biggest news coming out of the Rail Division this month was back to back announcements the Governor made on July 19<sup>th</sup> that CSX will be locating its Carolina Connector in Edgecombe County and that CSX will begin operating the *Queen City Express*, a direct intermodal rail service between the Port of Wilmington and its terminal in Charlotte.

He recognized John Dillard, Regional Vice President for Public Affairs with CSX and thanked him and CSX for their continued support of transportation in North Carolina and for helping the department make these outstanding projects a reality. He also recognized Paul Worley, Rail Director and the Rail Division for their tremendous work on all these efforts.

The new state budget was approved this past month, and stated that it continues our investment in our state's transportation system. It eliminates the possibility of tolling for the Hatteras, Currituck, Cherry Branch and Pamlico River ferry routes and creates a recurring annual appropriation of \$4 million for vessel replacement. It also sets aside \$3.65 million for the purchase of a passenger ferry that will carry pedestrian traffic from Hatteras into Ocracoke Village and funds a \$2.3 million expansion of the State Shipyard in Manns Harbor that will allow more long-term ferry restoration.

Secretary Tennyson showed a brief video that highlighted the department's annual Statewide Rodeo competition on July 12. Several of the winners are here today, along with Scott Mabry who will be presenting on this event and the role it plays in our safety efforts. He thanked everyone involved with making the Rodeo a success and congratulated all the competitors.

#### **Rodeo Award Recognition**

Scott Mabry, Director of Safety and Risk Management Division, recognized Cliff Jenkins, Jeff Brown, Travis Roberts, Stacy Miller, Froylan Plasola, Lynn Dagenhart, David Brown, and Swindell Simmons all are Rodeo winners. Winners not able to attend were Brian Schmidt, Todd Hunt, Brad Cook, and Josh Leatherman. Also attending were safety officers Brian Leonhardt, Richard Thompson, Debbie Leonard, and Rhonda Walker.

#### **The Carolina Connector Intermodal Terminal Update**

Paul Worley gave a presentation on the progress of the Carolina Connector Intermodal Terminal.

#### **Division 14 Update**

Board Member Jack Debnam provided a PowerPoint presentation to give an update and share concerns and challenges in Division 14.

#### **Approval of Projects**

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

#### **Delegated Authority Items**

#### **Approval – Award of Highway Construction Contracts in the July 19, 2016 Letting**

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

<b>Project</b>	<b>Contract Awarded To</b>	<b>Amount</b>
C203749 38533.3.1 STATE FUNDED	S T WOOTEN CORPORATION WILSON, NC	\$2,548,869.25

HALIFAX B-4761		
C203751 42263.3.1 BRNHS-0070(119) WAKE B-5121, B-5317	ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	\$36,902,396.26
C203567 34915.3.FR1 STP-55(20) DURHAM U-3308	ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	\$39,756,916.81
C203659 33727.3.FS1 BRNHS-0024(24) CUMBERLAND B-4490	S T WOOTEN CORPORATION WILSON, NC	\$25,232, 140.73
C203895 45647.3.1, 45660.3.1 STATE FUNDED ROBESON, BLADEN, CUMBERLAND B-5693, ETC	SMITH-ROWE, LLC MOUNT AIRY, NC	\$5,487,873.50
C203901 52010.3.1, 53005.3.1 NHPP-0040(6)208 NHPIM-0040(7)208 GUILFORD 1-5734, 1-5762	PENHALL COMPANY ANAHEIM, CA	\$7,213,907.55
C203896 2017CPT.08.01.10631, 2017CPT.08.01.20631, 44329.3.1 STATE FUNDED MOORE SS-4908AS	RILEY PAVING INC CARTHAGE, NC	\$5,348,172.94
C203893 2017CPT.08.02.10621, 2017CPT.08.02.10761, 2017CPT.08.02.20621, 2017CPT.08.02.20761 STATE FUNDED MONTGOMERY, RANDOLPH	RILEY PAVING INC CARTHAGE, NC	\$5,200,428.04

C203890 2017CPT.08.03.10771, 2017CPT.08.03.20771 STATE FUNDED RICHMOND	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$2,517,678.04
C203899 50080.3.FD1 HSIP-4315(2) FORSYTH W-5510	YATES CONSTRUCTION CO., INC. STOKESDALE, NC	\$4,040,542.96
C203889 42265.3.1 STATE FUNDED CABARRUS B-5123	BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	\$8,166,996.95
C203874 46426.3.1 NHPIM-0085(025) GASTON 1-5893	THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	\$7,928,818.15
C203891 2017CPT.13.01.10111, 2017CPT.13.01.20111, 2017CPT.13.01.20112 STATE FUNDED BUNCOMBE	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNOXVILLE, TN	\$9,499,514.00
C203897 2017CPT.13.03.10571, 2017CPT.13.03.20571, 2017CPT.13.03.20572 STATE FUNDED MADISON	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC- ATLANTIC INC KNOXVILLE TN	\$4,083,339.03
C203894 2017CPT.13.04.10591, 2017CPT.13.04.20591, 2017CPT.13.04.20592 STATE FUNDED MCDOWELL	MAYMEAD, INC. MOUNTAIN CITY, TN	\$3,439,286.82
C203892 2017CPT.13.05.10611, 2017CPT.13.05.20611, 2017CPT.13.05.20612 STATE FUNDED MITCHELL	MAYMEAD, INC. MOUNTAIN CITY, TN	\$1,712,770.99

C203898  
2017CPT.13.06.10811,  
2017CPT.13.06.20811,  
2017CPT.13.06.20812  
STATE FUNDED  
RUTHERFORD

HARRISON CONSTRUCTION COMPANY \$5,850,446.38  
DIVISION OF APAC-ATLANTIC INC  
KNOXVILLE, TN

### Approval - Professional Services Management

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

#### Technical Services

##### Roadway Design

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 prepare Right of Way and Let Plans for the projects 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. These are for information only.

##### DIVISION 9

Project: 34839.1.7 (U-2579AA) Forsyth County  
Winston-Salem Northern Beltway Eastern  
section (Future I-74) from US 311 to I-40  
Scope of Work: Prepare Right of Way and Let Plans  
Estimated Construction Cost: \$85,180,000.00  
Firm: Vaughn & Melton Consulting Engineers, Inc.,  
Raleigh, NC  
Maximum Engineering Fee: \$1,500,000.00  
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc. \$525,000.00  
35%

Project: 34839.1.8 (U-2579AB) Forsyth County  
Winston-Salem Northern Beltway Eastern  
section (Future I-74) from I-40 to I-40  
Business/US 421  
Scope of Work: Prepare Right of Way and Let Plans  
Estimated Construction Cost: \$174,830,000.00  
Firm: HDR Engineering Inc. of the Carolinas,  
Raleigh, NC  
Maximum Engineering Fee: \$1,500,000.00  
SPSF Utilization: 0%

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts are 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



Scope of Work: SR 1118 (Parkton Road)  
 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  
 Supplemental Fee: \$750,000.00  
 Supplemental Work: Prepare additional Right of Way and Let Plans  
 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  
 Supplemental Fee: \$750,000.00  
 Supplemental Work: Prepare additional Right of Way and Let Plans  
 SPSF Utilization: 0%

### **Geotechnical Engineering**

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract is 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: 2014 Geotechnical Engineering LSC  
 Firm: Geosyntec Consultants of NC, PC, Raleigh, NC  
 Original Engineering Fee: \$1,000,000.00  
 Supplemental Fee: \$1,000,000.00  
 DBE/MBE/SPSF Utilization: A1 Consulting Group, Inc. \$100,000.00  
 10%  
 DBE/WBE/SPSF Utilization: Falcon Engineering, Inc. \$50,000.00  
 5%  
 DBE/WBE/SPSF Utilization: Prism Laboratories, Inc. \$50,000.00  
 5%

### **Project Development and Environmental Analysis**

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

### **DIVISION 3**

Project: 37764.1.1 (U-4434) New Hanover County  
 Independence Boulevard Extension from  
 Randall Parkway to Martin Luther King, Jr.

Scope of Work:	Parkway in Wilmington EIS/ROD
Estimated Construction Cost:	\$76,600,000.00
Firm:	AECOM Technical Services of NC, Inc., Raleigh, NC
Original Engineering Fee:	\$ 386,000.00
Previous Supplemental Fee:	\$1,400,000.00
Supplemental Fee:	\$ 500,000.00
Supplemental Work:	Additional funding to continue planning, environmental and preliminary engineering services
DBE/MBE Utilization:	Triangle Aerial Surveys, Inc. \$5,000.00 1%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$5,000.00 1%

### **Transportation Program Management**

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

### **DIVISIONS 10 & 12**

Project:	34181.1.7 (I-3311C, I-5405, I-4750AA) Mecklenburg & Iredell Counties I-77 from I-277 in Charlotte to Exit 36 at Mooresville
Scope of Work:	Study for the I-77 HOV to HOT conversion
Firm:	KPMG Corporate Finance, LLC, Dallas, Texas
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$4,190,000.00
Supplemental Fee:	\$ 446,500.00
Supplemental Work:	Commercial and Financial Support (Developing and refining contract administration plan; Support with developing tools to enhance monitoring and administering the contract; Additional stakeholder meetings; Contract administration)
SPSF Utilization:	0%

**Chief Engineer**

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

### **DIVISION 8**

Project:	34450.3.8 (R-2536) Randolph County US 64 (Asheboro Southern Bypass) from US 64 west of Asheboro to Existing US 64 east of
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	Asheboro and Zoo Connector from east of SR 2839 (Staleys Farm Road) to existing NC 159/Zoo Entrance
Scope of Work:	Construction Engineering and Inspection
Estimated Construction Cost:	\$208,500,000.00
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$11,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. \$3,300,000.00 30%

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts are 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 7**

Project:	34924.3.1 & 34924.3.2 (U-3326A & U-3326B) Rockingham County US 29 Business (Freeway Drive) from SR 2670 (South Scales Street) to NC 14 in Reidsville
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$50,749,004.96
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$ 850,000.00
Supplemental Work:	Additional Construction Engineering and Inspection Services
SPSF Utilization:	0%

**DIVISIONS 5, 7-9**

Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Stewart Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	100%

**STATEWIDE**

Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Mott MacDonald I&E, LLC, Fuquay-Varina, NC (Formerly Hatch Mott MacDonald I&E, LLC)
Original Engineering Fee:	\$2,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$6,000,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC \$120,000.00 2%
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group, Inc.

	\$60,000.00	
	1%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$120,000.00
	2%	
SPSF Utilization:	Axiom Environmental, Inc.	\$60,000.00
	1%	
SPSF Utilization:	Ecosystem Planning and Restoration, PLLC	\$120,000.00
	2%	

### Field Support

#### Maintenance Operations and Fleet Management

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract is 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:	Management of the Outdoor Advertising Program
Firm:	Volkert, Inc., Raleigh, NC
Original Engineering Fee:	\$ 900,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	0%

### Transit

#### Aviation

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for General Aviation Professional Services on an as needed basis for various federal-aid and state funded projects to support the Division of Aviation. These contracts will expire 3 years 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:	General Aviation LSC
Firm:	AECOM Technical Services North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$500,000.00
	10%
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. \$250,000.00
	5%
SPSF Utilization:	Geodata Corp. \$250,000.00
	5%
Description of Work:	General Aviation LSC
Firm:	Atkins North America, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group, Inc. \$50,000.00
	1%

SPSF Utilization:	Economic Development Research Group \$50,000.00 1%
SPSF Utilization:	Geodata Corp. \$50,000.00 1%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$150,000.00 3%
DBE/MBE/SPSF Utilization:	Walls Engineering PLLC \$500,000.00 10%
Description of Work:	General Aviation LSC
Firm:	Avcon, Inc., Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$350,000.00 7%
SPSF Utilization:	Parrish and Partners of NC PLLC \$250,000.00 5%
DBE/MBE/SPSF Utilization:	Walls Engineering PLLC \$250,000.00 5%
Description of Work:	General Aviation LSC
Firm:	CH2M Hill, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$250,000.00 5%
DBE/WBE/SPSF Utilization:	Marr Arnold Planning LLC \$250,000.00 5%
DBE/MBE/SPSF Utilization:	RDM International, Inc. \$500,000.00 10%
DBE/MBE/SPSF Utilization:	Walls Engineering PLLC \$500,000.00 10%
SPSF Utilization:	Catlin Engineers and Scientists \$250,000.00 5%
Description of Work:	General Aviation LSC
Firm:	Delta Airport Consultants, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	Walls Engineering PLLC \$500,000.00 10%
DBE/WBE/SPSF Utilization:	Marr Arnold Planning LLC \$250,000.00 5%
Description of Work:	General Aviation LSC
Firm:	Mott MacDonald I&E, LLC, Fuquay-Varina, NC (Formerly Hatch Mott MacDonald I&E, LLC)
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	Cheatham and Associates \$50,000.00 1%
SPSF Utilization:	Parrish and Partners of NC, PLLC \$50,000.00 1%

Description of Work: General Aviation LSC  
Firm: Kimley-Horn and Associates, Inc., Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/WBE/SPSF Utilization: Aviation Alliance, Inc. \$500,000.00  
10%

Description of Work: General Aviation LSC  
Firm: KPR Engineering, PLLC, Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 100%

Description of Work: General Aviation LSC  
Firm: Michael Baker Engineering, Inc., Cary, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/WBE/SPSF Utilization: Falcon Engineering, Inc. \$250,000.00  
5%  
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC \$250,000.00  
5%  
DBE/MBE/SPSF Utilization: MA Engineering Consultants, Inc. \$250,000.00  
5%  
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$250,000.00  
5%

Description of Work: General Aviation LSC  
Firm: Parrish and Partners of NC, Greensboro, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 100%

Description of Work: General Aviation LSC  
Firm: RS&H Architects-Engineers-Planners, Inc.,  
Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$200,000.00  
4%  
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC \$300,000.00  
6%

Description of Work: General Aviation LSC  
Firm: SEPI Engineering & Construction, Inc.,  
Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 0%

Description of Work: General Aviation LSC  
Firm: Talbert & Bright, Inc., Wilmington, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 100%

Description of Work: General Aviation LSC  
Firm: Talbert, Bright & Ellington, Inc., Charlotte, NC  
Maximum Engineering Fee: \$5,000,000.00

DBE/WBE/SPSF Utilization: AccuTech Surveying & Mapping LLP  
\$250,000.00  
5%

Description of Work: General Aviation LSC  
Firm: WK Dickson & Co., Inc., Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$250,000.00  
5%

Description of Work: General Aviation LSC  
Firm: WSP/Parsons Brinckerhoff, Inc., Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC, \$500,000.00  
10%

Description of Work: General Aviation LSC  
Firm: Three Oaks Engineering, Inc., Durham, NC  
Maximum Engineering Fee: \$1,000,000.00  
DBE/WBE/SPSF Utilization: 100%

**Ferry**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Ferry Division Professional Services on an as needed basis for various federal-aid and state funded projects to support the Ferry Division. These contracts will expire two (2) years (with up to three (3) one-year extensions) 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: 2016 Ferry Division Professional Services LSC  
Firm: Moffatt & Nichol, Inc., Raleigh, NC  
Maximum Engineering Fee: \$1,000,000.00  
SPSF Utilization: 0%

