

# I N D E X

## BOARD OF TRANSPORTATION MEETING

December 1, 2016

	<u>Page No.</u>
Call to Order	3862
Invocation	3862
Ethics Statement	3862
Approval – Minutes of the October 6, 2016 Board Meeting	3862
Chairman’s Remarks	3862
Approval – Resolution for Jim Covington, Sr.	3862
Approval – Resolution for Congressman J Howard Coble	3863
Approval – Resolution for Trooper Dustin R. Bowick	3863
Approval – Resolution for Corporal Jesse A. Lunsford	3864
Approval – Honorary Designations of State Transportation Assets and Employee Memorial Program Policy	3864
Secretary’s Remarks	3865
Approval of Projects	3866
<u>Delegated Authority Items</u>	
Approval – Award of Highway Construction Contracts from the October 18, 2016 Letting	3866
Approval – Award of Contracts to Private Firms for Engineering Services	3868
Approval – Secondary Road Improvement Projects (Highway and Trust Funds)	3887
Approval – Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development	3889
Approval – Specific Spot Safety Improvement Projects	3890
<u>Action Items</u>	
Approval – Highway Maintenance Improvement Program	3896
Approval – Public Transportation	3899

Approval – Specific State Funds for Construction Projects	3907
Approval – State Highway Trust Funds – Strategic Transportation Investments	3907
Approval – State Highway Trust Funds – Intrastate System	3910
Approval – State Highway Trust Funds – Urban Loops	3910
Approval – Funds for Specific Federal – Aid Projects	3911
Approval – Revisions to the 2016 - 2025 STIPS	3926
Approval – Municipal and Special Agreements	3934
Approval – Municipal Street System Changes	3940
Approval – Preliminary Right of Way Plans	3941
Approval – Final Right of Way Plans	3942
Approval – Revisions of Final Right of Way Plans	3943
Approval – Conveyance of Highway Right of Way Residues	3943
Approval – Conveyance of Surplus Highway Right of Way	3944
Approval – Advance Acquisition of Highway Right of Way	3944
Approval – Rocky Mount MPO Comprehensive Transportation Plan	3945
Approval – Scotland County Comprehensive Transportation Plan	3945
Approval – Resolution for Blue Star Memorial Highway	3945
Committee Reports	3946
Adjournment	3946

## **Board of Transportation Meeting**

**December 1, 2016**

### **Call to Order**

Chairman Curran called the meeting of the Board of Transportation to order at 8:40 a.m. Thursday, December 1, 2016 in Raleigh, North Carolina with the following members present: Overholt, Blount, Fountain, Collins, Tulloss, Sheehan, Crawford, Hutchens, McQueary, Molamphy, Alexander, Perkins, Dodson, Wetmore, Brown and Debnam. He also welcomed Governor McCroy to the meeting.

Board Members Fearing and Palermo were absent.

### **Invocation**

The invocation was offered by Board Member Dodson.

### **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 November 3, 2016 Board Meeting**

The minutes of the November 3, 2016 Board of Transportation meeting were unanimously approved upon a motion by Board Member Blount, seconded by Board Member Overholt.

### **Chairman Curran Remarks**

Chairman Curran welcomed all the guests and asked Board member McQueary to come forward for the reading of the Resolution for Jim Covington, Sr.

### **Resolution for Jim Covington, Sr.**

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

**WHEREAS**, Jim Covington, Sr. has owned and operated Jim's Hot Dogs and Hamburgers in Graham which has provided employment for and fed those in the community for over 50 years; and

**WHEREAS**, Jim Covington, Sr. served as Past Master of the Bingham Masonic Lodge in Mebane, Past President of the Burlington Shrine Club, Past Potentate Amran Temple in Raleigh and Past Chairman of the North South Shrine Bowl; and

**WHEREAS**, Jim Covington, Sr. committed himself as Chairman of the Burlington Shriners Fish Fry for over 38 years. His commitment provided financial assistance and food for those less fortunate; and

**WHEREAS**, Jim Covington, Sr. has been an active, lifelong member of Hawfields Presbyterian Church in Mebane where he has served as a Deacon and on the Board of Elders. He has also demonstrated leadership through support of various local, national and international missions, and is a strong supporter of the children's and youth ministries; and

**WHEREAS**, the Graham City Council requests to name the Jimmy Kerr Road Bridge over I-40 in honor of Jim Covington, Sr. for his outstanding service and contributions to Alamance County and the State.

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

That the North Carolina Board of Transportation names the Jimmy Kerr Road Bridge over I-40 in Alamance County the *Jim Covington Sr. Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted, this the first day of December 2016 by the North Carolina Board of Transportation.

### **Resolution for Congressman J Howard Coble**

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

**WHEREAS**, the Honorable John Howard Coble, a lifelong resident of Guilford County, was raised by his father, Joseph Howard Coble, who started his career as a janitor and rose to become manager of a local department store, and his mother, Johnnie E. (Holt) Coble, who worked in a textile factory; and

**WHEREAS**, Mr. Coble attended Appalachian State University, Guilford College and the UNC Chapel Hill School of Law, served in the U.S. Coast Guard for five years and remained as a reserve officer for an additional twenty-two years, where he achieved the rank of Captain; and

**WHEREAS**, Mr. Coble was an assistant federal prosecutor, state revenue secretary and state legislator before his initial 1984 congressional victory, where he went on to proudly serve for thirty years representing the Sixth Congressional District; and

**WHEREAS**, Congressman Coble became one of the most well-known and beloved representatives of the citizens of North Carolina; often seen wearing a fedora and a madras-patched sports jacket, he was proud of his accessibility to voters; and

**WHEREAS**, the childhood home of Congressman Coble, located off of Alamance Church Road, was intersected by Interstate 85 in the spirit of progress and improvement of local infrastructure for Guilford County citizens; and

**WHEREAS**, the Guilford County Board of Commissioners requests to name a portion of Interstate 85 in Guilford County in memory of Congressman J. Howard Coble for his lifelong commitment to public service and his innumerable personal sacrifices.

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

That the North Carolina Board of Transportation names a portion of Interstate 85, from Interstate 40 to Alamance Church Road in Guilford County as the ***Congressman J. Howard Coble Highway***

That appropriate signs will be erected at a suitable time.

Adopted, this the first day of December 2016 by the North Carolina Board of Transportation.

### **Resolution for Trooper Dustin R. Bowick**

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

**WHEREAS**, Dustin “Dusty” R. Bowick was employed by the North Carolina State Highway Patrol on August 5, 2009, and attended the 126<sup>th</sup> Patrol Basic School; and

**WHEREAS**, after graduation on February 25<sup>th</sup>, 2010, he was assigned to Troop B, District 3, Onslow County in Jacksonville, North Carolina; and

**WHEREAS**, Trooper Bowick was transferred to Troop D, District 6, Randolph County in Asheboro on January 9, 2012, where he proudly served the North Carolina State Highway Patrol and the people of Randolph County until his death on August 20, 2012, at the age of 28, after a fearless battle with cancer; and

**WHEREAS**, Trooper Bowick served the Patrol in an exemplary manner during his short tenure. Seldom is a Trooper of such brevity with the Highway Patrol nominated for the “Trooper of the Year” Award; and

WHEREAS, the actions and career of Trooper Bowick serve as a worthy example for all citizens of Randolph County; and

WHEREAS, the Randolph County Board of Commissioners requests to name the bridge located on Cedar Square Road over Interstate 74 in Randolph County in memory of Trooper Dusty R. Bowick for his outstanding service.

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

That the North Carolina Board of Transportation names the bridge located on Cedar Square Road over Interstate 74 in Randolph County as the *Trooper Dustin R. Bowick Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted, this the first day of December 2016 by the North Carolina Board of Transportation.

**Resolution for Corporal Jesse A. Lunsford**

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

WHEREAS, Corporal Jesse Lunsford was born in 1895 in Person County and raised on a tobacco farm. He joined the United States Army in 1917 at the time when the United States of America had declared war on Germany and remained enlisted for the duration of the war; and

WHEREAS, Corporal Jesse Lunsford, assigned to Company G, 120<sup>th</sup> Infantry Regiment, 30<sup>th</sup> Division, A.E.F., near Bellicourt, France, September 29, 1918 was fighting to defend the United States of America with extraordinary heroism in action; and

WHEREAS, Corporal Jesse Lunsford attacked, single handed, a machine-gun post from which a destructive fire was being directed against his company. While he was approaching the nest the machine-gun shot the butt off his rifle, but he succeeded in getting close enough to the nest to throw four hand grenades into the nest and then killed the gunner with his bayonet; and

WHEREAS, Corporal Jesse Lunsford was awarded by the President of the United States, authorized by Act of Congress, the Distinguished Service Cross, the second highest award for heroism presented to a combat Army veteran; and

WHEREAS, the Person County Board of Commissioners requests to name a section of U.S. 158 East in memory of Corporal Jesse Lunsford for his acts of heroism and personal sacrifices.

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

That the North Carolina Board of Transportation names a portion of U.S. 158 East beginning at 3883 Oxford Road (Ivey Day Road) and ending at 9373 Oxford Road (Thomas Store Road) in Person County as the *Corporal Jesse Lunsford Highway*.

That appropriate signs will be erected at a suitable time.

Adopted, this the first day of December 2016 by the North Carolina Board of Transportation.

**Approval – Honorary Designations of State Transportation Assets and Employee Memorial Program Policy**

A motion was made by Chairman Curran, seconded by Board Member Overholt, to approve the updated Honorary Designations of State Transportation Assets and Employee Memorial Program Policy. (Attachment 1)

## **Secretary Tennyson's Remarks**

Secretary Tennyson welcomed everyone and thanked Governor McCrory for attending.

He recognized the Department for the hard work and generosity in raising funds for those NCDOT employees who were directly affected by the destruction of Hurricane Matthew. The Department raised well over eight thousand dollars.

He recognized nine NCDOT employees for their heroic efforts during recent storms and presented them with the Extra Mile Award.

From Division 1 he asked William Audrey Creech, Marty Lee Jernigan, and Stacy Allen Mizelle to come forward. These three employees from Bertie County Maintenance helped rescue a woman whose vehicle was trapped in flood waters during Tropical Storm Julia. After receiving a page from the fire department about the incident, they knew they were only a few miles away and could quickly assist. They were able to pull the woman out of the car to safety and other officials then helped the woman get home.

He asked Kenneth Faircloth from Division 3 Sampson County Maintenance to come forward. After arriving on the scene of a road washout during Hurricane Matthew, Kenneth positioned his truck to prevent anyone from driving off the road. He then heard someone screaming for help. He yelled back at them and honked the horn to let them know he was there and getting help. He called 911 and the Salemburg Fire Department then arrived and rescued a woman and two children.

From Division 4 he asked Clifton Merritt, Roger Peeden, and Luther Thompson to come forward. These employees from Wayne County Maintenance were involved in two separate rescues during Hurricane Matthew. First, on the afternoon of the storm, Clifton and Roger rescued a woman whose car was stalled out in floodwaters. Later that night, Clifton and Luther also rescued another woman whose car was stranded on the side of the road in knee-high water. They also later realized that the woman would not have received urgent medical care for a health issue she had developed if they had not rescued her.

From Division 5 he asked Terry Haley and Wayne Steele to come forward. These employees from Wake County Maintenance were observing floodwaters at a bridge when a motorist drove through the cones and yellow tape and into the water. They immediately alerted authorities and rescuers were able to help a motorist who was clinging to a tree downstream. If these employees had not called for help it is likely the motorist would not have survived, as the vehicle was washed out of sight.

The Secretary said he appreciated everyone's teamwork and dedication to serving the citizens of our state and fellow DOT employees. The Department helped each other like a family, even while many were impacted themselves. Approximately 180 routes are still affected by damage from Hurricane Matthew.

There are several routes impacted by western NC wildfires. U.S. 441, which is a National Park Service road, is the only major road in North Carolina closed at this time due to the fires.

He recognized Division 1 Roadside Environmental Engineer, Pat Mansfield, for receiving the 2016 Turney Hernandez Roadside Excellence Award from the National Roadside Vegetation Management Association. This is the association's highest honor, named for its founder, and is awarded to outstanding roadside vegetation management programs or individuals throughout the country. He congratulated Pat on his well-deserved recognition.

The Secretary recognized Tammy Ashley for her years of service to the Department. She has been the Event Coordinator for nearly 4 years and was the Board Secretary for 12 years prior to that. He congratulated her on her upcoming retirement.

He presented Vicki Stanley with the Road Gang Award for her years of dedication and hard work for the Department. He congratulated her on her upcoming retirement.

The U.S. 264 Interstate Designation (Future I-587) between Zebulon and Greenville was approved by AASHTO and FHWA. He thanked everyone involved for their hard work and dedication.

This past month the Secretary attended the McCrimmon Parkway Groundbreaking Extension in Morrisville, the Greenville Southwest Bypass Construction Celebration, the Winston-Salem Northern Beltway Project Update and the Ribbon-Cutting Celebration for Rogers Road Bridge in Wake Forest.

He also attended the DMV Flooded Vehicles Event in Kinston and the Business 40 Incident Management Summit in Winston-Salem. He met with VDOT Secretary Aubrey Layne and Currituck County officials regarding Future I-87 Corridor. He attended the N.C. Coalition for Global Competitiveness Meeting and the Raleigh Union Station Briefing and Tour.

He will be attending the GTP Manufacturing Day the afternoon of December 1, 2016 along with more than 900 middle and high school students from surrounding counties.

### **Approval of Projects**

A motion was made by Board Member Perkins, seconded by Board Member McQueary, 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 November, 2016 Letting**

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

<u>Project</u>	<u>Contract Awarded To</u>	<u>Amount</u>
C203922 17BP.3.R.28 STATE FUNDED NEW HANOVER	MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	\$3,156,247.36

C203952 2017CPT.03.03.10711, 2017CPT.03.03.20711, 2017CPT.03.03.20712 STATE FUNDED PENDER	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$3,854,732.58
C203951 2017CPT.03.04.10311, 2017CPT.03.04.20311 STATE FUNDED DUPLIN	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$8,748,389.00
C203949 38410.3.1, 45619.3.1 BRZ-2143(002), STATE FUNDED JOHNSTON, WAYNE B-4562, B-5664	T. A. LOVING COMPANY GOLDSBORO, NC	\$7,607,500.00
C203950 17BP.6.R.77 STATE FUNDED ROBESON	E.S. WAGNER COMPANY, LLC – SOUTH CA PIEDMONT, SC	\$4,167,026.04
C203961 15006.1024015, 50138.3.4 STATE FUNDED HSIP-0701(031) COLUMBUS W-5601AT	E.S. WAGNER COMPANY, LLC - SOUTH CA PIEDMONT, SC	\$1,451,204.29
C203802 46057.3.1 STATE FUNDED ROCKINGHAM B-5343	R.E. BURNS & SONS CO., INC. STATESVILLE, NC	\$1,021,532.85
C203840 34409.3.23 NHP-0421(088) FORSYTH R-2247CD, R-2247EC	BLYTHE CONSTRUCTION, INC.	\$43,900,000.00
C203803 39010.3.2 STATE FUNDED CABARRUS U-3440	J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	\$28,561,337.70
C203916 44797.3.1 NHP-0485(044) MECKLENBURG	J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	\$5,821,947.01

I-5960

C203801 34518.3.FR3 STP-0221(41) ASHE R-2915C	VECELLIO & GROGAN INC BECKLEY, WV	\$57,986,044.51
C203918 17BP.11.R.118 STATE FUNDED AVERY, WATAUGA	SUMMERS-TAYLOR, INC. ELIZABETHTON, TN	,\$461,850.00
C203948 2017CPT.13.01.10111, 2017CPT.13.01.20111, 2017CPT.13.01.20112, 44964.3.1 STATE FUNDED BUNCOMBE SS-4913CL	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC ATLANTIC INC KN	\$13,528,003.90

#### **Approval - Professional Services Management**

#### **Professional Services Management 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 the CEI services listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

#### **DIVISION 7**

Project:	34820.3.30 (U-2524D) Guilford County Future I-840, from US 220 (Battleground Ave) to SR 2303 (Lawndale Dr), (2.1 mile) Construct Freeway on new location
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$75,600,00.00
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

#### **Deputy Chief Engineer**

#### **Materials and Tests**

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

## STATEWIDE

Description of Work:	2014-2016 Materials and Tests LSC
Firm:	S&ME, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$ 570,000.00
DBE/MBE/SPSF Utilization:	Trimat Materials Testing, Inc. \$142,500.00 25%

## Field Support

### Right of Way

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 Right of Way LSC on an as needed basis for various federal-aid and state funded projects to support the Right of Way Unit. These contracts will expire 2 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:	Right of Way LSC
Firm:	Professional Property Services, Inc., Cornelius, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Description of Work:	Right of Way LSC
Firm:	Vistabution, LLC, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	Right of Way LSC
Firm:	Acquirelo, LLC, Taylorsville, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Description of Work:	Right of Way LSC
Firm:	Southeastern Right of Way, LLC, Wilmington, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	100%

Description of Work:	Right of Way LSC
Firm:	Carolina Land Acquisitions, Inc., Zebulon, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	100%

Description of Work:	Right of Way LSC
Firm:	Right of Way Consultants, LLC, Winston- Salem, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Description of Work:	Right of Way LSC
Firm:	Hearns Real Estate Solutions, LLC, Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	Right of Way LSC
Firm:	Premier Design Builders, Inc., Kernersville, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	Right of Way LSC
Firm:	The Right of Way Group, LLC, Lumberton, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	TELICS, Pineville, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Vaughn & Melton Consulting Engineers, Asheville, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	HNTB North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Percheron Professional Services, LLC, Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Professional Land Management, LLC, Lexington, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	American Acquisition Group, LLC, Tampa, FL
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Florida Acquisition & Appraisal, Inc., Tampa, FL
Maximum Engineering Fee:	\$5,000,000.00

SPSF Utilization: 0%

Description of Work: Right of Way LSC  
Firm: THC, Inc., Lawrenceville, GA  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 0%

Description of Work: Right of Way LSC  
Firm: AECOM Technical Services of North Carolina, Inc.,  
Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 0%

Description of Work: Right of Way LSC  
Firm: Gulf Coast, LLC, Charlotte, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 0%

Description of Work: Right of Way LSC  
Firm: Atkins North America, Inc., Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 0%

Description of Work: Right of Way LSC  
Firm: HDR Engineering Inc. of the Carolinas, Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 0%

Description of Work: Right of Way LSC  
Firm: North State Acquisitions, LLC, Albemarle, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 100%

Description of Work: Right of Way LSC  
Firm: O.R. Colan Associates, LLC, Charlotte, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/WBE Utilization: 100%

## Utilities

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 Utilities Design on an as needed basis for various federal-aid and state funded projects to support the Utilities Unit. These contracts will expire 2 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: Utilities Design LSC

Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Design LSC
Firm:	CH Engineering, PLLC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	Utilities Design LSC
Firm:	Davis-Martin-Powell & Associates, Inc., High Point, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	Utilities Design LSC
Firm:	Dewberry Engineers, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Design LSC
Firm:	HDR Engineering, Inc., of the Carolinas, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Design LSC
Firm:	Hinde Engineering, Inc., Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	Utilities Design LSC
Firm:	MA Engineering Consultants, Inc., Cary, NC
Maximum Engineering Fee:	\$500,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	Utilities Design LSC
Firm:	McGill Associates, P A, Asheville, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	Utilities Design LSC
Firm:	Municipal Engineering Services CO., PA, Garner, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization :	100%
Description of Work:	Utilities Design LSC
Firm:	Rummel Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work: Utilities Design LSC  
Firm: STV Engineers, Inc., Charlotte, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: Utilities Design LSC  
Firm: TGS Engineers, Shelby, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 100%

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Utilities Coordination on an as needed basis for various federal-aid and state funded projects to support the Utilities Unit. These contracts will expire 2 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: Utilities Coordination LSC  
Firm: AECOM Technical Services of North Carolina, Inc., Raleigh, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: Utilities Coordination LSC  
Firm: Cardno, Inc., Charlotte, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: Utilities Coordination LSC  
Firm: CH Engineering, PLLC, Raleigh, NC  
Maximum Engineering Fee: \$500,000.00  
DBE/WBE/SPSF Utilization: 100%

Description of Work: Utilities Coordination LSC  
Firm: Davis-Martin-Powell & Associates, Inc., High Point, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 100%

Description of Work: Utilities Coordination LSC  
Firm: ICE of Carolinas, PLLC, Raleigh, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 100%

Description of Work: Utilities Coordination LSC  
Firm: KCI Associates of North Carolina, PA, Raleigh, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: Utilities Coordination LSC  
Firm: Michael Baker Engineering, Inc., Cary, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: Utilities Coordination LSC  
Firm: Rummel Klepper & Kahl, LLP, Raleigh, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: Utilities Coordination LSC  
Firm: So-Deep US, PC, Raleigh, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 100%

