

# I N D E X

## BOARD OF TRANSPORTATION MEETING

April 7, 2016

	<u>Page No.</u>
Call to Order	3280
Invocation	3280
Ethics Statement	3280
Approval – Minutes of the March 3, 2016 Board	3280
Meeting Chairman’s Remarks	3280
Secretary’s Remarks	3280
2015 Wildflower Award	3283
Legislative Update	3284
Product Evaluation Program: Awareness Update / New Products	3284
Approval of Projects	3284
<u>Delegated Authority Items</u>	
Approval – Award of Highway Construction Contracts from the March 15, 2016 Letting	3284
Approval – Award of Contracts to Private Firms for Engineering Services	3286
Approval – Secondary Road Improvement Projects (Highway and Trust Funds)	3294
Approval – Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development	3295
Approval – Specific Spot Safety Improvement Projects	3296
<u>Action Items</u>	
Approval – Highway Maintenance Improvement Program	3296
Approval – Scenic By-Ways	3297
Approval – Additions, Abandonments, and Road Name Changes to State Secondary Road System	3297
Approval – Public Transportation	3299

Approval – Rail Program	3302
Approval – Specific State Funds for Construction Projects	3303
Approval – State Highway Trust Funds – Strategic Transportation Investments	3304
Approval – State Highway Trust Funds - Intrastate System	3306
Approval - State Highway Trust Funds - Urban Loops	3307
Approval – Funds for Specific Federal – Aid Projects	3307
Approval – Revisions to the 2016 - 2025 STIPS	3319
Approval – Municipal and Special Agreements	3324
Approval – Preliminary Right of Way Plans	3334
Approval – Final Right of Way Plans	3335
Approval – Revisions of the Final Right of Way Plans	3336
Approval – Conveyance of Highway Right of Way Residues	3337
Approval – Conveyance of Permanent Easement	3338
Approval – Conveyance of Surplus Highway Right of Way	3338
Approval – Sampson County Comprehensive Transportation Plan	3339
Approval – Bladen County Comprehensive Transportation Plan	3339
Approval – Resolution for Don Buie	3340
Committee Reports	3341
Adjournment	3341

## **Board of Transportation Meeting**

**April 7, 2016**

### **Call to Order**

Chairman Curran called the meeting of the Board of Transportation to order at 8:33 a.m. Thursday, April 7, 2016 in Raleigh, North Carolina with the following members present: Fearing, Overholt, Blount, Fountain, Lennon, Tulloss, Sheehan, Crawford, Hutchens, McQueary, Molamphy, Alexander, Perkins, Palermo, Wetmore, Brown and Debnam.

Board Member Dodson was absent.

### **Invocation**

The invocation was offered by Board Member Tulloss.

### **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 March 3, 2016 Board Meeting**

The minutes of the March 3, 2016 Board of Transportation meeting were unanimously approved upon a motion by Board Member Overholt, seconded by Board Member Blount. Board Member McQueary abstained from voting.

### **Chairman Curran's Remarks**

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

### **Secretary Tennyson's Remarks**

Secretary Tennyson welcomed special guests and thanked everyone for attending.

He noted this time of year marks the beginning of our construction season, and as work ramps up across the state, Governor McCrory has proclaimed April as both Distracted Driving Awareness Month and Work Zone Safety Awareness Month. The week of April 11<sup>th</sup> through 15<sup>th</sup> is also designated as Work Zone Safety Awareness Week. He encouraged everyone to be careful as they travel throughout the state to avoid distractions and also be aware of crews working along our roadways. The safety of both travelers and workers is always top priority.

Secretary Tennyson recognized a few new team members who play critical roles in our agency's mission. He introduced Charles Edwards, the new Director of Freight and Logistics Planning. Prior to assuming his current position, Charles was the Executive Director of the North Carolina Center for Global Logistics. The Center was dedicated to the expansion of logistics education programs from high school to graduate school throughout North Carolina and provided instruction, outreach, and

logistics-focused advisory services to businesses, government agencies and the military. Charles began his career in the logistics industry as a truck driver. He was on the senior management team of the North Carolina-based airline that started United Parcel Service Airlines. He helped introduce an innovative container to the international airline industry, managed a commercial airport, led the development of the world's largest air vehicle, and has been a senior advisor to public and private aviation and logistics projects in the United States, Europe, Africa, Southeast Asia and the United Arab Emirates. The facilitation of seamless freight movement and logistics continues to be one of our most important responsibilities, and we are fortunate to have Charles overseeing these efforts.

The Secretary introduced Patrick Norman, the new Planning and Programming Division Director. Patrick has been with NCDOT since 2001. Since that time he has served in a variety of capacities including Assistant District Engineer, County Maintenance Engineer, District Engineer, Division Operations Engineer and most recently Transportation Planning Branch Manager.

He introduced Van Argabright, the new State Transportation Improvement Program and Feasibility Studies Manager. Van has been with NCDOT for over 21 years, and was most recently the Unit Head for the STIP Western Region. In addition to STIP programming, his NCDOT experience includes long-range transportation planning and value engineering.

Secretary Tennyson expressed regret that we have one very valuable team member to say goodbye to this month and asked Shelley Blake to please come forward. After serving as NCDOT's General Counsel and Deputy Secretary for three years, Shelley will be leaving to become the General Counsel for GoTriangle, the transportation organization focused on transit and other commuter options in the Triangle region. He said her dedication, leadership and outstanding legal expertise have served the department well. Shelley's work helped move a number of critical transportation projects forward, including most notably negotiating the settlement agreement for the Bonner Bridge replacement project.

NCDOT has had many team members and partners involved with this project over the years and he thanked everyone who has played some part in making it a reality. He said Shelley's knowledge and experience will be a valuable asset to both GoTriangle and the department as NCDOT continues to work closely with that organization. Secretary Tennyson thanked Shelley and presented her with the Road Gang Award in recognition of her outstanding work and service to the department.

The Secretary said there were several significant milestones this past month and chief among them was the long-awaited groundbreaking for the new Bonner Bridge. The current bridge had a design life of only 30 years, but thanks to 21<sup>st</sup> century advances such as the use of high-performance concrete, stainless reinforcing steel, and longer, deeper pilings, the new and improved Bonner Bridge is designed to last for a century. It will be the first bridge in the state built using stainless reinforcing steel that will provide additional protection from the harsh coastal elements and help reduce maintenance costs. In addition, the longer and deeper pilings will eliminate concerns with scour. He said another key improvement includes 8-foot shoulders

that will enhance safety on the bridge and an increased number of navigational spans—from one up to seven—that will provide more options for boats to cross under the bridge.

Secretary Tennyson said a lot of people were involved in getting this done for the state and wanted to recognize a few of them by presenting them with shovels used at the ceremonial groundbreaking. He presented shovels to Chairman Ned Curran, Board member Malcolm Fearing, Shelley Blake, Mike Charbonneau, Rodger Rochelle, Jerry Jennings, and Brian Yamamoto. The Governor's shovel will be presented at another time since he could not be here today.

The Secretary said we celebrated another milestone with the installation of the first Future Interstate sign on a section of the U.S. 70 Goldsboro Bypass that is currently under construction. Gus did a great job as our event emcee. The future interstate designation for the U.S. 70 corridor, along with the future designation of U.S. 64/17, was included in the FAST Act and had strong support from the entire Congressional delegation, as well as from state and local leaders. Both of these designations are also part of the Governor's 25-Year Vision and are very important to the future of North Carolina. Improving the U.S. 70 corridor will not only enhance regional mobility, but it will also strengthen military connections and facilitate better freight movement to and from our ports and the Global TransPark. Interstate connections open the door to new opportunity and are a powerful tool in the recruitment and retention of business and industry—so this is a critical step for this region and its economic future, in addition to being a significant transportation milestone.

The Secretary and Chairman Curran had the chance to discuss the importance of transportation investment at the Charlotte Chamber Transportation Infrastructure Summit held last month. The summit was followed by a roundtable on Charlotte's freight economy hosted by Federal Highway Administrator Greg Nadeau, where issues critical to enhancing freight movement in Charlotte and across our state were discussed.

The following week the Rail Division, along with the NC Triangle Chapter of the Women's Transportation Seminar, hosted the Southeast Rail Forum in Charlotte, which brought together representatives from Virginia, North Carolina, South Carolina, Georgia, Florida and the District of Columbia to talk about a variety of topics related to high-performance passenger, intermodal and freight rail. U.S. Secretary of Transportation Anthony Foxx and Federal Railroad Administration Executive Corey Hill also participated in the forum.

NCDOT continues to be a national leader in a lot of different areas, and the whole team and this board should be proud of the ways NCDOT is serving as a model for our counterparts in other states. Earlier this month NCDOT hosted a workshop regarding the Strategic Transportation Investments Law and project prioritization for representatives from the Kentucky Transportation Cabinet who asked to come here to learn more about our new process.

The Secretary spoke at the Welcome Session of the 2016 GIS Transportation Symposium on Tuesday morning. This event is hosted by our GIS unit and is sponsored annually by the American Association of State

Highway and Transportation Officials, or AASHTO and includes about 400 attendees representing more than 30 state DOTs.