Description of Work: 2016 Ferry Division Professional Services LSC  
Firm: Mott MacDonald I&E, LLC, Fuquay-Varina, NC  
(Formerly Hatch Mott MacDonald I&E, LLC)  
Maximum Engineering Fee: \$1,000,000.00  
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
Henderson Div. 14	SR 1718 Little Hungry Road	GDB&P. Increase Funds. WBS 14C.045155	\$1,494.53

Polk Div. 14	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 14C.075027	\$18,874.73
Transylvania Div. 14	SR 1350 Pinnacle Road	GDB&P. Increase Funds. WBS 14C.088083	\$100,000.00

**August 2016 Item E Summary:**

**2 Projects to Increase Funds Amount: \$20,369.26**

**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 Gates	Installation of traffic caution lights at Central Middle School and Gates County High School on US-158 WBS 44845	Contingency <hr/> TOTAL	\$30,000.00 <hr/> \$30,000.00
Div 2 Lenoir	Construct an access road, approximately 1,440 ft in length and 20 ft wide, for the maintenance building on the Lenoir Community College Campus WBS 48119	Contingency <hr/> TOTAL	\$133,000.00 <hr/> \$133,000.00
Div 2 Pitt	City of Greenville – Install Traffic Signal at the intersection of NC-33 (E 10th St) and Silver Maple Lane WBS 48123	Contingency <hr/> TOTAL	\$128,000.00 <hr/> \$128,000.00
Div 4 Johnston	Provide access from Kellie Dr over to Neuse Charter School  WBS 80025	Contingency <hr/> TOTAL	\$413,000.00 <hr/> \$413,000.00
Div 4 Johnston	Provide access from Kellie Dr to Smithfield Selma High School  WBS 80026	Contingency  <u>Public Access</u> TOTAL	\$248,000.00  \$50,000.00 \$298,000.00
Div 7 Alamance	Town of Haw River – WBS 3607.3.08 was established (08/11) for widening, curb & gutter, and construction of sidewalk along NC-49 (Main St) between Lang and Stone St (Improvements to Main St sidewalk between Stone St and John Robert Watkins bridge) Increase funds	Contingency <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00



Div 7 Guilford	Signal installation at the intersection of US-70 (East Wendover Ave) and SR 2828 (Willowlake Rd) WBS 44906	Contingency <hr/> TOTAL	\$130,000.00 <hr/> \$130,000.00
Div 9 Davidson	Town of Denton – Drainage improvements on NC-109 600 ft north of SR 2559 WBS 44775	Contingency <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00
Div 9 Rowan	Town of Spencer – Drainage improvements on 4th St (City street) between US-29 (Salisbury Ave) and Iredell Ace (non-system) WBS 44793	Contingency <hr/> TOTAL	\$390,000.00 <hr/> \$390,000.00
Div 10 Mecklenburg	City of Charlotte – Realignment of John Kirk Rd from NC-49 to Mallard Creek Church Rd  WBS 44829	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 11 Ashe	Town of West Jefferson – WBS 33935.2.7 was established (02/14) for pedestrian improvements to include curb & gutter, drainage, sidewalk, paving, and landscape plantings on East Second St from North Jefferson Ave to Fifth Ave Increase funds	Contingency <hr/> TOTAL	\$130,000.00 <hr/> \$130,000.00

<b>Summary:</b>	<b>Number of Projects</b>	<b>11</b>
	<b>Number of Divisions</b>	<b>7</b>
	<b>Small Construction Commitment</b>	<b>\$0.00</b>
	<b>Public Access Commitment</b>	<b>\$50,000.00</b>
	<b>Contingency Commitment</b>	<b>\$2,002,000.00</b>
	<b>Economic Development</b>	<b>\$0.00</b>
	<b>TOTAL</b>	<b>\$2,052,000.00</b>

### Approval – Specific Spot Safety Improvement Projects

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

<b>Town/County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Jacksonville/ Onslow Co. Div. 3 SS-4903BE	WBS 43862.3.1 NC 53 (Western Boulevard) and SR 1308 (Gum Branch Road). \$316,000.00 in construction funds has previously been approved for turn lane construction and pavement markings installation. Project to be constructed under U-5319. Delete project, reduce funds, and close WBS. File 03-12-22566-1	-\$315,947.16



Johnston	51131	0.10 0.11	<b>Carriage Creek Subdivision</b> Carriage Creek Drive Hearon Love Court	5/16/16
Johnston	51132	0.72 0.05	<b>The Creeks at Millstone Subdivision</b> Bridgeport Circle Westfield Circle	5/23/16
Johnston	51133	0.06 0.08	<b>Creekview Subdivision</b> Glen Forest Drive Ridgeview Drive	5/24/16
Johnston	51134	0.18	<b>Huckleberry Subdivision</b> Sawyer Court	5/26/16
Wayne	51135	0.77 0.03 0.05 0.08	<b>Cambridge Farms Subdivision</b> Braswell Road, SR 1239 Ext. Eagle Scout Place Tenderfoot Drive Strike Eagle Run	5/13/16
Wilson	51136	0.21	<b>Willow Ridge Subdivision</b> Gentle Breeze Drive	6/23/16
Wilson	51137	0.31 0.19 0.05	<b>Gabriel's Landing Subdivision</b> Gabriel's Way Lacey Lane Gayle Court	6/22/16
<b>Division 6</b> Cumberland	51138	0.05	Angelia M. Street, SR 1941 Ext.	6/20/16
Cumberland	51139	0.18 0.13	<b>Camden Woods Subdivision</b> Fallberry Drive Whisper Oaks Court	6/17/16
Cumberland	51140	0.10 0.10	<b>Cypress Lakes Village Subdivision</b> Perfection Lane, SR 4517 Ext. Debut Avenue, SR 4516	6/23/16
Cumberland	51141	0.04 0.34 0.19 0.03 0.70 0.30 0.13 0.32 0.26 0.04	<b>Estates of Camden Subdivision</b> Kersey Avenue Stretton Avenue Kimbolton Drive Aldbury Drive Newgate Street Watford Way St. Ives Court Quarry Hollow Drive Market Hill Drive Marston Drive	6/1/16

Cumberland	51142	0.48	<b>Longbranch Subdivision</b> Pridgeonfarm Road	6/13/16
Harnett	51143	0.33	<b>Sweetbriar Estates Subdivision</b> Pine Oak Lane	5/24/16
Harnett	51144	0.09	<b>Marvin's Place Subdivision</b> Doris Drive	6/10/16
Harnett	51145	0.66 0.05 0.05	<b>Carolina Oaks Subdivision</b> Carolina Oaks Circle William Bethune Court Nordica Court	6/28/16
Harnett	51146	0.06 0.31 0.08	<b>Birchfield Subdivision</b> Birchfield Court River Birch Run Birch Grove Lane	6/13/16
<b>Division 7</b>				
Guilford	51147	0.26 0.05 0.06	<b>Kensington Place Subdivision</b> Grove Park Drive, SR 4479 Ext. Union Grove Road N., SR 2020 Ext. Sedwick Way	5/25/16
<b>Division 9</b>				
Forsyth	51148	0.07	<b>Spicewood Trails Subdivision</b> Creekfield Way	6/21/16
Rowan	51149	0.27	<b>Hidden Oaks Subdivision</b> Hidden Oaks Drive	6/6/16
<b>Division 11</b>				
Wilkes	51150	0.50	<b>Moravian Plaza Subdivision</b> Plaza Drive	4/15/85
<b>Division 12</b>				
Gaston	51151	0.32	<b>Home Place Subdivision</b> Candlewick Trail, SR 2883 Ext.	7/1/16
Iredell	51152	0.08	<b>Lake Norman Airpark</b> Airplane Court	2/3/16
Lincoln	51153	0.30	<b>Goodson Place Subdivision</b> Kinks Lane	4/15/16
<b>Deletions:</b>				
<b>County</b>	<b>Pet. No.</b>	<b>Length (Miles)</b>	<b>Description</b>	<b>Date of Report</b>
Division 9 Forsyth	51154	0.77	SR 2042 Graves Street	5/11/16

**Division 12**

Cleveland 51155 0.14 Portion of SR 1918 Fielding Road 6/21/16

**CORRECTIONS:**

Division 12, Lincoln County Petition Number 51091 was listed as W. Haley Court. It should be listed as Haley Court.

**Summary: Number of Roads Petitioned for Addition – 53  
Number of Roads Petitioned for Abandonment – 2**

**Approval – Public Transportation**

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

Town/County Division	5317 Program – Grant Amendment Funding	Estimated Cost
Macon County 14	15-NF-027 – 17-RS-126 Macon County Macon County will use operating funding for a transit route that will provide service to assisted living housing and other sites at 30 minute intervals in the rural Town of Franklin and surrounding area. The services are designed to improve mobility options disabled persons in the rural mountain region.	\$54,000 Total \$27,000 Federal \$0 State \$27,000 Local

**ITEM I-1 SUMMARY - 1 PROJECT - TOTAL STATE/FEDERAL \$ 27,000**

**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-5221	Cape Fear Public Transportation Authority	Replacement LTV	State	S	23						
			Local	L	203						
TA-5222	Cape Fear Public Transportation Authority	Replacement LTV	FBUS	5339	300	200	200	200			
			State	S	37	25	25	25			
			Local	L	38	25	25	25			
TA-5223	Cape Fear Public Transportation Authority	Replacement Bus	FBUS	5339	1,472	1,116	1,128	1,140			
			State	S	184	139	141	143			
			Local	L	184	139	141	143			
TA-5224	Cape Fear Public Transportation Authority	Replacement Trolley	FBUS	5339					560		
			State	S					70		
			Local	L					70		
TP-5125	Cape Fear Public Transportation Authority	Planning SRTP	FUZ	5307	120						
			Local	L	30						

TQ-8019	Cape Fear Public Transportation Authority	Mobility Manager	FEPD	5310	41	41	41	41	41		
			Local	L	10	10	10	10	10		
TG-5243	Cape Fear Public Transportation Authority	Preventive Maintenance	5307	STPDA	86						
			Local	L	31						
TG-5246	Cape Fear Public Transportation Authority	ADA Compleme ntary Paratransit	5307	STPDA	265						
			Local	L	66						
TO-5215	North Carolina Department of Transportation (PTD)	Operating Fundindg for Davidson County Transportation for service in High Point Urban Area	FUZ	5307					90		
			Local	L					90		
TO-5216	North Carolina Department of Transportation (PTD)	Operating Funding for Guilford County Transportation for service in High Point Urban Area	FUZ	5307					35		
			Local	L					35		
TO-5217	North Carolina Department of Transportation (PTD)	Operating Funding for Orange Public Transportation for service in Burlington Urban Area	FUZ	5307					47		
			Local	L					47		
TD-5260	GoTriangle	Hillsborough Park and Ride – Planning/Design/PE	5307	STPDA					112		
			Local	L					125		
TA-5217	Apple Country Transit	Purchase Replacement Paratransit Van	FUZ	5307					35		
			Local	L					21		
TA-5220	Piedmont Authority for Regional Transportation (Winston-Salem Urban Area)	Purchase Replacement Vehicles	5307	STPDA					800		
			Local	L					200		
TA-5221	North Carolina Department of Transportation	Capital for Orange Public Transportation in the Durham Chapel Hill Carrboro Urban Area	FBUS	5339	16						
			Local	L	4						
TO-5220	North Carolina Department of Transportation	Operating Assistance for Orange Public Transportation for service in the Durham Chapel Hill Carrboro Urban Area	FUZ	5307	65						
			Local	L	65						

**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)
TO-5214	North Carolina Department of Transportation (PTD)	Operating Funding for Alamance County Transportation in the Burlington Urban Area	FUZ	5307	321	321					
			Local	L	321	321					
TQ-6513	Cape Fear Public Transportation Authority	Operating Assistance	FEPD	5310	85	85	85	85	85		
			Local	L	85	85	85	85	85		
TG-5245	Cape Fear Public Transportation Authority	Preventive Maintenance	FUZ	5307	603	603	251	251	251		
			Local	L	201	201	63	63	63		

**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)
TA-5218	GoTriangle	Purchase of Replacement Paratransit Vehicles (3) and Related Equipment	FUZ	5307		226					
			State	S		28					
			Local	L		28					
TA-5219	GoTriangle	Purchase of Replacement Buses (5)	FUZ	5307		1,880					
			State	S		235					
			Local	L		235					
TA-5225	GoTriangle	Purchase of Replacement Bus (1) and Vanpool Vehicles (5)	FBUS	5339		502					
			State	S		63					
			Local	L		63					
TD-5278	GoTriangle	Facility Maintenance and Operations Center Mezzanine Project – Design, Engineering, and Construction	FUZ	5307		72	85	243			
			State	S		9	11	30			
			Local	L		9	11	30			
TD-5273	GoTriangle	Rougemont Park and Ride – Professional Services and Property Acquisition	FUZ	STPDA	116						
			Local	L	133						

**Item I-1A, 24 Projects, Total Federal/State funds \$15,530,000**

**Approval – Rail Program**

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

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Division 6, 8 Cumberland County Hoke County	The Rail Division requests Board partial reallocation of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern (NS) Agrium to the crossing signal upgrades on Whitfield Road (SR 1168, Crossing No. 847 213C), Scott Currie Road (SR 1458, Crossing No. 847 337V) and NC 20 (Crossing No. 847 338C) due to vehicle congestion related to switching activities. The Agrium site is no longer being pursued due to changes in economic priorities. Aberdeen & Rockfish will be responsible for the design and construction of the project within their operating right-of-way. The Department will review and approve Aberdeen & Rockfish prepared designs as well as construction. The total estimated cost to the Department is \$95,000.	\$95,000
Division 10 Mecklenburg County	As part of the Piedmont Improvement Program, the Rail Division requests approval to award a contract to the lowest responsive bidder for the Charlotte Locomotive and Railcar Maintenance Facility on West Summit Avenue in Charlotte. The project includes a 663 LF service platform, a 6980 SF building and three separate layover tracks on NCDOT-owned property adjoining Norfolk Southern right of way. The funding source is 100% Federal Railroad Administration ARRA. The total amount of the project is not to exceed \$14.2 million dollars. The project design, bidding, and construction must comply with State Construction Office requirements as per NCGS 143-341(3) Powers and duties of Department [of Administration]; Architecture and Engineering.	\$14,200,000

TIP-2918F

**ITEM I-2 SUMMARY – 2 PROJECT(S) – (TOTAL FEDERAL AND STATE) \$14,295,000**

**Approval – Aviation Program**

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

<b>Division Airport</b>	<b>Project Title Project Description [Partner Connect #]</b>	<b>Estimated Cost</b>
Division 11 Ashe County Airport	<b>Runway10-28, Taxiway &amp; Apron Overlay and Strengthening (Grant Amendment 36237.21.13.2)</b> Overlay and Strengthen Runway 10-28, Taxiway and Apron. Supplemental funds are required to address actual bid prices. [2565]	\$327,000 (F)