Description of Work: Utilities Coordination LSC  
Firm: STV Engineers, Inc., Charlotte, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: Utilities Coordination LSC  
Firm: TELICS, Pineville, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: Utilities Coordination LSC  
Firm: Vaughn & Melton Consulting Engineers, Asheville, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work: Utilities Coordination LSC  
Firm: Wetherill Engineering, Inc., Raleigh, NC  
Maximum Engineering Fee: \$500,000.00  
DBE/WBE/SPSF Utilization: 100%

## **Transit**

### **Public Transportation**

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

### **STATEWIDE**

Description of Work: 2017 Public Transportation LSC  
Firm: AECOM Technical Services of North Carolina, Inc., Raleigh, NC

Maximum Engineering Fee: \$750,000.00  
 DBE/WBE/SPSF Utilization: Cherry Consulting of the Carolinas, Inc. \$150,000.00  
 20%

Description of Work: 2017 Public Transportation LSC  
 Firm: Asset Management Associates, PLLC, Apex, NC  
 Maximum Engineering Fee: \$750,000.00  
 SPSF Utilization: 100%

Description of Work: 2017 Public Transportation LSC  
 Firm: KFH Group, Inc., Bethesda, MD  
 Maximum Engineering Fee: \$750,000.00  
 DBE/WBE/SPSF Utilization : 100%

Description of Work: 2017 Public Transportation LSC  
 Firm: RLS & Associates, Inc., Dayton, OH  
 Maximum Engineering Fee: \$750,000.00  
 DBE/WBE/SPSF Utilization: 100%

Description of Work: 2017 Public Transportation LSC  
 Firm: TransPro Consulting, LLC, Spring Hill, FL  
 Maximum Engineering Fee: \$750,000.00  
 SPSF Utilization: Economic Development Research Group, Inc. \$37,500.00  
 5%

Description of Work: 2017 Public Transportation LSC  
 Firm: VHB Engineering NC, PC, Raleigh, NC  
 Maximum Engineering Fee: \$750,000.00  
 DBE/WBE/SPSF Utilization: Cherry Consulting of the Carolinas, Inc. \$75,000.00  
 10%  
 DBE/MBE/SPSF Utilization: Neighborhood Solutions, LLC \$75,000.00  
 10%

Description of Work: 2017 Public Transportation LSC  
 Firm: Whitman, Requardt and Associates, LLP, Baltimore, MD  
 Maximum Engineering Fee: \$750,000.00  
 DBE/WBE/SPSF Utilization: Foursquare ITP \$112,500.00  
 15%  
 SPSF Utilization: Renaissance Planning Group, Inc. \$112,500.00  
 15%  
 DBE/WBE/SPSF Utilization: Simon Resources, Inc. \$37,500.00  
 5%

Description of Work: 2017 Public Transportation LSC  
 Firm: WSP | Parsons Brinckerhoff, Raleigh, NC  
 Maximum Engineering Fee: \$750,000.00  
 DBE/WBE/SPSF Utilization: Cherry Consulting of the Carolinas, Inc. \$187,500.00  
 25%

## Planning & Programming

### Transportation Planning

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 Corridor Planning on an as needed basis for various federal-aid and state funded projects to support the Transportation Planning Branch. These contracts will expire two (2) years (with a one-year extension possible) after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

#### STATEWIDE

Description of Work:	Strategic Transportation Corridors Master Plans - Corridor Planning	
Firm:	Atkins North America, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$500,000.00	
SPSF Utilization:	Clearbox Forecast Group, PLLC	\$25,000.00
	5%	
DBE/WBE/SPSF Utilization:	Public Information Associates	\$50,000.00
	10%	

Description of Work:	Strategic Transportation Corridors Master Plans - Corridor Planning	
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$500,000.00	
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC	\$12,500.00
	2.5%	
SPSF Utilization:	SpanishSpeaking	\$12,500.00
	2.5%	

Description of Work:	Strategic Transportation Corridors Master Plans - Corridor Planning	
Firm:	WSP   Parsons Brinckerhoff, Raleigh, NC	
Maximum Engineering Fee:	\$500,000.00	
SPSF Utilization:	0%	

Description of Work:	Strategic Transportation Corridors Master Plans - Corridor Planning	
Firm:	H. W. Lochner, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$500,000.00	
SPSF Utilization:	Clearbox Forecast Group, PLLC	\$50,000.00
	10%	

### Strategic Prioritization Office

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

#### STATEWIDE

Project:	W02677 Statistical Analysis of Strategic Transportation Investments (STI)
Scope of Work:	P4.0 Statistical Analysis of Strategic Prioritization

Firm:	Cambridge Systematics, Inc., Cambridge, MA
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
Supplemental Work:	Local Input Point Process Verification
SPSF Utilization:	0%

### **Technical Services**

#### **Location & Surveys**

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 surveying on an as needed basis for various federal-aid and state funded projects to support the Location & Surveys Unit. These contracts will expire two (2) 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:	2017-2018 LSC
Firm:	Allied Associates, PA, Winston-Salem, NC
Maximum Engineering Fee:	\$2,500,000.00
SPSF Utilization:	100%

Description of Work:	2017-2018 LSC
Firm:	AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC
Maximum Engineering Fee:	\$2,500,000.00
SPSF Utilization:	0%

Description of Work:	2017-2018 LSC
Firm:	Calyx Engineers and Consultants, Inc., Cary, NC
Maximum Engineering Fee:	\$7,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2017-2018 LSC
Firm:	Cardno, Inc., Charlotte, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2017-2018 LSC
Firm:	CH Engineering, PLLC, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2017-2018 LSC
Firm:	Dewberry Engineers, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	2017-2018 LSC
Firm:	DRMP, Inc., Charlotte, NC

Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	ESP Associates, PA, Charlotte, NC
Maximum Engineering Fee:	\$12,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	GEL Engineering of NC Inc., Charleston, SC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	Johnson, Mirmiran & Thompson, Inc., Sparks, MD
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	Joyner Keeny, PLLC, Rocky Mount, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	KCI Associates of North Carolina, PA, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	Mattern & Craig, Inc., Asheville, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	McKim & Creed, Inc., Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	So-Deep   SAM NC, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,500,000.00
SPSF Utilization:	100%
Description of Work:	2017-2018 LSC

Firm:	Stantec Consulting Services, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	Stewart Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	Taylor, Wiseman & Taylor, Cary, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	Vaughn & Melton Consulting Engineers, Asheville, NC
Maximum Engineering Fee:	\$6,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	Wadelynn Geospatial, LLC, Garner, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	WithersRavenel, Inc., Cary, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

### **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 for planning & design engineering services on an as needed basis for various federal-aid and state funded projects to support the Roadway Design and Project Development and Environmental Analysis units. These contracts will expire two (2) years (with an optional one (1) year extension) after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the board on May 7, 2009. These are for information only.

**STATEWIDE**

Description Of Work: 2016 Planning & Design LSC  
Firm: Rummel, Klepper & Kahl, LLP, Raleigh, NC  
Maximum Engineering Fee: \$8,000,000.00  
DBE/WBE/SPSF Utilization: Calyx Engineers and Consultants, Inc. \$160,000.00  
2%  
DBE/MBE/SPSF Utilization: Accelerate Engineering, PLLC \$80,000.00  
1%  
SPSF Utilization: Patriot Transportation Engineering, PLLC \$80,000.00  
1%  
DBE/WBE/SPSF Utilization: Falcon Engineering, Inc. \$320,000.00  
4%  
DBE/MBE/SPSF Utilization: MM/I and Associates, LLC \$80,000.00  
1%

Description Of Work: 2016 Planning & Design LSC  
Firm: KCI Associates of North Carolina, PA, Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$1,000,000.00  
20%  
SPSF Utilization: Sungate Design Group, PA \$750,000.00  
15%

Description Of Work: 2016 Planning & Design LSC  
Firm: Atkins North America, Inc., Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/SPSF Utilization: MI Engineering, PLLC \$150,000.00  
3%  
SPSF Utilization: Hinde Engineering, Inc. \$150,000.00  
3%  
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$250,000.00  
5%

Description Of Work: 2016 Planning & Design LSC  
Firm: HNTB of North Carolina, PC, Raleigh, NC  
Maximum Engineering Fee: \$8,000,000.00  
SPSF Utilization: Axiom Environmental, Inc. \$160,000.00  
2%  
SPSF Utilization: Environmental Services, Inc. \$160,000.00  
2%  
DBE/MBE/SPSF Utilization: MA Engineering Consultants, Inc. \$80,000.00  
1%  
SPSF Utilization: So-Deep US, PC \$80,000.00  
1%

Description Of Work: 2016 Planning & Design LSC  
Firm: HDR Engineering Inc. of the Carolinas, Raleigh, NC  
Maximum Engineering Fee: \$8,000,000.00

DBE/WBE/SPSF Utilization:	CH Engineering, PLLC	\$240,000.00
	3%	
SPSF Utilization:	Hinde Engineering, Inc.	\$240,000.00
	3%	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$160,000.00
	2%	
SPSF Utilization:	Patriot Transportation Engineering, PLLC	\$240,000.00
	3%	
SPSF Utilization:	Carolina Land Acquisitions, Inc.	\$80,000.00
	1%	
SPSF Utilization:	Ramey Kemp & Associates, Inc.	\$400,000.00
	5%	

Description Of Work: 2016 Planning & Design LSC  
Firm: Simpson Engineers & Associates, PC, Cary, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/MBE/SPSF Utilization: 100%

Description Of Work:	2016 Planning & Design LSC	
Firm:	Dewberry Engineers, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC	\$400,000.00
	5%	
DBE/MBE/SPSF Utilization:	Davenport	\$400,000.00
	5%	
SPSF Utilization:	EEE Consulting, Inc.	\$80,000.00
	1%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$240,000.00
	3%	
SPSF Utilization:	Patriot Transportation Engineering, PLLC	\$480,000.00
	6%	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$320,000.00
	4%	
SPSF Utilization:	Southeastern Right of Way, LLC	\$80,000.00
	1%	

Description Of Work: 2016 Planning & Design LSC  
Firm: Three Oaks Engineering, Inc., Durham, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/WBE/SPSF Utilization: 100%

Description Of Work: 2016 Planning & Design LSC  
Firm: Stewart Engineering, Inc., Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 100%

Description Of Work: 2016 Planning & Design LSC  
Firm: H.W. Lochner, Inc., Raleigh, NC

Maximum Engineering Fee:	\$8,000,000.00	
DBE/MBE/SPSF Utilization:	Accelerate Engineering, PLLC 4%	\$320,000.00
SPSF Utilization:	Axiom Environmental, Inc. 4%	\$320,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP 8%	\$640,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. 4%	\$320,000.00
DBE/MBE/SPSF Utilization:	MM/I and Associates, LLC 1%	\$80,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC 4%	\$320,000.00
SPSF Utilization:	So-Deep US, PC 4%	\$320,000.00
SPSF Utilization:	Sungate Design Group, PA 5%	\$400,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
SPSF Utilization:	Summit Design and Engineering Services, PLLC 2.5%	\$200,000.00
SPSF Utilization:	Mattern & Craig, Inc. 1%	\$80,000.00
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC 1.5%	\$120,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	STV Engineers, Inc., Charlotte, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	Calyx Engineers and Consultants, Inc. 6%	\$480,000.00
DBE/MBE/SPSF Utilization:	TOMEFOG, Inc. 2%	\$160,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	VHB Engineering NC, PC, Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. 2%	\$160,000.00
SPSF Utilization:	Hinde Engineering, Inc. 3%	\$240,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 6%	\$480,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC 1%	\$80,000.00

SPSF Utilization:	So-Deep US, PC 5%	\$400,000.00
SPSF Utilization:	Sungate Design Group, PA 6%	\$480,000.00
SPSF Utilization:	TGS Engineers 6%	\$480,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	TGS Engineers, Shelby, NC	
Maximum Engineering Fee:	\$8,000,000.00	
SPSF Utilization:	100%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	Mead & Hunt, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$3,000,000.00	
DBE/MBE/SPSF Utilization:	Davenport 13%	\$390,000.00
SPSF Utilization:	EEE Consulting, Inc. 4%	\$120,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC 5%	\$150,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC	
Maximum Engineering Fee:	\$8,000,000.00	
SPSF Utilization:	Carolina Ecosystems, Inc. 2.5%	\$200,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 2.5%	\$200,000.00
SPSF Utilization:	So-Deep US, PC 2.5%	\$200,000.00
SPSF Utilization:	Angler Environmental 2%	\$160,000.00
SPSF Utilization:	Progressive Design Group, Inc. 4%	\$320,000.00
SPSF Utilization:	Clearbox Forecast Group, PLLC 1%	\$80,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	DRMP, Inc., Charlotte, NC	
Maximum Engineering Fee:	\$3,000,000.00	
SPSF Utilization:	Hinde Engineering, Inc. 2%	\$60,000.00
SPSF Utilization:	Patriot Transportation Engineering, PLLC 5%	\$150,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 7%	\$210,000.00
SPSF Utilization:	SpanishSpeaking	\$30,000.00

	1%	
SPSF Utilization:	Sungate Design Group, PA	\$180,000.00
	6%	
DBE/MBE/SPSF Utilization:	Tech Engineering Group, PLLC	\$60,000.00
	2%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	Mott MacDonald I&E, LLC, Fuquay-Varina, NC	
Maximum Engineering Fee:	\$5,000,000.00	
DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP	\$250,000.00
	5%	
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc.	\$100,000.00
	2%	
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC	\$100,000.00
	2%	
DBE/MBE/SPSF Utilization:	Accelerate Engineering, PLLC	\$50,000.00
	1%	
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc.	\$500,000.00
	10%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	Calyx Engineers and Consultants, Inc., Cary, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	100%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	WSP   Parsons Brinckerhoff, Raleigh, NC	
Maximum Engineering Fee:	\$5,000,000.00	
SPSF Utilization:	Carolina Ecosystems, Inc.	\$150,000.00
	3%	
SPSF Utilization:	Utility Coordination Consultants	\$150,000.00
	3%	
SPSF Utilization:	EEE Consulting, Inc.	\$100,000.00
	2%	
DBE/WBE/SPSF Utilization:	Morton & Morton Design Services, PLLC	\$50,000.00
	1%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	Moffatt & Nichol, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$5,000,000.00	
SPSF Utilization:	Clearbox Forecast Group, PLLC	\$50,000.00
	1%	
DBE/MBE/SPSF Utilization:	Davenport	\$225,000.00
	4.5%	
SPSF Utilization:	Joyner Keeny, PLLC	\$125,000.00
	2.5%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$100,000.00
	2%	

DBE/MBE/SPSF Utilization:	Vistabution, LLC 4%	\$200,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC	
Maximum Engineering Fee:	\$3,000,000.00	
SPSF Utilization:	100%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	Stantec Consulting Services, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$5,000,000.00	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. 5%	\$250,000.00
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc. 3%	\$150,000.00
SPSF Utilization:	Patriot Transportation Engineering, PLLC 2%	\$100,000.00
SPSF Utilization:	So-Deep US, PC 2%	\$100,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	Johnson, Mirmiran & Thompson, Inc., Virginia Beach, VA	
Maximum Engineering Fee:	\$3,000,000.00	
DBE/SPSF Utilization:	MI Engineering, PLLC 12%	\$360,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 4%	\$120,000.00
SPSF Utilization:	SpanishSpeaking 2%	\$60,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC 2%	\$60,000.00
DBE/MBE/SPSF Utilization:	Baseline Mobility Group, Inc. 2%	\$60,000.00
SPSF Utilization:	Zapata-LJB, PLLC 4%	\$120,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC 10%	\$800,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. 5%	\$400,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 8%	\$640,000.00
SPSF Utilization:	Patriot Transportation Engineering, PLLC 4%	\$320,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC	\$160,000.00

SPSF Utilization:	2% SpanishSpeaking 1%	\$80,000.00
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**Project Development & Environmental Analysis – Natural Environmental**

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

**STATEWIDE**

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Three Oaks Engineering, Inc., Durham, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	McCormick Taylor, Inc., Raleigh, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$600,000.00
SPSF Utilization :	Alderman Environmental Services, Inc. \$90,000.00 15%
SPSF Utilization :	Axiom Environmental, Inc. \$30,000.00 5%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Dr. J.H. Carter III & Associates, Inc., Southern Pines, NC
Original Engineering Fee:	\$600,000.00
Supplemental Fee:	\$300,000.00
SPSF Utilization:	100%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$ 600,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$20,000.00 2%

**Project Development & Environmental Analysis – Project Planning**

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

**STATEWIDE**

Description of Work: 2014 Planning and Design LSC  
 Firm: RS&H Architects-Engineers-Planners, Charlotte, NC  
 Original Engineering Fee: \$1,000,000.00  
 Previous Supplemental Fee: \$6,000,000.00  
 Supplemental Fee: \$1,500,000.00  
 SPSF Utilization: Joyner Keeney, PLLC \$37,500.00  
 2.5%  
 SPSF Utilization: Carolina Ecosystems, Inc. \$37,500.00  
 2.5%  
 SPSF Utilization: Progressive Design Group, Inc. \$37,500.00  
 2.5%  
 SPSF Utilization: Utility Coordination Consultants \$37,500.00  
 2.5%

Description of Work: 2015 Planning and Design LSC  
 Firm: Davenport, Winston-Salem, NC  
 Original Engineering Fee: \$1,500,000.00  
 Supplemental Fee: \$1,500,000.00  
 DBE/MBE/SPSF Utilization: 100%

**DIVISION 12**

Project: 37944.1.1 (R-2307) Lincoln, Catawba, and Iredell Counties  
 NC 150 from relocated NC 16 to I-77  
 Scope of Work: Preparation of environmental documents and preliminary designs  
 Estimated Construction Cost: \$203,620,000.00  
 Firm: Stantec Consulting Services, Inc. Raleigh, NC  
 Original Engineering Fee: \$1,200,000.00  
 Previous Supplemental Fee: \$ 595,000.00  
 Supplemental Fee: \$ 270,000.00  
 Supplemental Work: Post-hearing work, additional design and traffic analysis, merger meetings and ongoing agency coordination  
 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
Guilford Div. 7	SR 3617 Mabel Lane	GDB&P. Increase Funds. WBS 7C.041184	\$42.88
Guilford Div. 7	SR 2795 Huffine Farm Road	GDB&P. Increase Funds. WBS 7C.041188	\$337,413.37

Guilford Div. 7	SR 2761 Falcon Road	GDB&P. Increase Funds. WBS 7C.041209	\$38,713.05
Guilford Div. 7	SR 3391 Connie Road	GDB&P. Increase Funds. WBS 7C.041212	\$111,410.74
Guilford Div. 7	SR 2945 Carmon Loop	GDB&P. Increase Funds. WBS 7C.041213	\$85,420.31
Guilford Div. 7	SR 2125 Rhondan Drive	GDB&P. Increase Funds. WBS 7C.041228	\$60,295.40
Guilford Div. 7	SR 3366 Canova Road	GDB&P. Increase Funds. WBS 7C.041243	\$42,351.84
Guilford Div. 7	SR 3365 Bali Road	GDB&P. Increase Funds. WBS 7C.041245	\$5,015.00
Guilford Div. 7	SR 2316 Strader Road	GDB&P. Increase Funds. WBS 7C.041250	\$416,214.22

**Deletions**

County	SR No.	Reason	Amount
Guilford Div. 7	SR 1863 Bending Road	GDB&P Unavailable Right of Way. WBS 7C.041129	-\$160,644.30
Guilford Div. 7	SR 2195 Banning Road	GDB&P. Unavailable Right of Way. WBS 7C.041222	-\$99,456.63
Guilford Div. 7	SR 2043 Hutchens Road	GDB&P. Unavailable Right of Way. WBS 7C.041223	-\$73,062.13
Guilford Div. 7	SR 2116 Draper Road	GDB&P. Unavailable Right of Way. WBS 7C.041226	<b>-\$165,020.99</b>
Guilford Div. 7	SR 1350 Whites Road	GDB&P. Unavailable Right of Way. WBS 7C.041242	<b>-\$60,872.04</b>

**December 2016 Item E Summary:**

<b>9</b>	<b>Projects to Establish Funds</b>	<b>Amount:</b>	<b>\$1,096,876.81</b>
<b>6</b>	<b>Projects to Delete</b>	<b>Amount:</b>	<b>-\$609,007.29</b>