Secretary Tennyson said another area where we continue to serve as a national model is in our Wildflower Program. This program began back in 1985, and former First Lady Dottie Martin is credited with initiating the idea. Today the program remains one of our most popular initiatives, and we receive hundreds of comments each year in praise of our wildflower plantings. These plantings play an important role in keeping our roadsides attractive and making our state an appealing place to live, work and visit. Agriculture and travel/tourism are two of our state's most important industries, and this program plays a central role in supporting both of them.

Wildflower beds are installed and maintained by Roadside Environmental Personnel in each of our 14 divisions across the state, and each year we honor their efforts with the Wildflower Awards. They all do an outstanding job as you will see in a moment, and we're pleased to have the opportunity to recognize their hard work and contributions to our state. The Garden Club of North Carolina is the lead sponsor of the Wildflower Program, and we appreciate their taking the time to judge our work and to help present these awards.

Secretary Tennyson introduced and welcomed Roadside Environmental Development Chair, Pat Cashwell, from the Garden Club. He thanked her for their support of this important program. He thanked State Roadside Environmental Engineer Don Lee for his leadership in making this program and other roadside initiatives a success.

### **2015 Wildflower Award**

Don Lee thanked the Secretary for his support and the support of NCDOT leadership and the Board of Transportation. In 2015, North Carolina celebrated 30 years of the NC Wildflower Program. He thanked First Lady, Dottie Martin, Gov. Martin and Secretary Jim Harrington for supporting the department in starting the NC Wildflower Program and recognized Berry Jenkins as the founding leader for the Awards Program. He said NC is a very special place, and our Wildflower Program supports the vibrant travel and tourism industry, economic development, and pollination services for NC agriculture.

The W. D. Johnson Daylily Award winners for the 2015 calendar year are 1<sup>st</sup> place to Division 5 I-85 Welcome Center in Warren County and 2<sup>nd</sup> place to Division 13 I-240 in Buncombe County.

The 1<sup>st</sup> place 2015 Wildflower Awards for the Eastern Region goes to Division 4, US-64, Martin County and the 2<sup>nd</sup> place winner is Division 1, US-64, Martin County. For the Central Region 1<sup>st</sup> place goes to Division 10, NC 24 Old Concord Road, Mecklenburg County and 2<sup>nd</sup> place to Division 7, I-40 Mt. Hope Church Road, Guilford County. For the Western Region 1<sup>st</sup> place goes to Division 12, I-85 Welcome Center, Cleveland County and 2<sup>nd</sup> place to Division 13, I-40 / US-25, exit 50, Buncombe County. The 1<sup>st</sup> place winner for Best Overall Wildflower Award goes to Division 13 and 2<sup>nd</sup> place to Division 11.

Don Lee thanked Mrs. Cashwell and The Garden Club of North Carolina, Inc. for their support of NCDOT and all of our aesthetic programs.

## Legislative Update

Mary Jernigan, Government Affairs and Policy Director, provided a legislative update.

## Product Evaluation Program Update

Jessica Kuse and Natalie Roskam gave a slide show presentation to give an update on the Product Evaluation Program.

## Approval of Projects

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

Board Members Curran and Lennon abstained from voting on certain projects.

## Delegated Authority Items

## Approval – Award of Highway Construction Contracts in the March 15, 2016 Letting

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

Project	Contract Awarded To	Amount
C203834 2016CPT.02.04.10741.2, 2016CPT.02.07.10741.5, 2016CPT.04.09.10331.1 STATE FUNDED PITT, EDGECOMBE	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$3,418,649.90
C203775 2016CPT.02.27.20071.3, 46000.3.2 STATE FUNDED BEAUFORT B-5300	S. T. WOOTEN CORPORATION WILSON, NC	\$2,086,430.84
C203784 53025.3.1 NHPP-0095(24)97 JOHNSTON I-5784	S. T. WOOTEN CORPORATION WILSON, NC	\$11,024,727.41
C203835 2016CPT.05.07.10391.1, 2016CPT.05.07.20391.1 STATE FUNDED GRANVILLE	CAROLINA SUNROCK LLC	\$4,176,801.92

C203818 53028.3.1 NHPIM-0095(018)63 CUMBERLAND, HARNETT I-5788	S. T. WOOTEN CORPORATION WILSON, NC	\$19,967,476.22
C203782 46264.3.FS1, 53042.3.1 IMPM-040-3(134)219, NHPIM-0040(10)148 ALAMANCE I-5309, I-5836	APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	\$11,966,430.84
C203785 53030.3.1, 53059.3.1 NHPIM-0085(4), NHPIM- 0085(8) GUILFORD I-5790, I-5855	PENHALL COMPANY ANAHEIM, CA	\$10,358,599.85
C203674 42286.3.FD1 BRZ-1404(12) RANDOLPH B-5128	MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	\$465,573.55
C203833 2016CPT.08.10.10531, 2016CPT.08.10.10631, 2016CPT.08.10.20531, 2016CPT.08.10.20631 STATE FUNDED LEE, MOORE	RILEY PAVING INC CARTHAGE, NC	\$3,626,756.06
C203832 2016CPT.08.11.10771, 2016CPT.08.11.20621, 2016CPT.08.11.20771 STATE FUNDED RICHMOND, MONTGOMERY	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$1,372,679.67
C203837 2016CPT.08.12.10831, 2016CPT.08.12.20471, 2016CPT.08.12.20831 STATE FUNDED SCOTLAND, HOKE	HUDSON PAVING, INC. ROCKINGHAM, NC	\$1,594,222.76
C203838 2016CPT.08.13.10191, 2016CPT.08.13.10761, 36249.3537	RILEY PAVING INC CARTHAGE, NC	\$979,707.60



STATE FUNDED  
CHATHAM, RANDOLPH

C203853 52022.3.1 NHPP-0085(22) ROWAN I-5741	J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	\$2,216,864.45
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C203673 38523.3.2 STATE FUNDED GASTON B-4751	TCB BUILDERS, LLC LEXINGTON, NC	\$575,682.56
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C203823 2017CPT.12.06.10551, 2017CPT.12.06.20551 STATE FUNDED LINCOLN	MIDSTATE CONTRACTORS, INC. HICKORY, NC	\$3,615,842.00
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C203762 52036.3.1, 52037.3.1 NHPP-0026(002)40, NHPP-0026(006)21 HENDERSON I-5758, I-5759	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNOXVILLE, TN	\$12,573,325.84
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**Approval - Professional Services Management**

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

**Technical Services**

**Project Development and Environmental Analysis – Project Development**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to complete the Environmental Documents for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

**DIVISION 2**

Project:	50111.1.1 (U-5713) Craven County US 70 from the Neuse River Bridge to SR 1124 (Grantham Road) in New Bern
Scope of Work:	Preparation of environmental documents, natural systems surveys, public involvement, community impact assessments, traffic noise, air quality studies and preliminary roadway design
Estimated Construction Cost:	\$40,000,000.00

Firm:	Three Oaks Engineering, Inc., Durham, NC
Original Engineering Fee:	\$950,000.00
Supplemental Fee:	\$700,000.00
Supplemental Work:	Additional public Involvement, preparation of the EA/FONSI
DBE/WBE/SPSF Utilization:	100%

**DIVISIONS 4 & 5**

Project:	37673.1.TA2, 35516.1.TA2, 35517.1.TA1 (R-2721, R-2828 and R-2829) Wake and Johnston Counties
Scope of Work:	Triangle Expressway Southeast Extension Project development, environmental, and engineering services
Estimated Construction Cost:	\$1,519,000,000.00
Firm:	H. W. Lochner, Inc., Raleigh, NC
Original Engineering Fee:	\$ 263,930.72
Previous Supplemental Fee:	\$11,700,000.00
Supplemental Fee:	\$ 5,500,000.00
Supplemental Work:	Preliminary designs for the Preferred Alternative, preparation of the Final EIS, preparation of the Record of Decision
SPSF Utilization:	0%

**DIVISION 13**

Project:	34165.1.2 (I-2513) Buncombe County Asheville – I-240 and New Route from I-26 to US 19-23-70
Description of supplemental work:	Updating technical studies and preliminary design, and preparing a Final Environmental Impact Statement and Record of Decision
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Original Engineering Fee:	\$1,150,000.00
Previous Supplemental Fee:	\$2,800,000.00
Supplemental Fee:	\$ 500,000.00
SPSF Utilization:	0%

**Project Development and Environmental Analysis – Natural Environment**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to provide Bat Surveys and Monitoring Services on an as needed basis for various federal-aid and state funded projects to support the Natural Environment Section. These contracts will expire three (3) years (with 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:	2016 Bat Surveys & Monitoring LSC
Firm:	Ecological Engineering, LLP, Cary, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work: 2016 Bat Surveys & Monitoring LSC  
Firm: Copperhead Environmental Consulting, Inc.,  
Paint Lick, Kentucky  
Maximum Engineering Fee: \$2,000,000.00  
SPSF Utilization: 0%

Description of Work: 2016 Bat Surveys & Monitoring LSC  
Firm: Stantec Consulting Services, Inc., Raleigh, NC  
Maximum Engineering Fee: \$2,000,000.00  
SPSF Utilization : 0%

Description of Work: 2016 Bat Surveys & Monitoring LSC  
Firm: CALYX Engineers & Consultants, Raleigh, NC  
(formerly Mulkey Engineers & Consultants)  
Maximum Engineering Fee: \$2,000,000.00  
DBE/WBE/SPSF Utilization: 100%