**ITEM I-4 SUMMARY – 1 PROJECT - (TOTAL FEDERAL COST) \$327,000**

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



## Approval of State Highway Trust Funds - Strategic Transportation Investments

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

Town/County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 U-5921 DIVISION	WBS 44683.1.1 SR 1713 (Laurie Ellis Road) from NC 11 to SR 1149 (Mill Street). Initial funds are requested for preliminary engineering.	\$100,000.00
Johnston Co. Div. 4 R-3825B DIVISION	WBS 34552.2.4 NC 42 from east of SR 1902 (Glen Laurel Road) to SR 1003 (Buffaloe Road). Initial funds are requested for full right of way.	\$3,100,000.00
Johnston Co. Div. 4 R-5769 DIVISION	WBS 46448.2.1 SR 1913 (Gordon Road) from US 70 Business to proposed NOVO Nordisk facility. Various roadway improvements including new access road. Initial funds are requested for full right of way.	\$50,000.00
Hoke Co. Div. 8 B-5755 DIVISION	WBS 45711.2.2 Replace Bridge #57 over Puppy Creek on SR 1406 (Rockfish Road). Initial funds are needed for utilities.	\$5,000.00
Hoke Co. Div. 8 B-5755 DIVISION	WBS 45711.2.1 Replace Bridge #57 over Puppy Creek on SR 1406 (Rockfish Road). Initial funds are requested for full right of way.	\$20,000.00
Randolph Co. Div. 8 U-5758 REGIONAL	WBS 50172.2.1 US 220 Business (Fayetteville Street) at the intersection of US 220 Business and Presnell Street in Asheboro. Initial funds are requested for full right of way.	\$450,000.00
Randolph Co. Div. 8 U-5758 REGIONAL	WBS 50172.2.2 US 220 Business (Fayetteville Street) at the intersection of US 220 Business and Presnell Street in Asheboro. Initial funds are needed for utilities.	\$75,000.00
Forsyth Co. Div. 9 U-5551 DIVISION	WBS 46310.3.1 New route east of SR 1101 (Harper Road) to SR 1103 (Lewisville-Clemmons Road) in Clemmons. Initial funds are requested for construction. <b>This is an Economic Development project.</b>	\$1,900,000.00
Alleghany Co. Div. 11	WBS 34605.3.2 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive)	\$6,400,000.00

R-4060 to US 21. Initial funds are requested for construction.  
DIVISION

Catawba Co. WBS 42364.1.1 \$500,000.00  
Div. 12 SR 1005 (Startown Road) from US 70 to NC 10. Initial funds are  
R-5113 requested for preliminary engineering.  
DIVISION

Buncombe Co. WBS 39741.1.2 \$600,000.00  
Div. 13 SR 3556 (Amboy Road-Meadow Road) from I-240 to US 25  
U-4739 (Biltmore Avenue). Initial funds are requested for preliminary  
DIVISION engineering.

**STRATEGIC TRANSPORTATION INVESTMENTS 11 PROJECTS \$13,200,000.00**

**Approval - Funds for Specific Federal-Aid Projects**

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

**Division 1  
Safety**

<b>Town/County PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Camden Co. W-5601HW DIVISION	50138.1.232, HSIP-1224(007) SR 1224 (Old Swamp Road) between approximately 550 feet south of SR 1225 (Lilly Road) and approximately 1200 feet north of SR 1225 (Lilly Road). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

**Division 2  
Safety**

Pitt Co. W-5601CJ REGIONAL	50138.3.89, HSIP-0043(025) NC 43 between just north of SR 1792 (Bess Farm Road) and approximately 0.1 mile south of SR 1793 (Ivan Harris Road); and NC 43 at SR 2241 (Ivey Road). Funds are needed for construction for safety improvements.	\$625,000.00 Cost \$562,500.00 Fed. \$62,500.00 State
Pitt Co. W-5601HU REGIONAL	50138.1.230, HSIP-0013(051) US 13 (Memorial Drive) at Moye Boulevard. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

**Project Mitigation**

Carteret Co.	38496.4.1, BRNHS-0070(084)	\$81,881.00 Cost
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B-4722WM REGIONAL	Replace Bridge #33 over North River on US 70. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$65,505.00 Fed. \$16,376.00 State
Greene Co. B-4755WM DIVISION	38527.4.1, BRZ-1215(002) Replace Bridge #65 over Apple Tree Swamp on SR 1215. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$1,514.00 Cost \$1,211.00 Fed. \$303.00 State

**Project Mitigation**

Lenior B-4565WM REGIONAL	33773.4.1, BRSTP-070B(005) Replace Bridges #42 and #43 over the Neuse River Overflow on US 70 Business and Bridges #26 and #28 on US 258 Business (South Queen Street). Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$140,069.00 Cost \$112,055.00 Fed. \$28,014.00 State
Pitt Co. B-5111WM DIVISION	42249.4.1, BRZ-1588(002) Replace Bridge #111 over Briery Swamp on SR 1588. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$4,703.00 Cost \$3,762.00 Fed. \$941.00 State

**Division 3  
Interstate**

New Hanover Co. I-5760 STATEWIDE	52038.3.1, NHPP-0040(017) I-40 from 2 miles east of SR 1509 (Stag Park Road) to US 421. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016.	\$5,500,000.00 Cost \$4,400,000.00 Fed. \$1,100,000.00 State
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**Bridge**

Brunswick Co. B-4440 DIVISION	38367.3.FD1, BRZ-1349(001) Replace Bridge #163 over Mulberry Branch on SR 1349. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016.	\$1,200,000.00 Cost \$960,000.00 Fed. \$240,000.00 State
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**Safety**

New Hanover Co. W-5203AA STATEWIDE	45333.3.27, HSIP-0117(029) US 117 / NC 132 (South College Road) from 0.5 miles south of Wilshire Boulevard to US 17 Business (Market Street) in Wilmington. (Combined with W-5601BB: US	\$1,150,000.00 Cost \$1,035,000.00 Fed. \$115,000.00 State
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117 / NC 132 (South College Road) at SR 1272 (New Center Drive) intersection). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016.

### Project Mitigation

New Hanover Co. B-4591WM DIVISION	38421.4.FD1, BRZ-1002(023)	\$72,625.00	Cost
	Replace Bridge #4 over Island Creek on SR 1002.	\$58,100.00	Fed.
	\$20,260.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$14,525.00	State

### Division 4 Interstate

Nash Co. I-5841 STATEWIDE	53047.1.1, NHPIM-0095(037)	\$10,000.00	Cost
	I-95 from SR 1745 (Bend of the River Road) to one mile north of NC 58. Funds are needed for preliminary engineering.	\$8,000.00	Fed.
		\$2,000.00	State

### Enhancement

Johnston Co. ER-5600DA STATEWIDE	46305.1.19, STP-0095(039)	\$5,000.00	Cost
	Exit 97 Interchange at I-95 and US 70. Funds are needed for preliminary engineering.	\$4,000.00	Fed.
		\$1,000.00	State
Johnston Co. ER-5600DA STATEWIDE	46305.3.19, STP-0095(039)	\$75,000.00	Cost
	Exit 97 Interchange at I-95 and US 70. Funds are needed for construction to replace plantings throughout the interchange.	\$60,000.00	Fed.
		\$15,000.00	State

### Safety

Edgecombe Co. W-5601HA REGIONAL	50138.3.210, HSIP-0097(040)	\$6,450.00	Cost
	NC 97 (Raleigh Boulevard) at NC 97 (Arlington Street). Funds are needed for construction for safety improvements.	\$5,805.00	Fed.
		\$645.00	State
Edgecombe Co. W-5601HF DIVISION	50138.3.215, HSIP-1005(041)	\$6,050.00	Cost
	SR 1005 (East Raleigh Boulevard) at Hill Street. Funds are needed for construction for safety improvements.	\$5,445.00	Fed.
		\$605.00	State
Edgecombe Co. W-5601HG DIVISION	50138.3.216, HSIP-1005(042)	\$5,425.00	Cost
	SR 1005 (East Raleigh Boulevard) at Marigold Street. Funds are needed for construction for safety improvements.	\$4,883.00	Fed.
		\$542.00	State

Edgecombe Co. W-5601HH REGIONAL	50138.3.217, HSIP-0043(027) NC 43 Business (North Fairview Road) at Rosewood Avenue. Funds are needed for construction for safety improvements.	\$7,000.00 Cost \$6,300.00 Fed. \$700.00 State
Nash Co. W-5601HB DIVISION	50138.3.211, HSIP-0097(041) NC 97 (West Raleigh Boulevard) at SR 1714 (Nashville Road). Funds are needed for construction for safety improvements.	\$7,930.00 Cost \$7,137.00 Fed. \$793.00 State
Nash Co. W-5601HC STATEWIDE	50138.3.212, HSIP-0301(038) US 301 (South Wesleyan Boulevard) southbound exit ramp at NC 97 (West Raleigh Boulevard). Funds are needed for construction for safety improvements.	\$4,380.00 Cost \$3,942.00 Fed. \$438.00 State
Nash Co. W-5601HD STATEWIDE	50138.3.213, HSIP-0301(039) US 301 (South Wesleyan Boulevard) at SR 1729 (Cooley Road). Construction funds are needed for safety improvements.	\$4,425.00 Cost \$3,983.00 Fed. \$442.00 State
Nash Co. W-5601HE STATEWIDE	50138.3.214, HSIP-0301(040) US 301 (North Wesleyan Boulevard) at SR 1541 (Jeffreys Road). Funds are needed for construction for safety improvements.	\$4,225.00 Cost \$3,803.00 Fed. \$422.00 State

### Project Mitigation

Nash Co. B-4939WM DIVISION	40170.4.1, BRZ-1433(004) Replace Bridge #156 over Basket Creek on SR 1433. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$29,893.00 Cost \$23,914.00 Fed. \$5,979.00 State
Wilson Co. B-4679WM DIVISION	33833.4.FD1, BRSTP-1164(004) Replace Bridges #65 and #66 (Combined with B-5126) over Swamps of Contentnea Creek at Wiggins Mill Reservoir on SR 1163 (Downing Road). \$7,548.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$27,056.00 Cost \$21,645.00 Fed. \$5,411.00 State

### Division 5 Congestion Mitigation

Morrisville/ Wake Co.	46233.3.1, CMS-0517(006) Crabtree Creek Greenway. Funds are needed for	\$2,954,360.00 Cost \$2,363,488.00 Fed.
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C-5168 EXEMPT	construction for Crabtree Creek Greenway including replacement of train trestle.	\$590,872.00	Local
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**Urban**

Wake Co. U-5118AD STATEWIDE	42379.3.F28, STPDA-0501(033) SR 1010 (Ten Ten Road) / US 1 southbound off-ramp and loop at SR 1010 and Waterford Green Drive. \$428,056.00 has previously been approved for construction. Additional funds are requested.	\$29,216.00 \$29,216.00	Cost Fed.
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**Safety**

Durham Co. W-5601HX REGIONAL	50138.1.233, HSIP-0055(061) NC 55 at Allendown Drive. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
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Durham Co. W-5601HY REGIONAL	50138.1.234, HSIP-0501(042) US 501 (Duke Street) at Stadium Drive. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
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Wake Co. W-5601AB REGIONAL	50138.2.29, HSIP-0096(019) NC 96 at NC 98. Funds are needed for full right of way.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
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Wake Co. W-5601BC REGIONAL	50138.3.56, HSIP-0042(062) NC 42 at SR 2736 (Rock Service Station Road). Funds are needed for construction for safety improvements.	\$375,000.00 \$337,500.00 \$37,500.00	Cost Fed. State
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Wake Co. W-5601CH DIVISION	50138.3.87, HSIP-1435(010) SR 1435 (Old Raleigh Road) at SR 1521 (Lake Pine Drive). Funds are needed for construction for safety improvements.	\$150,000.00 \$135,000.00 \$15,000.00	Cost Fed. State
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Wake Co. W-5601EY REGIONAL	50138.1.156, HSIP-0042(067) NC 42 at SR 2727 (Sauls Road). \$80,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$45,000.00 \$40,500.00 \$4,500.00	Cost Fed. State
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Wake Co. W-5601GF STATEWIDE	50138.3.189, HSIP-0040(044) I-40 Crossovers. Funds are needed for construction to close unofficial crossovers.	\$50,000.00 \$45,000.00 \$5,000.00	Cost Fed. State
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Wake Co. W-5601HZ STATEWIDE	50138.1.235, HSIP-000S(855) Various National Highway System (NHS) routes in Division 5 (Wake and Durham Counties). Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State
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### Project Mitigation

Franklin Co. B-4748WM DIVISION	38520.4.1, BRZ-1147(010) Replace Bridge #2 over Horse Creek on SR 1147. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$47,852.00 Cost \$38,282.00 Fed. \$9,570.00 State
Franklin Co. B-4749WM DIVISION	38521.4.1, BRZ-1200(005) Replace Bridge #27 over Middle Creek on SR 1200. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$27,206.00 Cost \$21,765.00 Fed. \$5,441.00 State
Person Co. B-4784WM DIVISION	38555.4.1, BRZ-1134(003) Replace Bridge #31 over Aldridge Creek on SR 1134. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,304.00 Cost \$5,043.00 Fed. \$1,261.00 State
Person Co. B-4785WM DIVISION	38556.4.1, BRZ-1142(007) Replace Bridge #24 over the North Flat River on SR 1142. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$10,048.00 Cost \$8,038.00 Fed. \$2,010.00 State
Wake Co. B-4659WM DIVISION	38456.4.1, BRZ-1393(003) Replace Bridge #373 over Bassal Creek on SR 1393. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$45,505.00 Cost \$36,404.00 Fed. \$9,101.00 State
Wake Co. B-4663WM DIVISION	38458.4.1, BRZ-2507(001) Replace Bridge #225 over Mark's Creek on SR 2507. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$23,536.00 Cost \$18,828.00 Fed. \$4,708.00 State
Wake Co. B-4697WM DIVISION	38474.4.1, BRZ-1600(009) Replace Bridge #55 over White Oak Creek on SR 1600. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$96,133.00 Cost \$76,906.00 Fed. \$19,227.00 State
Wake Co. B-5113WM DIVISION	42251.4.1, BRZ-1942(001) Replace Bridge #157 over Smiths Creek on SR 1942. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$14,384.00 Cost \$11,507.00 Fed. \$2,877.00 State

Program.

### Bicycle and Pedestrian

Raleigh/ Wake Co. U-5530GB DIVISION	44111.2.11, STPDA-0520(054) Construct a sidewalk along approximately 0.5 miles of Bridge Street crossing over the Norfolk Southern Railway in Fuquay-Varina. Funds are needed for full right of way.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 Local
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### Division 6 Bridge

Cumberland Co. B-4950 DIVISION	40108.2.1, BRZ-1851(003) Replace Bridges #171 and #172 over the South River on SR 1851 / SR 1426. Funds are needed for full right of way and utilities.	\$360,000.00 Cost \$288,000.00 Fed. \$72,000.00 State
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### Safety

Cumberland Co. W-5601AR DIVISION	50138.2.45, HSIP-1600(014) SR 1600 (McCormick Bridge Road), curve located approximately 0.3 miles south east of SR 1798 (Sandclay Road). Funds are needed for full right of way and utilities.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
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Harnett Co. W-5601AF DIVISION	50138.3.33, HSIP-1115(021) SR 1115 (Buffalo Lake Road) from north of SR 2530 (Cameron Pines Drive) to south of SR 1114 (Blanchard Road). Funds are needed for construction for safety improvements.	\$741,000.00 Cost \$666,900.00 Fed. \$74,100.00 State
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Robeson Co. W-5601GX STATEWIDE	50138.3.207, HSIP-0095(038) I-95 guardrail end unit upgrades. Funds are needed for construction for guardrail end unit upgrades.	\$280,000.00 Cost \$252,000.00 Fed. \$28,000.00 State
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### Project Mitigation

Bladen Co. B-4436WM DIVISION	38363.4.FD1, BRZ-1806(001) Replace Bridge #31 over Browns Creek on SR 1806 (formally SR 1700). \$26,125.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$104,130.00 Cost \$83,304.00 Fed. \$20,826.00 State
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Columbus Co. B-4481WM DIVISION	38386.4.FD1, BRZ-1831(003) Replace Bridge #279 over Livingstone Creek and Bridge #288 over Livingstone Creek Overflow on SR 1831.	\$66,929.00 Cost \$53,543.00 Fed. \$13,386.00 State
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\$14,301.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.