**Approval –Division-wide Small Construction / Statewide Contingency, Public Access, Economic Development**

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

	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 1 Hertford	Funding to assist with design of new airport terminal at Tri-County Airport, serving Bertie, Hertford, and Northampton Counties WBS 45879	Small Construction <hr/> TOTAL	\$12,500.00 <hr/> \$12,500.00
Div 2 Craven	City of New Bern – Intersection improvements and signal modifications at Taberna Way and US-70 Other funding: \$10,000 (City) WBS 49025	Small Construction <hr/> TOTAL	\$100,000.00 <hr/> \$100,000.00
Div 3 Duplin	Install a right turn lane on eastbound NC-24 Bus (Kenansville Hwy) and a right turn lane on northbound SR 1900 (Lanefield Rd) Other funding: \$25,000 (Safety) WBS 46908	Contingency <hr/> TOTAL	\$105,000.00 <hr/> \$105,000.00
Div 4 Johnston	Install traffic signal at the intersection of SR 1555 (Barber Mill Rd) and SR 1010 (Cleveland Rd) WBS 80030	Small Construction <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00
Div 4 Nash	Provide exit signing with exit numbers at three interchanges (US-64Alt, NC-581, and SR 1306) along US-64 WBS 80029	Small Construction <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00
Div 6 Robeson	Surveying in advance of road improvements including turns lanes and a truck acceleration lane on NC-20 near St Pauls associated with upcoming industry expansion WBS 46913	Public Access <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00
Div 7 Guilford Rockingham Caswell	Feasibility Study to upgrade to interstate standards on US-29 from SR 2565 (Hicone Rd) interchange in Guilford County through Rockingham and Caswell counties to the Virginia State Line WBS 46909	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 9 Forsyth	City of Winston-Salem – Relocate existing traffic signal cabinets in downtown from metal poles to concrete bases WBS 45866	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 9 Forsyth	City of Winston-Salem – Drainage improvements on NC-150 (Peters Creek Parkway) at Academy WBS 45991	Small Construction <hr/> TOTAL	\$90,000.00 <hr/> \$90,000.00

Div 9 Rowan	Widen and strengthen SR 1242 (Chapel St) from new Kimball Rd extension to Bostian Rd	Contingency	\$57,000.00
		Small Construction	\$57,000.00
	WBS 45874	<b>TOTAL</b>	<b>\$114,000.00</b>

**Deletions:**

Div 11, Caldwell County – WBS 44594 was established (10/15) to bring Washboard Lane up to minimum state standards; ROW unavailable

**Correction:**

WBS 80028, included on the November 2016 Agenda for installation of a turn lane on SR 1641 approximately 0.5 mile from the intersection of SR 1641 and US-158 and an access road, approximately 1,700 ft., from SR 1641 to Halifax Community College, was listed as Wilson County but should have been Halifax County

<b>Summary:</b>	<b>Number of Projects</b>	<b>10</b>
	<b>Number of Divisions</b>	<b>7</b>
	<b>Small Construction Commitment</b>	<b>\$409,500.00</b>
	<b>Public Access Commitment</b>	<b>\$25,000.00</b>
	<b>Contingency Commitment</b>	<b>\$662,000.00</b>
	<b>Economic Development</b>	<b>\$0.00</b>
	<b>TOTAL</b>	<b>\$1,096,500.00</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>
Wilmington/ New Hanover Co. Div. 3 SS-4903CO	WBS 44933.3.1 SR 1272 (New Centre Drive) and Dapple Court. Initial construction funds are needed for installation of pedestrian signal and crosswalk. File 03-16-42119C	\$54,135.00
Onslow Co. Div. 3 SS-4903CP	WBS 44934.3.1 SR 1119 (High Hill Road). Initial construction funds are needed for pavement marking improvements. File 03-16-41398C	\$31,500.00
Swansboro/ Onslow Co. Div. 3 SS-4903CR	WBS 44970.3.1 NC 24 and SR 1509 (Queens Creek Road). Initial construction funds are needed for traffic signal revisions. File 03-16-42054C	\$13,050.00
Sampson Co. Div. 3 SS-4903CQ	WBS 44969.3.1 US 13 and US 421/NC 242. Initial construction funds are needed for traffic signal revisions. File 03-16-40410C	\$19,170.00
Halifax/ Cos.	Nash WBS 44956.3.1 NC 97 at SR 1001 (Old Bailey Highway) in Nash County.	\$26,100.00

Div. 4 SS-4904DZ	NC 4/48 at NC 4/561 in Halifax County. Initial construction funds are needed for flasher, pavement marking, and signing improvements. File 04-16-41820C	
Johnston/ Nash Cos. Div. 4 SS-4904DU	WBS 44957.3.1 NC 48 near SR 1536 (Boseman Road). SR 1173 (Honeycutt Street) near US 301. Initial construction funds are needed for curve safety improvements. File 04-15-38197C	\$84,600.00
Johnston Co. Div. 4 SS-4904DV	WBS 44935.2.1 NC 96 at SR 1178 (Keen Road). Initial right of way and utilities funds are needed for an all-way stop installation. File 04-16-40924R	\$4,500.00
Johnston Co. Div. 4 SS-4904DV	WBS 44935.3.1 NC 96 at SR 1178 (Keen Road). Initial construction funds are needed for an all-way stop installation. File 04-16-40924C	\$18,000.00
Johnston Co. Div. 4 SS-4904DY	WBS 44938.3.1 NC 42 at NC 50; NC 50 at SR 1524 (Old Drug Store Road); NC 42 at the US 70 Bypass Westbound ramps; NC 42 at the US 70 Bypass Eastbound ramps; and NC 42 at SR 1556 (Government Road). Initial construction funds are needed for traffic signal revisions. File 04-16-40326C	\$36,000.00
Wayne Co. Div. 4 SS-4904DW	WBS 44936.2.1 SR 1958 (Bennetts Bridge Road) near the Duplin County Line. Initial right of way and utilities funds are needed for superelevation improvements and guardrail installation. File 04-15-36806R	\$9,000.00
Wayne Co. Div. 4 SS-4904DW	WBS 44936.3.1 SR 1958 (Bennetts Bridge Road) near the Duplin County Line. Initial construction funds are needed for superelevation improvements and guardrail installation. File 04-15-36806C	\$180,000.00
Goldsboro/ Wayne Co. Div. 4 SS-4904DX	WBS 44937.3.1 NC 111 at NC 581; NC 111 at SR 1961 (Sheridan Forest Road); NC 111 at Southeast Drive; and NC 111 at SR 1727 (Dollard Town Road). Initial construction funds are needed for traffic signal revisions. File 04-15-38551C	\$69,300.00
Goldsboro/ Wayne Co. Div. 4 SS-4904DX	WBS 44937.2.1 NC 111 at NC 581; NC 111 at SR 1961 (Sheridan Forest Road); NC 111 at Southeast Drive; and NC 111 at SR 1727 (Dollard Town Road). Initial right of way and utilities funds are needed for traffic signal revisions. File 04-15-38551R	\$4,500.00

Durham/ Durham Co. Div. 5 SS-4905DW	WBS 44941.3.1 SR 1959 (Miami Boulevard) at SR 1954 (Ellis Road). Initial construction funds are needed for traffic signal revisions. File 05-16-2007C	\$13,500.00
Durham/ Durham Co. Div. 5 SS-4905DY	WBS 44943.3.1 SR 1118 (Fayetteville Road) at Cook Road/Hillside High School. Initial construction funds are needed for traffic signal revisions and pedestrian safety improvements. File 05-16-2102C	\$22,500.00
Raleigh/ Wake Co. Div. 5 SS-4905DS	WBS 44939.3.1 US 401 at SR 2108/SR 2036 (New Hope Road) and US 401 at Calvary Drive. Initial construction funds are needed for pedestrian safety improvements. File 05-16-2076C	\$54,000.00
Apex/ Wake Co. Div. 5 SS-4905DT	WBS 44931.3.1 SR 1163 (Kelly Road) at US 64 Eastbound. \$10,000.00 in construction funds have previously been approved for traffic signal and pavement marking revisions. Funds need to be decreased due to additional development in the area with likely changes to the intersection. The project will be deleted. File 05-15-8126-3	-\$10,000.00
Wake Co. Div. 5 SS-4905DV	WBS 44940.3.1 SR 1001 (Pearces Road) at SR 2309 (Dukes Lake Road). Initial construction funds are needed for an all-way stop installation. File 05-16-2005C	\$22,500.00
Garner/ Wake Co. Div. 5 SS-4905DX	WBS 44942.3.1 SR 2713 (Vandora Springs Road) at SR 2812 (Timber Drive). Initial construction funds are needed for traffic signal revisions. File 05-16-2074C	\$31,500.00
Cary/ Wake Co. Div. 5 SS-4905DZ	WBS 44944.2.1 SR 1625 (Green Level Church Road) at Dennison Lane/Jewel Creek Drive. Initial right of way and utilities funds are needed for pedestrian hybrid beacon installation. File 05-16-9410R	\$900.00
Cary/ Wake Co. Div. 5 SS-4905DZ	WBS 44944.3.1 SR 1625 (Green Level Church Road) at Dennison Lane/Jewel Creek Drive. Initial construction funds are needed for pedestrian hybrid beacon installation. File 05-16-9410C	\$80,100.00
Cary/ Wake Co. Div. 5 SS-4905EA	WBS 44945.3.1 NC 54 (NW Maynard Road) at SR 1653 (Evans Road). Initial construction funds are needed for traffic signal revisions. File 05-16-2091C	\$22,500.00
Wake Co. Div. 5	WBS 44946.3.1 I-495 Northbound at SR 2036/SR 2697 (New Hope Road) and	\$13,500.00

SS-4905EB	I-495 Southbound at SR 2516 (Hodge Road). Initial construction funds are needed for warning sign improvements. File 05-16-2210C	
Raleigh/ Wake Co. Div. 5 SS-4905EC	WBS 44947.3.1 SR 2298 (Edenton Street), SR 5809 (Morgan Street), US 70 (McDowell Street) and US 70/US 401 (Dawson Street). Initial construction funds are needed for installation of high visibility crosswalks at the signalized intersections along each corridor. File 05-16-2071C	\$68,400.00
Wake Co. Div. 5 SS-4905ED	WBS 44958.3.1 SR 1006 (Old Stage Road) at SR 1010 (Ten Ten Road). Initial construction funds are needed for turn lane construction. File 05-16-2004C	\$243,000.00
Wake Co. Div. 5 SS-4905ED	WBS 44958.2.1 SR 1006 (Old Stage Road) at SR 1010 (Ten Ten Road). Initial right of way and utilities funds are needed for turn lane construction. File 05-16-2004R	\$63,000.00
Spring Lake/ Cumberland Co. Div. 6 SS-4906CT	WBS 44948.3.1 NC 210 at Spring Lake Town Center. Initial construction funds are needed for installation of marked and signalized crosswalks. File 06-16-41606C	\$43,200.00
Spring Lake/ Cumberland Co. Div. 6 SS-4906CT	WBS 44948.2.1 NC 210 at Spring Lake Town Center. Initial right of way and utilities funds are needed for installation of marked and signalized crosswalks. File 06-16-41606R	\$4,500.00
Robeson Co. Div. 6 SS-4906CU	WBS 44949.2.1 SR 2207 (Popes Crossing Road) at SR 2215/SR 2289 (Alamac Road). Initial right of way and utilities funds are needed for intersection improvements. File 06-16-41742R	\$9,000.00
Robeson Co. Div. 6 SS-4906CU	WBS 44949.3.1 SR 2207 (Popes Crossing Road) at SR 2215/SR 2289 (Alamac Road). Initial construction funds are needed for intersection improvements. File 06-16-41742C	\$306,000.00
High Point/ Guilford Co. Div. 7 SS-4907BU	WBS 44950.2.1 SR 1552 (Tarrant Road) at SR 1541 (Wendover Ave). Initial right of way and utilities funds are needed for curve safety improvements. File 07-16-128R	\$900.00
High Point/ Guilford Co. Div. 7 SS-4907BU	WBS 44950.3.1 SR 1552 (Tarrant Road) at SR 1541 (Wendover Ave). Initial construction funds are needed for curve safety improvements. File 07-16-128C	\$242,100.00

Chatham Co. Div. 8 SS-4908AM	WBS 44195.3.1 NC 751 at SR 1733 (New Hope Church Road). \$270,000.00 in construction funds have previously been approved for turn lane construction. Additional funds are needed due to an increase in construction costs. File 08-14-8130-3	\$279,000.00
Chatham Co. Div. 8 SS-4908BE	WBS 44951.3.1 NC 902 at SR 1176 (Old US 421). Initial construction funds are needed for an all-way stop installation. File 08-16-2008C	\$13,500.00
Pittsboro/ Chatham Co. Div. 8 SS-4908BH	WBS 44954.3.1 US 15-501 at Lowes Drive/Powell Place Lane. Initial construction funds are needed for traffic signal revisions. File 08-16-2101C	\$9,000.00
Lee Co. Div. 8 SS-4908BF	WBS 44952.3.1 NC 42 at SR 1009 (Carbonton Road)/SR 1318 (Steel Bridge Road). Initial construction funds are needed for an all-way stop installation. File 08-16-2073C	\$22,500.00
Hoffman/ Richmond Co. Div. 8 SS-4908BG	WBS 44953.3.1 US 1 south of SR 1475 in Hoffman. Initial construction funds are needed for superelevation improvements. File 08-16-2100C	\$67,500.00
Winston-Salem/ Forsyth Co. Div. 9 SS-4909BT	WBS 44955.3.1 SR 4394 (Martin Luther King Jr. Drive) at I-40 Bus. Westbound ramps/First Street. SR 4394 (Martin Luther King Jr. Drive) at I-40 Bus. Eastbound ramps/Lowery Street. Initial construction funds are needed for traffic signal revisions. File 09-16-036C	\$18,000.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910CM	WBS 44959.3.1 SR 1009 (Monroe Road) and Covedale Road. Initial construction funds are needed for traffic signal installation. File 10-16-230C	\$56,700.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910CO	WBS 44961.3.1 US 21 (Statesville Road) and NC 24 (WT Harris Boulevard). Initial construction funds are needed for widening and turn lane construction. File 10-16-240C	\$112,500.00
Mecklenburg Co. Div. 10 SS-4910CP	WBS 44962.2.1 SR 2805 (Harrisburg Road) and SR 2808 (Camp Stewart Road) near Charlotte. Initial right of way and utilities funds are needed for traffic signal installation. File 10-16-218R	\$40,500.00
Mecklenburg Co. Div. 10 SS-4910CP	WBS 44962.3.1	\$7,200.00

SR 2805 (Harrisburg Road) and SR 2808 (Camp Stewart Road) near Charlotte. Initial construction funds are needed for traffic signal installation.  
File 10-16-218C

<p>Union Co. Div. 10 SS-4910CN</p>	<p>WBS 44960.3.1 SR 1001 (Love Mill Road) south of the Stanly County line. Initial construction funds are needed for guardrail installation. File 10-16-239C</p>	<p>\$22,500.00</p>
<p>Granite Falls/ Caldwell Co. Div. 11 SS-4911AL</p>	<p>WBS 44764.3.1 US 321 and SR 1109 (Pinewood Road). \$135,000.00 in construction funds have previously been approved for turn lanes and pedestrian crosswalk installation. Additional funds are needed due to an increase in construction costs. File 11-16-200-1</p>	<p>\$165,000.00</p>
<p>Asheville/ Buncombe Co. Div. 13 SS-4913CK</p>	<p>WBS 44963.2.1 US 19-23 (Patton Avenue) at Florida Avenue. Initial right of way and utilities funds are needed for traffic signal revisions and pedestrian safety improvements. File 13-16-222R</p>	<p>\$5,400.00</p>
<p>Asheville/ Buncombe Co. Div. 13 SS-4913CK</p>	<p>WBS 44963.3.1 US 19-23 (Patton Avenue) at Florida Avenue. Initial construction funds are needed for traffic signal revisions and pedestrian safety improvements. File 13-16-222C</p>	<p>\$67,500.00</p>
<p>Buncombe Co. Div. 13 SS-4913CL</p>	<p>WBS 44964.3.1 SR 1004 (Newfound Road) from NC 63 to SR 1297 near Leicester. Initial construction funds are needed for shoulder improvements and installation of rumblestrips with long-life pavement markings. File 13-16-223C</p>	<p>\$337,500.00</p>
<p>Buncombe Co. Div. 13 SS-4913CL</p>	<p>WBS 44964.2.1 SR 1004 (Newfound Road) from NC 63 to SR 1297 near Leicester. Initial right of way and utilities funds are needed for shoulder improvements and installation of rumblestrips with long-life pavement markings. File 13-16-223R</p>	<p>\$900.00</p>
<p>Henderson Co. Div. 14 SS-4914CT</p>	<p>WBS 44965.2.1 SR 1006 (Howard Gap Road) at SR 1625 (Whispering Hills Drive) near Hendersonville. Initial right of way and utilities funds are needed for actuated flasher installation. File 14-16-211R</p>	<p>\$4,500.00</p>
<p>Henderson Co. Div. 14 SS-4914CT</p>	<p>WBS 44965.3.1 SR 1006 (Howard Gap Road) at SR 1625 (Whispering Hills Drive) near Hendersonville. Initial construction funds are needed for actuated flasher installation. File 14-16-211C</p>	<p>\$36,000.00</p>



<b>Division 4</b>				
Johnston	51222		<b>The Gardens at Flowers Plantation Subdivision</b>	5/16/16
		0.05	Greenbriar Court	
Nash	51223		<b>Field Stream Subdivision</b>	9/21/16
		0.05	Fleming Court	
<b>Division 5</b>				
Wake	51224		<b>Branston Subdivision</b>	10/14/16
		0.49	Branston Way	
		0.19	Bleasdale Court	
		0.05	<b>Callowhill Court</b>	
<b>Division 7</b>				
Alamance	51225		<b>Timberlake Subdivision</b>	9/6/16
		0.10	Ervin Newlin Drive	
		0.11	Peggy's Way	
		0.12	Fall Leaves Court	
		0.21	South Spring Flowers Drive	
		0.09	North Spring Flowers Drive	
Guilford	51226		<b>Stonebrook Farm Subdivision</b>	9/30/16
		0.07	Manorwood Road, SR 3644 Ext.	
Rockingham	51227		<b>Sitting Rock Farms Subdivision</b>	8/8/16
		0.20	<b>Lord Godolphin's Place</b>	
<b>Division 8</b>				
Chatham	51228		<b>Briar Chapel Subdivision</b>	9/29/16
		0.37	Bennet Mountain Trace	
		0.06	Saxaphaw Run	
		0.14	Dark Forest Drive	
		0.44	Tobacco Farm Way	
		0.08	Greenleaf Drive	
		0.10	Tarwick Avenue	
		0.25	Cliffdale Road	
		0.63	Wildwind Drive	
		0.14	Treywood Lane	
		0.15	Sagebrush Road	
		0.18	Heatherwood Drive	
		0.13	Copper Lantern Drive	
Hoke	51229		<b>Mitchell's Landing Subdivision</b>	7/27/16
		0.11	Maria Drive, SR 1777 Ext.	
		0.05	Mitzie Court	
		0.17	Gertie Court	
<b>Division 9</b>				
Davidson	51230		<b>Mallard Landing Subdivision</b>	9/27/16
		0.41	Mallard Landing Blvd, SR 3407 Ext.	
		0.15	Plantation Village Drive	
		0.06	<b>Sweetwater Court</b>	
Forsyth	51231		<b>Trotters Ridge Subdivision</b>	11/3/16
		0.29	Trotters Ridge Lane	

<b>Division 10</b>		0.11	Sun Meadows Drive, SR 4258 Ext.	
Mecklenburg	51232	0.41	Potts Street	10/13/16
		0.27	Sloan Street	
		0.92	Beatty Street	
<b>Division 11</b>				
Surry	51233		<b>Hickory Creek Subdivision</b>	10/12/16
		0.19	Hickory Hill Road	
Iredell	51234		<b>Autumn Grove Subdivision</b>	9/21/16
		0.23	Early Frost Lane	
		0.10	Autumn Grove Lane	
Iredell	51235		<b>Davidson Downs Subdivision</b>	3/21/16
		0.03	Devonshire Court	
Iredell	51236		<b>Tuskarora Point Subdivision</b>	10/5/16
		0.19	Tuskarora Point Lane	
<b>Deletions:</b>				
<b>Division 4</b>				
Nash	51237	0.05	Portion of SR 1749 <b>Daughtridge Road</b>	8/15/16
<b>Division 5</b>				
Wake	51238	0.33	Portion of SR 1397 Herbert Adkins Road	10/27/16
Wake	51239	0.16	Portion of SR 1762 Wilson Road	10/20/16
Wake	51240	0.07	Portion of SR 1763 Wilson Road	10/21/16
<b>Division 6</b>				
Robeson	51241	0.18	Portion of SR 2413 Page Street	9/30/16
<b>Division 10</b>				
	51242	1.03	SR 2385 Stratton Farms Road	9/30/16

**Corrections:**

**Division 5 – Wake County** – Petition 51188, Scarlette Bell Drive was added on August 2016 BOT Agenda. It should have been listed as Scarlet Bell Drive

**Division 13 – Buncombe County** – Petition 51197, Bee Tree Way was added on August 2016 BOT Agenda. It should have been listed as Bee Line Drive.