### **Roadway Design**

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

### **DIVISION 6**

Project: 33727.1.1 (B-4490) Cumberland County  
Replace Bridge 116 over CSX Railroad,  
Norfolk Southern Railroad, and Hillsboro  
Street on NC 24-210 (Rowan Street)  
Scope of Work: Roadway Design  
Estimated Construction Cost: \$18,000,000.00  
Firm: Parsons Brinckerhoff, Inc., Raleigh, NC  
Original Engineering Fee: \$104,550.13  
Previous Supplemental Fee: \$ 39,347.13  
Supplemental Fee: \$ 6,548.64  
Supplemental Work: Revise -Y3- (Murchison Road) to tie to the  
improvement of the existing road at the new  
Parkview Condo complex  
SPSF Utilization: 0%

### **DIVISION 7**

Project: 34820.1.2 (U-2524D) Guilford County  
Greensboro Western Loop from US 220  
(Battleground Ave.) to SR 2303 (Lawndale Dr.)  
Scope of Work: Roadway Design  
Estimated Construction Cost: \$60,100,000.00  
Firm: Parsons Transportation Group, Raleigh, NC  
Original Engineering Fee: \$96,076.36  
Previous Supplemental Fee: \$57,286.78  
Supplemental Fee: \$17,506.12  
Supplemental Work: Roadway Design for creating detour  
alignments for -Y6- and -Y8-, revising the

pedestrian bridge, structure recommendations  
and typical section  
SPSF Utilization: 0%

**DIVISION 12**

Project: 34497.1.4 (R-2707C) Cleveland County  
US 74 Bypass from west of NC 226 to west of  
NC 150  
Scope of Work: Roadway Design  
Estimated Construction Cost: \$64,000,000.00  
Firm: Moffatt & Nichol, Inc., Raleigh, NC  
Original Engineering Fee: \$107,399.49  
Previous Supplemental Fee: \$196,237.54  
Supplemental Fee: \$22,454.69  
Supplemental Work: NC 180 Study (over -L- instead of under), -Y9-  
Detour redesign, Value Engineering Study  
Project History, Wall Envelopes  
SPSF Utilization: 0%

**Transit**

**Aviation**

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

**STATEWIDE**

Project: 36246.98 Statewide  
Sole Source Contract for continuation of  
cultural resources element of the NC Airports  
System Plan  
Scope of Work: Comprehensive cultural resources and  
environmental background study,  
inventory and sensitivity review for the NC  
Airports System Plan to improve management  
of historic properties and other environmental  
resources for certain NC airports  
Firm: TRC Environmental Corporation, Pittsburgh,  
Pennsylvania  
Maximum Engineering Fee: \$160,000.00  
SPSF Utilization: 0%

**Chief Engineer**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to perform 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 1**

Project: 32635.3.5 (B-2500) Dare County

Scope of Work:	Replace Bridge 11 Over the Oregon Inlet on NC 12 Construction Engineering and Inspection Services
Estimated Construction Cost:	\$181,316,000.00
Firm:	Parsons Brinckerhoff, Inc., Raleigh, NC
Maximum Engineering Fee:	\$14,500,000.00
DBE/WBE/SPSF Utilization:	SKS Engineering & Planning, Inc. \$1,160,000.00 8%

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

**DIVISION 10**

Project:	34187.3.GV2 (I-3803B) Mecklenburg - Cabarrus Counties I-85 from south of SR 2894 (Speedway-Concord Mills Boulevard) in Mecklenburg County to NC 73 in Cabarrus County
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$67,776,000.00
Firm:	Kisinger Campo & Associates, Corp., Kannapolis, NC
Original Engineering Fee:	\$10,000,000.00
Previous Supplemental Fee:	\$ 1,095,000.00
Supplemental Fee:	\$ 150,000.00
Supplemental Work:	Construction Engineering and Inspection Services
SPSF Utilization:	0%

**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 a private firm for Right of Way 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 3**

Project:	41582.2.2 (R-5021) Brunswick County NC 211 from SR 1500 (Midway Road) to NC 87
Scope of Work:	Right of Way acquisition, negotiations, legal, appraisal and relocation assistance
Estimated Construction Cost:	\$58,200,000.00
Firm:	Carolina Land Acquisitions, Inc., Zebulon, NC
Maximum Engineering Fee:	\$1,450,829.00
SPSF Utilization:	100%

**Roadside Environmental**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to provide UST Environmental Services (Hazardous Waste Site Analysis and Remediation) on an as needed basis for various federal-aid and state funded projects to support the Roadside Environmental Unit. These contracts will expire two (2) years (with two (2) annual extensions possible) after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

**STATEWIDE**

Description of Work:	2016 UST Environmental Services
Firm:	AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 UST Environmental Services
Firm:	ATC Associates of North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 UST Environmental Services
Firm:	Catlin Engineers and Scientists, Wilmington, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	2016 UST Environmental Services
Firm:	Hart & Hickman, PC, Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 UST Environmental Services
Firm:	Terracon Consultants, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

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

**DIVISION 14**

Project:	41534.1.1 (K-5002) Haywood County US 23/US 74 - Southbound Rest Area on new location and renovate the existing Northbound Rest Area
Scope of Work:	Rest Area Design and Renovation
Estimated Construction Cost:	\$6,400,000.00

Firm:	Weeks Turner Architecture, PA, Raleigh, NC
Original Engineering Fee:	\$94,013.80
Supplemental Fee:	\$24,709.00
Supplemental Work:	Additional project management time and expense due to construction contractor project extension
SPSF Utilization:	0%

### Turnpike Authority

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

#### STATEWIDE

Description of Work:	On-Call Services for the North Carolina Turnpike Authority
Firm:	HNTB North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$ 4,000,000.00
Previous Supplemental Fee	\$16,608,000.00
Supplemental Fee:	\$ 4,000,000.00 and two (2) year time extension
SPSF Utilization:	0%

### 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 Traffic Forecasting Studies 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 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 Traffic Forecasting LSC
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group, PLLC \$50,000.00 10%

Description of Work:	2016 Traffic Forecasting LSC
Firm:	Atkins North America, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group, PLLC \$50,000.00 10%

SPSF Utilization:	Patriot Transportation Engineering, PLLC \$75,000.00 15%
DBE/WBE/SPSF Utilization:	Peggy Malone & Associates, Inc. \$50,000.00 10%

Description of Work:	2016 Traffic Forecasting LSC
Firm:	CDM Smith, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	The Traffic Group, Inc. \$25,000.00 5%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	Hatch Mott MacDonald I&E, LLC, Fuquay-Varina, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group, PLLC \$20,000.00 4%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group, PLLC \$50,000.00 10%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group, PLLC \$25,000.00 5%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	Parsons Brinckerhoff, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	Patriot Transportation Engineering, PLLC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group, PLLC \$75,000.00 15%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Traffic Forecasting LSC
Firm:	VHB Engineering NC, PC, Watertown, Massachusetts
Maximum Engineering Fee:	\$500,000.00



SPSF Utilization: J. M. Teague Engineering, PLLC \$25,000.00  
5%

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm for Development of The North Carolina Statewide Multi-Modal Freight Plan for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

**STATEWIDE**

Project: 44534.1.1 (M-0500)  
Statewide Freight Plan  
Scope of Work: Development of The North Carolina Statewide  
Multi-Modal Freight Plan  
Firm: Cambridge Systematics, Inc., Cambridge,  
Massachusetts  
Maximum Engineering Fee: \$1,907,570.50  
DBE/MBE/SPSF Utilization: Baseline Mobility Group, Inc. \$62,424.00  
3%

**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
Vance Div. 5	SR 1298 Gwynn Pond Lake Road	GDB&P. Increase Funds. WBS 5C.091045	\$80,000.00

**Deletions**

County	SR No.	Reason	Amount
Brunswick Div. 3	SR 1530 Orton Road	Various Repairs. Funded By Another Source. WBS 42525	-\$100,000.00

**March 2016 Item E Summary:**

1	Projects to Increase Funds	Amount:	\$80,000.00
0	Projects to Increase and Close	Amount:	\$0.00
1	Projects to Delete	Amount:	-\$100,000.00

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

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

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 1 Washington	Design plans for replacement of bridge # 26 on SR 1155 over the Scuppernong River  WBS 44614	Contingency <hr/> TOTAL	\$100,000.00 <hr/> \$100,000.00
Div 3 Sampson	Place ABC stone and pave in front of new bays at Taylors Bridge Fire Dept on US-421  WBS 44772	Public Access <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00
Div 9 Davidson	Welcome – Intersections improvements on SR 2972 (Industrial Dr) at SR 3010 (Old US-52)  WBS 44776	Contingency Small Construction <hr/> TOTAL	\$10,000.00 \$30,000.00 <hr/> \$40,000.00
Div 10 Cabarrus	Town of Midland – Construction of a rail spur to serve new facility located off of SR 1119 (Wallace Rd); companion funds to Rail WBS 80000.3.1.7 Other funding: \$200,000 (RIAP) WBS 44774	Econ Development <hr/> TOTAL	\$122,500.00 <hr/> \$122,500.00
Div 10 Mecklenburg	Modify intersection to accommodate a left turn from Idlewind Rd onto Stallings Rd; work to include widening, overlay, and pavement markings WBS 44773	Small Construction <hr/> TOTAL	\$80,000.00 <hr/> \$80,000.00
Div 11 Yadkin	Town of Boonville – 44462 was established (06/15) for widening, drainage improvements, and improve radii on SR 1367 (River Rd) near NC-67 (East Main St) in Boonville to provide truck access to a new facility Increase funds	Public Access <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00
Div 14 Swain	WBS 43156 was established (03/11) to construct left and right turn lanes on US-19 at the intersection of Goose Creek Rd; scope change to install flashers and warning signs in lieu of turn lane construction Decrease funds	Small Construction <hr/> TOTAL	(\$140,000.00) <hr/> (\$140,000.00)