Columbus Co. B-5115WM DIVISION	42255.4.FD1, BRSTP-1005(020) Replace Bridges #94 and #95 over Grissett Creek on SR 1005. \$11,520.00.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$41,297.00 \$33,038.00 \$8,259.00	Cost Fed. State
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Cumberland Co. B-4490WM STATEWIDE	33727.4.1, BRNHS-0024(024) Replace Bridge #116 over CSX Railroad, Norfolk Southern Railroad and Hillsborough Street on NC 24 / 210 (Rowan Street). Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$601,380.00 \$481,104.00 \$120,276.00	Cost Fed. State
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**Division 7  
Urban**

Greensboro/ Guilford Co. U-2524D STATEWIDE	34820.3.30, NHF-0708(053) Greensboro Western Loop from US 220 (Battleground Avenue) to SR 2303 (Lawndale Drive). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016. This is an 8 week advertisement. This is a two (2) year <b>Cash Flow</b> project with \$30,050,000.00 in FY16, \$30,050,000.00 in FY17.	\$60,100,000.00 \$48,080,000.00 \$12,020,000.00	Cost Fed. State
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**Safety**

Divisionwide W-5601IF STATEWIDE	50138.1.241, HSIP-000S(860) Multiple routes in Division 7. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
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**Municipal Bridge**

High Point/ Guilford Co. B-5358 DIVISION	46072.3.F1, BRZ-0710(022) Replace Bridge #428 on Model Farm Road over a Branch of Richland Creek. Funds are needed for construction for bridge replacement.	\$675,000.00 \$540,000.00 \$135,000.00	Cost Fed. Local
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**Project Mitigation**

Alamance Co. B-4400WM	33680.4.1, BRZ-1122(004) Replace Bridge #160 over South Prong of Stinking	\$7,203.00 \$5,762.00	Cost Fed.
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DIVISION	Quarter Creek on SR 1122. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$1,441.00	State
Alamance Co. B-4401WM DIVISION	33681.4.1, BRZ-1124(005) Replace Bridge #161 over North Prong Stinking Quarter Creek on SR 1124. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,308.00 \$5,046.00 \$1,262.00	Cost Fed. State
Alamance Co. B-4953WM DIVISION	40078.4.1, BRZ-1912(002) Replace Bridge #64 over Quaker Creek on SR 1912. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$21,152.00 \$16,922.00 \$4,230.00	Cost Fed. State
Guilford Co. B-4756WM DIVISION	38528.4.1, BRZ-2128(001) Replace Bridge #120 over Reedy Creek on SR 2128. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,686.00 \$5,349.00 \$1,337.00	Cost Fed. State
Guilford Co. B-4757WM DIVISION	38529.4.1, BRZ-2795(002) Replace Bridge #175 over Buffalo Creek on SR 2795. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$56,420.00 \$45,136.00 \$11,284.00	Cost Fed. State
Guilford Co. B-4758WM DIVISION	38530.4.1, BRZ-2824(005) Replace Bridge #159 over North Buffalo Creek on SR 2824. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,826.00 \$5,461.00 \$1,365.00	Cost Fed. State
Rockingham Co. B-4803WM DIVISION	38573.4.1, BRZ-1925(002) Replace Bridge #97 over Wolf Island Creek on SR 1925. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$74,100.00 \$59,280.00 \$14,820.00	Cost Fed. State

**Bicycle and Pedestrian**

Greensboro/ Guilford Co. EL-5101DP DIVISION	41823.3.F18, STPDA-0708(063) West Market Street from South Oxygen Road to Spring Garden Street and from Pomona Drive to Walker Avenue, and West Market Street from United Street to Walker Avenue. \$320,000.00 has previously been approved for construction. Additional funds are needed	\$295,000.00 \$236,000.00 \$59,000.00	Cost Fed. Local
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for construction for sidewalk improvements.

**Division 8  
Safety**

Chatham Co. W-5601CL STATEWIDE	50138.3.91, HSIP-0064(184) US 64 at SR 1716 (Big Woods Road) / SR 1941 (Seaforth Road). Funds are needed for construction for safety improvements.	\$950,000.00 Cost \$855,000.00 Fed. \$95,000.00 State
Chatham Co. W-5601IC STATEWIDE	50138.1.238, HSIP-000S(856) Various National Highway System (NHS) routes in Division 8 (Lee, Chatham, Moore, Richmond, Randolph, and Scotland Counties). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Chatham Co. W-5601ID STATEWIDE	50138.1.239, HSIP-000S(857) Various National Highway System (NHS) routes in Division 8 (Lee, Chatham, Moore, Richmond, Randolph, Scotland and Hoke Counties). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Montgomery Co. W-5601IB STATEWIDE	50138.1.237, HSIP-0073(045) I-73 / 74. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
Randolph Co. W-5601HV REGIONAL	50138.1.231, HSIP-0042(070) NC 42 near SR 2895 (Moffit Mill Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Richmond Co. W-5601IA STATEWIDE	50138.1.236, HSIP-0073(046) I-73 / 74 in Richmond, Montgomery, and Randolph Counties. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
Scotland Co. W-5601BD STATEWIDE	50138.3.57, HSIP-0074(175) US 74 at NC 144 and SR 1305 (Ida Mill Road). Funds are needed for construction for safety improvements.	\$654,000.00 Cost \$588,600.00 Fed. \$65,400.00 State

**Planning and Research**

Moore Co. M-0492L STATEWIDE	44527.1.13, OSPR-0809(001) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 State
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**Project Mitigation**

Chatham Co.	38503.4.1, BRZ-1549(006)	\$7,894.00 Cost
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B-4730WM DIVISION	Replace Bridge #108 over Terrell Creek on SR 1549. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,315.00 Fed. \$1,579.00 State
Montgomery Co. B-4780WM DIVISION	38551.4.1, BRZ-1111(008) Replace Bridge #22 over Richland Creek on SR 1111. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$44,460.00 Cost \$35,568.00 Fed. \$8,892.00 State
High Point/ Randolph Co. B-5114WM DIVISION	42252.4.1, BRZ-1619(005) Replace Bridge #136 over US 29 / 70 / I-85 Business on SR 1619 in High Point. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$85,800.00 Cost \$68,640.00 Fed. \$17,160.00 State
Scotland Co. B-4639WM REGIONAL	38449.4.FR1, BRSTP-0015(018) Replace Bridge #17 over Gum Swamp on US 15 / US 401. \$4,370.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$15,664.00 Cost \$12,531.00 Fed. \$3,133.00 State
Scotland Co. B-4816WM REGIONAL	38586.4.1, BRSTP-0015(022) Replace Bridge #65 over Juniper Creek on US 15-501. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$73,337.00 Cost \$58,670.00 Fed. \$14,667.00 State

**Division 9  
Surface Transportation**

Forsyth Co. R-4073IF DIVISION	34613.3.63, STP-000S(851) NC Division of Environmental Quality Alternative Program Management. Funds are needed for construction for program management.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Statewide R-4073IE DIVISION	34613.3.62, STP-000S(853) Site #54 (Winston-Salem) Asphalt Materials Testing Labs. Funds are needed for construction for expanded groundwater testing.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

**Urban**

Forsyth Co. U-2827B REGIONAL	34872.3.4, NHP-0421(087) Replace Bridges #178, #269, #278, #286, #288, #291, #293, #305, #312, #313, #336, US 421 / US 158 / US	\$102,700,000.00 Cost \$82,160,000.00 Fed.
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421 / NC 150 / Business 40, west of Fourth Street to east of Church Street (Combined with C-5620A: Business 40 multi-use path). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016. This is a **Design-Build Project**. This is an 8 week advertisement. This is a three (3) year **Cash Flow** project with \$34,234,000.00 in FY16, \$34,233,000.00 in FY17, \$34,233,000.00 in FY18. \$20,540,000.00 State

### Safety

Davie Co. W-5601CI DIVISION	50138.3.88, HSIP-000S(817) Lane Departure Systemic improvements. Funds are needed for construction for safety improvements.	\$610,000.00 Cost \$549,000.00 Fed. \$61,000.00 State
Divisionwide W-5601IH REGIONAL	50138.1.243, HSIP-000S(859) Multiple routes in Division 9. Funds are needed for preliminary engineering.	\$1,800.00 Cost \$1,620.00 Fed. \$180.00 State
Forsyth Co. W-5601IG STATEWIDE	50138.1.242, HSIP-0040(048) I-40 between the Davie and Guilford County Lines. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Stokes Co. W-5601HS REGIONAL	50138.3.228, HSIP-000S(858) Pavement marking improvements at various locations. Funds are needed for construction for pavement marking.	\$110,000.00 Cost \$99,000.00 Fed. \$11,000.00 State

### Project Mitigation

Davidson Co. B-4740WM DIVISION	38513.4.1, BRZ-1194(009) Replace Bridge #7 over Dykers Creek on SR 1194. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$37,050.00 Cost \$29,640.00 Fed. \$7,410.00 State
Davidson Co. B-4741WM DIVISION	38514.4.1, BRZ-1493(002) Replace Bridge #38 over Muddy Creek on SR 1493. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$54,600.00 Cost \$43,680.00 Fed. \$10,920.00 State
Stokes Co. B-4645WM STATEWIDE	38452.4.FS1, BRNHS-0052(025) Replace Bridges #29 and #30 over the Little Yadkin River on US 52. \$11,320.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses	\$31,200.00 Cost \$24,960.00 Fed. \$6,240.00 State

provided by the Ecosystem Enhancement Program.

### Bicycle and Pedestrian

Forsyth Co. U-4741PD DIVISION	39745.3.16, STPDA-0926(007) Sidewalk Project at Middlebrook Drive and Highway 158 Crosswalk. Funds are needed for construction for crosswalk/sidewalk.	\$75,170.00 Cost \$60,136.00 Fed. \$15,034.00 Local
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### Division 10 Interstate

Mecklenburg Co. I-4750AC EXEMPT	40099.2.8, NHP-077-1(224)30 I-77 at Exit 30 (Griffith Street) Interchange, construct roundabouts at northbound and southbound ramp termini. Funds are needed for full right of way and utilities. This is a <b>Design-Build Project.</b>	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State
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Mecklenburg Co. I-4750AC EXEMPT	40099.3.8, NHP-077-1(224)30 I-77 at Exit 30 (Griffith Street) Interchange, construct roundabouts at northbound and southbound ramp termini. Funds are needed for construction. This is a <b>Design-Build Project.</b>	\$2,400,000.00 Cost \$1,920,000.00 Fed. \$480,000.00 State
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Mecklenburg Co. I-5405 DIVISION	45454.3.9, NHF-077-1(209)9 I-77 from I-277 (Brookshire Freeway) to SR 5544 (West Catawba Avenue - Exit 28); construct High Occupancy Toll (HOT) Lanes and convert existing High Occupancy Vehicle (HOV) Lanes to HOT Lanes (Combined with I- 4750AA: I-77 from SR 5544 (West Catawba Avenue - Exit 28) to NC 150 (Exit 36) construct High Occupancy Toll (HOT) Lanes), (Combined with I-3311C: I-277 to north of I-85 construct Toll (HOT) Lanes and convert existing High Occupancy Vehicle (HOV) Lanes to HOT Lanes. I-277 (Brookshire Freeway), I-77 to North Brevard Street construct HOT Lanes. Additional construction funds are needed as requested. This is a <b>Design-Build Project.</b>	\$6,000,000.00 Cost \$4,800,000.00 Fed. \$1,200,000.00 State
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### Safety

Cabarrus Co. W-5601IM REGIONAL	50138.1.248, HSIP-0073(047) NC 73 and SR 1602 (Jim Johnson Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
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Mecklenburg Co. W-5601BJ STATEWIDE	50138.3.63, HSIP-0485(039) I-485 northbound ramp at US 29 (North Tryon Street) near Charlotte. Funds are needed for construction for	\$170,000.00 Cost \$153,000.00 Fed. \$17,000.00 State
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safety improvements.

Stanly Co. W-5601IN REGIONAL	50138.1.249, HSIP-0024(079) NC 24 / 27 / 73 from Spaulding Street to SR 1783 (Henson Street). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Union W-5601CS DIVISION	50138.3.98, HSIP-1315(016) SR 1315 (New Town Road) from SR 1008 (Waxhaw- Indian Trail Road) to SR 1388 (Will Plyler Road) in Wesley Chapel; and SR 1336 (Chambwood Road) near Wesley Chapel. Funds are needed for construction for safety improvements.	\$520,000.00 Cost \$468,000.00 Fed. \$52,000.00 State
Union Co. W-5601EA DIVISION	50138.2.130, HSIP-1007(034) SR 1007 (Rocky River Road) between SR 1150 (Old Waxhaw-Monroe Road) and Jonathan Circle. Funds are needed for full right of way.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State
Union Co. W-5601IJ DIVISION	50138.1.245, HSIP-1004(062) SR 1004 (Lawyers Road) and SR 1539 (Rock Hill Church Road) near Stallings. Funds are needed for preliminary engineering.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State

### Project Mitigation

Cabarrus Co. B-4973WM DIVISION	40097.4.FD1, BRSTP-1157(005) Replace Bridge #271 over Irish Buffalo Creek on SR 1157. \$15,384.00.00 has previously been approved for project mitigation. Additional funds are requested.	\$41,340.00 Cost \$33,072.00 Fed. \$8,268.00 State
Mecklenburg Co. B-4779WM REGIONAL	38550.4.FR1, BRSTP-0029(039) Replace Bridges #147 and #140 over Mallard Creek on US 29 Southbound and Northbound Lanes. \$12,315.00 has previously been approved for project mitigation. Additional funds are requested.	\$44,145.00 Cost \$35,316.00 Fed. \$8,829.00 State
Stanly Co. B-4643WM STATEWIDE	38451.4.1, BRNHS-0049(022) Replace Bridge #24 over Curl Tail Creek on NC 49. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$42,900.00 Cost \$34,320.00 Fed. \$8,580.00 State
Stanly Co. B-4818WM DIVISION	38588.4.FD1, BRZ-1109(007) Replace Bridge #138 over Island Creek on SR 1109. \$40,348.00 has previously been approved for project mitigation. Additional funds are requested.	\$54,210.00 Cost \$43,368.00 Fed. \$10,842.00 State