**Summary:**     **Number of Roads Petitioned for Addition – 44**  
                  **Number of Roads Petitioned for Abandonment – 6**

## Approval – Public Transportation

A motion was made by Board Member Perkins, seconded by Board Member McQueary, to approve the following:

Board Member Brown noted a conflict of interest on projecF16257 and F14273 in Buncombe County.

### 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)	FY23 (000)
TG-6179	City of Salisbury	AVL System	FBUS	5339	224							
			Local	L	56							
TD-5279	City of Greensboro	Renovation of ticketing, call center, and waiting areas of the J. Douglas Galyon Bus Depot	FBUS	5339		960						
			Local	L		240						

### 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)	FY23 (000)
TO-5149	Iredell County	Operating Assistance for the Iredell County Area Transportation System (ICATS)	FUZ	5307	200	210	210	210	210			
			Local	L	200	210	210	210	210			
TO-5135	City of Salisbury	Operating	FUZ	5307	285	285	285	285	285	285	285	285
			State	SMAP	215	215	215	215	215	215	215	215
			Local	L	160	160	160	160	160	160	160	160
TG-5260	City of Salisbury	Routine Capital – ADA Services	FUZ	5307	63	63	63	63	63	63	63	63
			Local	L	16	16	16	16	16	16	16	16
TG-5232	City of Salisbury	Preventive Maintenance – Bus Facilities	FUZ	5307	334	334	334	334	334	334	334	334
			Local	L	83	83	83	83	83	83	83	83
TG-5233	City of Salisbury	Bus Stop Shelters, Benches, Shop Equipment, Spare Parts, Engines, Farebox, Service Vehicles, etc.	FUZ	5307	224	224	224	224	224	224	224	224
			Local	L	56	56	56	56	56	56	56	56
TS-5133	City of Salisbury	Safety & Security Min. 1% set aside	FUZ	5307	7	7	7	7	7	7	7	7
			Local	L								7
TP-5150	City of Salisbury	Planning Assistance - 5303	FMPL	5303	30	30	30	30	30	30	30	30
			State	S	4	4	4	4	4	4	4	4
			Local	L	4	4	4	4	4	4	4	4
TA-5181	City of Salisbury	Replacement Buses	FUZ	5307	1464	1464	1464	1464				
			State	S	183	183	183	183				
			Local	L	183	183	183	183				

TO-5139	City of Salisbury	Operating – Free Fare	FUZ	CMAQ	34	34	34	34	34	34	34	34
			Local	L	8	8	8	8	8	8	8	8
TA-5182	City of Salisbury	Expansion Vehicle	FBUS	5339	44	44						
			Local	L	11	11						

Item I-1A, 12 Projects, Total Federal/State funds \$18,468,000

**Approval – Rail Program**

A motion was made by Board Member Perkins, seconded by Board Member McQueary, to approve the following:

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Division 1 Camden County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) Funds from Rail Resources of North Carolina (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Chesapeake & Albemarle Railroad (CA). The crossing to be improved is 465 371V (NC 343). CA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$44,000. FRRCSI ID: F16249	\$44,000
Division 1 Perquimans County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Chesapeake & Albemarle Railroad (CA). The crossing to be improved is 465 303U (NC 37 Main Street-Winfall). CA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$36,000. FRRCSI ID: F14259	\$36,000
Division 1 Perquimans County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Chesapeake & Albemarle Railroad (CA). The crossing to be improved is 465 298A (SR 1101 E. Bear Swamp Drive). CA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$25,000. FRRCSI ID: F14260	\$25,000
Division 1 Washington County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro	\$32,000

Division 2 Greene County	<p>(due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 466 192H (SR 1106 Morrattock Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$32,000.</p> <p>FRRCSI ID: F14261</p>	\$24,000
Division 2 Greene County	<p>The Rail Division requests Board reallocation of a portion of Freight Rail &amp; Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Agrium (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 547D (SR 1301 Friendship Church Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000.</p> <p>FRRCSI ID: F14262</p>	\$24,000
Division 2 Greene County	<p>The Rail Division requests Board reallocation of a portion of Freight Rail &amp; Rail Crossing Safety Improvement (FRRCSI) funds from Project Blue Jay (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 548K (SR 1318 Lewis Store Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000.</p> <p>FRRCSI ID: F16250</p>	\$36,000
Division 2 Greene County	<p>The Rail Division requests Board reallocation of a portion of Freight Rail &amp; Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 564U (NC 91 Wilson Street). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$36,000.</p> <p>FRRCSI ID: F14263</p>	\$36,000
Division 2 Pitt County	<p>The Rail Division requests Board reallocation of a portion of Freight Rail &amp; Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 540F (US 258 Main Street). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$36,000.</p> <p>FRRCSI ID: F14264</p>	\$24,000

industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved 465 527S (SR 1217 Askew Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000.

FRRCSI ID: F14265

Division 2  
Pitt County

\$160,000

The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Blue Jay and Project Apex (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 495N (SR 1702 Evans Street). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$160,000.

FRRCSI ID: F16251 & F17210

Division 2  
Pitt County

\$24,000

The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne - Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 523P (SR 1208 Kinsaul Willoughby Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000.

FRRCSI ID: F14266

Division 2  
Pitt County

\$30,000

The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne - Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 525D (SR 1206 Bellarthur Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$30,000.

FRRCSI ID: F14267

Division 2  
Pitt County

\$54,000

The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 488D (SR 1704 14th Street). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$54,000.

FRRCSI ID: F14268

Division 2  
Pitt County

\$24,000

The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Apex

(due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 530A (SR 1218 Chinquapin Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide the asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000.

FRRCSI ID: F16252

Division 4  
Nash County

\$24,000

The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 626 221J (SR 1603 Old Carriage Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000.

FRRCSI ID: F14269

Division 4  
Wilson County

\$42,000

The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne - Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 578C (SR 1683 Saratoga Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$42,000.

FRRCSI ID: F14270

Division 6  
Robeson County

\$30,000

The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Apex (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Red Springs & Northern Railroad (RSNR). The crossing to be improved is 629 901P (SR 1712 Third Street). RSNR will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$30,000.

FRRCSI ID: F16253

Division 8  
Montgomery  
County

\$25,000

The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Rail Resources of North Carolina (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Aberdeen Carolina & Western Railway (ACWR). The crossing to be improved is 728 909S (SR 1129 McKinnon Road). ACWR will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$25,000.

FRRCSI ID: F16254

Division 9  
Forsyth County

\$25,000

The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Apex (due to lack of industry commitment) to the improvement of an at-grade

railroad crossing by installing a rail seal surface to replace the existing surface on the Yadkin Valley Railroad (YVRR). The crossing to be improved is 721 783N (SR 3936 Hollyberry Lane). YVRR will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$25,000.  
FRRCSI ID: F16255

Division 12 Alexander County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Rail Resources of North Carolina (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Alexander Railroad (ARC). The crossing to be improved is 864 363E (SR 1422 White Plains Road). ARC will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$32,000. FRRCSI ID: F16256	\$32,000
Division 13 Buncombe County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Rail Resources of North Carolina (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Craggy Mountain Railroad (CMR). The crossing to be improved is 720 460P (SR 1695 Woodfin Avenue). CMR will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$38,000. FRRCSI ID: F16257	\$38,000
Division 13 Buncombe County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro and Norfolk Southern Transmontaigne - Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Craggy Mountain Railroad (CMR). The crossing to be improved is 720 457G (NC 251 River Side Drive). CMR will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$48,000. FRRCSI ID: F14273	\$48,000
Division 14 Haywood County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Rail Resources of North Carolina and Project Blue Jay (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 349K (NC 215 Blackwell Drive). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$85,000. FRRCSI ID: F16258	\$85,000
Division 14 Henderson County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk	\$80,000

Southern Luckey Logistics and Norfolk Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 925 352M (SR 1508 Berkeley Road). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$80,000.  
FRRCSI ID: F14274

Division 14 Henderson County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Apex and Norfolk Southern Agrium (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 729 536Y (SR 1528 Brookside Camp Road). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$58,000. FRRCSI ID: F14275 & F16259	\$58,000
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Division 14 Henderson County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 646D (SR 1537 Old Brickyard Road). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$30,000. FRRCSI ID: F14276	\$30,000
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Division 14 Jackson County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Apex (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 251G (SR 1432 Skyland Drive). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$115,000. FRRCSI ID: F16260	\$115,000
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Division 14 Jackson County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Great Smoky Mountains Railroad (GSM). The crossing to be improved is 720 229U (SR 1392 Barkers Creek Road). GSM will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$40,000. FRRCSI ID: F14277	\$40,000
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Division 14 Jackson County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk	\$24,000
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Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 273G (SR 1705 Dark Ridge Drive). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000.  
 FRRCSI ID: F14278

Division 14 Jackson County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Great Smoky Mountains Railroad (GSM). The crossing to be improved is 720 228M (SR 1534 Wilmont Road). GSM will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$35,000. FRRCSI ID: F14279	\$35,000
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Division 14 Jackson County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 259L (SR 1527 Steeple Road). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$24,000. FRRCSI ID: F14280	\$24,000
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Division 14 Jackson County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Rail Resources of North Carolina (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 266W (SR 1456 Mineral Springs Road). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$48,000. FRRCSI ID: F16261	\$48,000
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Division 14 Swain County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Great Smoky Mountains Railroad (GSM). The crossing to be improved is 720 164D (SR 1180 NOC Way). GSM will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$50,000. FRRCSI ID: F14281	\$50,000
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**PROJ.  
CATEGORY**

<p>Pitt Co. Div. 2 R-2250 REGIONAL</p>	<p>WBS 34411.2.9 NC 11-903 (Greenville Southwest Bypass) from NC 11 to US 264 (Greenville Bypass). Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.</p>	<p>\$100,000.00</p>
<p>New Hanover/ Pender Cos. Div. 3 R-3300 REGIONAL</p>	<p>WBS 40237.2.3 US 17 Hampstead Bypass from US 17 to US 17 north of Hampstead. Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.</p>	<p>\$500,000.00</p>
<p>Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE</p>	<p>WBS 40191.2.3 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.</p>	<p>\$50,000.00</p>
<p>Statewide Div. 3 M-0488H STATEWIDE</p>	<p>WBS 46404.1.8 Military Cutoff - Map Act Lawsuit. \$50,000.00 has previously been approved for preliminary engineering. Additional funds are requested.</p>	<p>\$200,000.00</p>
<p>Wake Co. Div. 5 R-2721 STATEWIDE</p>	<p>WBS 37673.2.3 Southern Wake Freeway from NC 55 South to US 401 South. Initial funds are requested for Map Act Appraisal and to allow for future acquisition of specific parcels.</p>	<p>\$300,000.00</p>
<p>Wake Co. Div. 5 R-2828 STATEWIDE</p>	<p>WBS 35516.2.3 Southern Wake Freeway from US 401 to I-40. Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.</p>	<p>\$150,000.00</p>
<p>Cumberland/ Robeson Cos. Div. 6 U-2519 REGIONAL</p>	<p>WBS 34817.2.26 The Fayetteville Outer Loop from I-95 in Robeson County to east of NC 24 (Bragg Boulevard) in Cumberland County. Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.</p>	<p>\$750,000.00</p>
<p>Fayetteville/ Cumberland Co. Div. 6 U-2519CA STATEWIDE</p>	<p>WBS 34817.2.25 Fayetteville Outer Loop from south of US 401 to south of SR 1400 (Cliffdale Road). Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.</p>	<p>\$100,000.00</p>
<p>Pembroke/ Robeson Co. Div. 6 P-4900 STATEWIDE</p>	<p>WBS 41099.2.S1 Railroad Bypass of Pembroke to allow North to South shipments to turn East. \$1,800,000.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed</p>	<p>\$600,000.00</p>

the previously authorized budget. **This is a Strategic Transportation Investments Transition project.**

<p>Guilford/ Rockingham Cos. Div. 7 R-2413 REGIONAL</p>	<p>WBS 34429.2.6 Future I-73 from NC 68 at SR 2011 (Edgefield Road) in Guilford County to US 220-NC 68 intersection in Rockingham County. Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.</p>	<p>\$50,000.00</p>
<p>Guilford Co. Div. 7 U-2524D STATEWIDE</p>	<p>WBS 34820.2.20 Greensboro Western Loop from US 220 (Battleground Avenue) to SR 2303 (Lawndale Drive). Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.</p>	<p>\$50,000.00</p>
<p>Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE</p>	<p>WBS 34821.2.5 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.</p>	<p>\$150,000.00</p>
<p>Lee Co. Div. 8 AV-5762 DIVISION</p>	<p>WBS 46356.3.1 Raleigh Executive Sanford - Lee County Airport (TTA). Construct apron expansion and widen taxiway from 35 to 60 feet. Initial funds are requested for construction. (\$1,500,000.00 of this funding is <b>Economic Development Funding</b>).</p>	<p>\$3,466,000.00</p>
<p>Cabarrus Co. Div. 10 U-5806 DIVISION</p>	<p>WBS 44378.2.1 Intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 - Kings Grant Pavilion. Initial funds are requested for full right of way.</p>	<p>\$100,000.00</p>
<p>Mecklenburg Co. Div. 10 R-2248G STATEWIDE</p>	<p>WBS 34410.3.32 I-485 Charlotte Outer Loop Interchange with SR 2042 (Oakdale Road). \$2,709,604.00 has previously been approved for construction. Additional funds are needed to reflect the low bid received on the project. <b>This is a Strategic Transportation Investments Transition project.</b></p>	<p>\$2,800,000.00</p>
<p>Mecklenburg Co. Div. 10 U-2509A STATEWIDE</p>	<p>WBS 38965.2.2 US 74 (Independence Boulevard) from Conference Drive to Sardis Road North. Initial funds are requested for appraisal of Specific Parcel 900.</p>	<p>\$25,000.00</p>
<p>Mecklenburg Co. Div. 10 U-5762 REGIONAL</p>	<p>WBS 50175.2.1 NC 160 (Steele Creek Road) at intersection of NC 160 (Steele Creek Road) and SR 1106 (Hamilton Road). Initial funds are requested for full right of way.</p>	<p>\$100,000.00</p>
<p>Wilkes Co. Div. 11 R-5759 DIVISION</p>	<p>WBS 44691.1.1 NC 115 from US 421 to 2nd Street. Initial funds are requested for preliminary engineering.</p>	<p>\$1,000,000.00</p>

Macon Co. Div. 14 R-5734 DIVISION	WBS 50192.1.1 US 23 / US 441 from US 64 to SR 1652 (Wide Horizon Drive/ SR 1152 (Belden Circle). \$360,811.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$250,000.00
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STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	10 PROJECTS	\$4,425,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	5 PROJECTS	\$1,500,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	4 PROJECTS	\$4,816,000.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>19 PROJECTS</b>	<b>\$10,741,000.00</b>

**Approval - State Highway Trust Funds - Intrastate System**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne Co. Div. 4 R-2554A STATEWIDE	WBS 34461.3.4 US 70 (Goldsboro Bypass) from west of NC 581 to SR 1300 (Salem Church Rd.), 5.894 miles. \$68,959,161.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This is a Strategic Transportation Investments Transition project.</b>	\$300,000.00
Rutherfordton/ Rutherford Co. Div. 13 R-2233BB SW/DIV	WBS 34400.2.5 US 221 south of US 74 Business to north of SR 1366 (Roper Loop Road). \$175,168.00 has previously been approved for appraisal of specific parcels. Funds are requested for appraisal of Specific Parcel 900 using Division Tier funding.	\$25,000.00
<b>TRUST FUND INTRASTATE SUMMARY</b>	<b>2 PROJECTS</b>	<b>\$325,000.00</b>

**Approval - State Highway Trust Funds - Urban Loops**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston-Salem/ Forsyth Co. Div. 9 U-2579AB	WBS 34839.2.4 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$29,105,306.00 has previously been approved for	\$50,000.00

REGIONAL	appraisal and advanced acquisition of specific parcels. Funds are requested for appraisal of Specific Parcel 904 and Specific Parcel 905.	
<b>TRUST FUND URBAN LOOP</b>	<b>1 PROJECT</b>	<b>\$50,000.00</b>
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>19 PROJECTS</b>	<b>\$10,741,000.00</b>
<b>TRUST FUND INTRASTATE SUMMARY</b>	<b>2 PROJECTS</b>	<b>\$325,000.00</b>
<b>TRUST FUND URBAN LOOP</b>	<b>1 PROJECT</b>	<b>\$50,000.00</b>
<b>SUMMARY OF FUNDS</b>	<b>22 PROJECTS</b>	<b>\$11,116,000.00</b>

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

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

A motion was made by Board Member Perkins, seconded by Board Member McQueary, to approve the following:

#### Division 1 Safety

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide	46878.1.1, HSIP-000S(871)	\$20,000.00 Cost
W-5700A	Division 1 - Signal Timing. Funds are needed for	\$18,000.00 Fed.
DIVISION	preliminary engineering.	\$2,000.00 State

#### Rail Program

Northampton Co.	43600.3.71, RR-1301(011)	\$200,000.00 Cost
Z-5400AG	Railway-Highway Grade Crossing Safety Project. SR 1301	\$160,000.00 Fed.
DIVISION	(Cornwallis Road) at CSX Transportation Tracks; Crossing #630 115H near Garysburg. Funds are needed for construction of crossing flashers and gates.	\$40,000.00 State
Washington Co.	43600.1.96, RR-1101(015)	\$45,000.00 Cost
Z-5400AL	Railway-Highway Grade Crossing Safety Project at SR	\$40,500.00 Fed.
DIVISION	1101 (Hollis Road) at Carolina Coastal Railway Tracks; Crossing #466 188T. Funds are needed for preliminary engineering.	\$4,500.00 State

#### Rural

Statewide	44911.3.2, TAP-0110(006)	\$145,000.00 Cost
R-5781A	ADA (Americans with Disabilities Act) Curb Ramps at	\$116,000.00 Fed.
DIVISION	various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$29,000.00 State
Statewide	44911.3.3, TAP-0110(007)	\$40,000.00 Cost
R-5781B	ADA (Americans with Disabilities Act) Curb Ramps at	\$32,000.00 Fed.
DIVISION	various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$8,000.00 State
Statewide	44911.3.7, TAP-0110(011)	\$159,000.00 Cost

R-5781B DIVISION	ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$127,200.00 Fed. \$31,800.00 State
Statewide R-5781C DIVISION	44911.3.4, TAP-0110(008) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$108,000.00 Cost \$86,400.00 Fed. \$21,600.00 State
Statewide R-5781C DIVISION	44911.3.5, TAP-0110(009) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$42,000.00 Cost \$33,600.00 Fed. \$8,400.00 State
Statewide R-5781D DIVISION	44911.3.6, TAP-0110(010) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$111,000.00 Cost \$88,800.00 Fed. \$22,200.00 State

### Division 2 Safety

Pitt Co. W-5601CY REGIONAL	50138.2.104, HSIP-0264(060) US 264 Alternate (Greenville Boulevard) at SR 1135 (Williams Road) / Koinonia Church Western Driveway in Greenville. Funds are needed for full right of way.	\$38,000.00 Cost \$34,200.00 Fed. \$3,800.00 State
Pitt Co. W-5601HU REGIONAL	50138.3.230, HSIP-0013(051) US 13 (Memorial Drive) at Moye Boulevard. Funds are needed for construction of safety improvements.	\$52,300.00 Cost \$47,070.00 Fed. \$5,230.00 State
Statewide W-5700B DIVISION	46878.1.2, HSIP-000S(872) Division 2 - Signal Timing. Funds are needed for preliminary engineering.	\$135,000.00 Cost \$121,500.00 Fed. \$13,500.00 State

### Rail Program

Craven Co. Z-5400BK DIVISION	43600.3.92, STPRR-0229(018) Rail-Highway Grade Crossing Safety Project. Guion Street at the Norfolk Southern Railway Crossing #722 705K in New Bern. Funds are needed for construction of flashers and gates.	\$410,000.00 Cost \$369,000.00 Fed. \$41,000.00 Local
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### Rural

Statewide R-5782A DIVISION	44912.3.2, TAP-0220(080) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$116,150.00 Cost \$92,920.00 Fed. \$23,230.00 State
Statewide	44912.3.3, TAP-0220(081)	\$126,887.00 Cost

R-5782B DIVISION	ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population <5000. Funds are needed for construction to upgrade or install ADA Ramps.	\$101,510.00 Fed. \$25,377.00 State
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Statewide R-5782C DIVISION	44912.3.4, TAP-0220(082) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$172,525.00 Cost \$138,020.00 Fed. \$34,505.00 State
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**Division 3  
Enhancement**

Brunswick Co. ER-5600JB DIVISION	46305.3.28, STP-0087(037) Town of Boiling Springs on NC 87 - Annual Plantings. Funds are needed for construction of plant beds.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 State
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**Urban**

New Hanover Co. U-5534P DIVISION	44096.1.17, STPDA-0332(060) Multi-use path at Westgate Drive South, over Jacky's Creek into Ricegate Drive in Brunswick County. Funds are needed for preliminary engineering.	\$120,214.00 Cost \$96,172.00 Fed. \$24,042.00 Local
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**Bridge**

Sampson Co. B-4637 DIVISION	33808.2.1, BRZ-1409(012) Replace Bridges #325 and #326 over Little Coharie Creek Overflow and Bridge #327 over Little Coharie Creek on SR 1409. Funds are needed for full right of way and utilities.	\$220,000.00 Cost \$176,000.00 Fed. \$44,000.00 State
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Sampson Co. B-4814 DIVISION	38584.3.1, BRZ-1233(006) Replace Bridges #102, #103 and #104 over Little Coharie Creek on SR 1233. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on October 12, 2016.	\$1,500,000.00 Cost \$1,200,000.00 Fed. \$300,000.00 State
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**Safety**

Statewide W-5700C DIVISION	46878.1.3, HSIP-000S(873) Division 3 - Signal Timing. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
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**Rural**

Statewide R-5783A DIVISION	44913.3.2, TAP-0332(131) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$248,159.00 Cost \$198,527.00 Fed. \$48,586.00 State \$1,046.00 Local
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Statewide	44913.3.3, TAP-0332(132)	\$353,852.00	Cost
R-5783B	ADA (Americans with Disabilities Act) Curb Ramps at	\$283,081.00	Fed.
DIVISION	various locations with a population of >5000. Funds are	\$66,585.00	State
	needed for construction to install or upgrade ADA Ramps.	\$4,186.00	Local

**Division 4  
Safety**

Halifax Co.	50138.3.221, HSIP-0043(026)	\$50,000.00	Cost
W-5601HL	NC 43 at NC 561, SR 1329 (Evans Road) and SR 1333	\$45,000.00	Fed.
REGIONAL	(Lynch Road). Construction funds are needed for safety	\$5,000.00	State
	improvements.		