**Deletion:**

Div 3, Brunswick – WBS 42525 was established (01/09) to repair SR 1530 (Orton Rd) and SR 1529 (Plantation Rd) by utilizing the reclamation process; funded by alternate source

<b>Summary:</b>	<b>Number of Projects</b>	<b>7</b>
	<b>Number of Divisions</b>	<b>6</b>
	<b>Small Construction Commitment</b>	<b>(\$30,000.00)</b>
	<b>Public Access Commitment</b>	<b>\$50,000.00</b>
	<b>Contingency Commitment</b>	<b>\$110,000.00</b>
	<b>Economic Development</b>	<b>\$122,500.00</b>
	<b>TOTAL</b>	<b>\$252,500.00</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>
Wake Co. Div. 5 SS-4905CS	WBS 44443.3.1 US 70 Bus. From I-40 to the Wake/Johnston County line. \$288,000.00 in construction funds has previously been approved for guardrail installation. Additional funds are needed due to an increase in construction costs. File 05-15-3815-1	\$147,000.00
<b>ITEM L SUMMARY</b>	<b>1 PROJECTS</b>	<b>\$147,000.00</b>

**Action Items**

**Approval – Highway Maintenance Improvement Program (HMIP)**

Board members were reminded that in 2014, the primary statute G.S. 143B-350(f) that sets out the Board’s duties was amended. The change requires BOT to approve a “schedule of state highway maintenance projects and their anticipated cost” and to publish the approved schedule on the Department’s website by April 1<sup>st</sup> of each year.

On April 7, 2016 the motion to consider the proposed FY2017-2019 Highway Maintenance Improvement Program along with the amended FY2016 HMIP was made by Board Member Palermo. The motion was seconded by Board Member McQueary.

The board was asked to vote on the proposed FY2017-2019 Highway Maintenance Improvement Program along with the amended FY2016 HMIP.

The proposed FY2017-2019 Highway Maintenance Improvement Program along with the amended FY2016 HMIP was adopted unanimously by the Board of Transportation on April 7, 2016.

Please see attachment 1 to view documentation associated with the proposed FY2017-2019 Highway Maintenance Improvement Program along with the amended FY2016 HMIP.

There were no recusals identified related to the item.

**Approval – Scenic By-Ways**

<b>Action Item # 1 – Big Horse Creek Scenic Byway</b>	<b>Action Item # 2 – Revision to Brunswick Town Road – Designated in March, 1990</b>
<p>Application sponsor: Greater Lansing Area Development            Corridor length: 17.89 Miles            County: Ashe            Zoning: Ashe County            Route Description:            The proposed byway begins in Warrentonville at NC 194 – 3.6 Miles and travels</p> <ul style="list-style-type: none"> <li>• SR 1353 – 2.6 Miles</li> <li>• South Big Horse Creek Road (SR 1362) – 6.4 Miles</li> <li>• Big Horse Creek Road (SR 1361) – 3.5 Miles</li> <li>• Rip Shin Road (SR 1359) – 0.52 Miles</li> <li>• Whenlin Ridge Road (SR 1360) – 1.27 Miles</li> <li>• Farmers Store Road</li> </ul> <p>The proposed byway ends at the North Carolina and Virginia state line</p>	<p>Current corridor length – 3 miles            Proposed corridor length – 2.3 miles            County: Brunswick</p> <p>Recommendation:            Revise Brunswick Town Road Scenic Byway to delete 0.48 miles of Plantation Road (SR 1529) from NC 133 to SR 1530 and designate 0.3 miles of Orton Road (SR 1530) from NC 133 to SR 1529 as part of the Brunswick Town Road byway.</p>

On April 7, 2016 the motion to consider the two proposed Scenic Byways was made by Board Member Palermo. The motion was seconded by Debnam.

The board was asked to vote on the two proposed Scenic Byways (Big Horse Creek Scenic Byway and Revision to Brunswick Town Road).

The two proposed Scenic Byways (Big Horse Creek Scenic Byway and Revision to Brunswick Town Road) was adopted unanimously by the Board of Transportation on April 7, 2016.

There were no recusals identified related to the item.

**Approval – Additions, Abandonments, and Road Name Changes to State**

**Secondary Road System**

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

**Road Additions:**

<b>County</b>	<b>Pet. No.</b>	<b>Length (Miles)</b>	<b>Description</b>	<b>Date of Report</b>
<b>Division 4</b>	51027	0.11	<b>Timberlake Subdivision</b>	2/15/16
Johnston	51027	0.28	Lauderdale Drive Fontana Drive 3297	2/15/16

Johnston	51028		<b>Branch Woods Subdivision</b>	9/30/15
		0.20	Buckeye Trail	
		0.19	Linden Court	
		0.12	Cinnecord Place	
<b>Division 5</b>				
Wake	51029		<b>Old Milburnie Crossing Subdivision</b>	2/11/16
		0.31	Bunting Drive	
		0.24	McGrath Way	
		0.23	Glengrove Road	
		0.02	Steams Court	
		0.26	Kennington Park Drive	
		0.12	Bloomfield Way	
		0.07	Vailwood Court	
Wake	51030		<b>Heritage Point Subdivision</b>	1/26/16
		0.07	Customs House Court	
Wake	51031		<b>Estates at Smith Crossing Subdivision</b>	2/15/16
		0.18	Greythorne Place	
		0.53	Font Hills Lane	
		0.06	Tadmire Lane	
Wake	51032		<b>Deep Run Estates Subdivision</b>	2/2/16
		0.21	Turning Brook Lane	
<b>Division 7</b>				
Guilford	51033		<b>Beacon Hill Subdivision</b>	1/29/16
		0.45	Bostonian Drive	
Guilford	51034		<b>Ellison Estates Subdivision</b>	12/29/15
		0.16	Agatha Drive	
Orange	51035		<b>Birchwood Lake Estates Subdivision</b>	10/1/15
		0.06	Crabapple Lane	

**Deletions:**

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 5</b>				
Wake	51037	0.34	Portion of SR 1942 Oak Grove Church Road	10/21/15
		0.34	Portion of SR 1943 Gilcrest Farm Road	
<b>Division 7</b>				
Rockingham	51038	0.22	Portion of SR 2324 Harned Farm Road	11/20/15
<b>Division 14</b>				
Cherokee	51039	0.023	Portion of SR 1400 Griggs Road	2/15/16

**Summary: Number of Roads Petitioned for Addition – 20  
Number of Roads Petitioned for Abandonment – 4**

**Approval – Public Transportation**

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

Highway Division #	<b>Transportation Demand Management - Rideshare</b>	Estimated Project Cost
3	<p><b>17-RS-126 City of Wilmington</b> will use funds to target high priority TMD strategies for the Wilmington MPO region. These strategies include: Alternative Work Schedules, Carpool/Vanpool, Development Review, Park &amp; Ride lots, Full-Time TDM Coordinator, Transit Amenities, Bicycle &amp; Pedestrian Infrastructure, and Commuter Transit Routes. Wilmington will follow a plan which outlines specific performance measures, a work plan, priorities, and responsibilities for implementation.</p>	<p><b>Operating</b>                      \$120,000 Total                      \$0 Federal                      \$60,000 State                      \$60,000 Local</p>
5 & 7	<p><b>17-RS-901 Triangle J Council of Governments (TJCOG)</b> is responsible for the overall Triangle TDM Program Planning and administration under contract to the Public Transportation Division. The Triangle 7-Year TDM Plan defines specific activities to enable the Triangle Region reach the state goal of reducing the Vehicle Miles Traveled (VMT) of single occupancy vehicles by 25%. TJCOG is requesting 100% in state funds to perform the administrative functions which include managing technical oversight and partnership committees, finalizing and managing administrative contract arrangement, developing and implementing application and allocation process for target area basic funding, developing and implementing application and allocation process for Competitive Call for Special Projects funding, developing and implementing quarterly and annual reporting process, and professional development of staff for TDM implementation and evaluation.</p>	<p><b>Operating</b>                      \$123,000 Total                      \$0 Federal                      \$123,000 State                      \$0 Local</p>
& 7	<p><b>17-RS-901A Triangle J Council of Governments (TJCOG)</b> is requesting funds to support the TDM Programs at North Carolina State University (NCSU), the University of North Carolina at Chapel Hill (UNC), the Durham and Wake Counties Research and Production Service District (SmartCommute@rtp), the Town of Chapel Hill/Carrboro, The City of Raleigh, Triangle Transit (which provides TDM programming for Durham and Wake Counties, and includes the Fortify initiative), Duke University, and Wake Technical Community College. Additionally, funds will support the Triangle J Best Places for Commuters program.</p>	<p><b>Operating</b>                      \$1,008,000 Total                      \$0 Federal                      \$504,000 State                      \$504,000 Local</p>
7	<p><b>17-RS-120 Piedmont Authority for Regional Transportation (PART)</b> will use TDM funds to support a wide range of mobility options and benefits for commuters and employers within Alamance, Davie, Davidson, Forsyth, Guilford, Randolph,</p>	<p><b>Capital</b>                      \$492,000 Total                      \$0 Federal                      \$246,000 State</p>

Rockingham, Stokes, Surry and Yadkin counties. The overall goal of the TDM Program is to reduce the number of Vehicle Miles Traveled (VMT) in a single occupancy vehicle. This is done through a variety of activities including the Regional Call Center, employer outreach and support, vanpool leasing, carpool matching, travel training, guaranteed emergency ride home, Best Workplace for Commuters and the Triad Commute Challenge.