**Division 11  
Safety**

Divisionwide W-5601GU STATEWIDE/ REGIONAL	50138.3.204, HSIP-000S(843) Safety improvements at various locations. Funds are needed for construction for safety improvements.	\$480,000.00 Cost \$432,000.00 Fed. \$48,000.00 State
Wilkes Co. W-5503 REGIONAL	45475.3.FR1, HSIP-0268(018) NC 268 east of North Wilkesboro. Funds are needed for construction for safety improvements.	\$2,500,000.00 Cost \$2,250,000.00 Fed. \$250,000.00 State

**Project Mitigation**

Ashe Co. B-4705WM DIVISION	38480.4.FD1, BRZ-1376(002) Replace Bridge #69 over Little Helton Creek on SR 1376. \$18,820.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$51,870.00 Cost \$41,496.00 Fed. \$10,374.00 State
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**Division 12  
Congestion Mitigation**

Gastonia/ Gaston Co. C-4934 EXEMPT	44034.3.1, CMS-0279(005) NC 279 (New Hope Road) from Burtonwood Drive to SR 2466 (Garrison Boulevard). Funds are needed for construction for a turn lane.	\$2,200,000.00 Cost \$1,650,000.00 Fed. \$550,000.00 Local
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**Planning and Research**

Catawba Co. M-0492R STATEWIDE	44527.1.19, OSPR-1208(009) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$53,000.00 Cost \$37,100.00 Fed. \$15,900.00 State
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**Project Mitigation**

Alexander Co. B-5110WM DIVISION	42248.4.FD1, BRZ-1626(003) Replace Bridge #129 over Big Branch Creek on SR 1626. \$19,527.00 has previously been approved for project mitigation. Additional funds are requested.	\$53,820.00 Cost \$43,056.00 Fed. \$10,764.00 State
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**Division 13  
Planning and Research**

Rutherford Co. M-0492S EXEMPT	44527.1.20, SPR-0SPR(008) Spindale-Planning Grant. Funds are needed for preliminary engineering.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 Local
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### **Municipal Bridge**

Buncombe Co. M-0414MA DIVISION	42080.1.121, BRZ-NBIS(013) Municipal Bridge Inspection. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,400.00 Fed. \$600.00 Local
Buncombe Co. M-0414MB DIVISION	42080.1.122, BRZ-NBIS(013) Municipal Bridge Inspection. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,400.00 Fed. \$600.00 Local

### **Project Mitigation**

Buncombe Co. B-4715WM DIVISION	38489.4.1, BRZ-2797(001) Replace Bridge #655 over the Broad River on SR 2797. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$48,360.00 Cost \$38,688.00 Fed. \$9,672.00 State
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### **Bicycle and Pedestrian**

Buncombe Co. EB-5774 DIVISION	46407.1.1, STPDA-0251(038) NC 251 from SR 1684 (Elk Mountain Road) to Exit 25 on US 19 / 23 / 70. Funds are needed for preliminary engineering.	\$450,000.00 Cost \$360,000.00 Fed. \$90,000.00 Local
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### **Division 14 Bridge**

Transylvania Co. B-4823 DIVISION	38593.2.1, BRZ-1538(009) Replace Bridge #12 over Hogsed Creek on SR 1538. Funds are needed for full right of way and utilities.	\$45,000.00 Cost \$36,000.00 Fed. \$9,000.00 State
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### **Safety**

Jackson Co. W-5601HT DIVISION	50138.1.229, HSIP-1550(005) SR 1550 (Centennial Drive) at University Way on the campus of Western Carolina. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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### **Planning and Research**

Henderson Co. M-0492P STATEWIDE	44527.1.17, OSPR-1430(008) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 State
Henderson Co. M-0492Q	44527.1.18, OSPR-0509(009) Bicycle and Pedestrian 2016 Planning Grants. Funds	\$47,000.00 Cost \$42,300.00 Fed.

STATEWIDE	are needed for planning and research.	\$4,700.00	State
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**Project Mitigation**

Clay Co. B-4734WM DIVISION	38507.4.1, BRZ-1300(008) Replace Bridge #9 over Iver Tusquitee Creek on SR 1300. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$31,980.00	Cost
		\$25,584.00	Fed.
		\$6,396.00	State

Haywood Co. B-4763WM DIVISION	38535.4.FD1, BRZ-1503(008) Replace Bridge #35 over Bald Creek on SR 1503. \$27,451.00 has previously been approved for project mitigation. Additional funds are requested.	\$75,660.00	Cost
		\$60,528.00	Fed.
		\$15,132.00	State

Henderson Co. B-3346WM DIVISION	33004.4.FD1, BRZ-1734(003) Replace Bridge #42 over Saconon Creek on SR 1734. \$20,800.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$93,210.00	Cost
		\$74,568.00	Fed.
		\$18,642.00	State

Henderson Co. B-4765WM DIVISION	38537.4.FD1, BRZ-1574(004) Replace Bridge #113 over Kyles Creek on SR 1574. \$33,960.00 has previously been approved for project mitigation. Additional funds are requested.	\$102,960.00	Cost
		\$82,368.00	Fed.
		\$20,592.00	State

Henderson Co. B-4988WM DIVISION	40156.4.1, BRZ-1528(006) Replace Bridge #309 over Featherstone Creek on SR 1528. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$60,840.00	Cost
		\$48,672.00	Fed.
		\$12,168.00	State

Macon Co. B-3868WM DIVISION	33313.4.1, BRZ-1456(006) Replace Bridge #172 over Little Tennessee River on SR 1456. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$349,440.00	Cost
		\$279,552.00	Fed.
		\$69,888.00	State

Transylvania Co. B-4288WM DIVISION	33627.4.1, BRZ-1107(009) Replace Bridge #85 over East Fork French Broad River on SR 1107. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$50,700.00	Cost
		\$40,560.00	Fed.
		\$10,140.00	State

Transylvania Co. B-4289WM DIVISION	33628.4.FD1, BRZ-1324(002) Replace Bridge #93 over North Fork French Broad River on SR 1324. \$26,885.00 has previously been approved	\$71,370.00	Cost
		\$57,096.00	Fed.
		\$14,274.00	State

for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.

Transylvania Co. B-5010WM STATEWIDE	41536.4.1, BRSTP-0064(099) Replace Bridge #27 over Rocky Creek on US 64. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$70,200.00 Cost \$56,160.00 Fed. \$14,040.00 State
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**Rural**

Macon Co. R-4436ND REGIONAL	34625.2.61, STP-0023(035) US 23 / 441 at Watauga Park and Ride Lot near Franklin in Macon County. Funds are needed for construction for two filtration basins to improve water quality.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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**Statewide  
Enhancement**

Divisionwide E-4975 STATEWIDE	39831.3.F1, STP-000S(430) Divisions 11, 13, and 14 - Blue Ridge National Heritage Area Trails Program. \$219,433.00 has previously been approved for construction. Additional funds are requested.	\$136,309.00 Cost \$109,047.00 Fed. \$27,262.00 Local
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**Planning and Research**

Statewide M-0482B STATEWIDE	50145.3.2, RTD-000S(840) Cary Parkway Bridge Compaction Grouting Project as a research and technology demonstration project. Funds are needed for construction for research.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
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**ITEM M SUMMARY - 126 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$198,025,822.00**

**Funding for 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 Blount, seconded by Board Member Overholt, to approve the following additions, modifications and deletions to the 2016 – 2025 State Transportation Improvement Plans.

Board Member Curran noted a conflict of interest on project I-5507 in Mecklenburg County.

**HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 4**

R-5769	SR 1913 (Gordon Road),	Right-of-Way	FY17 \$10,000 (T)
JOHNSTON	US 70 Business to proposed	Construction	FY18 \$5,000,000 (T)
<b>Proj. Category</b>	NOVO Nordisk facility.		FY19 <u>\$5,000,000 (T)</u>
DIVISION	Various roadway improvements		\$10,010,000
	Various roadway improvements including new access road.		
	<b><u>Add Right-of-Way in FY 17 not previously programmed. and accelerate Construction to FY 17.</u></b>		

**STATEWIDE**

C-5702	North Carolina Clean Energy		
STATEWIDE	Technology Center. Conduct a		
<b>Proj. Category</b>	clean fuel advanced technology		
EXEMPT	outreach and awareness program,		
	Including emissions-reducing sub-		
	awards, in all CMAQ-eligible counties.		
	<b><u>Project added at request of transportation planning branch - see project break below for funding.</u></b>		
C-5702A	North Carolina Clean Energy	Other	FY17 \$747,210 (CMAQ)
STATEWIDE	Technology Center. Conduct a	FY17	\$186,802 (L)
<b>Proj. Category</b>	technology outreach and	FY18	\$747,210 (CMAQ)
EXEMPT	clean fuel-advanced	FY18	<u>\$186,802 (L)</u>
	awareness program in all		\$1,868,024
	CMAQ-eligible counties.		
	<b><u>Project added at request of Transportation Planning Branch.</u></b>		

**STIP MODIFICATIONS**

**DIVISION 5**

U-5118	Various, operational	Engineering	FY17	\$100,000 (STBGDA)
FRANKLIN	improvements for safety and		FY17	\$25,000 (L)
GRANVILLE	congestion mitigation.		FY18	\$100,000 (STBGDA)
HARNETT	<b><u>Add funding beyond FY 16</u></b>		FY18	\$25,000 (L)
JOHNSTON	<b><u>at request of MPO.</u></b>		FY19	\$100,000 (STBGDA)
WAKE			FY19	\$25,000 (L)
<b>Proj. Category</b>			FY20	\$100,000 (STBGDA)
DIVISION			FY20	\$25,000 (L)
			FY21	\$100,000 (STBGDA)
			FY21	\$25,000 (L)
			FY22	\$100,000 (STBGDA)

	FY22	\$25,000 (L)
	FY23	\$100,000 (STBGDA)
	FY23	\$25,000 (L)
	FY24	\$100,000 (STBGDA)
	FY24	\$25,000 (L)
	FY25	\$100,000 (STBGDA)
	FY25	\$25,000 (L)
	FY26	\$100,000 (STBGDA)
	FY26	\$25,000 (L)
	FY27	\$100,000 (STBGDA)
	FY27	\$25,000 (L)
Right-of-Wa	FY16	\$144,000 (STBGDA)
	FY16	\$36,000 (L)
	FY17	\$300,000 (STBGDA)
	FY17	\$75,000 (L)
	FY18	\$300,000 (STBGDA)
	FY18	\$75,000 (L)
	FY19	\$300,000 (STBGDA)
	FY19	\$75,000 (L)
	FY20	\$300,000 (STBGDA)
	FY20	\$75,000 (L)
	FY21	\$300,000 (STBGDA)
	FY21	\$75,000 (L)
	FY22	\$300,000 (STBGDA)
	FY22	\$75,000 (L)
	FY23	\$300,000 (STBGDA)
	FY23	\$75,000 (L)
	FY24	\$300,000 (STBGDA)
	FY24	\$75,000 (L)
	FY25	\$300,000 (STBGDA)
	FY25	\$75,000 (L)
	FY26	\$300,000 (STBGDA)
	FY26	\$75,000 (L)
	FY27	\$300,000 (STBGDA)
	FY27	\$75,000 (L)
Constructio	FY16	\$3,032,000 (STBGDA)
	FY16	\$758,000 (L)
	FY17	\$6,000,000 (STBGDA)
	FY17	\$1,500,000 (L)
	FY18	\$3,000,000 (STBGDA)
	FY18	\$750,000 (L)
	FY19	\$3,000,000 (STBGDA)
	FY19	\$750,000 (L)
	FY20	\$3,000,000 (STBGDA)
	FY20	\$750,000 (L)
	FY21	\$3,000,000 (STBGDA)
	FY21	\$750,000 (L)
	FY22	\$3,000,000 (STBGDA)

FY22	\$750,000 (L)
FY23	\$3,000,000 (STBGDA)
FY23	\$750,000 (L)
FY24	\$3,000,000 (STBGDA)
FY24	\$750,000 (L)
FY25	\$3,000,000 (STBGDA)
FY25	\$750,000 (L)
FY26	\$3,000,000 (STBGDA)
FY26	\$750,000 (L)
FY27	\$3,000,000 (STBGDA)
FY27	<u>\$750,000 (L)</u>
	\$54,470,000

U-5307 US 1, I-540 in Raleigh to SR 1909  
WAKE (Purcell Road) / SR 1931  
**Proj. Category** (Harris Road) in Wake Forest.  
Upgrade roadway to controlled  
access facility.  
**Revise northern terminus at  
request of Preconstruction  
to facilitate Planning /  
Environmental review and  
documentation. See below  
for inclusion of corresponding  
project break.**

U-5307D	US 1, South of NC 98 to	Right-of-Way	PY	\$30,100,000 (NHP)
WAKE	SR 1909 (Purcell Road) /	Utilities	PY	\$3,612,000 (NHP)
<b>Proj. Category</b>	SR 1931 (Harris Road) in	Construction	PY	\$14,100,000 (NHP)
	Wake Forest.		PY	\$14,100,000 (NHP)
	<u><b>Add project break to reflect  revised northern terminus  for U-5307.</b></u>		PY	<u>\$14,100,000 (NHP)</u>
				\$90,112,000

**DIVISION 5**

U-5530	Various, Capital Area MPO: Engineering	FY16	\$100,000 (STBGDA)
FRANKLIN	Bicycle, pedestrian, transit,	FY16	\$25,000 (L)
GRANVILLE	and transportation alternatives	FY17	\$100,000 (STBGDA)
HARNETT	program (tap)-eligible projects.	FY17	\$25,000 (L)
JOHNSTON	<u><b>Add funding beyond FY18  at request of MPO.</b></u>	FY18	\$100,000 (STBGDA)
WAKE		FY18	\$60,000 (TAPDA)
<b>Proj. Category</b>		FY18	\$40,000 (L)
DIVISION		FY19	\$100,000 (STBGDA)
		FY19	\$60,000 (TAPDA)
		FY19	\$40,000 (L)
		FY20	\$100,000 (STBGDA)
		FY20	\$60,000 (TAPDA)
		FY20	\$40,000 (L)
		FY21	\$100,000 (STBGDA)