Johnston Co.	50138.2.121, HSIP-1003(148)	\$75,000.00	Cost
W-5601DP	SR 1003 (Buffalo Road) between SR 1702 (Archer Lodge	\$67,500.00	Fed.
DIVISION	Road) and the Wake County Line. Funds are needed for full	\$7,500.00	State
	right of way.		

Statewide	46878.1.4, HSIP-000S(874)	\$95,000.00	Cost
W-5700D	Division 4 - Signal Timing. Funds are needed for	\$85,500.00	Fed.
DIVISION	preliminary engineering.	\$9,500.00	State

Wayne Co.	50138.3.222, HSIP-0055(060)	\$55,000.00	Cost
W-5601HM	NC 55 at SR 1948 (Camp Jubilee Road). Construction	\$49,500.00	Fed.
REGIONAL	funds are needed for safety improvements.	\$5,500.00	State

**Rural**

Statewide	44914.3.2, TAP-0411(016)	\$29,700.00	Cost
R-5784A	ADA (Americans with Disabilities Act) Curb Ramps at	\$23,760.00	Fed.
DIVISION	various locations with a population of <5000. Funds are	\$5,940.00	State
	needed for construction to install or upgrade ADA Ramps.		

Statewide	44914.3.3, TAP-0430(008)	\$394,200.00	Cost
R-5784B	ADA (Americans with Disabilities Act) Curb Ramps at	\$315,360.00	Fed.
DIVISION	various locations with a population of >5000. Funds are	\$78,840.00	State
	needed for construction to install or upgrade ADA Ramps.		

**Division 5  
Congestion Mitigation**

Granville Co.	46232.2.F1, CMS-0504(003)	\$20,000.00	Cost
C-5166A	NC 56 Greenway in Creedmoor- (Combined with EB-5513	\$16,000.00	Fed.
EXEMPT	and C-5166B) Bike-Pedestrian Trail System. Funds are	\$4,000.00	Local
	needed for full right of way.		

Granville Co.	50106.3.1, CMS-0519(002)	\$250,000.00	Cost
C-5569	Construct sidewalk and crosswalk enhancements at various	\$200,000.00	Fed.
EXEMPT	locations. Funds are needed for construction of sidewalks.	\$50,000.00	Local

## Urban

Wake Co. U-5118AE REGIONAL	42379.3.30, STPDA-0501(035) NC 55 and Olive Chapel Road at Apex Peakway Intersections. Funds are needed for construction of additional turn lanes.	\$516,000.00 Cost \$412,800.00 Fed. \$103,200.00 Local
Fuquay Varina/ Wake Co. U-5317 DIVISION	45430.2.1, STPDA-0507(003) North Judd Parkway Northwest from NC 55 (North Broad Street) to NC 42 (West Academy Street) in Fuquay-Varina. Funds are needed for full right of way.	\$5,900,000.00 Cost \$2,950,000.00 Fed. \$2,950,000.00 Local
Holly Springs/ Wake Co. U-5529 DIVISION	44107.2.1, STPDA-0510(008) SR 1115 (Avent Ferry Road) west of SR 1101 (Piney Grove-Wilbon Road) to Village Walk Drive in Holly Springs. Funds are needed for full right of way and utilities.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 Local
Wake Co. U-5537 DIVISION	44112.2.1, STPDA-0501(034) SR 1521 (Lake Pine Drive), widen to 3 lanes north of MacGregor Pines Road to north of Versailles Drive, including 10 foot multi-use path east side and 5 foot sidewalk west side. Funds are needed for full right of way.	\$130,638.00 Cost \$91,447.00 Fed. \$39,191.00 Local

## Safety

Divisionwide W-5700E DIVISION	46878.1.5, HSIP-000S(875) Division 5 - Signal Timing. Funds are needed for preliminary engineering.	\$160,000.00 Cost \$144,000.00 Fed. \$16,000.00 State
Wake Co. SS-4905DT STATEWIDE	44931.1.1, HSIP-1163(012) SR 1163 (Kelly Road) at US 64 Eastbound. \$2,500.00 has previously been approved for preliminary engineering. Federal Funds will be removed from WBS 44931.1.1 and closed. This project is being deleted.	-\$2,500.00 Cost -\$2,250.00 Fed. -\$250.00 State
Wake Co. W-5601BC REGIONAL	50138.3.56, HSIP-0042(062) NC 42 at SR 2736 (Rock Service Station Road). \$375,000.00 has previously been approved for construction. Additional funds are requested to match the agreement.	\$250,000.00 Cost \$125,000.00 Fed. \$125,000.00 State
Wake Co. W-5601EJ REGIONAL	50138.2.140, HSIP-001A(003) US 1A (South Main Street) between Star Road and Wake Pointe Shopping Center. Funds are needed for full right of way.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State

## Rural

Statewide R-5785A DIVISION	44915.3.2, TAP-0505(078) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$135,000.00 Cost \$108,000.00 Fed. \$27,000.00 State
Statewide R-5785B DIVISION	44915.3.3, TAP-0505(079) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State

### Division 6 Safety

Cumberland Co. W-5601EP STATEWIDE	50138.3.147, HSIP-0024(076) NC 24 from SR 2022 (Carol Street) to the west intersection with Circle Street. Construction funds are needed for safety improvements.	\$320,000.00 Cost \$288,000.00 Fed. \$32,000.00 State
Statewide W-5700F DIVISION	46878.1.6, HSIP-000S(876) Division 6 - Signal Timing. Funds are needed for preliminary engineering.	\$210,000.00 Cost \$189,000.00 Fed. \$21,000.00 State

### Rail Program

Robeson Co. Z-5400FP DIVISION	43600.1.95, RR-000S(870) Railway-Highway Grade Crossing Safety Project at multiple crossings along CSX Corridor at Malloy Street at Crossing #630 952W, First Street at Crossing # 630 976K in Maxton and NC 72 (Roberts Avenue) at Crossing #623 950R in Lumberton. Funds are needed for preliminary engineering.	\$180,000.00 Cost \$162,000.00 Fed. \$18,000.00 State
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### Rural

Statewide R-5786A DIVISION	44916.3.2, TAP-0620(035) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$298,750.00 Cost \$239,000.00 Fed. \$59,750.00 State
Statewide R-5786A DIVISION	44916.3.3, TAP-0620(036) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$301,850.00 Cost \$241,480.00 Fed. \$60,370.00 State
Statewide R-5786B DIVISION	44916.3.4, TAP-0620(037) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$130,650.00 Cost \$104,520.00 Fed. \$26,130.00 State
Statewide R-5786B	44916.3.5, TAP-0620(038)	\$56,850.00 Cost \$45,480.00 Fed.

DIVISION	ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$11,370.00 State
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**Division 7  
Bridge**

Rockingham Co. B-5352 STATEWIDE	46066.2.1, BRNHS-0220(067) Replace Bridge #131 over the Norfolk Southern Railroad Tracks on US 220 Northbound Lane. Funds are needed for full right of way and utilities.	\$240,000.00 Cost \$192,000.00 Fed. \$48,000.00 State
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**Safety**

Divisionwide W-5601F STATEWIDE	50138.3.241, HSIP-000S(860) Multiple routes in Division 7. Funds are needed for construction of guardrail end unit upgrades.	\$495,000.00 Cost \$445,500.00 Fed. \$49,500.00 State
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Statewide W-5700G DIVISION	46878.1.7, HSIP-000S(877) Division 7 - Signal Timing. Funds are needed for preliminary engineering.	\$125,000.00 Cost \$112,500.00 Fed. \$12,500.00 State
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**Rural**

Statewide R-5787 DIVISION	44917.1.2, TAP-0708(087) ADA (Americans with Disabilities Act) Curb Ramps at various locations. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$16,000.00 Fed. \$4,000.00 State
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Statewide R-5787A DIVISION	44917.3.2, TAP-0708(083) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$317,000.00 Cost \$253,600.00 Fed. \$63,400.00 State
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Statewide R-5787B DIVISION	44917.3.3, TAP-0708(084) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$314,000.00 Cost \$251,200.00 Fed. \$62,800.00 State
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Statewide R-5787C DIVISION	44917.3.4, TAP-0708(085) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$261,000.00 Cost \$208,800.00 Fed. \$52,200.00 State
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Statewide R-5787D DIVISION	44917.3.5, TAP-0708(086) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$259,000.00 Cost \$207,200.00 Fed. \$51,800.00 State
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**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). \$950,000.00 has previously been approved for construction. Additional funds are requested.	\$250,000.00 Cost \$225,000.00 Fed. \$25,000.00 State
Statewide W-5700H DIVISION	46878.1.8, HSIP-000S(878) Division 8 - Signal Timing. Funds are needed for preliminary engineering.	\$90,000.00 Cost \$81,000.00 Fed. \$9,000.00 State

**Rail Program**

Moore Co. Z-5400HE DIVISION	43600.1.97, RR-1105(026) Railway-Highway Grade Crossing Safety Project at SR 1105 (Pinebluff Lake Road) at CSX Tracks; Crossing #630 807X. Funds are needed for preliminary engineering.	\$59,000.00 Cost \$53,100.00 Fed. \$5,900.00 State
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**Enhancement**

Scotland Co. ER-5600HE DIVISION	46305.3.27, STP-0074(193) Interchange of US 74 and US 501 (South Caledonia Road). Funds are needed for construction of landscape improvements.	\$184,000.00 Cost \$147,200.00 Fed. \$36,800.00 State
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**Rural**

Statewide R-5788A DIVISION	44918.3.2, TAP-0801(013) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$243,000.00 Cost \$194,400.00 Fed. \$48,600.00 State
Statewide R-5788B DIVISION	44918.3.3, TAP-0801(014) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$322,000.00 Cost \$257,600.00 Fed. \$64,400.00 State

**Division 9  
Interstate**

Rowan Co. I-3802 STATEWIDE	36780.1.2, NHIMF-85-2(61)55 I-85 from NC 73 in Cabarrus County to US 29-601 Connector in Rowan County. \$2,672,965.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$4,300,000.00 Cost \$3,440,000.00 Fed. \$860,000.00 State
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**Bridge**

Rowan Co. B-5160	42335.3.1, BRZ-1986(001)	\$575,000.00 Cost \$460,000.00 Fed.
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DIVISION	Replace Bridge #50 over Nails Branch on SR 1986. Funds are needed for construction of bridge replacement.	\$115,000.00 State
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**Safety**

Statewide W-5700I DIVISION	46878.1.9, HSIP-000S(879) Division 9 - Signal Timing. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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**Rail Program**

Davidson Co. Z-5400IF DIVISION	43600.3.65, RR-2287(001) Railway-Highway Grade Crossing Safety Project at SR 2287 (Wafford Road) at Winston-Salem Southbound Railway; Crossing #849 843D near Southmont. Funds are needed for construction to install gates and flashers.	\$270,000.00 Cost \$243,000.00 Fed. \$27,000.00 State
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Stokes Co. Z-5700IA DIVISION	44803.1.5, RR-1148(007) Railway-Highway Grade Crossing Safety Project. Multiple crossings along Yadkin Valley Railroad Tracks; SR 1148 (Surry Line Road) at Crossing # 721 961X in Pinnacle, Stokes County; and SR 2050 (Academy Street) at Crossing # 721 972K in Pilot Mountain in Surry County. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
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Stokes Co. Z-5700IA DIVISION	44803.3.5, RR-1148(007) Railway-Highway Grade Crossing Safety Project. Multiple crossings along Yadkin Valley Railroad Tracks; SR 1148 (Surry Line Road) at Crossing #721 961X in Pinnacle, Stokes County; and SR 2050 (Academy Street) at Crossing #721 972K in Pilot Mountain in Surry County. Funds are needed for construction to replace solar panel power with AC power.	\$38,000.00 Cost \$34,200.00 Fed. \$3,800.00 State
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**Rural**

Statewide R-5789A DIVISION	44919.3.2, TAP-0918(108) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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**Division 10  
National Highway**

Mecklenburg Co. I-3311C STATEWIDE	34181.1.7, NHS-077-1(210) I-77 from I-277 to north of I-85, High Occupancy Toll (HOT) lanes and convert existing High Occupancy Vehicle (HOV) lanes to Hot lanes. \$4,662,330.00 has previously been approved for preliminary engineering. Additional funds are needed for preliminary engineering based on the latest	\$900,000.00 Cost \$720,000.00 Fed. \$180,000.00 State
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estimate. **This is a Strategic Transportation Investments Transition project.**

**Congestion Mitigation**

Mecklenburg Co. C-5540 EXEMPT	51010.3.3, CMS-1003(125) South Tryon Street, Nevin Road from Alpine Drive to Gibbon Road, Gibbon Road from Nevin Road to Sugar Creek Road, West Sugar Road from Bisaner Street and Mallard Creek Road. Funds are needed for construction of sidewalks.	\$701,500.00 \$526,125.00 \$175,375.00	Cost Fed. Local
Mecklenburg Co. C-5543 EXEMPT	51013.3.1, CMS-1003(133) I-77 Overpass on Sunset Road from I-77 to Statesville Road. Funds are needed for construction of sidewalks.	\$1,210,500.00 \$907,875.00 \$302,625.00	Cost Fed. Local

**Safety**

Statewide W-5700J DIVISION	46878.1.10, HSIP-000S(880) Division 10 - Signal Timing. Funds are needed for preliminary engineering.	\$140,000.00 \$126,000.00 \$14,000.00	Cost Fed. State
Union Co. W-5601DK DIVISION	50138.2.116, HSIP-1315(017) SR 1315 (New Town Road) intersecting with SR 2948 (Marvin School Road) and SR 1307 (Waxhaw Marvin Road) in Marvin. Funds are needed for full right of way.	\$400,000.00 \$360,000.00 \$40,000.00	Cost Fed. State

**Rural**

Statewide R-5790A DIVISION	44920.3.2, TAP-1001(066) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$80,000.00 \$64,000.00 \$16,000.00	Cost Fed. State
Statewide R-5790A DIVISION	44920.3.3, TAP-1001(067) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$130,000.00 \$104,000.00 \$26,000.00	Cost Fed. State
Statewide R-5790B DIVISION	44920.3.4, TAP-1001(068) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$120,000.00 \$96,000.00 \$24,000.00	Cost Fed. State
Statewide R-5790C DIVISION	44920.3.5, TAP-1001(69) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$60,000.00 \$48,000.00 \$12,000.00	Cost Fed. State
Statewide	44920.3.6, TAP-1001(070)	\$80,000.00	Cost

R-5790C DIVISION	ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$64,000.00 Fed. \$16,000.00 State
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Statewide R-5790D DIVISION	44920.3.7, TAP-1001(071) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$45,000.00 Cost \$36,000.00 Fed. \$9,000.00 State
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Statewide R-5790D DIVISION	44920.3.8, TAP-1001(072) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State
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### Bicycle and Pedestrian

Union Co. EB-5011 DIVISION	41125.3.1, STPEB-1015(014) Bearskin Creek Greenway from Dickenson Park to Creft Park. Funds are needed for construction of greenway. <b>This is a Strategic Transportation Investments Transition project.</b>	\$1,420,000.00 Cost \$1,136,000.00 Fed. \$284,000.00 State
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### Division 11 Appalachian

Wilkes Co. R-5186 EXEMPT	45243.3.1, APD-1119(005) Wilkes Industrial Park-east of the intersection of River Road, Liberty Grove Road and Colonial Drive northeast to Liberty Grove Road in North Wilkesboro. \$1,006,381.00 has previously been approved for construction. Additional funds are requested.	\$9,212.00 Cost \$7,370.00 Fed. \$1,842.00 Local
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### Bridge

Wilkes Co. B-4977 DIVISION	39896.1.1, BRZ-1313(004) Replace Bridge #75 over Fish Dam Creek on SR 1313. \$40,625.00 has previously been approved for preliminary engineering. Additional funds are requested for additional design work.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
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### Safety

Statewide W-5700K DIVISION	46878.1.11, HSIP-000S(881) Division 11 - Signal Timing. Funds are needed for preliminary engineering.	\$120,000.00 Cost \$108,000.00 Fed. \$12,000.00 State
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### Rural

Statewide R-5791A	44921.3.2, TAP-1119(009)	\$465,362.00 Cost \$372,290.00 Fed.
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DIVISION	ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$93,072.00	State
Statewide	44921.3.3, TAP-1119(010)	\$132,351.00	Cost
R-5791A	ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$105,881.00	Fed.
DIVISION		\$26,470.00	State

**Division 12  
Safety**

Cleveland Co.	44858.3.7, HSIP-0085(029)	\$340,000.00	Cost
W-5712G	I-85 Pavement marking improvements. Funds are needed for construction of pavement marking improvements.	\$306,000.00	Fed.
STATEWIDE		\$34,000.00	State
Iredell Co.	44858.3.3, HSIP-000S(865)	\$195,000.00	Cost
W-5712C	Various National Highway System (NHS) routes, from SR 2638 (Salisbury Highway) to US 70, US 64, NC 90, NC 150, I-77 and I-40, in Iredell County. Funds are needed for construction of guardrail end unit upgrades.	\$175,500.00	Fed.
REGIONAL		\$19,500.00	State
Iredell Co.	44858.3.4, HSIP-0115(010)	\$185,000.00	Cost
W-5712D	NC 115 in Iredell County between Mecklenburg County Line and Wilkes County Line. Funds are needed for construction of guardrail end unit upgrades.	\$166,500.00	Fed.
REGIONAL		\$18,500.00	State
Statewide	46878.1.12, HSIP-000S(882)	\$180,000.00	Cost
W-5700L	Division 12 - Signal Timing. Funds are needed for preliminary engineering.	\$162,000.00	Fed.
DIVISION		\$18,000.00	State

**Rail Program**

Iredell Co.	43600.1.98, RR-2400(001)	\$46,000.00	Cost
Z-5400LM	Railway-Highway Grade Crossing Safety Project at SR 2400 (Wiggins Road) at Norfolk Southern Railway Tracks; Crossing #721 610Y. Funds are needed for preliminary engineering.	\$41,400.00	Fed.
DIVISION		\$4,600.00	State

**Rural**

Statewide	44922.3.2, TAP-1229(018)	\$186,006.00	Cost
R-5792A	ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$148,805.00	Fed.
DIVISION		\$37,201.00	State
Statewide	44922.3.3, TAP-1229(019)	\$140,859.00	Cost
R-5792A	ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$112,687.00	Fed.
DIVISION		\$28,172.00	State