\$246,000 Local

10 **17-RS-102 City of Charlotte** has developed a comprehensive TDM program that will continue to show public transit, vanpool, carpool, biking, walking, and telecommuting as viable alternative forms for transportation to commuting alone. The requested funds will be used to focus on educating the public about specific aspects of TDM that improve their lives, including environmental benefits and safety. Funds will also be used to work with businesses to offer transit benefits, increase membership in the Best Workplace for Commuter designation, as well as increase utilization of transit to the area universities and schools.

**Capital**  
 \$252,000 Total  
 \$0 Federal  
 \$126,000 State  
 \$126,000 Local

13 **17-RS-932 Land of Sky Regional Council of Governments** will use funds to create a part-time (50%) position to re-establish and manage the Region's TDM program. The program will focus on 1) Variety of Services- tailored to the travel needs and preferences of travelers in the region; 2) Marketing – establish a brand and keep that brand fresh in the minds of commuters, employers, and business groups; 3) Partnerships – engagement with individuals and the business sector on a day-to-day basis, in an ongoing relationship.

**Operating**  
 \$90,000 Total  
 \$0 Federal  
 \$45,000 State  
 \$45,000 Local

**Amendment to Advanced Technology Grants - State Funded**

3 **16-AT-001 - Cape Fear Public Transportation Authority** request for State Advanced Technology Funds to purchase software and licensing for one of the two vendors for an interface system between the farebox collection system and the AVL system for all fixed route vehicles. This amendment adds an additional \$27,053 in State Advanced Technology Grant Funds to the project amount approved for FY 2016. The interface will provide ridership counts at specific stops and demographics at each boarding location. The period of performance will be from July 1, 2015 to June 30, 2016.

**Capital**  
 \$30,059 Total  
 \$0 Federal  
 \$27,053 State  
 \$3,006 Local

**Item I - 1 Summary, 7 Projects, Total Federal /State funds \$1,131,053**

**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)
TT-5207	CARTS	Purchase of Camera System	FUZ	5307		25				
			Local	L		7				
TP-5117	CARTS	TDP	FUZ	5307		96				
			Local	L		24				

TQ-9034	City of Asheville	5310 Traditional Projects	FEPD	5310	183					
			Local	L	46					
TQ-7004	City of Asheville	5310 Administrative Oversight	FEPD	5310	33					
TQ-6951	City of Asheville	5310 Other Projects	FEPD	5310	109					
			Local	L	109					
TH-2000	North Carolina Department of Transportation	Traveler's Aid Program	TAP	S				63		
			Local	L				63		
TO-5212	North Carolina Department of Transportation	Operating Funding for Alamance County Transportation	FUZ	5307	321					
			Local	L	321					

**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)
TA-5165	CARTS	Replace 5311 Rural Vehicles with 5307 Vehicles for use in the Urban Area	FUZ	5307	166		110	110	136	
			Local	L	29		20	20	24	
TG-5257	CARTS	ADA/Paratransit	FUZ	5307	48	79	79	79	79	
			Local	L	12	20	20	20	20	
TC-5100	CARTS	Mobility Management	FUZ	5307	24	24	24	24	24	
			Local	L	6	6	6	6	6	
TG-5231	CARTS	Associated Capital	FUZ	5307	10	10	10	10	10	
			Local	L	3	3	3	3	3	
TG-5256	CARTS	Preventative Maintenance	FUZ	5307	36	38	38	38	38	
			Local	L	9	10	10	10	10	
TO-5204	CARTS	Operating Assistance	FUZ	5307	172	152	152	152	152	
			Local	L	172	152	152	152	152	
TP-5122	CARTS	Short Range Planning	FUZ	5307	8	8	8	8	8	
			Local	L	2	2	2	2	2	
TT-5206	CARTS	Lease of Tablets	FUZ	5307	10	10	10	10	10	
			Local	L	2	2	2	2	2	

**ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TA-4990A	Fayetteville Area System of Transit	One Expansion Bus	FBUS	5339	391					
			State	S	35			187		
			Local	L	35					187
								18		18
TI-6109	North Carolina Department of Transportation	Intercity Bus Service	FNU	5311		4,522		21		20
			State	S		1,004				
			Local	Fares		3,517				



TA-5176	Burlington/ Gibsonville Fixed Route System	Purchase 7 LTV's for Link Transit System (Burlington)	FUZ	5307	853					
			Local	L	213					
TG-5258	Burlington/ Gibsonville Fixed Route System	Routine Capital for Start Up support, equipment and pedestrian projects	FUZ	5307	1,878					
			Local	L	469					
TA-5193	GoTriangle	Purchase One Replacement Vehicle	FUZ	5307		380				
			Local	L		95				

**Item I-1A, 20 Projects, Total Federal/State funds \$21,070,000**

**Approval – Rail Program**

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

- |   |  |                  |
|---|--|------------------|
| <p>Division 1<br/>Washington<br/>County</p> | <p>The Rail Division requests reallocation of Freight Rail &amp; Rail Crossing Safety Improvement (FRRCSI) funds from the previously awarded Ham Produce project that is no longer being pursued, due to lack of industry commitment, approved by the Board of Transportation in May 2014, to a 2,000 foot siding to serve Quality Mats located on CLNA at MP NS Main 151.1 in Plymouth. The new track is needed to accommodate up to 400 carloads per year that will utilize rail access rather than highways. CLNA is responsible for the remaining project costs not covered by the Department. The Department shall participate in 50% of the actual project costs not to exceed \$175,000.</p>  | <p>\$175,000</p> |
| <p>Division 7<br/>Orange County</p>         | <p>The Rail Division requests Board approval of additional Freight Rail &amp; Rail Crossing Safety Improvement (FRRCSI) funds for the closure of Gordon Thomas Drive (Crossing No. 735 199Y, MP H 48.49); Greenbriar Drive (Crossing No. 735 197K, MP H 47.74); Byrdsville Drive (Crossing No. 735 189T, MP H 43.89) and Partins Trailer Park (Crossing No. 735 160V, MP H 41.82) near Hillsborough, due to the increased costs for the construction of alternate access. The department will be responsible for the design and construction of the project. NS will be responsible for the construction of the project within their operating right-of-way. The total estimated additional cost to the Department is \$200,000. The total estimated cost of the project has been revised from \$1,100,000 to \$1,300,000.</p> | <p>\$200,000</p> |
| <p>Division 8<br/>Lee County</p>            | <p>The Rail Division requests Board approval of Freight Rail &amp; Rail Crossing Safety Improvement (FRRCSI) funds for improving an at-grade railroad crossing by installing an asphalt rail seal surface to replace the existing surface on the Atlantic &amp; Western Railway (ATW). The crossing to be improved is 721 049A (SR 1403 Cotton Road). ATW will provide the necessary labor to install the materials. The total estimated cost to the Rail Division is \$17,000.</p>  | <p>\$17,000</p>  |

Division 8 Lee County	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for improving an at-grade railroad crossing by installing a concrete surface to replace the existing surface on the Atlantic & Western Railway (ATW). The crossing to be improved is 721 056K (SR 1560 Weatherspoon Road). ATW will provide the necessary labor to install the materials. The total estimated cost to the Rail Division is \$68,000.	\$68,000
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Division 14 Swain County	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for improving an at-grade railroad crossing by installing a concrete surface to replace the existing surface on the Great Smoky Mountain Railway (GSMR). The crossing to be improved is 720 196J (SR 1364 Everett Street). GSMR will provide the necessary labor to install the materials. The total estimated cost to the Rail Division is \$190,000.	\$190,000
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**ITEM I-2 SUMMARY – 5 PROJECTS – (TOTAL FEDERAL AND STATE) \$650,000**

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

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mecklenburg Co. Div. 10 R-2555 DIVISION	WBS 34462.1.1 SR 5544 from NC 73 (Sam Furr Road) to East of SR 2195 (Torrence Chapel Road). \$1,354,473.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$140,000.00
Alleghany Co. Div. 11 R-4060 DIVISION	WBS 34605.1.2 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. \$1,119,771.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$150,000.00

<b>ITEM J SUMMARY</b>	<b>2 PROJECT</b>	<b>\$290,000.00</b>
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## Approval of State Highway Trust Funds - Strategic Transportation Investments