	FY21	\$60,000 (TAPDA)
	FY21	\$40,000 (L)
	FY22	\$100,000 (STBGDA)
	FY22	\$60,000 (TAPDA)
	FY22	\$40,000 (L)
	FY23	\$100,000 (STBGDA)
	FY23	\$60,000 (TAPDA)
	FY23	\$40,000 (L)
	FY24	\$100,000 (STBGDA)
	FY24	\$60,000 (TAPDA)
	FY24	\$40,000 (L)
	FY25	\$100,000 (STBGDA)
	FY25	\$60,000 (TAPDA)
	FY25	\$40,000 (L)
	FY26	\$100,000 (STBGDA)
	FY26	\$60,000 (TAPDA)
	FY26	\$40,000 (L)
	FY27	\$100,000 (STBGDA)
	FY27	\$60,000 (TAPDA)
	FY27	\$40,000 (L)
Right-of-Way	FY16	\$400,000 (STBGDA)
	FY16	\$100,000 (L)
	FY17	\$400,000 (STBGDA)
	FY17	\$100,000 (L)
	FY18	\$200,000 (STBGDA)
	FY18	\$120,000 (TAPDA)
	FY18	\$80,000 (L)
	FY19	\$200,000 (STBGDA)
	FY19	\$120,000 (TAPDA)
	FY19	\$80,000 (L)
	FY20	\$200,000 (STBGDA)
	FY20	\$120,000 (TAPDA)
	FY20	\$80,000 (L)
	FY21	\$200,000 (STBGDA)
	FY21	\$120,000 (TAPDA)
	FY21	\$80,000 (L)
	FY22	\$200,000 (STBGDA)
	FY22	\$120,000 (TAPDA)
	FY22	\$80,000 (L)
	FY23	\$200,000 (STBGDA)
	FY23	\$120,000 (TAPDA)
	FY23	\$80,000 (L)
	FY24	\$200,000 (STBGDA)
	FY24	\$120,000 (TAPDA)
	FY24	\$80,000 (L)
	FY25	\$200,000 (STBGDA)
	FY25	\$120,000 (TAPDA)
	FY25	\$80,000 (L)

	FY26	\$200,000 (STBGDA)
	FY26	\$120,000 (TAPDA)
	FY26	\$80,000 (L)
	FY27	\$200,000 (STBGDA)
	FY27	\$120,000 (TAPDA)
	FY27	\$80,000 (L)
Construction	FY16	\$4,000,000 (STBGDA)
	FY16	\$2,000,000 (TAPDA)
	FY16	\$1,500,000 (L)
	FY17	\$4,000,000 (STBGDA)
	FY17	\$2,000,000 (TAPDA)
	FY17	\$1,500,000 (L)
	FY18	\$2,000,000 (STBGDA)
	FY18	\$800,000 (TAPDA)
	FY18	\$700,000 (L)
	FY19	\$2,000,000 (STBGDA)
	FY19	\$800,000 (TAPDA)
	FY19	\$700,000 (L)
	FY20	\$2,000,000 (STBGDA)
	FY20	\$800,000 (TAPDA)
	FY20	\$700,000 (L)
	FY21	\$2,000,000 (STBGDA)
	FY21	\$800,000 (TAPDA)
	FY21	\$700,000 (L)
	FY22	\$2,000,000 (STBGDA)
	FY22	\$800,000 (TAPDA)
	FY22	\$700,000 (L)
	FY23	\$2,000,000 (STBGDA)
	FY23	\$800,000 (TAPDA)
	FY23	\$700,000 (L)
	FY24	\$2,000,000 (STBGDA)
	FY24	\$800,000 (TAPDA)
	FY24	\$700,000 (L)
	FY25	\$2,000,000 (STBGDA)
	FY25	\$800,000 (TAPDA)
	FY25	\$700,000 (L)
	FY26	\$2,000,000 (STBGDA)
	FY26	\$800,000 (TAPDA)
	FY26	\$700,000 (L)
	FY27	\$2,000,000 (STBGDA)
	FY27	\$250,000 (TAPDA)
	FY27	<u>\$700,000 (L)</u>
		\$56,700,000

**DIVISION 7**

EL-4828A	Morgan Creek Greenway,	Construction	FY17	\$298,000 (STBGDA)
ORANGE	Phase 1		FY17	<u>\$74,000 (L)</u>
<b>Proj. Category</b>	<b><u>To allow additional time to</u></b>			<b>\$372,000</b>
TRANSITION	<b><u>analyze the flood plain,</u></b>			



**delay Construction from  
FY 16 to FY 17**

EL-4828B	Morgan Creek Greenway,	Construction	FY18	\$730,000 (TAPDA)
ORANGE	Phase 2		FY18	<u>\$182,000 (L)</u>
<b>Proj. Category</b>	<b><u>To allow additional time to</u></b>			\$912,000
TRANSITION	<b><u>analyze the flood plain,</u></b>			
	<b><u>delay Construction from</u></b>			
	<b><u>FY 16 to FY 18</u></b>			

**DIVISION 8**

U-5743	NC 42; SR 2194 (Dublin	Right-of-Way	FY19	\$1,251,000 (T)
RANDOLPH	Square Road), north of	Utilities	FY19	\$150,000 (T)
<b>Proj. Category</b>	<b>US 64 /NC 49 (Dixie Drive) to</b>		Construction	FY20 <u>\$6,056,000 (T)</u>
REGIONAL	SR 2237 (East Salisbury Street)			\$7,457,000
	in Asheboro. Widen to three lanes and realign NC 42 along Dublin Square Road.			
	<b><u>Revise project description to clarify scope at request of Division.</u></b>			

**DIVISION 9**

B-4746	SR 2264 (Akron Drive),	Right-of-Way	FY17	\$875,000 (HFB)
FORSYTH	Replace Bridge 330229 over	Utilities	FY17	\$633,000 (HFB)
<b>Proj. Category</b>	<b>Norfolk Southern Railroad in</b>		Construction	FY19 <u>\$4,600,000 (HFB)</u>
HWY FUNDS	Winston-Salem.			\$6,108,000
	<b><u>To allow additional time to complete the environmental document, delay Right-of-Way from FY 16 to FY 17 and Construction from FY 18 to FY 19 to allow additional</u></b>			

W-5313	SR 1221 (Old Beatty Ford	Construction	FY17	\$9,100,000 (HSIP)
ROWAN	Road), SR 2335 (Lower Stone			
<b>Proj. Category</b>	<b>Church Road) to SR 1337</b>			
DIVISION	<b>(Lentz Road).Widen and</b>			
	<b>install rumble strips.</b>			
	<b><u>To allow additional time to complete the R/W phase, delay Construction from FY 16 to FY 17</u></b>			

**DIVISION 10**

B-5930	Sardis lane, Replace Bridge	Right-of-Way	FY17	\$50,000 (STPOFF)
MECKLENBURG	590433 over Mcalpine Creek.		FY17	\$13,000 (L)
<b>Proj. Category</b>	<b><u>To allow additional time</u></b>		Construction	FY18 \$625,000 (STPOFF)
DIVISION	<b><u>for Planning, delay</u></b>		FY18	<u>\$156,000 (L)</u>
	<b><u>Right-of-Way from FY 16</u></b>			\$844,000

**to FY 17 and Construction  
from FY 17 to from FY 18**

I-5507	I-485, I-485, I-77 south of	Right-of-Way	FY17	\$1,600,000	(T)
MECKLENBURG	Charlotte to US 74	Construction	FY17	\$35,800,000	(T)
<b>Proj. Category</b>	(Independence Boulevard).		FY17	\$17,200,000	(BOND R)
STATEWIDE	Add one express lane in each direction.		FY18	\$53,000,000	(T)
			FY19	\$53,000,000	(T)
			FY20	\$53,000,000	(T)
				\$213,600,000	

**To allow additional time for  
Planning, delay Right-of-Way  
from FY 16 to FY 17 and  
Construction from FY 16 to FY 17**

I-5768	I-77, South Carolina line to	Construction		FY17	\$4,450,000 (NHPIM)
MECKLENBURG	SR 1577 (West Tyvola Road).		FY18	\$4,450,000 (NHPIM)	
<b>Proj. Category</b>	Pavement rehabilitation.			\$8,900,000	
STATEWIDE	<b><u>To allow additional time for Design, delay Construction from FY 16 to FY 17</u></b>				

**DIVISION 12**

C-5562	Gastonia, Bike and pedestrian	Construction		FY16	\$300,000 (CMAQ)
GASTON	improvements between		FY16	\$75,000 (L)	
<b>Proj. Category</b>	downtown and Lineberger Park.			\$375,000	
EXEMPT	<b><u>Increase funding. Note: \$220,000 has already been authorized.</u></b>				

R-5100A	SR 1109 (Williamson Road),	Right-of-Way	FY19	\$8,000,000	(T)
IREDELL	I-77 to SR 1100	Utilities	FY19	\$1,000,000	(T)
<b>Proj. Category</b>	(Brawley School Road).	Construction	FY21	\$15,200,000	(T)
DIVISION	Widen to multi-lanes.		FY22	\$15,200,000	(T)
	<b><u>Split project R-5100 into segments A and B.</u></b>			\$39,400,000	

R-5100B	SR 1109 (Williamson Road),	Right-of-Way	FY19	\$3,000,000	(T)
IREDELL	1100 (Brawley	Utilities	FY19	\$1,500,000	(T)
<b>Proj. Category</b>	School Road) to NC 150.	Construction	FY20	\$5,100,000	(T)
DIVISION	Widen to multi-lanes.			\$9,600,000	
	<b><u>Split project R-5100 into A and B and accelerate Construction of segment b to FY 20.</u></b>				

**DIVISION 13**

B-5196	Montreat (Texas Road),	Construction	FY17	\$575,000	(STPOFF)
BUNCOMBE	Replace Bridge 100528				
<b>Proj. Category</b>	over Flat Creek.				
DIVISION	<b><u>To allow additional time for</u></b>				

**town to resolve project issues, delay  
Construction from FY 16 to FY 17**

**STIP DELETIONS**

**DIVISION 13**

EB-5809	Hildebrand, North Center	Engineering FY16	\$84,000 (STBGDA)
BURKE	Street, First Avenue NE to	FY16	\$21,000 (L)
<b>Proj. Category</b>	Wilson Road.	Right-of-WayFY17	\$111,000 (STBGDA)
DIVISION	Construct sidewalk.	FY17	\$28,000 (L)
	<b><u>Delete at the request of the</u></b>	ConstructionFY18	\$426,000 (STBGDA)
	<b><u>town of Hildebrand.</u></b>	FY18	<u>\$107,000 (L)</u>
			\$777,000

**HIGHWAY PROGRAM**

**ITEM N SUMMARY**

ADDITIONS	3 PROJECTS	\$11,878,024
MODIFICATIONS	16 PROJECTS	
DELETIONS	1 PROJECTS	\$777,000
	20 PROJECTS	\$11,101,024

**Approval – Municipal and Special Agreements**

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

**SUMMARY: There are a total of 47 Agreements for approval by the Board of Transportation.**

Statewide

- North Carolina Center for Geographic Information and Analysis  
Wake County  
36249.3665

This Project consists of the Department providing Orthoimagery Advisory and Technical Services for the Digital Piedmont 2017 Project defined in 26 counties. The Agency shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost of the work is \$161,826.
- US Fish and Wildlife Service (USFWS)  
Wake County  
S0068

This Agreement is to provide funding for three positions at the US Fish and Wildlife Service over a period of five years. Said positions shall perform work exclusively for NCDOT projects, providing expedited project delivery, technical assistance and review/coordination of Department Projects across the state. The Department shall reimburse the USFWS an estimated cost of \$2,410,000 over the five year period.
- North Carolina Floodplain Mapping Program (NCFMP)  
Wake County

This revised Memorandum of Agreement (MOA) provides for services to the Department for updates to the flood insurance rate maps (FIRMS) in order to maintain National Flood Insurance Program (NFIP) compliance associated with the Department’s projects, complete map revisions for certain projects, and updating certain reports and studies as required by FEMA and other governmental agencies by NCFMP. This agreement also allows the Department to provide information to NCFMP for certain projects for review and approval for

the included activities. The Department shall reimburse NCFMP the actual costs of the work as agreed upon under the terms of the MOA.

#### Division 2

Carolina Coastal  
Railway  
Pitt County  
R-2250  
34411.3.R7

This Rail Project consists of construction on US 264 (Greenville Southwest Bypass) beginning at Station 17+50.00 -L- running in a north-westerly direction over the tracks of Railroad to Station 682+46.77 -L-, identified for preliminary engineering as State Project 34411.3.R7 in Pitt County, and in connection to construct structures at separated grades across Railroad's right of way, tracks and other facilities near Railroad Milepost 151.75.

City of New Bern  
Craven County  
M-0499R  
44509.1.30

This Project consists of planning activities for a five year comprehensive transportation plan for the New Bern Metropolitan Planning Organization (MPO) and the City of New Bern for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Greenville  
Pitt County  
M-0499P  
44509.1.10

This Project consists of planning activities for a five year comprehensive transportation plan for the Greenville Urban Area Metropolitan Planning Organization (GUA MPO) and the City of Greenville for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

#### Division 3

Town of Watha  
Pender County  
42894

This Rail Agreement provides for the general cleanup and maintenance of the Wallace to Castle Hayne rail corridor within the Department's railroad right-of-way inside the municipal limits. General cleanup will include mowing, vegetation control, removal and disposal of debris. The Municipality will perform the work. The Department will reimburse the Municipality \$3,600 per year for 5 years. The estimated cost to the Department is \$18,000.

Waccamaw Regional  
Council of  
Governments  
Brunswick County  
M-0499S  
44509.1.31

This Project consists of planning activities for a five year comprehensive transportation plan for the Grand Strand Area Metropolitan Planning Organization (GSA MPO) and the Waccamaw Regional Council of Governments for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Jacksonville  
Onslow County  
M-0499L  
44509.1.13

This Project consists of planning activities for a five year comprehensive transportation plan for the Jacksonville Urban Metropolitan Planning Organization (JUMPO) and the City of Jacksonville for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Wilmington  
New Hanover County  
U-5534/M-0499N  
44509.1.16  
44509.1.24

This Project consists of planning activities for a five year comprehensive transportation plan for the Wilmington Urban Area Metropolitan Planning Organization (WMPO) and the City of Wilmington for the annual Unified Planning Work Program (UPWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

#### Division 4

City of Goldsboro  
Wayne County

On May 15, 2009, the Department and the Municipality entered into a Rail Agreement for the rehabilitation of the historic 1909 Goldsboro Union Station, including site work. The

P-5100 42538.1.1	Department's participation in the cost of the work was \$900,000. This Supplemental Rail Agreement changes the scope of the project to include streetscape improvements, and revises the Department's participation from \$900,000 to \$1,035,000. Federal Enhancements funds will provide \$920,000 (80%), State funds will provide \$115,000 (10%), and Municipal funds will provide \$115,000 (10%), for a total project cost of \$1,150,000.
City of Goldsboro Wayne County P-5100 42073	This Rail Agreement provides for the installation of a new roof on the 1909 Goldsboro Union Station. The Municipality, and/or its contractor, will perform all of the work. The Department will participate in 50% of the cost of the work or up to \$286,000, whichever is less.
City of Goldsboro Wayne County M-0499H 44509.1.8	This Project consists of planning activities for a five year comprehensive transportation plan for the Goldsboro Metropolitan Planning Organization (GMPO) and the City of Goldsboro for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.
City of Rocky Mount Edgecombe County M-0499Q 44509.1.15	This Project consists of planning activities for a five year comprehensive transportation plan for the Rocky Mount Urban Area Metropolitan Planning Organization (MPO) and the City of Rocky Mount for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.
CSX Transportation, Inc. (CSXT) Town of Fremont Wayne County Y-5500DC Division 5	This Rail Agreement provides for the permanent closure of the municipal railroad at-grade crossings on North Street, milepost AC 148.58, and South Street, milepost AC 149.02. The Department will perform all work not on railroad right-of-way. CSXT will perform the work within its right-of-way. CSXT will contribute \$8,000 for work performed by the Department. The estimated cost to the Department is \$75,000.
City of Henderson Vance and Warren Counties I-0914 BA 38688.3.GVS6BA	This Project consists of improvements on I-85 from south of US 158 in Vance County to north of SR 1237 (Manson Drewry Road). The Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$73,456.25.
Department of Commerce (Commerce) Wake County 32227	On September 1, 2014, the Department and Commerce entered into a 1 year Rail Agreement for the establishment and staffing of a mutually agreed upon "Call Center" that would answer and refer telephone calls regarding 1-800-BYTRAIN and Travel and Tourism. Amendment 1 to the Call Center Agreement was executed on September 9, 2015, and extended the Agreement through August 31, 2016. The Department and Commerce now wish to modify the terms and responsibilities of the Agreement executed on September 1, 2014, and amended September 9, 2015, by executing a new Call Center Agreement that will supersede the previously executed agreements. The New Call Center Agreement will distribute current and pertinent information regarding traffic conditions, rail schedules, and travel and tourism. The term of the Agreement will be for 3 years, with an option for 2 additional years. The annual cost of \$20,184.00 shall be shared 50/50, the Department will participate in the cost in the amount of \$10,092.00 and Commerce will participate in the cost in the amount of \$10,092.00.
Town of Youngsville Franklin County	This Project consists of bicycle and pedestrian streetscape improvements to Main Street that originated in the 2014 Northeast Area Study (NEAS). Improvements include construction of