Statewide R-5792B DIVISION	44922.3.4, TAP-1229(020) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$141,277.00 Cost \$113,022.00 Fed. \$28,255.00 State
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Statewide R-5792B DIVISION	44922.3.5, TAP-1229(021) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$194,828.00 Cost \$155,862.00 Fed. \$38,966.00 State
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**Division 13  
Interstate**

McDowell Co. I-5833 STATEWIDE	53039.3.1, NHPP-0040(026) I-40 from the Buncombe County Line to Bridge #30 and Bridge #31. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on October 12, 2016. This is a <b>Cash Flow</b> project with \$3,899,017.00 in SFY 17 and \$3,899,017.00 in SFY 18.	\$7,798,034.00 Cost \$6,238,427.00 Fed. \$1,559,607.00 State
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**Bridge**

Burke Co. B-5398 DIVISION	46113.3.1, BRZ-1803(001) Replace Bridge #21 over Henry Fork River on SR 1803. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on October 12, 2016.	\$1,600,000.00 Cost \$1,280,000.00 Fed. \$320,000.00 State
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**Safety**

Buncombe Co. W-5713B DIVISION	44861.1.2, HSIP-1369(005) SR 1369 (Mount Carmel Road) near SR 1373 (Old Country Home Road) near Asheville. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
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Buncombe Co. W-5713C REGIONAL	44861.1.3, HSIP-074A(006) Guardrail end unit upgrades on US 74A and US 19 Business. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Buncombe Co. W-5713D REGIONAL	44861.1.4, HSIP-0151(017) Guardrail end unit upgrades on NC 151, NC 251, NC 280 and NC 694. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Buncombe Co. W-5713E	44861.1.5, HSIP-0040(051)	\$5,000.00 Cost \$4,500.00 Fed.
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STATEWIDE	Guardrail end unit upgrades on I-40, I-240, US 19-23, US 25, US 25A and US 70. Funds are needed for preliminary engineering.	\$500.00	State
Buncombe Co. W-5713F REGIONAL	44861.1.6, HSIP-0009(008) Guardrail end unit upgrades on NC 9, NC 63, NC 81, NC 112, NC 146 and NC 191. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Madison Co. W-5713G REGIONAL	44861.1.7, HSIP-0025(038) Guardrail end unit upgrades on US 25 - 70 Northbound. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Madison Co. W-5713H REGIONAL	44861.1.8, HSIP-0025(039) Guardrail end unit upgrades on US 25 - 70 Northbound and Southbound. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Madison Co. W-5713I REGIONAL	44861.1.9, HSIP-0025(040) Guardrail end unit upgrades on US 25 - 70 Southbound. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Rutherford Co. W-5713J REGIONAL	44861.1.10, HSIP-0064(189) US 64 from US 74A in Rutherford County to 400 Feet southwest of SR 1949 (Salem Road) in Burke County. Funds are needed for preliminary engineering.	\$30,000.00 \$27,000.00 \$3,000.00	Cost Fed. State
Statewide W-5700M DIVISION	46878.1.13, HSIP-000S(883) Division 13 - Signal Timing. Funds are needed for preliminary engineering.	\$60,000.00 \$54,000.00 \$6,000.00	Cost Fed. State

### Rural

Statewide R-5793A DIVISION	44923.3.2, TAP-1302(070) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$137,500.00 \$110,000.00 \$27,500.00	Cost Fed. State
Statewide R-5793A DIVISION	44923.3.3, TAP-1302(071) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$92,500.00 \$74,000.00 \$18,500.00	Cost Fed. State
Statewide R-5793B DIVISION	44923.3.4, TAP-1302(072) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$293,750.00 \$235,000.00 \$58,750.00	Cost Fed. State
Statewide R-5793B	44923.3.5, TAP-1302(073)	\$338,750.00 \$271,000.00	Cost Fed.

DIVISION	ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$67,750.00 State
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**Bicycle and Pedestrian**

Buncombe Co. EB-5790 DIVISION	46444.1.1, TAPDA-1302(074) On-street crossings and connections for bicyclist and pedestrians in East of the Riverway in Asheville. Funds are needed for preliminary engineering.	\$120,000.00 Cost \$96,000.00 Fed. \$24,000.00 Local
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**Division 14  
Safety**

Haywood Co. W-5601GP DIVISION	50138.2.199, HSIP-1613(009) SR 1613 (Beaver Dam Road) between SR 1663 (Great Oak Drive) and SR 1640 (Hilla Villa Road) near Canton. Funds are needed for full right of way.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
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Statewide W-5700N DIVISION	46878.1.14, HSIP-000S(884) Division 14 - Signal Timing. Funds are needed for preliminary engineering.	\$330,000.00 Cost \$297,000.00 Fed. \$33,000.00 State
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Transylvania Co. W-5601FM DIVISION	50138.3.170, HSIP-1540(006) SR 1540 (Wilson Road) near SR 1504, near Brevard. Funds are needed for construction of safety improvements.	\$200,000.00 Cost \$180,000.00 Fed. \$20,000.00 State
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**Rural**

Jackson Co. R-4753 DIVISION	39999.3.3, STP-0107(010) NC 107 from north of SR 1002 (Old Cullowhee Road) to NC 281. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on October 12, 2016.	\$22,500,000.00 Cost \$18,000,000.00 Fed. \$4,500,000.00 State
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Statewide R-5794A DIVISION	44910.1.3, TAP-1420(007) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for preliminary engineering.	\$20,250.00 Cost \$16,200.00 Fed. \$4,050.00 State
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Statewide R-5794A DIVISION	44910.3.3, TAP-1420(007) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$160,000.00 Cost \$128,000.00 Fed. \$32,000.00 State
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Statewide R-5794B DIVISION	44910.1.4, TAP-1420(008) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for preliminary engineering.	\$23,850.00 Cost \$19,080.00 Fed. \$4,770.00 State
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Statewide R-5794B DIVISION	44910.3.4, TAP-1420(008) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$160,000.00 Cost \$128,000.00 Fed. \$32,000.00 State
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**Rural**

Statewide R-5794C DIVISION	44910.1.5, TAP-1420(009) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for preliminary engineering.	\$26,100.00 Cost \$20,880.00 Fed. \$5,220.00 State
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Statewide R-5794C DIVISION	44910.3.5, TAP-1420(009) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$180,000.00 Cost \$144,000.00 Fed. \$36,000.00 State
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Statewide R-5794D DIVISION	44910.1.6, TAP-1420(010) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for preliminary engineering.	\$22,500.00 Cost \$18,000.00 Fed. \$4,500.00 State
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Statewide R-5794D DIVISION	44910.3.6, TAP-1420(010) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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**Statewide  
Safety**

Statewide W-57000 DIVISION	46878.1.15, HSIP-000S(885) Statewide - Signal Timing. Funds are needed for preliminary engineering.	\$230,000.00 Cost \$207,000.00 Fed. \$23,000.00 State
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**Planning and Research**

Statewide M-0487D STATEWIDE	46403.1.4, SHRP-000S(869) Strategic Highway Research Program 2 (SHRP2) R07- Performance Specifications for Rapid Highway Renewal. Funds are needed for the FY 2014 allocation.	\$50,000.00 Cost \$50,000.00 Fed.
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**ITEM M SUMMARY - 127 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$61,831,079.00**

**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 Perkins, seconded by Board Member McQueary, to approve the following additions, modifications and deletions to the 2016 – 2025 State Transportation Improvement Plans.

**HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 10**

EB-5829 MECKLENBURG <b>Proj. Category</b> DIVISION	Matthews, Construct four mile creek greenway crossing under SR 3448 (South Trade Street) <b><u>Add project at request of MPO.</u></b>	Construction FY17 FY17	FY17 FY17	\$1,114,000 (STBGDA) <u>\$279,000 (L)</u> \$1,393,000
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U-5987 UNION <b>Proj. Category</b> DIVISION	Indian Trail, Unionville-Indian Trail Road and Sardis Road. Construct intersection improvements. <b><u>Add project at request of MPO.</u></b>	Right-of-Way FY17 FY17 Construction FY18 FY18	FY17 FY17 FY18 FY18	\$270,000 (STBGDA) \$90,000 (L) \$1,680,000 (STBGDA) <u>\$560,000 (L)</u> \$2,600,000
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**DIVISION 11**

R-5805 CALDWELL <b>Proj. Category</b> DIVISION	Cajah's Mountain, Intersection of Connelly Springs Road and Cajah's Mountain Road. Construct left turn lane. <b><u>Add project at request of MPO.</u></b>	Utilities FY17 FY17 Construction FY17 FY17	FY17 FY17 FY17 FY17	\$80,000 (STBGDA) \$20,000 (S(M)) \$620,000 (STBGDA) <u>\$155,000 (S(M))</u> \$875,000
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**DIVISION 12**

EB-5825 CATAWBA <b>Proj. Category</b> DIVISION	Newton, Construct West A Street bike and pedestrian improvements. <b><u>Project added at request of MPO.</u></b>	Construction FY18 FY18	FY18 FY18	\$1,520,000 (STBGDA) <u>\$380,000 (L)</u> \$1,900,000
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EB-5826 CATAWBA <b>Proj. Category</b> DIVISION	Hickory, Main Avenue NE/NW, Lenoir-Ryhne Boulevard to 9th Street NW. Construct pedestrian walkway and bridge over NC 127. <b><u>Project added at request of MPO.</u></b>	Construction FY18 FY18	FY18 FY18	\$3,600,000 (STBGDA) <u>\$900,000 (L)</u> \$4,500,000
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EB-5828 CATAWBA <b>Proj. Category</b> DIVISION	Claremont, Centennial Boulevard, North Oxford Street Construct sidewalk. to North Lookout Street. <b><u>Project added at request of MPO.</u></b>	Construction FY18 FY18	FY18 FY18	\$458,000 (STBGDA) <u>\$115,000 (L)</u> \$573,000
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**DIVISION 12**

I-3819C IREDELL <b>Proj. Category</b> DIVISION	Brookdale Drive-US 21 Connector <b><u>Add project at request of MPO.</u></b>	Right-of-way FY18 FY18 Construction FY18 FY18	FY18 FY18 FY18 FY18	\$1,063,000 (STBGDA) \$477,000 (L) \$820,000 (STBGDA) <u>\$368,000 (L)</u> \$2,728,000
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**DIVISION 13**

EB-5827 BURKE <b>Proj. Category</b> DIVISION	Fonta Flora Trail, Fonta Flora State Trail, Intersection of Laurel Ridge Court and North Powerhouse Road to the proposed Harris Whisnant Trailhead at the intersection of Harry Whisnant Road and Cobb Road. Construct bicycle and pedestrian facility.	Engineering FY17 FY17 Right-of-way FY18 FY18	FY17 FY17 FY18 FY18	\$160,000 (STBGDA) \$84,000 (L) \$410,000 (STBGDA) <u>\$216,000 (L)</u> \$870,000
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Project added at request of MPO.

STIP MODIFICATIONS

**DIVISION 2**

B-4863	SR 1335 (Island Road),	Right-of-way	FY18	\$1,325,000 (T)
CARTERET	Replace lift span on Bridge	Utilities	FY18	\$191,000 (T)
<b>Proj. Category</b>	150073 and Bridge 150096	Construction	FY20	\$11,167,000 (T)
DIVISION	over the Straits at Harkers Island.		FY21	\$11,167,000 (T)
	<u>To allow additional time for</u>		FY22	<u>\$11,166,000 (T)</u>
	<u>Planning and Design, delay</u>			\$35,016,000
	<u>Right-of-way from FY 17 to FY 18.</u>			

**DIVISION 3**

U-5508	NC 24 (Lejeune Boulevard),	Right-of-way	FY19	\$420,000 (T)
ONslow	NC 53 (Western Boulevard)	Construction	FY21	<u>\$2,400,000 (T)</u>
<b>Proj. Category</b>	in Jacksonville. Upgrade			\$2,820,000
STATEWIDE	intersection and drainage.			
	<u>To combine schedule with STIP Project U-5736,</u>			
	<u>delay Right-of-way from FY 17 to FY 19</u>			
	<u>and Construction from FY 18 to FY 21.</u>			

**DIVISION 4**

EB-5507	Wilson, SR 1184 (Tarboro	Construction	FY17	\$225,000 (TAP)
WILSON	Street), Fairview Avenue to			
<b>Proj. Category</b>	Vinson-Bynum School.			
TRANSITION	Add sidewalk.			
	<u>To allow additional time for Planning</u>			
	<u>and Design by the city, delay</u>			
	<u>Construction from FY 16 to FY 17.</u>			

**DIVISION 5**

B-4750	SR 1719 (Brannon Road),	Right-of-way	FY17	\$120,000 (HFB)
FRANKLIN	Replace Bridge 340090 over	Construction	FY18	<u>\$1,200,000 (HFB)</u>
<b>Proj. Category</b>	Norris Creek.			\$1,320,000
HWY FUNDS	<u>Accelerate Right-of-way from</u>			
	<u>FY 19 to FY 17 and Construction</u>			
	<u>from FY 20 to FY 18 per</u>			
	<u>latest division schedule.</u>			

B-5102	US 158, Replace	Construction	FY18	\$2,200,000 (HFB)
PERSON	Bridge 720011 over			
<b>Proj. Category</b>	South Hyco Creek.			
HWY FUNDS	<u>To allow additional time for R/W</u>			
	<u>acquisition, delay Construction</u>			
	<u>from FY 17 to FY 18.</u>			

B-5130	SR 1321 (Avent Ferry Road),	Right-of-way	FY	\$314,000 (STPON)
WAKE	Replace Bridge 910318 over	Construction	FY18	<u>\$4,200,000 (STPON)</u>
<b>Proj. Category</b>	Lake Johnson in Raleigh.			\$4,514,000
DIVISION	<u>To allow coordination with B-5556</u>			
	<u>City Let schedule, delay Right of Way</u>			
	<u>from FY 16 to FY 17 and Construction</u>			
	<u>from FY 17 to FY 18.</u>			

B-5145 PERSON <b>Proj. Category</b> HWY FUNDS	SR 1343 (John Brewer Road), Replace Bridge 720050 over South Hyco Creek. <b><u>To allow additional time to complete the Design phase, delay Right-of-way from FY 17 to FY 18. Project to be let with B-5322.</u></b>	Right-of-way Construction	FY18 FY18	\$300,000 (HFB) <u>\$3,000,000</u> (HFB) \$3,300,000
B-5556 WAKE <b>Proj. Category</b> DIVISION	Lake Dam Road, Replace Bridge 910490 over Walnut Creek in Raleigh. <b><u>To allow additional time for the City to complete the Design phase, delay Right- of-way from FY 16 to FY 17.</u></b>	Right-of-way Construction	FY17 FY17 FY17 FY17	\$60,000 (STPOFF) \$15,000 (L) \$600,000 (STPOFF) <u>\$150,000</u> (L) \$825,000
B-5677 GRANVILLE <b>Proj. Category</b> HWY FUNDS	SR 1724 (Northside Road), Replace Bridge 380042 over Ledge Creek. <b><u>To allow additional time for Planning and Design, delay Construction from FY 17 to FY 18.</u></b>	Right-of-way Construction	FY17 FY18	\$80,000 (HFB) <u>\$775,000</u> (HFB) \$855,000
B-5682 GRANVILLE <b>Proj. Category</b> HWY FUNDS	SR 1400 (Grassy Creek - Virgilina Road), Replace Bridge 380129 over Beech Creek. <b><u>To allow additional time for Planning and Design, delay Construction from FY 17 to FY 18.</u></b>	Right-of-way Construction	FY17 FY18	\$75,000 (HFB) <u>\$720,000</u> (HFB) \$795,000
B-5687 WARREN <b>Proj. Category</b> HWY FUNDS	SR 1620 (Licksillet Road), Replace Bridge 920043 over Shocco Creek. <b><u>To allow additional time for Planning and Design, delay Construction from FY 17 to FY 18.</u></b>	Right-of-way Construction	FY17 FY18	\$115,000 (HFB) <u>\$1,150,000</u> (HFB) \$1,265,000
C-5163 WAKE <b>Proj. Category</b> EXEMPT	Crabtree Creek Greenway, Construct a connector between Capital Area Greenway System and the Morrisville Greenway System in Cary. <b><u>To allow additional time for processing of funding authorization request, delay Construction from FY 16 to FY 17.</u></b>	Construction	FY17 FY17	\$3,630,000 (CMAQ) <u>\$908,000</u> (L) \$4,538,000
C-5183B DURHAM <b>Proj. Category</b> EXEMPT	SR 1945 (S. Alston Ave.), SR 1171 (Riddle Rd.) to Capps St. <b><u>At request of Transportation Planning Branch</u></b>	Right-of-way Construction	FY17 FY17 FY18 FY18	\$79,000 (CMAQ) \$20,000 (L) \$565,000 (CMAQ) <u>\$141,000</u> (L)

	<u><i>and MPO add Right- of-way in FY 17 not previously programmed, and delay Construction from FY 17 to FY 18.</i></u>			\$805,000
C-5569 GRANVILLE <b>Proj. Category</b> EXEMPT	Various, City of Oxford. Construct sidewalk and crosswalk enhancements at various locations. <u><i>To allow Town additional time for Right-of-way acquisition, delay Construction from FY 16 to FY 17.</i></u>	Construction	FY17 FY17	\$184,000 (CMAQ) <u>\$46,000</u> (L) \$230,000
I-5700 WAKE <b>Proj. Category</b> STATEWIDE	I-40, SR 3015 (Airport Boulevard). Revise interchange and construct auxiliary lane on I-40 Westbound from SR 3015 (Airport Boulevard) to I-540. <u><i>Revise description to add auxiliary lane on I-40 westbound at request of Preconstruction.</i></u>	Right-of-way Construction	FY19 FY20 FY21	\$920,000 (NHP) \$2,875,000 (NHP) <u>\$2,875,000</u> (NHP) \$6,670,000
I-5819 VANCE GRANVILLE <b>Proj. Category</b> STATEWIDE	I-85, North of NC 56 in Granville County to US 158 in Vance County. Drainage rehabilitation. <u><i>To allow additional time for Planning and Design, delay Construction from FY 16 to FY 17.</i></u>	Construction	FY17	\$1,000,000 (NHPIM)
I-5843 VANCE GRANVILLE <b>Proj. Category</b> STATEWIDE	I-85, North of NC 56 in Granville County to US 158 in Vance County. Structure and signing rehabilitation. <u><i>To allow additional time to complete structure plans, delay Construction from FY 16 to FY 17.</i></u>	Construction	FY17	\$2,000,000 (NHPIM)
<b>DIVISION 7</b>				
R-4707 GUILFORD <b>Proj. Category</b> REGIONAL	US 29; SR 4771 (Reedy Fork Parkway); SR 2526 (Summit Avenue), North of SR 2641 (Bryan Park Road) to US 29 / SR 4771 (Reedy Fork Parkway) Interchange in Greensboro. Improve roadway, modify interchange and replace Bridge 400360. <u><i>Revise southwest terminus and route description to reflect correct planning/environmental scope.</i></u>	Right-of-way Utilities	FY19 FY19	\$3,220,000 (T) <u>\$982,000</u> (T) \$4,202,000
Y-4807B GUILFORD <b>Proj. Category</b> DIVISION	Lowdermilk Street Sykes Avenue, Pine Street crossing closure and Lowdermilk Street /Sykes Avenue	Right-of-way Construction	FY17 FY17 FY18	\$800,000 (STBGDA) \$160,000 (L) <u>\$1,100,000</u> (O) \$2,060,000

realignment in Greensboro.  
At request of City and Rail  
Division, delay Right-of-way from  
FY 16 to FY 17 and Construction  
from FY 17 to FY 18.

**DIVISION 8**

EB-5521 NC 134 (North Main Street); Construction FY17 \$595,000 (STPEB)  
MONTGOMERY SR 1005 (South Main,  
**Proj. Category** SR 1323 (Okeewemee Road) to  
TRANSITION Barnhill Street in Troy.

Construct sidewalks.  
To allow additional time for  
Town to decide whether to re-let  
project, delay Construction  
from FY 16 to FY 17.