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 U-5875 DIVISION	WBS 44677.1.1 SR 1203 (Allen Street) from SR 1467 (Stantonsburg Road) to US 13 (Dickinson Avenue Extension). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Onslow Co. Div. 3 U-5719 STATEWIDE	WBS 50117.2.1 US 258 (Richlands Highway) at SR 1219 (Blue Creek Road)/ SR 1396 (Ridge Road). Initial funds are requested for full right of way and utilities.	\$1,420,450.00
Durham Co. Div. 5 U-5745 REGIONAL	WBS 50166.1.1 NC 751 (Hope Valley Road) at SR 1183 (University Drive) intersection in Durham. \$100,500.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00
Fayetteville/ Cumberland Co. Div. 6 U-2519BA REGIONAL	WBS 34817.2.16 Fayetteville Outer Loop from south of SR 1003 (Camden Road) to south of SR 1104 (Strickland Bridge Road). Funds need to decreased (\$800,000.00). WBS will be closed.	-\$800,000.00
Robeson Co. Div. 6 R-5754 DIVISION	WBS 46414.3.1 NC 20 from NC 71 to I-95. Initial funds are requested for construction.	\$2,000,000.00
Alamance Co. Div. 7 U-5538B DIVISION	WBS 44113.1.D2 Access road from SR 1981 (Trollingwood - Hawfields Road) to industrial site. \$50,000.00 has previously been approved for preliminary engineering. Funds need to decreased (\$22,712.70). <b>This is an economic development project.</b> WBS will be closed.	-\$22,712.70
Clemmons/ Forsyth Co. Div. 9 U-2707 DIVISION	WBS 34845.3.3 SR 3000 (Idols Road) From SR 2999 (Hampton Road) to US 158 in Clemmons. Initial funds are requested for construction based on the estimate from the 12-Month Tentative Letting List published February 4, 2016.	\$12,400,000.00
Cabarrus Co. Div. 10 U-4910A DIVISION	WBS 40373.2.D1 SR 1445 (Derita Road) from SR 2894 (Concord Mills Boulevard) to Aviation Boulevard. \$810,000.00 has previously been approved for right of way and utilities. Additional funds are requested.	\$500,000.00

Mecklenburg Co. Div. 10 U-5108 DIVISION	WBS 42370.1.1 Northcross Drive Extension from end of Northcross Drive to Westmoreland Road in Cornelius. Initial funds are requested for preliminary engineering. <b>This is a Strategic Transportation Investments Transition project.</b>	\$500,000.00
Union Co. Div. 10 R-3329 STATEWIDE	WBS 34533.1.2 US 74 Bypass from I-485 (Charlotte Outer Loop) to US 74 (Monroe Bypass). Funds are requested for activities related to Transportation Infrastructure Finance & Innovation Act (TIFIA) fees. <b>This is a Strategic Transportation Investments Transition project.</b>	\$1,000,000.00
Caldwell Co. Div. 11 R-5745 DIVISION	WBS 50200.1.1 Intersection of US 64/NC90/NC 18 (Wilkesboro Boulevard) and US 64/NC 90 (Taylorsville Road). Construct intersection improvements. \$50,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$160,000.00
Cleveland Co. Div. 12 R-2707F STATEWIDE	WBS 34497.1.6 US 74 Shelby Bypass from east of SR 1318 (Kimbrell Road) to east of NC 226. Initial funds are requested for preliminary engineering.	\$792,000.00
Transylvania Co. Div. 14 R-5605 DIVISION	WBS 43587.1.1 Davidson River Village Connector from US 64/US 276 to US 64, City of Brevard. \$5,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$130,000.00
Statewide Div. 15 M-0360 SW/REG/DIV	WBS 36824.1.2 Design Services, statewide, preliminary engineering for miscellaneous projects. Initial funds are requested for annual funding for SFY 2016.	\$1,000,000.00
Statewide Div. 15 M-0376 SW/REG/DIV	WBS 39406.1.3 Geotechnical investigations, studies and preliminary engineering for miscellaneous projects, statewide. Initial funds are requested for annual funding for SFY 2016.	\$900,000.00
Statewide Div. 15 M-0391 SW/REG/DIV	WBS 40289.1.2 Structure design and preliminary engineering for miscellaneous projects. Initial funds are requested for annual funding for SFY 2016.	\$300,000.00
Statewide Div. 15 M-0392 SW/REG/DIV	WBS 40290.1.2 Hydraulics and preliminary engineering for miscellaneous projects. Initial funds are requested for annual funding for SFY 2016.	\$160,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	3 PROJECTS	\$3,212,450.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	-\$600,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	8 PROJECTS	\$16,667,287.30
STATEWIDE/REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	4 PROJECTS	\$2,360,000.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>17 PROJECTS</b>	<b>\$21,639,737.30</b>

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

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

Board Member Lennon noted a conflict of interest on project U-4751 in New Hanover County.

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.2.1 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$45,650,000.00 has previously been approved for acquisition of specific parcels. Additional funds are requested.	\$3,000,000.00
Sampson Co. Div. 3 R-2303B STATEWIDE	WBS 34416.3.4 NC 24 from west of SR 1006 (Maxwell Road/Clinton Road) in Cumberland County to I-40 in Duplin County at Warsaw. \$1,395,938.00 has previously been approved for construction. Additional funds are requested to cover the expenditures that have exceeded the previously authorized budget. <b>This is a Strategic Transportation Investments Transition project.</b> WBS will be closed.	\$154,922.02
<b>TRUST FUND INTRASTATE SUMMARY</b>	<b>2 PROJECTS</b>	<b>\$3,154,922.02</b>

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Brunswick/ New Hanover Cos. Div. 3 R-2633B STATEWIDE	WBS 34491.2.3 US 17 (Wilmington Bypass) from US 74-76 east of Malmo in Brunswick County to US 421 north of Wilmington in New Hanover County. \$27,800,000.00 has previously been approved for right of way and utilities. Additional funds are requested. <b>This is a Strategic Transportation Investments Transition project.</b>	\$3,500,000.00
<b>TRUST FUND URBAN LOOP</b>	<b>1 PROJECT</b>	<b>\$3,500,000.00</b>
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>17 PROJECTS</b>	<b>\$21,639,737.30</b>
<b>TRUST FUND INTRASTATE SUMMARY</b>	<b>2 PROJECTS</b>	<b>\$3,154,922.02</b>
<b>TRUST FUND URBAN LOOP</b>	<b>1 PROJECT</b>	<b>\$3,500,000.00</b>
<b>SUMMARY OF FUNDS</b>	<b>20 PROJECTS</b>	<b>\$28,294,659.32</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 Fearing, seconded by Board Member Brown, to approve the following:

Board Member Curran noted a conflict of interest on project C-5541 in Mecklenburg County.

**Division 1  
Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Bertie Co. B-5106 DIVISION	42243.3.1, BRSTP-1200(007) Replace Bridge #148 over Wahton Creek on SR 1200. Construction funds are needed for bridge replacement.	\$550,000.00 Cost \$440,000.00 Fed. \$110,000.00 State

**Safety**

Washington Co. SS-4901AV DIVISION	44742.1.1, HSIP-1126(006) SR 1126 (Newland Road) at SR 1180 (B Canal Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
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**Division 2  
Safety**

Craven Co.	50138.3.105, HSIP-0070(195)	\$23,100.00 Cost
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W-5601CZ STATEWIDE	US 70 at SR 1922 (Taberna Way / Commercial Drive). Construction funds are needed for safety improvements.	\$20,790.00 Fed. \$2,310.00 State
Greene Co. W-5601FR REGIONAL	50138.1.175, HSIP-0123(004) NC 123 at SR 1400 (Fourway Road / Ormondsville Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Jones Co. W-5601EU STATEWIDE	50138.1.152, HSIP-0017(157) US 17 guardrail end unit upgrades. Funds are needed for preliminary engineering.	\$7,500.00 Cost \$6,750.00 Fed. \$750.00 State
Lenoir Co. W-5601ES STATEWIDE	50138.1.150, HSIP-0011(034) NC 11 guardrail end unit upgrades. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Pitt Co. SS-4902CD DIVISION	44743.1.1, HSIP-1523(009) SR 1523 (Whichard Road) at SR 1529 (Old Creek Road). Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
Pitt Co. SS-4902CE REGIONAL	44746.1.1, HSIP-0013(049) US 13 / NC 11 between SR 1512 (Hollowell Road) in Pitt County and US 64 in Edgecombe County, and NC 11 between US 64 and 0.25 mile north of US 64. Funds are needed for preliminary engineering.	\$500.00 Cost \$450.00 Fed. \$50.00 State
Pitt Co. W-5601ET STATEWIDE	50138.1.151, HSIP-0011(035) NC 11, US 13 / NC 11 - 903, guardrail end unit upgrades. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
<b>Division 3 Safety</b>		
New Hanover Co. SS-4903CI DIVISION	44744.1.1, HSIP-1336(009) SR 1336 (Sidbury Road) and SR 1318 (Blue Clay Road). Funds are needed for preliminary engineering.	\$500.00 Cost \$450.00 Fed. \$50.00 State
New Hanover Co. W-5601CK STATEWIDE	50138.3.90, HSIP-0074(179) US 74 / 76 Wrightsville Beach Drawbridge #12 crossing Intercoastal Waterway. Construction funds are needed for safety improvements.	\$193,400.00 Cost \$174,060.00 Fed. \$19,340.00 State
Onslow Co. SS-4903CJ DIVISION	44745.1.1, HSIP-1324(010) SR 1324 (Ramsey Road) and SR 1327 (Kellum Loop Road). Funds are needed for preliminary engineering.	\$500.00 Cost \$450.00 Fed. \$50.00 State
Onslow Co. SS-4903CK DIVISION	44747.1.1, HSIP-1203(004) SR 1203 (Ben Williams Road) between SR 1204 (Davis Road / Murrill Brown Road) and SR 1213 (Blue Creek Road). Funds are needed for preliminary engineering.	\$8,000.00 Cost \$7,200.00 Fed. \$800.00 State
Brunswick Co. R-4436CF DIVISION	34625.2.55, STP-1172(007) SR 1172 (Sunset Boulevard). Funds are needed for construction of a filtration basin to improve water quality.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 State