<p>C-5604 QA 43714.1.9 43714.3.9</p>	<p>sidewalks, curb extensions, cross-walks, and share lane markings, along with other streetscape improvements in Youngsville. The Department shall reimburse the Municipality 80% of approved eligible costs from the CMAQ funds allocation, not to exceed \$506,000. The Municipality will be responsible for providing the 20% (\$126,500) non-federal match for the CMAQ funds and all costs that exceed the total estimated cost.</p>
<p>Town of Apex Wake County U-5928 44822.3.1</p>	<p>This Project consists of construction of a grade separated interchange for the Apex Peakway at South Salem Street and the CSX railroad tracks. The Department shall reimburse the Municipality 50% of approved eligible costs from the STP-DA funds allocation, not to exceed \$2,500,000. The Municipality will be responsible for providing the 50% (\$2,500,000) non-federal match for the STP-DA funds and all costs that exceed the total estimated cost. The Municipality's cost is estimated to be \$4,600,000.</p>
<p>Town of Fuquay Varina Wake County U-5927A 44796.3.2</p>	<p>This Project consists of the construction phase of .47 miles of widening N. Judd Parkway NE (SR 2768 and SR 5056) from three lanes to four lanes with median and left turn lanes at intersections in Fuquay Varina. The Department shall reimburse the Municipality 73% (\$1,686,000) from STP-DA funds and \$500,000 from state contingency funds. The Municipality shall provide the 27% local match and all costs that exceed the total estimated cost of \$2,810,000.</p>
<p>Town of Wake Forest Wake County C-5164 46229.1.1 46229.2.F1 46229.3.F1</p>	<p>This Project consists of the construction of a trail and sidewalk to connect major activity centers in Wake Forest. This Supplemental Agreement is to provide additional funding in the amount of \$600,000 from Transportation Alternative Program (TAP) funds. The Municipality shall provide \$600,000 as the non-federal match and all costs that exceed the total estimated funding amount of \$4,622,233. This Supplemental Agreement also extends the completion date of the Project to March 31, 2018, in lieu of October 30, 2017.</p>
<p>Town of Fuquay Varina Wake County U-5118GB 42379.3.37</p>	<p>This Project consists of the construction of intersection operational improvements within the existing right-of-way and roadway by adding dual left-turn lanes on the Sunset Lake Road/Purfoy Road quadrants onto US 401, relocation of pedestrian signal heads, traffic signal revisions, and installation of raised concrete medians in Fuquay Varina. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$686,400. The Municipality will be responsible for providing the 20% (\$171,600) non-federal match and all costs that exceed the total estimated cost.</p>
<p>City of Durham Durham County EB-4707B 38664.3.2</p>	<p>This Project consists of street and highway improvements on SR 2220 (Old Durham Chapel Hill Road) from SR 1113 (Pope Road) to SR 1116 (Garrett Road). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$575,650.</p>
<p>Town of Wake Forest Wake County EL-5100AE 41821.1.41 41821.2.41 41821.3.41</p>	<p>This Project consists of the design and construction of a 10-foot wide greenway from the NC 98 Bypass (Dr. Calvin Jones Highway) pedestrian culvert north to the town property and spurs to the west connecting to existing sidewalks within Deacons Ridge and Cardinal Park subdivisions in Wake Forest. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$365,440 (80%) and the Municipality's was \$91,360 (20%) for a total estimated cost of \$456,800. The Department agrees to reimburse the Municipality an additional \$300,000 (50%) of STP-DA funds, and the Municipality will provide an additional \$300,000 (50%) as their local match, for a total additional cost of \$600,000. The Municipality is responsible for all costs that exceed the total</p>

estimated Project funding amount of \$1,056,800.

Town of Apex  
Wake County  
R-2635B  
35520.5.TA1

This Project consists of the Western Wake Freeway from south of the future intersection of US 1 and Western Wake Freeway to north of the intersection of Olive Chapel Road (SR 1160) and Western Wake Freeway. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$843,077.

City of Raleigh  
Wake County  
U-4850  
44509.1.4  
39225.1.21

This Agreement is to perform planning work with the Municipality, which has been designated as the Lead Planning Agency for the Capital Area Metropolitan Planning Organization (CAMPO). The work is identified in the annual Unified Planning Work Program (UPWP) prepared by the MPO and approved by the policy board of the MPO, the Department, and FHWA.

City of Durham  
Durham County  
U-4727  
44509.1.5  
39225.1.18

This Agreement is to perform planning work with the Municipality, which has been designated as the Lead Planning Agency for the Durham Chapel Hill Carrboro Metropolitan Planning Organization (DCHC MPO). The work is identified in the annual Unified Planning Work Program (UPWP) prepared by the MPO and approved by the policy board of the MPO, the Department, and FHWA.

#### Division 6

Town of Angier  
Harnett County  
U-5530 PA  
44111.1.17  
44111.3.17

This Project consists of the extension of 5-foot sidewalk west along Hwy 210 from Walgreens to Fish Drive and south along Park Street from Hwy 210 to W. Lillington Street in Angier. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$418,280. The Municipality will be responsible for providing the 20% (\$104,570) non-federal match funds authorized and all costs that exceed the total estimated cost \$522,850.

Cumberland County  
Joint Planning Board  
Cumberland County  
M-0499F  
44509.1.6

This Project consists of planning activities for a five year comprehensive transportation plan for the Fayetteville Area Metropolitan Planning Organization (FAMPO) and the Cumberland County Joint Planning Board for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

#### Division 7

Town of Chapel Hill  
Orange County  
U-5550  
50154.3.2

This Project consists of intersection improvements at SR 1742 (Ephesus Church Road) and US 15/501 (Fordham Boulevard). The improvements include realignment, construction of turn lanes, widening and extension within the project limits in Chapel Hill. The Department shall participate in the actual Construction costs up to a maximum amount of \$2,170,000 (estimated costs are \$2,170,000).

North Carolina  
Railroad Company  
(NCRR)  
Norfolk Southern  
Railway (Railroad)  
Alamance County  
U-3109A  
34900.1.1

This Rail Project consists of construction of a new grade separation on the proposed new location of NC 119 beginning at Station 142+41.10 -L- running in a northerly direction over the tracks and related facilities owned by NCRR and operated by Railroad to Station 147+35.41 -L- identified for preliminary engineering as State Project WBS 34900.1.1 and Federal Project STP-0119(10) in Alamance County, and in connection to construct a crossing at separated grade, including the superstructure and substructure, the handrails therefore, the wearing surface of the highway, the approaches and the drainage and other related facilities across the NCRR's Corridor, property and right-of-way, tracks and other facilities at or near

Railroad's Milepost H-30 in accordance with plans and specifications prepared by Department.

City of Greensboro  
Guilford County  
17BP.7.R.81

This Project consists of replacing Bridge No. 40 on SR 1116 (Bishop Road) over Hickory Creek in Greensboro. At the request of the Municipality the Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water and sewer lines. The estimated cost to the Municipality is \$44,819.

City of Greensboro  
Guilford County  
U-2524D  
34820.3.30

This Project consists of Greensboro-Western Loop from North of US 220 (Battleground Avenue) to North of SR 2303 (Lawndale Drive) in Greensboro. At the request of the Municipality the Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water and sewer lines. The estimated cost to the Municipality is \$195,127.

Division 8

City of Asheboro  
Randolph County  
R-2536  
34450.3.8

This Design-Build Project consists of improvements to US 64 (Asheboro Southern Bypass) from US 64 West of Asheboro to existing US 64 East of Asheboro and Zoo Connector from east of SR 2839 (Staleys Farm Road) to the existing Zoo entrance. At the request of the Municipality the Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water and sewer lines. The Municipality shall pay the Department a lump sum amount of \$1,547,997.53 for the work.

Aberdeen Carolina &  
Western Railway  
(ACWR)  
Montgomery, Moore  
& Stanly Counties  
80000.1.4.29

This Rail Agreement supersedes the agreement that was approved on the May 5, 2016 Board of Transportation agenda, and revises the counties of work from Montgomery, Moore, and Anson to Montgomery, Moore and Stanly Counties. There are no other changes in the scope of work and/or cost of the project. The Agreement covered the approval of a Rail Freight Assistance grant from the State's Freight Rail & Rail Crossing Safety Improvement (FRRCSI) fund to assist ACWR with infrastructure improvements necessary to the railroad. The project consists of bridge repairs located at mileposts 23.1, 56.4, 338.5, and 346. ACWR will be responsible for performing the work. The Department will participate in the cost of the project to the extent of 50% or up to \$222,500, whichever is less. The estimated cost of the project is \$445,000. As a condition of the award, ACWR and the Department shall enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five years.

Division 9

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

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

Division 10

City of Concord  
Cabarrus County  
U-4910A  
40373.3.3

This Project consists of street and highway improvements on SR 1445 (Derita Road) from SR 2894 (Concord Mills Boulevard) to Aviation Boulevard. 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 lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$930,000.

City of Concord

This Project consists of street and highway improvements on SR 1445 (Derita Road)



<p>Cabarrus County U-4910B 40373.3.F2</p>	<p>from Aviation Boulevard to SR 1394 (Poplar Tent Road). 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 lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$320,000.</p>
<p>Charlotte Water Mecklenburg County 17BP.10.R.50</p>	<p>This Project consists of the replacement of Bridge 81 over branch of Clarks Creek on SR 2481 (Hucks Road). At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Agency is \$566,866.09.</p>
<p>City of Kannapolis Cabarrus County U-3440 39010.3.2</p>	<p>This Project consists of NC 3 from proposed West Side Bypass (U-2009) to SR 1691 (Loop Road). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$1,638,613.40.</p>
<p>Mecklenburg County Parks and Recreation (County) Mecklenburg County W-5601FJ 50138.1.167 50138.2.167 50138.3.167</p>	<p>This Project consists of improvements at the intersection of Davidson Concord Road (NC 73) and Ramah Church Road (SR 2439) in Huntersville and includes widening of both roads and the installation of a new traffic signal. The estimated cost of the Project is \$450,000. The Department will provide \$100,000 in project funds towards the cost of the project. The County shall be responsible for all costs that exceed the Department's funding. The estimated reimbursement from the County is \$350,000.</p>
<p>Division 11</p>	
<p>City of Mount Airy Surry County 17BP.11.R.115</p>	<p>This Project consists of the replacement of Bridge No. 850094 over the Ararat River on SR 1727 (Linville Road) in Mount Airy. This Utility Agreement is to insert waterline hangers on the north side of the bridge. The Municipality shall be responsible for the entire cost of the work. The estimated reimbursement from the Municipality is \$12,050.</p>
<p>Division 12</p>	
<p>City of Mount Holly Gaston County U-3633 37649.1.1</p>	<p>This Project consists of improvements on NC 273 (South Main Street) from Tuckaseegee Road at Beatty Road to Highland Street at A &amp; E Drive in Mount Holly. At the request of the Municipality, the Department shall use its utility engineering firm to engineer the utility plans for the relocation of water and sewer lines. The estimated reimbursement from the Municipality is \$12,447.95.</p>
<p>City of Hickory Catawba County B-5549 55047.1.1 55047.2.1 55047.3.1</p>	<p>The Project consists of the replacement of Bridge No. 327 located on Falling Creek Road over Falling Creek in Hickory. This Supplemental Agreement is to provide additional funding in the amount of \$586,400 (80%) from Municipal Bridge Program funds. The Municipality shall provide \$146,600 (20%) as the non-federal match.</p>
<p>Town of Cramerton Gaston County</p>	<p>This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the Town of Cramerton. The Department shall be responsible for all phases of the Project. The</p>

<p>M-0492M 44527.1.14</p>	<p>Department shall participate in the Project costs up to a maximum of \$36,000. The Municipality will provide a local match in the amount of \$4,000. This Agreement supersedes the prior board approval on May 5, 2016.</p>
<p>City of Lincoln Lincoln County C-5606I 43728.1.9 43728.3.9 44818</p>	<p>This Project consists of adding a raised concrete sidewalk to Bridge #277 on NC 27/150 over US 321 by converting an excess travel lane on NC 27/150 (East Main Street) in the area of the bridge into a sidewalk. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of eligible expenses from CMAQ funds, not to exceed \$158,000. The Department shall also reimburse 100% of eligible expenses from State Contingency Funds not to exceed \$250,000. Estimated total Department participation is \$408,000. The Municipality shall provide \$42,000 as the non-federal match and all costs that exceed the total estimated cost. The estimated cost of the Project is \$450,000.</p>
<p>City of Claremont Catawba County C-5195 46247.1.1 46247.3.1</p>	<p>This Project consists of constructing sidewalk in multiple locations along Centennial Boulevard, Calvin Street, S. Depot Street, Yount Street, Bethlehem Drive and School Street in Claremont. This Supplemental Agreement is to modify the scope of the Project. The Centennial Boulevard location will be eliminated from the Project.</p>

**SUMMARY: There are a total of 46 agreements for informational purposes only.**

Statewide

<p>North Carolina State University Statewide C-4902A 44002.1.2</p>	<p>This Project consists of the implementation and operation of the Clean Fuel Awareness Technology (CFAT) Program by North Carolina State University. This Supplemental Agreement restricts the maximum amount of funding to be reimbursed to the University and clarifies the completion date of the Project.</p>
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Division 1

<p>North Carolina Wildlife Resources Commission Gate County 36249.3664</p>	<p>This Project consists of the replacement of various pipe and road improvements in the Chowan Game Lands. The Department shall be responsible for all phases of the Project. The Agency shall reimburse the Department \$63,000 for work performed by the Department. The estimated total cost of Project is \$63,000.</p>
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Division 2

<p>Town of Beaufort Town of Beaufort Fire Department Carteret County 48124</p>	<p>This Project consists of the construction of a driveway access at 900 Cedar Street for the Town of Beaufort Fire Department. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$25,000. Costs which exceed this amount shall be borne by the Municipality.</p>
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Division 3