**DIVISION 10**

C-5503 US 601 NC 24/NC 27, US 601 Engineering FY17 \$11,000 (CMAQ)  
CABARRUS and NC 24/NC 27 in Midland. FY17 \$3,000 (L)  
**Proj. Category** Construct sidewalks. Construction FY17 \$101,000 (CMAQ)  
EXEMPT To allow additional time for FY17 \$25,000 (L)

Planning, delay Construction  
from FY 16 to FY 17  
\$140,000

C-5533 Charlotte, SR 5469 (Shopton Right-of-way FY17 \$129,000 (CMAQ)  
MECKLENBURG Road) and SR 1156 (Beam Road) FY17 \$300,000 (STBGDA)  
**Proj. Category** in Charlotte. Construct roundabout. FY17 \$121,000 (L)  
DIVISION To allow additional time Construction FY18 \$867,000 (CMAQ)  
for Right-of-way acquisition, FY18 \$384,000 (STBGDA)  
delay Right-of- way from FY 16 FY18 \$482,000 (L)  
to FY 17 and Construction from \$2,283,000  
FY 17 to FY 18

C-5538 Charlotte, Intersection of Engineering FY17 \$240,000 (L)  
MECKLENBURG Tuckaseegee-Berryhill-Thrift Right-of-way FY17 \$50,000 (CMAQ)  
**Proj. Category** Roads in charlotte. FY17 \$250,000 (STBGDA)  
DIVISION Construct a traffic circle. FY17 \$98,000 (L)  
To allow additional time Construction FY18 \$1,797,000 (CMAQ)  
for Right-of-way acquisition, FY18 \$1,053,000 (STBGDA)  
delay right-of- way from FY 16 FY18 \$712,000 (L)  
to FY 17 and Construction \$4,200,000  
from FY 17 to FY 18

C-5543 Sunset Road, Sunset Road, Construction FY17 \$1,073,000 (CMAQ)  
MECKLENBURG I-77 to Statesville Road in Charlotte. FY17 \$358,000 (L)  
**Proj. Category** Construct sidewalks on south side and \$1,431,000  
EXEMPT install sidewalk on the I-77 overpass.  
To allow additional time for  
Right-of-way, delay Construction  
from FY 16 to FY 17

EB-4717 Locust, Construct Construction FY17 \$250,000 (STPEB)  
STANLY bike/pedestrian trail along

<b>Proj. Category</b>	town sewer easements in Locust.				
TRANSITION	<u>To allow additional time for Planning delay Construction from FY 16 to FY 17</u>				
EB-5783	Matthews, Sam Newell Road	Right-of-way	FY18	\$107,000	(STBGDA)
MECKLENBURG	multi-use path, Rice Road to		FY18	\$27,000	(L)
<b>Proj. Category</b>	Crown Point Elementary	Construction	FY19	\$213,000	(STBGDA)
DIVISION	School. Construct greenway.		FY19	\$53,000	(L)
	<u>To allow additional time for Planning per request from MPO. Delay right-of-way from FY 17 to FY 18 and Construction from FY 18 to FY 19</u>			\$400,000	
P-5705B	Charlotte, Charlotte Gateway	Engineering	FY17	\$9,500,000	(STBGDA)
MECKLENBURG	Station	Construction	FY17	\$25,000,000	(DP)
<b>Proj. Category</b>	<u>Add Preliminary Engineering in FY 17 and Construction in FY 17 not previously programmed at the request of the MPO</u>		FY17	\$5,500,000	(STBGDA)
REGIONAL			FY17	\$27,000,000	(T)
				\$67,000,000	
R-3329	US 74 Bypass, I-485 (Charlotte	Construction	FY17	\$280,500,000	(BOND R)
MECKLENBURG	Outer Loop) to Project R-2559				
UNION	(US 74 Monroe Bypass). Multi-				
<b>Proj. Category</b>	lane freeway on new location.				
TRANSITION	<u>Modify project funding to reflect updated plan of finance. Funding represents \$114 M in revenue bonds and \$166.5 M in TIFIA loan</u>				
U-5703	US 74 (Roosevelt Blvd),	Right-of-way	FY17	\$400,000	(T)
UNION	SR 1514 (Rocky River Road)	Construction	FY18	\$1,750,000	(T)
<b>Proj. Category</b>	intersection.			\$2,150,000	
STATEWIDE	Reconfigure to superstreet.				
	<u>To allow additional time for Design at request of the City of Monroe delay Construction from FY 17 to 18</u>				
<b>DIVISION 11</b>					
R-5775	Granite Falls, intersection of	Engineering	FY17	\$120,000	(STBGDA)
CALDWELL	US 321 and SR 1109		FY17	\$30,000	(S(M))
<b>Proj. Category</b>	(Pinewoods Road Extension).	Right-of-way	FY17	\$280,000	(STBGDA)
EXEMPT	Construct intersection		FY17	\$70,000	(S(M))
	improvements.	Construction	FY18	\$800,000	(STBGDA)
	<u>Add Engineering and Right-of-way in FY 17 not previously programmed. Delay Construction from FY16 to FY 18</u>		FY18	\$200,000	(S(M))
				\$1,500,000	
<b>DIVISION 12</b>					
C-5529	Mooresville, intersection of	Construction	FY18	\$996,000	(CMAQ)
IREDELL	NC 115 and Faith Road-Campus		FY18	\$750,000	(STBGDA)
<b>Proj. Category</b>	Lane in Mooresville. Realign and		FY18	\$1,148,000	(L)

EXEMPT	Faith Road to tie into existing NC 115/Campus Lane intersection and construct dedicated turn lanes on Faith Road and Campus Lane approaches to the intersection. <b><u>To allow additional time for Right-of-way acquisition, delay Construction from FY 17 to FY 18</u></b>			\$2,894,000
EB-5803 CATAWBA <b>Proj. Category</b> DIVISION	Conover, 1st Avenue area bicycle and pedestrian improvements. <b><u>To allow additional time for Planning and Design, delay Construction from FY 16 to FY 17</u></b>	Construction	FY17 FY17	\$561,000 (STBGDA) \$141,000 (L) \$702,000
EB-5808 BURKE CALDWELL CATAWBA <b>Proj. Category</b> DIVISION	Hickory, Upgrade current pedestrian signals and install new pedestrian signals. <b><u>To allow additional time for Planning and Design, delay Construction from FY 16 to FY 17</u></b>	Construction	FY17 FY17	\$322,000 (STBGDA) \$80,000 (L) \$402,000
U-4700A BURKE CALDWELL CATAWBA <b>Proj. Category</b> STATEWIDE	US 321, North of US 70 in Hickory to US 321A <b><u>Add STBGDA and local match funding in FY 18 not previously programmed at the request of the MPO. Funds are designated for US 321 bridge enhancements.</u></b>	Right-of-way Utilities Construction	FY18 FY19 FY18 FY18 FY18 FY18 FY18 FY19 FY20 FY21	\$21,500,000 (NHP) \$21,500,000 (NHP) \$2,000,000 (NHP) \$9,614,000 (HP) \$19,486,000 (NHP) \$2,800,000 (STBGDA) \$700,000 (L) \$29,100,000 (NHP) \$29,100,000 (NHP) \$29,100,000 (NHP) \$164,900,000
<b>DIVISION 13</b> EB-5807 BURKE <b>Proj. Category</b> DIVISION	Morganton, Morganton Downtown Greenway Connector. <b><u>To allow additional time for Planning and Design, delay Construction from FY 16 to FY 17</u></b>	Construction	FY17 FY17	\$1,335,000 (STBGDA) \$334,000 (L) \$1,669,000
<b>DIVISION 14</b> R-5207C HENDERSON <b>Proj. Category</b> TRANSITION	SR 1006 (Howard Gap Road), SR 1539 (Jackson Road) to US 25 in Fletcher <b><u>To allow additional time for Design, delay Right-of- way from FY 16 to FY 17 and Construction from FY 17 to FY 18</u></b>	Right-of-way Construction	FY17 FY18	\$100,000 (T) \$850,000 (T) \$950,000

W-5506	NC 191, SR 1381 (Mountain Road) to North of SR 1365 (North Rugby Road).	Right-of-way Construction	FY17	\$1,028,000 (STBG)
HENDERSON			FY17	\$1,975,000 (HSIP)
<b>Proj. Category</b>			FY17	<u>\$2,500,000</u> (STBG)
REGIONAL	Construct a three-lane section between N/S Rugby and Country Road, extend right turn lane into West Henderson School, revise and install guardrail at various locations, construct entrance to Rugby Middle School on new location, and construct paved shoulders.			\$5,503,000
	<b><u>To allow additional time for utility plans delay Right-of-way from FY 16 to FY 17</u></b>			

**STIP DELETIONS**

<b>DIVISION 12</b>				
EB-5805	Hickory, Citywalk - Phase I.	Engineering	FY	\$800,000 (STBGDA)
CATAWBA	Construct multi-purpose pedestrian and bicycle path.		FY	<u>\$200,000</u> (L)
<b>Proj. Category</b>				\$1,000,000
DIVISION	<b><u>Delete at the request of MPO.</u></b>			

**ITEM N SUMMARY**

ADDITION S	8 PROJECTS	\$15,439,000
MODIFICATION S	37 PROJECTS	
DELETION S	1 PROJECTS	\$1,000,000
	46 PROJECTS	\$14,439,000

**Approval – Municipal and Special Agreements**

A motion was made by Board Member Perkins, seconded by Board Member McQueary, to approve the following:

Board Member Hutchens noted a conflict of interest on project U5528F; U5528FA and U2519CA in Cumberland County.

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

Statewide North Carolina Department of Information Technology (NCDIT)	This Agreement is to provide support services for NCDOT’s users and normal maintenance of the Department’s SAP™ system. The Department and Agency have agreed provide to up to two thousand (2000) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$241,758.75.
Division 2  City of Greenville Pitt County 2.1074SM	This Municipal Operations Agreement (Schedule C) provides for the municipal operation of State-owned traffic signals at certain intersections on the State Highway System within or near the City of Greenville. The Department shall pay the Municipality an annual approved amount for the traffic signals operation, maintenance, and administrative costs as per the Agreement.

Town of New Bern  
Craven County  
49025

This Project consists of intersection improvements at Taberna Way and US 70 in New Bern, including signal and pavement marking revisions as needed for lane modifications. The Department is responsible for all phases of the work and participate in the cost of the Project up to \$100,000. The Municipality shall reimburse the Department \$10,000 for the work. The estimated total cost of the project is \$110,000.

Division 3

CSX Transportation (CSXT)  
Town of Warsaw  
Duplin County  
Y-5500CB  
45533

This Rail Agreement covers the permanent closure of the municipal at-grade highway-railroad crossing of Dudley Street (Crossing No. 624 710K, milepost AC 188.48), and for the installation of crossing signal warning devices and gates. CSXT will perform all work within the railroad right-of-way. The Department will perform all work outside of the railroad right-of-way. CSXT will reimburse the Department \$4,000 toward the cost of the crossing closure, and will pay the Municipality \$9,000, as an incentive payment for closing the crossing. The Department will pay CSXT 10% of the actual cost of the crossing signal installation at Dudley Street as a matching incentive for the crossing closure. The estimated cost of the Project is \$500,000.

City of Jacksonville  
Onslow County  
U-5719  
50117.2.1

This Project consists of the Municipality relocating NCDOT fiber lines along US 258/NC 24 at the intersection with SR 1213 (Blue Creek Rd) and SR 1396 (Ridge Road) in Jacksonville. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual costs in an amount not to exceed \$3,600. Costs which exceed this amount shall be borne by the Municipality.

Division 5

North Carolina State University  
Clean Energy Technology  
Center (CETC)  
C-5702 A, B, & C  
44907.1.1  
44907.1.2  
44907.1.3

This Project consists of the development and operation of a clean fuel advanced technology outreach and awareness program, including sub-awards for Projects in eligible counties in North Carolina. The Project will be administered by the CETC, a Public Service Center of the University and will be responsible for day to day management and implementation of the Project. The Department will pay eighty percent (80%) of eligible costs from the CMAQ fund allocation up to a maximum of \$4,494,500. The CETC will be responsible for the twenty percent (20%) non-federal match of \$1,123,624.

City of Durham  
Durham County  
C-5183B  
46242.2.1  
46242.3.2

This Project consists of the installation of sidewalks along Alston Avenue from Capps Street to Riddle Road in Durham. The Municipality is responsible for all phases of the Project. The Department shall pay 80% of approved eligible costs from the CMAQ funds allocation, not to exceed \$644,360. The Municipality will be responsible for providing the 20% (\$161,090) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost.

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

This Design Build Project consists of replacement of Bridge No. 132 across Smith Creek on SR 2052 in Wake Forest. The Project includes construction of a 10-foot concrete greenway, 6-foot sidewalks, and a 5-lane section at the Rogers Road-Forestville Road/Heritage Lake Road intersection. This Supplemental Agreement is to include driveway access from Rogers Road to the Town's property, Parcel 132-3. The Municipality will pay an additional cost of \$8,158 to fund the additional work.

Divisions 5 and 7

Triangle J COG  
Wake, Durham and Orange  
Counties  
C-4924  
44024.1.1  
44024.1.2

This Project is for the implementation of a Transportation Demand Management Program for the Triangle Area. The Triangle J COG is responsible for implementing the Project. This Supplemental Agreement increases the funding for the work by \$1,028,000 with CMAQ funds. The Department will participate in no more than 80% of eligible costs up to a total of \$4,185,000 and the COG will provide a match of \$4,721,000.

## Division 6

City of Fayetteville  
Cumberland County  
U-5528 F  
50078.2.2  
50078.3.8

This Project consists of the construction of sidewalk on the western side of Skibo Road from Raeford Road northward to Richwood Court. The Municipality is responsible for Right of Way and Utility Relocation for the Project. The Department shall pay 80% of approved eligible costs from the Transportation Alternatives Program (TAP) funds allocation, not to exceed \$96,000. The Municipality will be responsible for providing the 20% (\$24,000) non-federal match for the TAP funds authorized and all costs that exceed the total estimated cost.

City of Fayetteville  
Cumberland County  
U-5528 FA  
50078.2.3  
50078.3.3

This Project consists of the construction of sidewalk along the eastern side of Rosehill Road from Country Club Drive northward to Shaw Mill Road. The Department shall pay the Municipality 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$436,500. The Municipality will be responsible for providing the 20% (\$109,125) non-federal match for the STP-DA funds and all costs that exceed the total estimated cost.

City of Fayetteville Public  
Works Commission  
Cumberland County  
U-2519CA  
34817.2.7

This Project consists of highway improvements for the Fayetteville Outer Loop from south of US 401 to south of SR 1400 (Cliffdale Road) in Fayetteville. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$595,366.

## Division 7

City of Greensboro  
Guildford County  
SS-4907BM  
44712.3.1

This Project consists of modifications to the traffic signal at the intersection of US 220 (Battleground Avenue) and Mill Street/Battleground Court in Greensboro. Modifications include phase upgrades for left turn movements on both northbound and southbound Battleground Avenue. The Municipality is responsible for all phases of the Project. The Department shall participate in the costs in an amount not to exceed \$4,050. Costs which exceed this amount shall be borne by the Municipality.

City of Greensboro  
Guildford County  
SS-4907BO  
44714.3.1

This Project consists of a traffic signal installation at the intersection of SR 2085 (Joseph M. Bryan Blvd.) eastbound on/off ramp at SR 2136 (Fleming Road). The signal will include mast arm poles and protected-permitted flashing yellow arrows. The Municipality is responsible for all phases of the Project. The Department will pay the costs in an amount not to exceed \$60,300. Costs which exceed this amount shall be borne by the Municipality.

## Division 10

City of Charlotte  
Mecklenburg County  
EB-5820  
44840.1.1  
44840.3.1

This Project consists of the purchase and installation of bike-sharing stations around the City of Charlotte. The Municipality shall be responsible for all phases of the Project. The Department shall contribute 80% (\$675,000) of approved eligible costs from the TAPDA funds allocation. The Municipality shall provide the 20% (\$168,750) non-federal match and all costs that exceed the total estimated cost of \$843,750.

Mecklenburg County  
EB-5786  
46432.3.1

This Project consists of the construction of the Little Sugar Creek Greenway Extension from Ramblewood Lane in Charlotte to Cadillac Street in Pineville. The County shall be responsible for all phases of the Project. The Department shall contribute 80% (\$2,200,000) of approved eligible costs from the STBGDA funds allocation. The County shall provide the 20% (\$550,000) non-federal match and all costs that exceed the total estimated cost of \$2,750,000.

City of Concord  
Cabarrus County  
10.2013SM

This Municipal Operations Agreement (Schedule C) provides for the operation of the traffic signals at certain intersections on the State Highway System within or near the City of Concord. The Department shall pay the Municipality an annual approved amount for the traffic control devices utilized for the operation and maintenance of the system.

Charlotte Water  
Mecklenburg County  
43957

This Project consists of roadway improvements and signalization at the intersection of NC 49 and Cameron Boulevard and a left turn lane crossover at the intersection of W.T. Harris Boulevard and Alumni Way. At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate the water lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Agency is \$22,882.

City of Concord  
Cabarrus County  
10.2013SM

This Municipal Operations Agreement (Schedule C) provides for the operation of the traffic signals at certain intersections on the State Highway System within or near the City of Concord. The Department shall pay the Municipality an annual approved amount for the traffic control devices utilized for the operation and maintenance of the system.

City of Concord  
Cabarrus County  
10.2013SM

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

Norfolk Southern Railway (NS)  
Mecklenburg County  
P-5705A  
44475.1.1

This Rail Agreement supersedes the NS agenda item for the development and review of preliminary track and signal plans for the proposed wye connection track between the NS Main and R lines at Charlotte Junction that was approved at the February 4, 2016 Board of Transportation meeting. Due to a change in the scope of work and Project responsibilities, the Agreement has been modified to reflect (1) an increase in the cost of the Department's participation from \$300,000 to up to \$1,000,000, and (2) a change in Project responsibilities as follows: The Department will prepare plans and submit said plans to NS for review. NS will prepare signal and other design plans, which will be submitted to the Department for review and approval. The Department will pay NS up to \$1,000,000 for the actual cost of all work performed by NS and associated with plan review and preparation/development.

#### Division 11

Town of Beech Mountain  
Avery County  
44480

This Project consists of constructing a sidepath along NC 184 (Beech Mountain Parkway) from 0.2 miles north of the south town limit to 0.4 miles north of the south town limit. The Municipality is responsible for all phases of the Project. This Supplemental Agreement is to include eligible design costs associated with the Project in the current Project funding of \$250,000.

#### Division 12

City of Gastonia  
Gaston County  
I-5000  
41153.3.1

This Project consists of geometric safety improvements to the Interchange on I-85/US 321 in Gastonia. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$478,907.

**SUMMARY: There are a total of 22 agreements for informational purposes only.**

Division 1

Outer Banks Sporting Events  
Dare County  
36249.3703

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

Division 3

Town of Leland  
Brunswick County  
U-5534J  
44096.1.F11  
44096.2.F11  
44096.3.F11

This Project consists of the construction of a 5-foot wide sidewalk in three locations in Leland: on Village Road, Town Hall Drive and Old Fayetteville Road. This Supplemental Agreement is to extend the completion date for the Project to July 1, 2019, in lieu of June 30, 2017.

Town of Leland  
Brunswick County  
U-5534I  
44096.1.F10  
44096.2.F10  
44096.3.F10

This Project consists of the construction of a 10-foot wide asphalt multi-use path to the Sturgeon Creek Bridge in Leland. This Supplemental Agreement is to extend the completion date for the Project to July 1, 2019, in lieu of June 30, 2017.

Division 4

City of Rocky Mount  
Nash County  
36249.3709

This Project consists of review and inspection of a traffic signal upgrade or installation at the intersection at NC 43/48 (Falls Road and Peachtree Street) in Rocky Mount. The Municipality shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$22,500.

Division 5

Town of Rolesville  
Wake County  
44823

This Project consists of installation of a 0.35 mile segment of sidewalk from just north of Louisburg Road to Quarry Road in Rolesville. The Municipality is responsible for all phases of the Project. The Department shall participate in the actual Project costs up to a maximum amount of \$250,000. Costs which exceed this amount shall be borne by the Municipality.