Onslow Co. R-5023B REGIONAL	41922.2.2, STP-0053(009) NC 53 (Burgaw Highway) from SR 1116 (Onslow Pines Road) to SR 1105 (Haws Run Road); (Combined with R-5023C: NC 53 from SR 1105 (Haws Run Road) to west of SR 1109 (Holly Shelter Road)); (Combined with SF-4903F: NC 53 and realign SR 1109 (Holly Shelter Road)). Funds are needed for full right of way and utilities.	\$425,000.00 Cost \$340,000.00 Fed. \$85,000.00 State
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**Division 4  
Bridge**

Wayne Co. B-4839 DIVISION	38609.1.FD1, BRZ-1006(026) Replace Bridge #96 over Thoroughfare Swamp on SR 1006. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 State
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Wayne Co. B-4844 DIVISION	38614.1.FD2, BRZ-1958(005) Replace Bridge #117 over the Northeast Cape Fear River on SR 1958 and SR 1502. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 State
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**Safety**

Johnston Co. W-5204D DIVISION	45334.1.4, HSIP-0210(030) NC 210 from SR 1309 (Old Fairground Road) to NC 50 and NC 210 west of I-40 Eastbound Ramps. \$85,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$65,000.00 Cost \$58,500.00 Fed. \$6,500.00 State
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Johnston Co. W-5204D DIVISION	45334.2.4, HSIP-0210(030) NC 210 from SR 1309 (Old Fairground Road) to NC 50 and NC 210 west of I-40 Eastbound Ramps. Funds are needed for full right of way and utilities.	\$255,000.00 Cost \$229,500.00 Fed. \$25,500.00 State
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Johnston Co. W-5601BW REGIONAL	50138.2.76, HSIP-0042(063) NC 42 at SR 1525 (Cornwallis Road). Funds are needed for full right of way and utilities.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
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Johnston Co. W-5601BX REGIONAL	50138.3.77, HSIP-0210(035) NC 210 at SR 1162 (Black Creek Road). Construction funds are needed for safety improvements.	\$112,000.00 Cost \$100,800.00 Fed. \$11,200.00 State
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Wayne Co. SS-4904DQ STATEWIDE	44748.1.1, HSIP-0013(050) US 13 / 70 westbound shoulder west of SR 1565 (Cuyler Best Road / Spence Avenue) and eastbound shoulder east of US 70 Business (Grantham Street). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Wayne Co. SS-4904DR REGIONAL	44749.1.1, HSIP-0111(023) NC 111 between the Duplin County Line and SR 1710 (Old Highway 111). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Wayne Co.	45472.2.FD1, HSIP-1556(006)	\$1,427,520.00	Cost
W-5500	SR 1556 (Wayne Memorial Drive) from SR 1622 (Woodside Drive) to	\$1,284,768.00	Fed.
DIVISION	SR 1752 (Saulston-Patetown Road). Funds are needed for full right of way and utilities.	\$142,752.00	State

**Division 5  
Interstate**

Wake Co.	43608.1.1, NHPP-040-7(154)284	\$1,300,000.00	Cost
I-5506	I-40 and SR 1002 (Aviation Parkway) interchange.	\$1,040,000.00	Fed.
STATEWIDE	\$310,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$260,000.00	State

**Congestion Mitigation**

Louisburg/ Franklin Co.	51041.1.1, CMS-0514(004)	\$6,130.00	Cost
C-5527	SR 1229 (South Main Street) from the existing sidewalk to	\$4,904.00	Fed.
EXEMPT	NC 56 West. \$30,309.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,226.00	Local

Cary/ Wake Co.	46230.2.F1, CMS-0503(018)	\$1,175,000.00	Cost
C-5165	SR 3112 (Cary Parkway) and SR 1615 (High House Road),	\$940,000.00	Fed.
EXEMPT	construct a single quadrant intersection. Funds are needed for full right of way and utilities.	\$235,000.00	Local

Wake Co.	46235.3.F1, CMS-0520(035)	-\$376,183.00	Cost
C-5170	Bicycle Lanes within City of Raleigh. \$892,562.00 has previously	-\$300,946.00	Fed.
EXEMPT	been approved for construction. Funds need to be decreased \$300,946.00 to reflect the latest estimated cost.	-\$75,237.00	Local

Wake Co.	45497.3.F1, CMS-040-4(153) 295	\$376,183.00	Cost
C-5504	I-40 Pedestrian Improvement Project at Buck Jones Road,	\$300,946.00	Fed.
EXEMPT	SR 1321 (Avent Ferry Road) and SR 2542 (Rock Quarry Road) overpasses of I-40. \$1,623,532.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$75,237.00	Local

**Urban**

Wake Co.	42379.2.30, STPDA-0501(035)	\$89,000.00	Cost
U-5118AE	NC 55 and Olive Chapel Road at Apex Peakway Intersections.	\$71,200.00	Fed.
REGIONAL	Funds are needed for full right of way.	\$17,800.00	Local

**Bridge**

Granville Co.	42332.3.FD1, BRZ-1304(010)	\$975,000.00	Cost
B-5157	Replace Bridge #178 over Fox Creek on SR 1304. Funds are	\$780,000.00	Fed.
DIVISION	needed for construction based on the estimate from the 12-Month Tentative Letting List published February 4, 2016.	\$195,000.00	State

Person Co.	42237.2.2, BRSTP-0158(037)	\$250,000.00	Cost
B-5102	Bridge #11 over South Hyco Creek on US 158. \$67,000.00 has	\$200,000.00	Fed.
STATEWIDE	previously been approved for utilities. Additional funds are needed based on the latest estimate.	\$50,000.00	State

### Safety

Granville Co. W-5601FA REGIONAL	50138.1.158, HSIP-0015(052) US 15 (Durham Avenue) at SR 1639 (N. Main Street). Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,250.00 Fed. \$250.00 State
Person Co. W-5601FD REGIONAL	50138.1.161, HSIP-0158(063) US 158 at US 501. Funds are needed for preliminary engineering.	\$28,000.00 Cost \$25,200.00 Fed. \$2,800.00 State
Vance Co. W-5515 DIVISION	44101.3.1, HSIP-1518(005) SR 1518 (Stewart Farm Road) in Henderson City Limit to SR 1515 (South Cokesbury Road). Funds are needed for construction for widening project.	\$1,350,000.00 Cost \$1,215,000.00 Fed. \$135,000.00 State
Wake Co. SS-4905DH STATEWIDE	44750.1.1, HSIP-0001(149) US 1 at NC 98 southbound ramp. Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,250.00 Fed. \$250.00 State
Wake Co. SS-4905DI REGIONAL	44751.1.1, HSIP-0054(025) NC 54 at SR 1002 (Aviation Parkway) / SR 3014 (Morrisville Carpenter Road). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Wake Co. SS-4905DJ REGIONAL	44752.1.1, HSIP-0401(274) US 401 at Valley Stream Drive / Dansey Drive. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. W-5601AX DIVISION	50138.3.51, HSIP-3977(001) SR 3977 (Cary Parkway) at West Chatham Street. Funds are needed for construction for signal installation.	\$140,000.00 Cost \$126,000.00 Fed. \$14,000.00 State
Wake Co. W-5601EW REGIONAL	50138.1.154, HSIP-0050(017) NC 50 (Benson Road) at SR 3718 (Turner Farm Road / Wakefield Lane). Funds are needed for preliminary engineering.	\$65,000.00 Cost \$58,500.00 Fed. \$6,500.00 State
Wake Co. W-5601EX REGIONAL	50138.1.155, HSIP-0042(066) NC 42 from SR 5330 (Field Hill Road) to SR 5367 (Winterton Drive). Funds are needed for preliminary engineering.	\$135,000.00 Cost \$121,500.00 Fed. \$13,500.00 State
Wake Co. W-5601EY REGIONAL	50138.1.156, HSIP-0042(067) NC 42 at SR 2727 (Sauls Road). Funds are needed for preliminary engineering.	\$80,000.00 Cost \$72,000.00 Fed. \$8,000.00 State
Wake Co. W-5601EZ DIVISION	50138.1.157, HSIP-3015(001) SR 3015 (Airport Blvd.) at SR 1641 (Slater Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. W-5601FB DIVISION	50138.1.159, HSIP-1009(022) SR 1009 (Tryon Road) at SR 1427 (Lake Dam Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. W-5601FC	50138.1.160, HSIP-1657(003) SR 1657 (Nowell Road) at SR 5808 (Hillsborough Street). Funds are	\$12,000.00 Cost \$10,800.00 Fed.