<p>Town of Carolina Beach New Hanover County U-5534 E 44096.1.6 44096.2.6</p>	<p>This Project consists of the design and construction of a multi-use path that begins at Mike Chappell Park along the existing cleared fire path and terminates at Greenville Avenue and the Harper Avenue bike lanes will consist of a bicycle boulevard on existing pavement on each side of Harper Avenue from Dow Road to Lake Park Boulevard. This Supplemental Agreement extends the completion date for the Project to June 30, 2017, in lieu of September 30, 2014.</p>
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44096.3.6

Town of Richlands Onslow County 3.106715 3.206715	This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$2,119.08 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.
City of Jacksonville Onslow County 3.106715 3.206715	This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$10,203.92 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.
Town of North Topsail Beach Onslow County 3.106715	This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$5,353.20 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.
Town of Leland Onslow County 3.201015	This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$2,677.80 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.
Town of Wilmington New Hanover County 3.106515 3.206515	This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$41,932.32 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.
Town of Carolina Shores Brunswick County 3.201015	This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$829.04 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.
Town of Holly Ridge Onslow County 3.106715 3.206715	This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$1,731.92 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.
City of Boiling Springs Lakes Brunswick County 3.101015 3.201015	This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$4,506.66 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.
Town of Teachey Duplin County 3.203115	This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$1,586.05 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.
Town of Oak Island Brunswick County 3.101015	This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$7,767.12 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

<p>Town of Calabash Brunswick County 3.101015 3.201015</p>	<p>This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$3,800.49. for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.</p>
<p>M. M. Fowler, Inc. New Hanover County 36249.3653</p>	<p>This Project consists of traffic signal review and inspection for the traffic signal at US 421 (Carolina Beach Road) and SR 1524 (Golden Road) [SIN 03-0830]. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.</p>
<p>Halpern Development Company, LLC New Hanover County 36249.3652</p>	<p>This Project consists of traffic signal review and inspection for the traffic signal at US 17 Business (Market Street) and SR 1403 (Middle Sound Loop Road) [SIN 03-0076]. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.</p>
<p>Town of Caswell Beach Brunswick County</p>	<p>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.</p>
<p>Enviva Pellets Sampson, LLC. Sampson County 36249. 3654</p>	<p>This Project consists of Signal design and installation at US 117 Connector at NC 403 and Enviva driveway regarding Enviva Pellets Sampson, LLC. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department \$129,058.37 for work performed by the Department. The estimated total cost of Project is \$129,058.37.</p>
<p>Town of Leland Brunswick County 36249.3656</p>	<p>This Project consists of design, fabrication, and installation of directional signs at the intersection of Village Road (SR 1472) and Fairview Road (non-system) and at the intersection of Village Road with South Navassa Road (SR 1435) and Old Fayetteville Road (SR 1437). The Entity shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$17,400.</p>
<p>Lidl US, LLC New Hanover County 36249.3655</p>	<p>This Project consists of traffic signal review and inspection for the traffic signal at US 74 (Eastwood Road) and Cavalier Drive related to the Cambridge Village development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.</p>
<p>Bay Foods, Inc. Brunswick County 36249.3657</p>	<p>This Project consists of traffic signal review and inspection for the traffic signal at US 74/76 at NC 87 (Maco Road) and SR 1419 (Northwest Road) related to the Hardees development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.</p>
<p>HT Properties, LLC New Hanover County 36249.3668</p>	<p>This Project consists of traffic signal review and inspection for the traffic signal at US 421 (North Lake Park Boulevard) at Harris Teeter retail driveway associated with the Harris Teeter development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.</p>
<p>Town of Cary Wake County EL-5100 GG 41821.1.17</p>	<p>This Project consists of the design and construction for the trailhead parking areas along Old Reedy Creek Road at the Black Creek Greenway in Cary. This Supplemental Agreement extends the completion date of the Project to September 1, 2017, in lieu of June 1, 2016.</p>

41821.3.43

Lidl US, LLC  
Wake County  
36248.3663

This Project consists of a new signal installation at SR 2000 (Wake Forest Road) and Ronald Drive/Ollie Street. 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 \$70,000.

City of Raleigh  
Wake County

This Agreement provides for the serving of food and beverages on property within or adjacent to State right of way under legislation enacted by the North Carolina General Assembly. The Municipality shall administer a sidewalk dining ordinance and issue approval of permits allowing sidewalk dining in State right of way under the conditions and criteria required by the law.

Town of Wake Forest  
Wake County  
U-5118 BA  
42379.1.3  
42379.3.F3

This Project consists of improvements on Ligon Mill Road, adding turn lanes, sidewalks, bike lanes, streetlights, and pedestrian signal. The Municipality is responsible for all phases of the project. This Supplemental Agreement extends the completion date for the Project to December 31, 2018, in lieu of September 1, 2016.

Town of Cary  
Wake County  
U-5500  
45487.1.1

This Project consists of the environmental study and preliminary engineering for widening Green Level West Road from two lanes to four lanes, starting at NC 55 west to Green Level Church Road in Cary. This Supplemental Agreement extends the completion date for the Project to July 1, 2017 in lieu of July 31, 2016.

Wake Technical  
Community College  
Wake County  
44824

This Project consists of paving the unpaved portion of SR 1706 (Watkins Road) in Morrisville. The Agency is responsible for all phases of the work. The Department shall participate in the actual Construction costs up to a maximum amount of \$242,593. Costs which exceed this amount shall be borne by the Agency. Total estimated costs are \$377,481.

Knightdale Investors,  
LLC  
Wake County  
36249.3671

This Project consists of modifying the signal at US 64 Business (Knightdale Boulevard) at the Square D Driveway in Knightdale. 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.

Research Triangle  
Foundation of North  
Carolina  
Durham County  
36249.3672

This Project consists of the new signal installation at NC 54 at Park Drive/BASF Driveway, Durham. 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 \$7,500.

Division 6

NC Piedmont Natural  
Gas  
Cumberland County  
50079.3.FD1

The Project consists of a right turn lane on SR 2220 (Tom Starling Road) at SR 2333 (Corporation Drive) in conjunction with the Project to realigning two curves along SR 2220 between US 301 and NC 87, including widening, resurfacing and a left turn lane at SR2333. The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$26,500 for work performed by the Department. The estimated total cost of Project is \$26,500.

City of Fayetteville  
Cumberland County  
36249.3669

This Project consists of review of the design plans and inspection of the roadway improvements, pavement markings and traffic signal revisions to connect Rayconda Road to US 401 Raeford Road) at the VA Clinic entrance. The Municipality shall be responsible for all phases of the

Project. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost for work performed by the Department in reviewing the proposed Project documents, upon completion of the work performed.

Lowes Homes  
Centers, LLC  
Cumberland County  
45336.3.FR27

The Project consists of construction of a right turn lane, right, monolithic island and cross walks and signal, traffic signal; and an entrance from NC 59 onto Butler Street in conjunction with the widening and construction of turn lanes Project W-5206AA on NC 59 (Hope Mills Road). The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$465,000 for work performed by the Department. The estimated total cost of Project is \$465,000.

Riddle Commercial  
Properties  
Cumberland County  
45336.3.FR27

The Project consists of construction of a right turn lane, right, monolithic island and cross walks and signal, traffic signal; and an entrance from NC 59 onto Butler Street in conjunction with the widening and construction of turn lanes Project W-5206AA on NC 59 (Hope Mills Road). The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$175,000 for work performed by the Department. The estimated total cost of Project is \$175,000.

Division 7

City of Greensboro  
Guilford County  
44708

This Project consists of installation of mast arm signal poles, pedestrian signals and stamped crosswalks at the intersection of SR 4240 (Gate City Boulevard) and South Elm Street (non-system) and SR 4240 (Gate City Boulevard) and Arlington Street in Greensboro. The Department shall participate in the costs of the project in an amount not to exceed \$250,000. Costs which exceed this amount shall be borne by the Municipality.

City of High Point  
Guilford County  
36050.041  
36053.041

This Agreement is to provide snow removal and ice removal along state maintained routes in the City of High Point. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$185,000 per year.

City of Greensboro  
Guilford County  
R-4707  
36599

This Project consists of developing a preliminary design plan for moving vehicular traffic along US 29 in Greensboro. This Supplemental Agreement extends the completion date of the Project to December 31, 2018, in lieu of December 31, 2015.

Main Development  
Company, LLC  
Guilford County  
36249.3650  
Division 8

This Project consists of a traffic signal installation at the intersection of NC 68 (Westchester Drive) and Idol Road (Non-system). 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.

Town of Southern  
Pines  
Moore County  
8.106315

This Agreement is to provide "routine" and/or "clean-up" mowing of vegetation within the rights of way of certain State maintained routes in Southern Pines. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$7,500 per year.

Chatham 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.

Village of Whispering

This Project consists of replacement of Bridge No. 87 on

Pines  
Moore County  
B-5543  
45526.1.1  
45526.2.F1  
45526.3.F1

S. Lakeshore Drive across Thaggard Lake in Whispering Pines. This Supplemental Agreement is for additional work included within the scope of the Project, consisting of form-lining two sides of the parapet, staining with a multi-colored stain and placing a single color stain on exposed concrete surfaces of the Bridge. The estimated cost to the Municipality for this betterment is \$41,958.

Division 10

KH Mint Hill LLLP  
Mecklenburg County  
36249.3667

This Project consists of the installation of a new traffic signal at the intersection of Albemarle Road (NC 24/27) and Cresswind Site Driveway. 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 11

Caldwell County  
44782

This Project consists of constructing a driveway to the new Patterson Volunteer Fire Department Satellite Station at the intersection of US 321 and SR 1371 (Waterfalls Road) in Caldwell County. The County shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$25,000. Costs which exceed this amount shall be borne by the County.

Town of Hudson  
Caldwell County  
36249.3662

This Project consists of removing 2 existing signs and furnishing and installing 4 new guide signs on US 321 at SR 1952/1809 (Pine Mountain Road) in Hudson. The Municipality shall reimburse the Department 100% of the actual cost of the Department’s work. The estimated reimbursement is \$2,600.

Town of Wilkesboro  
Wilkes County  
36249.3666

This Project consists of furnishing and installing signs for “2016 Men’s 2A Golf State Champions” on existing directional signs on NC 16/18 at Moravian Falls Road in Wilkes County. The Municipality shall reimburse the Department 100% of the actual cost of the Department’s work. The estimated reimbursement is \$740.00.

**Approval - Municipal Street System Changes**

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

**Deletions from the State Highway System**

**BOT approval of the following will be retroactive to June 30, 2016.**

Division	County	Municipality	Road	Termini	Length
10	Mecklenburg 2016_08_M001	Charlotte	SR 2467	To delete (SR 2467) portion of Lawrence Gray Road and renumber the remaining 2.69 miles to SR 2464	0.47
			SR 2477	To delete (SR 2477) Johnston Oehler Road	2.26

## Correction

Division	County	Municipality	Road	Termini	Length
9	Forsyth 2016_07_M001 to correct the municipal agreement to Forsyth 2016_06_M001	Kernersville	SR 2636	To delete (SR2636) Beeson Road	0.73

### Preliminary Right of Way Plans

A motion was made by Board Member Blount, seconded by Board Member Overholt, 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 1)**

**Hertford County; I.D. No. R-5311A; Project No. 45449.2.FS1:**

US 13/NC 11 from West of Modlin Road to East of NC 11/SR 1213 (Old NC 11 Road)

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

**Pitt County; I.D. No. U-5606; Project No. 45834.2.2:**

SR 1598 (Dickinson Avenue) from NC 11 to SR 1610 (Reade Circle)

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

**Wake County; I.D. No. U-5530GB; Project No. 44111.2.11:**

Fuquay-Varina – Bridge Street Pedestrian Improvements sidewalk along approx.. 0.5 miles of Bridge Street Cross Over the Norfolk Southern Railway-Pedestrian Crossing

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

**Cumberland County; I.D. No. B-4491; Project No. 38389.2.FR1:**

Bridge No. 22 over I-95B/US 301 on NC 59



**(Division 7)**

**Guilford County; I.D. No. U-5169; Project No. 45220.2.1:**  
I-74/us 311 and NC 68 (Eastchester Drive)

**(Division 8)**

**Randolph County; I.D. No. B-5928; Project No. 46371.2.1:**  
Bridge No. 175 over Mill Creek on SR 2614 (Grantville Lane)

**Scotland County; I.D. No. B-5749; Project No. 45705.2.1:**  
Bridge No. 36 over Big Shoe Heel Creek on SR 1421 (McIntosh Road)

**Scotland County; I.D. No. B-5746; Project No. 45702.2.1:**  
Bridge No. 43 over Leiths Creek on SR 1645 (Dixie Guano Road)

**Scotland County; I.D. No. B-5744; Project No. 45700.2.1:**  
Bridge No. 50 over Bridge Creek on SR 1615 (Hasty Road)

**Scotland County; I.D. No. B-5741; Project No. 45697.2.1:**  
Bridge No. 30 over Juniper Creek on SR 1425 (Lee's Mill Road)

**(Division 10)**

**Union County; I.D. No. W-5601EA; Project No. 50138.2.130:**  
SR 1007 (Rocky River Road) Between SR 1150 (Old Waxhaw-Monroe Road) and Jonathan Circle

**PRELIMINARY RIGHT OF WAY PLANS**

**11 PROJECT(S)**

**\$0.00**

**Final Right of Way Plans**

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

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

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

**(Division 3)**

**Project No. 38367.2.FD1; Brunswick County; I.D. No. B-4440:**  
Grading, drainage, paving and structure on Bridge No. 163 over Mulberry Branch on SR 1349 with the right of way indicated upon the final plans for said project.

**Project No. 40233.2.1; Pender County; I.D. No. B-4929:**

Grading, drainage, paving, structure and retaining walls on Bridge No. 16 over Intracoastal Waterway on NC 50-210 with the right of way indicated upon the final plans for said project.

**(Division 11)**

**Project No. 34605.2.2; Alleghany County; I.D. No. R-4060:**

Grading, drainage, paving, structure and retaining walls on US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21 with the right of way indicated upon the final plans for said project.

**(Division 14)**

**Project No. 42271.2.FR1; Macon County; I.D. No. B-5125:**

Grading, drainage, paving, signal and structure on Bridge No. 22 over Little Tennessee River on US 441 Business with the right of way indicated upon the final plans for said project.

**FINAL RIGHT OF WAY PLANS**

**4 PROJECT(S)**

**\$0.00**

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

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

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 2)**

**Project No. 34528.2.2; I.D. No. R-3307; Carteret County:**

Final Right of Way plans approved on the minutes of the February 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 9 as presented at the August 4, 2016 Board of Transportation Meeting.

**(Division 3)**

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





[https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study\\_id=Locust and Red Cross](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Locust%20and%20Red%20Cross)

The Transportation Planning Branch recommends the mutual adoption of the Locust and Red Cross Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of July 22, 2016. A motion was made by Board Member Blount, seconded by Board Member Overholt, to approve.

### Committee Reports

Chair Curran – Chair of the Audit Committee, provided an update.

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

Jake Alexander, Chair of the Highways 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 9:53 a.m.



Chairman,  
North Carolina Board of Transportation

Attest:   
Secretary to the Board of Transportation

Dated this 8<sup>th</sup> day of September, 2016