Knightdale Development  
Ownership LLC  
Wake County  
36249.3704

This Project consists of review and inspection of a traffic signal installation on US 64 Business at the Parkstone Street/Quarry Driveway in Knightdale. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

D&N Developers LLC  
Wake County  
36249.3705

This Project consists of the review and inspection of the installation of a traffic signal at the intersection of Sunset Lake Road and Lassiter Road. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

GEMCAP Holdings LLC  
Durham County  
36249.3706

This Project consists of the review and inspection of the installation of a traffic signal at the intersection of SR 1110 (Southwest Durham Drive) and Witherspoon Drive. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

<p>City of Raleigh Wake County 15005.1092010</p>	<p>This Project consists of a water line for emergency washout repairs on SR 2052 (Rogers Road) in Raleigh. The Municipality shall be responsible for 100% of the cost for the water line. The estimated reimbursement from the Municipality is \$32,900.</p>
<p>Town of Morrisville Wake County 50138.3.157</p>	<p>The Project consists of installation of mast arm signal poles at the intersection of SR 3015 (Airport Blvd) and SR 1641 (Slater Road) in Morrisville. The Municipality shall reimburse the Department 100% of the actual cost of all work performed by the Department, including administrative costs. The estimated reimbursement is \$85,750.</p>
<p>Division 8</p>	
<p>Town of Aberdeen Moore County R-4073 44255</p>	<p>This Project consists of groundwater remediation near Highway 211 of Lockly Drive in Aberdeen. This Supplemental Agreement is to extend the completion date of the Project to 1/17/2018 in lieu of 1/17/2017.</p>
<p>North Carolina State Employees Credit Union Lee County 36249.3708</p>	<p>This Project consists of the review and inspection of the modification of a traffic signal at the intersection of Bragg Street and Nash Street in Sanford. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$3,000.</p>
<p>Division 9</p>	
<p>Village of Clemmons Forsyth County 36249.3702</p>	<p>This Agreement is to establish the ownership and maintenance responsibilities for mast arm poles at the intersection of SR 1891 (Peace Haven Road) and Village Club Lane in Clemmons. The Municipality shall own and be responsible for all maintenance associated with the mast arm poles. The Department will be responsible for maintaining the attached signal hardware, signal heads, brackets, signal wire, and associated hardware.</p>
<p>Winston-Salem Forsyth County Board of Education Forsyth County 36249.3737</p>	<p>This Project consists of extending driveway pipe, adjusting the ditch line, and paving the driveway inside the gate of the school bus lot in Forsyth County. The Board of Education will reimburse the Department 100% of the cost of the work. The estimated reimbursement is \$10,600.</p>
<p>Division 10</p>	
<p>City of Concord Cabarrus County C-5557 45845.3.1</p>	<p>This Project consists of the installation of sidewalk at several locations in the City of Concord. This Supplemental Agreement is to extend the completion date of the Project to 12/31/2018 in lieu of 12/31/2015.</p>
<p>M/I Homes of Charlotte, LLC Mecklenburg County 36249.3701</p>	<p>This Project consists of modifications to the existing traffic signal at the intersection of Christenbury Parkway (SR 2894) and Cox Mill Road (SR 1448) in Concord. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.</p>
<p>CalAtlantic Homes Mecklenburg County 36249.3562</p>	<p>This Project consists of a signal upgrade at the intersection of NC 73 and Bradford Park Entrance/New Development Road. This Supplemental Agreement is for an additional traffic signal modification at the intersection of Davidson-Concord Road, (SR 2693) and Sam Furr Road as required by the construction of a right turn lane on westbound NC 73. The Developer shall reimburse the Department an additional \$5,000 for the review and inspection of the additional traffic signal. The total estimated reimbursement from the Developer is \$10,000.</p>
<p>Division 12</p>	

<p>City of Statesville Iredell County K-4908 39894.1.1 39894.2.1 39894.3.1</p>	<p>This Project consists of improvements to the Municipality’s sewer system to serve the proposed I-77 Iredell County Median Rest Area. This Supplemental Agreement is to clarify the construction and reimbursement provisions and extend the completion date of the Project to November 30, 2017 in lieu of April 1, 2016.</p>
<p>Iredell Water Corporation Iredell County K-4908 39894.1.1 39894.2.1 39894.3.1</p>	<p>This Project consists of improvements to the Corporation’s water system to serve the proposed I-77 Iredell County Median Rest Area. This Supplemental Agreement is to clarify the construction and reimbursement provisions and to extend the completion date of the Project to November 30, 2017, in lieu of April 10, 2016.</p>
<p>Cleveland County 44981</p>	<p>This Project consists of the construction of a turn lane at Pinnacle Classical Academy and the installation of an interim traffic signal at the intersection of NC 180 and SR 2201/SR 2202 (Joe’s Lake Road). The County shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs in an amount not to exceed \$350,000. Costs which exceed this amount shall be borne by the County.</p>
<p>Division 13</p>	
<p>North Carolina Department of Agriculture Asheville Buncombe County</p>	<p>This Inter-Agency Agreement is for the Department to grant permission to the NC Department of Agriculture to utilize the right of way adjacent to the WNC Agriculture Centers public parking at the south east end of the facility in Asheville to be utilized as a parking lot on a temporary basis.</p>
<p>Division 14</p>	
<p>Haywood County E-4975 39831.1.1 39831.3.1</p>	<p>This Project is for the installation of interpretive signage and visitor kiosks in western North Carolina in the Blue Ridge National Heritage Area (BRNHA). This Supplemental Agreement provides additional time to submit final reimbursement requests for the Project. The County, working with the BRNHA, will complete the Project by January 31, 2017, in lieu of September 30, 2016.</p>

**Approval of Municipal Street System Changes**

**Additions to the State Highway System**

A motion was made by Board Member Perkins, seconded by Board Member McQueary, to approve the following:

Division	County	Municipality	Road	Termini	Length
10	Union	Town of Weddington	Bonner Drive	To add Bonner Drive located in the Arbor Oaks Subdivision.	0.14

**Total Miles= 0.14 Miles**

## **Preliminary Right of Way Plans**

A motion was made by Board Member Perkins seconded by Board Member McQueary, 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 Unit 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 Unit to acquire right of way on the below projects either by negotiation or by condemnation through the Attorney General's Office.

### **(Division 2)**

#### **Pitt County; I.D. No. W-5601CY; Project No. 50138.2.104:**

US 264 alternate (Greenville Boulevard) at SR 1135 (Williams Road) / Koinonia Church Western Driveway in Greenville

### **(Division 3)**

#### **Pender County; I.D. No. B-5304; Project No. 46018.2.1:**

Bridge No. 203 over Sill's Creek on SR 1324

### **(Division 4)**

#### **Johnston County; I.D. No. W-5601DP; Project No. 50138.2.121:**

SR 1003 (Buffalo Road) between SR 1702 (Archer Lodge Road) and the Wake County Line (Portion of section is within Archer Lodge Town Limits, remainder in Johnston County)

#### **Wayne County; I.D. No. W-5601BS; Project No. 50138.2.72:**

US 13 at SR 1127 (Herring Road)

#### **Johnston County; I.D. No. W-5601BZ; Project No. 50138.2.79:**

SR 1720 (Thanksgiving Fire Road) between approximately 0.1 mile South and approximate 0.1 mile North of SR 1943 (New Creech Road)

### **(Division 5)**

#### **Wake County; I.D. No. U-5537; Project No. 44112.2.1:**

Apex – SR 1521 (Lake Pine Drive) widen to 3 lanes and North of MacGregor Pines Road to North of Versailles Drive, Include 10 foot multi-use path East side; 5 foot sidewalk West side

#### **Wake County; I.D. No. U-5317; Project No. 45430.2.1:**

Fuquay-Varina – North Judd Parkway Northwest from NC 55 to NC 42

#### **Wake County; I.D. No. W-5601EJ; Project No. 50138.2.140:**

US 1A (South Main Street) between Star Road and Wake Pointe Shopping Center. Safety Improvements

**Wake County; I.D. No. U-5529; Project No. 44107.2.1:**

SR 1115 (Avent Ferry Road) from SR 1101 (Piney Grove-Wilbon Road) to West Elm Avenue in Holly Springs

**(Division 7)**

**Alamance County; I.D. No. B-5347; Project No. 46061.2.1:**

Bridge No. 170 over prong of Alamance Creek on SR 1212

**(Division 11)**

**Wilkes County; I.D. No. B-4978; Project No. 39897.2.1:**

Bridge No. 82 over South Prong Lewis Fork Creek on SR 1154

**(Division 14)**

**Haywood County; I.D. No. W-5601GP; Project No. 50138.2.199:**

SR 1613 (Beaver Dam Road) between SR 1663 (Great Oak Drive) and SR 1640 (Hilla Villa Road) near Canton

**Henderson County; I.D. No. U-5105; Project No. 41903.2.FR1:**

Hendersonville – us 25/SR 1164 (Erkwood Drive) / SR 1779 (Shepherd Street)

**PRELIMINARY RIGHT OF WAY PLANS**

**13 PROJECT(S)**

**\$0.00**

**Final Right of Way Plans**

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

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

**(Division 3)**

**Project No. 38584.2.1; Sampson County; I.D. No. B-4814:**

Grading, drainage, paving and structures on Bridges No. 102, 103 & 104 over Little Coharie Creek on SR 1233 (Autryville Road) with the right of way indicated upon the final plans for said project.

**(Division 10)**

**Project No. 32638.2.2; Anson County; I.D. No. B-2506:**

Structure, grading, paving and drainage on Bridge No. 08 over Brown Creek on SR 1627 with the right of way indicated upon the final plans for said project.

**(Division 14)**

**Project No. 39999.2.FR2; Jackson County; I.D. No. R-4753:**

Grading, drainage, paving, retaining walls and culverts on NC 107 from North of SR 1002 to NC 281 with the right of way indicated upon the final plans for said project.

**FINAL RIGHT OF WAY PLANS**

**3 PROJECT(S)**

**\$0.00**

## Revisions of the Final Right of Way Plans

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

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

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

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

### (Division 10)

#### **Project No. 34811.2.3; I.D. No. U-2507A; Mecklenburg County:**

Final Right of Way plans approved on the minutes of the January 9, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 10, 23 and 24 as presented at the December 1, 2016 Board of Transportation Meeting.

### (Division 11)

#### **Project No. 34518.2.FR2; I.D. No. R-2915B; Ashe County:**

Final Right of Way plans approved on the minutes of the September 3, 2015 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 8 as presented at the December 1, 2016 Board of Transportation Meeting.

**REVISION FINAL ROW PLANS**

**2 PROJECT(S)**

**\$0.00**

## Approval of conveyance of Highway Right of Way Residues

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

### (Division 8)

#### **Project 34542.2.5, Parcel R-3421C 017, I-73/74 from Southwest of SR 1304 (Harrington Road) to I-73/74 Interchange South of Ellerbe Lee County**

Conveyance of an approximate 0.155-acre residue area to David Tarlton and Tammie Tarlton, the only interested adjacent owners, for the appraised value of \$155.00.

### (Division 9)

#### **Project 34871.2.2, Parcel U-2826A 006, Bridge 256 & 257 on US 52 Norfolk Southern Railroads Forsyth County**

Conveyance of an approximate 0.152-acre residue area to Richard D. Kelly, the only interested adjacent owner, for the appraised value of \$1,850.00.





WHEREAS, the Blue Star Memorial Highway designation along U.S. 64 continues from the Tennessee state line to Williamston in Martin County; and

WHEREAS, the extension of the Blue Star Memorial Highway Network along U.S. 64 from Williamston through Martin, Washington, Tyrrell and Dare counties fills a gap in the Blue Star network.

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

That the North Carolina Board of Transportation designates U.S. 64 from Williamston to U.S. 158 in Nags Head a **Blue Star Memorial Highway**.

That appropriate signs be erected at a suitable time.

Adopted, this first day of December 2016 by the North Carolina Board of Transportation.

**Committee Reports**

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

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

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

Terry Hutchens, Chair of the Economic Development and Intergovernmental Relations Committee, provided an update.

Cheryl McQueary, Chair of Funding and Appropriation Strategies, provided an update

**Other Business**

**Adjournment**

There being no further business to come before the Board, the meeting was adjourned at 10:20 a.m.



Chairman,  
North Carolina Board of Transportation

Attest: Tereca W. Batts  
Secretary to the Board of Transportation

Dated this 5<sup>th</sup> day of January, 2017.





## Honorary Designations of State Transportation Assets/ Employee Memorial Program

Honorary Designations  
Of State Transportation Assets  
/Employee Memorial Program  
Policy Committee:

J. Carr McLamb Jr.  
General Counsel

Walt Gray  
Chief Deputy Secretary

Ann Dishong  
Governance Director

Leigh M. Wing, PE  
Assistant to the Chief Engineer

Aurea Rodriguez  
Policy Specialist

Jade Manley  
Policy Coordinator

Approved By:

1/5/17  
Date of Approval

  
\_\_\_\_\_  
Michael L. Holder  
Acting Secretary of Transportation

\_\_\_\_\_  
Date of Approval

  
\_\_\_\_\_  
Edward L. Curran, Chairman  
Board of Transportation

Person Responsible for Policy:

Leigh M. Wing, PE  
Assistant to the Chief Engineer  
Chief Engineer's Office  
1 South Wilmington Street  
1553 Mail Service Center  
Raleigh, NC 27699-1553



**HONORARY DESIGNATIONS OF STATE TRANSPORTATION  
ASSETS/EMPLOYEE MEMORIAL PROGRAM**

**NCDOT POLICY (#)  
A.09.0100**

<b>Business Category:</b> Secretary's Office		<b>Business Area:</b> Governance/ North Carolina Board of Transportation	
<b>Approval Date:</b> Click here to enter date on which policy was initially adopted.		<b>Last Revision Date:</b> 11/1/2016	<b>Next Review Date:</b> 11/2/2020
<b>Authority:</b> <a href="#">North Carolina General Statute (NCGS) § 136-18(8)</a> <b>Select all that apply:</b> <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Requires Board approval <input type="checkbox"/> Requires FHWA approval <input type="checkbox"/> Requires other external agency approval: Click here to enter external agency name(s).		<b>Policy Owner:</b> Governance Director on behalf of the Board Chairman	
<b>Definitions:</b> In this policy, unless otherwise provided, the following terms will have the following meanings: <ol style="list-style-type: none"> <li>1) "Board" shall mean the North Carolina Board of Transportation.</li> <li>2) "Department" shall mean the North Carolina Department of Transportation (NCDOT).</li> <li>3) "Committee" shall mean the Road, Bridge and Ferry Naming Committee of the North Carolina Board of Transportation.</li> <li>4) "Local Government" shall mean county, city, town or village in whose jurisdiction the facility lies.</li> <li>5) "Quorum" shall mean a simple majority of committee members or of the full board.</li> <li>6) "North Carolina (NC) Resident" shall mean a person who filed NC taxes and/or is registered to vote as a NC resident.</li> </ol>			
<b>Policy:</b> Pursuant to <a href="#">NCGS §136-18(8)</a> , the North Carolina Board of Transportation may name roads, bridges, or ferries. Policy and procedures approved by the North Carolina Board of Transportation for carrying out said road, bridge or ferry naming are detailed below. <ol style="list-style-type: none"> <li>I. <b>Roles and Responsibilities of the Board of Transportation's Road, Bridge, and Ferry Naming Committee</b> <ol style="list-style-type: none"> <li>a. Committee acts in response to local resolutions.</li> <li>b. North Carolina Department of Transportation Secretary and Board Chairman are co-chairs of the committee, who call meetings and approve the agenda.</li> <li>c. A quorum is necessary for approval of resolutions.</li> <li>d. Committee makes a recommendation to the Board regarding approval of requested road, bridge, and ferry naming, Blue Star Highways and the NCDOT Employee Memorial Program.</li> <li>e. Committee may, at its discretion, recommend the Board take action on removal of an honorary sign.</li> </ol> </li> <li>II. <b>Criteria for Nominee for Road, Bridge or Ferry Naming</b> In order to have a road, bridge, or ferry named in</li> </ol>			

honor of an individual, that individual:

- a. Must be either living, or be deceased longer than one year but fewer than 75 years.
- b. Must not be currently serving or pursuing a term as an elected official (local, state, or federal).
- c. Must be or have been a NC resident. Proof of residency shall be provided by the requesting party at the time the formal resolution is submitted.
- d. Must have made notable local, state, and/or national contributions and/or have significant accomplishments.
- e. Must not already have another state-owned road, bridge, or ferry named for him/her. The Board does not name more than one facility for the same individual. Requests for duplicate family members reviewed on case by case basis.
- f. A Sheriff's Deputy or a State Highway Patrolman must have been killed in the line of duty, if this is the only basis for nomination.
- g. Must have strong local support with regard to the road, bridge, or ferry naming; resolutions passed by municipal councils and county commissions must be unanimous. The Board does not mediate local disagreements.
- h. Must have the support of the family with regard to the road, bridge, or ferry naming.
- i. Additional criteria for individual military designations:
  - i. Recipient of Valor Medals as designated by the Department of Defense. Listed below are eligible for individual road or bridge designations as sole basis for nomination.
    1. Medal of Honor
    2. Distinguished Service Cross
    3. Silver Star
    4. Navy Cross
    5. Air Force Cross
  - ii. Verification of a Valor Medal shall be provided by the requesting party at the time the formal resolution is submitted.
  - iii. Medal of Honor recipients are eligible for interstate designations; other levels would be US or NC routes.

### **III. Specific criteria for named road, bridge or ferry**

- a. The Board will consider naming roads, bridges, and ferries (not buildings).
- b. In order for a road or bridge to be named in honor of an individual, the road or bridge must be already constructed, or within 3 months of its expected construction completion date.
- c. For roads, the distance of dedication should be 5 miles or less.
- d. Sheriff's Deputy or State Highway Patrolman will be honored with bridge dedications.
- e. Signs may include up to one title, one first name, one initial, one last name, and one suffix, to be designated by the local governing body, as long as length limits are met. The Department will communicate to the local governing body applicable text length limits. (The entire name is limited to one line of text; the font size of the text depends on the design speed of the road where the sign is to be installed.)

### **IV. Submitting a Road, Bridge or Ferry naming Application Request**

To access specific steps needed to submit a road, bridge or ferry naming application request please see [Steps to submit](#)

a Road, Bridge or Ferry Naming Request. The following documentation and information is required before any naming request will be considered by the Board.

- a. **Background Information on Nominee** Sufficient information must be provided to explain why the naming is warranted; for example, significant contributions and accomplishments at the local, state, and/or national level. If the designee is recently deceased, the request will be reviewed after a one year waiting period unless the nomination package (resolution and letters of support) have been received by the Department. A fatality resulting from a crash, while tragic, is alone not sufficient to qualify for a naming designation. See *Section VII: Alternatives* for other available options for honoring an individual.
- b. **Resolutions** Local government must unanimously adopt resolutions in a public forum and in sufficient detail to adequately justify the request. The road or bridge proposed for naming must be entirely within the jurisdiction of the requesting governing body or bodies.
- c. **Character Certification Form** Local government must attest, to the character of the honoree, using the Character Certification Form provided by the Department.
- d. **Public Input and Support** Cite the opportunity for public input. Local governing bodies shall provide a minimum of three recommendation letters from civic, service, or business organizations to demonstrate the degree of public support for the honoree.
- e. **Family Support** The requesting party shall have the family's support for the road, bridge, or ferry naming request including agreement with the requested location of the dedication.
- f. **Minutes from the Local Government Meeting(s) where the Resolution was passed** This is to substantiate that the resolution was passed in a public forum, and that the body was unanimous in its support.
- g. **A willingness of the Local Government or sponsor to pay an administrative fee of \$2000 to offset cost of the program** The fee is not due unless and until the Board approves the requested naming.
- h. **Approval** A naming request recommended by the committee shall be reviewed by the Chairman of the Board prior to being considered by the Board.

V. **Blue Star Memorial Highway** The Department has over 1,300 miles designated as the Blue Star Highway Network including all interstates, US routes, and most NC routes. This extensive network honors all veterans and military groups in the state. Requests for honorary designations for specific groups such as Bladen County Veterans or 100th Infantry, or a particular branch of the military are considered honored with the Blue Star Highway network. New interstate designations and segments are typically monitored by the Board of Transportation and automatically added to the Blue Star Highway as completed.

VI. **NCDOT Memorial Program** NCDOT employees killed in the line of duty may be honored through a specific memorial program.

- a. **Purpose** The purpose of the NCDOT Employee Memorial Program is to honor the lives of transportation employees who passed away while performing their job duties in service to the Department and the citizens of North Carolina.
- b. **Eligibility Criteria**
  - i. At the time of death, the employee was an active permanent or temporary, full-time or part-time employee of the NCDOT; and
  - ii. It is determined that the death was the result of an on-the-job or work-related accident or injury.
  - iii. It is determined the employee's actions were not contributory to his/her death.
  - iv. It is determined the employee was not under the influence of alcohol or drugs or other impairing

substances.

**VII. Alternatives** In the event the requested naming does not meet the criteria, or is not approved by the Board for any reason, options are available to honor the individual, including, but not limited to:

- a. **Adopt a Highway** Local governments could consider the "Adopt a Highway" program as an alternative method of honoring an individual or group.
- b. **Municipal road or bridge** Municipalities may name municipally owned streets or bridges in honor of individuals or groups. This does not require review or approval by the Department or the Board. Municipal officials, employees, and law enforcement officers (including those killed in the line of duty) should be recognized with a municipally owned bridge in lieu of a state owned bridge except in extraordinary circumstances, such as when a local law enforcement officer is killed directly in the line of duty on the state owned bridge to be named.

**Related Documents:** [Blue Star Memorial Highway Program](#), [NCDOT Employee Memorial Program](#), [Steps to submit a Road, Bridge or Ferry Naming Request](#), [Road, Bridge or Ferry Naming Application](#), [Character Certification Form](#)

Revision History		
Revision Date	Revision Number	Description