DIVISION	needed for preliminary engineering.	\$1,200.00	State
Wake Co. W-5601FE DIVISION	50138.1.162, HSIP-1670(002) SR 1670 (Blue Ridge Road) at Crabtree Valley Avenue. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Wake Co. W-5601FF DIVISION	50138.1.163, HSIP-2044(005) SR 2044 (Ligon Mill Road) near SR 3564 (Greenville Loop Road) and Falconhurst Drive. Funds are needed for preliminary engineering.	\$94,000.00 \$84,600.00 \$9,400.00	Cost Fed. State
Wake Co. W-5601FG DIVISION	50138.1.164, HSIP-2012(002) SR 2012 (Litchford Road) and Coxindale Drive in Raleigh. Funds are needed for preliminary engineering.	\$4,500.00 \$4,050.00 \$450.00	Cost Fed. State

### Municipal Bridge

Wake Co. M-0414 DIVISION	42080.1.118, BRZ-NBIS(013) Municipal Bridge Inspections - 1 Bridge within the municipality of Fuquay-Varina. Funds are needed for preliminary engineering.	\$2,650.00 \$2,120.00 \$530.00	Cost Fed. Local
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### Rural

Wake Co. R-4436EI STATEWIDE	34625.2.56, STPNHP-0540(034) I-540 and SR 2000 (Falls of Neuse Road). Funds are needed for construction of two filtration basins to improve water quality.	\$230,000.00 \$207,000.00 \$23,000.00	Cost Fed. State
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### Division 6 National Highway

Fayetteville / Cumberland Co. U-2519BA REGIONAL	34817.2.17, NHF-0100(024) Fayetteville Outer Loop from south of SR 1003 (Camden Road) to south of SR 1104 (Strickland Bridge Road). Funds are needed for utilities.	\$800,000.00 \$640,000.00 \$160,000.00	Cost Fed. State
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### Urban

Cumberland Co. U-3422 DIVISION	39001.1.1, STP-1003(131) SR 1003 (Camden Road) from Fayetteville Outer Loop to NC 59 (Hope Mills Road). Funds are needed for preliminary engineering.	\$700,000.00 \$560,000.00 \$140,000.00	Cost Fed. State
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### Safety

Bladen Co. W-5601ER REGIONAL	50138.1.149, HSIP-0211(039) NC 211 at NC 242. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Columbus Co. W-5601EV STATEWIDE	50138.1.153, HSIP-0074(186) US 74 from SR 1824 (Water Tank Road) to just east of the Brunswick Co. Line. Funds are needed for preliminary engineering.	\$350,000.00 \$315,000.00 \$35,000.00	Cost Fed. State

Cumberland	44753.1.1, HSIP-0401(275)	\$5,000.00	Cost
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Co. SS-4906CN STATEWIDE	US 401 (Raeford Road) between Wildwood Drive and US 401 (Skibo Road), Funds are needed for preliminary engineering.	\$4,500.00 Fed. \$500.00 State
Cumberland Co. SS-4906CP STATEWIDE	44755.1.1, HSIP-1007(035) SR 1007 (All-American Freeway), 550 feet northwest of Walter Reed Road and Owen Drive. Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
Cumberland Co. W-5601FN DIVISION	50138.1.171, HSIP-1108(019) SR 1108 (Lakewood Drive) at SR 3670 (Middleton Court) and SR 3671 (Lullwater Drive). Funds are needed for preliminary engineering.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
Cumberland Co. W-5601FO DIVISION	50138.1.172, HSIP-1831(005) SR 1831 (Baywood Road) at SR 1832 (Murphy Road). Funds are needed for preliminary engineering.	\$350,000.00 Cost \$315,000.00 Fed. \$35,000.00 State
Robeson Co. SS-4906CO DIVISION	44754.1.1, HSIP-1340(010) Three four-leg intersections: SR 1340 (Prospect Road) at SR 1515 (St. Anna); SR 2204 (Lovette Road) at SR 2207 (Popes Crossing Road); and SR 1713 (Davis Bridge Road) at SR 1710 (Glenn Road). Funds are needed for preliminary engineering.	\$7,000.00 Cost \$6,300.00 Fed. \$700.00 State

**Division 7  
Surface Transportation**

Caswell Co. R-5767 REGIONAL	44669.1.1, STP-0086(019) NC 86 from SR 1503 (Walter's Mill Road). Funds are needed for preliminary engineering.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
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**Congestion Mitigation**

Guilford Co. C-5558 EXEMPT	55063.3.F1, CMS-0710(029) City of High Point Signal System. \$8,300,000.00 has previously been approved for construction. Funds need to be decreased (\$135,630.00) to reflect the low bid received on October 20, 2015.	-\$135,630.00 Cost -\$108,504.00 Fed. -\$27,126.00 State
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**Enhancement**

Orange Co. ER-5600GB REGIONAL	46305.3.17, STP-0501(040) US 501 and Old Mason Farm Road in Chapel Hill. Funds are needed for construction to replace a timber fence.	\$25,000.00 Cost \$20,000.00 Fed. \$5,000.00 State
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**Urban**

Guilford Co. U-2412 DIVISION	34802.1.1, STP-41421(001) SR 4121 (Greensboro/High Point Road) from Hilltop Road to the proposed US 311 Bypass. \$6,207,020.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
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### Safety

Alamance Co. SS-4907BQ DIVISION	44757.1.1, HSIP-1005(040) SR 1005 (Greensboro-Chapel Hill Road) at SR 2369 (Sylvan School Road) and SR 2371 (Pleasant Hill Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Guilford Co. SS-4907BP REGIONAL	44756.1.1, HSIP-0150(041) NC 150 at SR 2819 (McLeansville Road) / US 29 on ramp. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

### Rail Program

Alamance Co. Z-5400GO DIVISION	43600.3.52, RR-1962(002) Railway-Highway Grade Safety Project at SR 1962 / Fourth Street / NC 119, SR 1962 (Third Street) at Washington Street near RR Crossing #735 469V, Fourth Street at Washington Street near RR Crossing #735 471W and NC 119 (Fifth Street) at US 70 (Center Street) near RR Crossing #735 472D. \$221,000.00 has previously been approved for construction. Additional construction funds are needed for safety improvements.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
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### Rural

Alamance Co. R-4436GH STATEWIDE	34625.2.57, STP-0040(039) Interchange of I-40 and NC 49 in Alamance County. Funds are needed for construction of one filtration basin to improve water quality.	\$230,000.00 Cost \$184,000.00 Fed. \$46,000.00 State
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### Division 8 Urban

Lee Co. R-3830 DIVISION	38887.1.1, STP-0042(049) NC 42 from US 421 to SR 1579 (Main Street) in Sanford and along SR 1579 from NC 42 to SR 1538 (Buckhorn Avenue) in Broadway. \$920,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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### Bridge

Montgomery Co. B-4780 DIVISION	38551.3.FD1, BRZ-1111(008) Replace Bridge # 22 over Richland Creek on SR 1111 (Lilly's Bridge Road). \$525,000.00 has previously been approved for construction. Funds need to be increased \$159,144.00 to reflect the low bid received on October 20, 2015.	\$159,144.00 Cost \$127,315.00 Fed. \$31,829.00 State
Randolph Co. B-4795 DIVISION	38565.1.FD1, BRZ-1112(009) Replace Bridge #25 over a creek on SR 1112. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$30,000.00 Cost \$24,000.00 Fed. \$6,000.00 State

### Safety

Moore Co.	50138.1.165, HSIP-0005(803)	\$28,000.00 Cost
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W-5601FH REGIONAL	NC 5 from SR 1103 (Sand Pit Road) to just past Habitat for Humanity. Funds are needed for preliminary engineering.	\$25,200.00 Fed. \$2,800.00 State
Moore Co. W-5601FI REGIONAL	50138.1.166, HSIP-0005(804) NC 5 at SR 1115 (Linden Road). Funds are needed for preliminary engineering.	\$14,000.00 Cost \$12,600.00 Fed. \$1,400.00 State
Randolph Co. W-5601AZ DIVISION	50138.3.53, HSIP-1707(001) SR 1707 (Church Street) from SR 1453 (Walker Avenue) to SR 1442 (Sunset Avenue). Construction funds are needed for safety improvements.	\$332,000.00 Cost \$298,800.00 Fed. \$33,200.00 State

**Division 9  
Interstate**

Davie Co. I-5794 STATEWIDE	53033.3.1, NHPP-0040(031) I-40 from 2 miles east of SR 1442 (Redland Road) to 1.40 miles east of NC 801. \$1,400,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$350,000.00 Cost \$280,000.00 Fed. \$70,000.00 State
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**Bridge**

Davidson Co. B-3159 REGIONAL	38331.3.FR1, STPNHS-0052(031) Replace Bridge #27 over US 29-64-70 / I-85 Business Loop on US 52 / NC 8. \$12,900,000.00 has previously been approved for construction. Funds need to be decreased (\$1,283,235.00) to reflect the low bid received on October 20, 2015.	-\$1,283,235.00 Cost -\$1,026,588.00 Fed. -\$256,647.00 State
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**Safety**

Davidson Co. SS-4909BO REGIONAL	44758.1.1, HSIP-0109(021) NC 109 at SR 2093 (Ben Lee Road). Funds are needed for preliminary engineering.	\$22,500.00 Cost \$20,250.00 Fed. \$2,250.00 State
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**Division 10  
Interstate**

Mecklenburg Co. I-5747 STATEWIDE	52025.3.1, NHPP-0485(041) I-485 from I-85 to SR 2808 (Camp Stewart Road). Funds are needed for construction for pavement rehabilitation.	\$1,070,000.00 Cost \$856,000.00 Fed. \$214,000.00 State
Mecklenburg Co. I-5748 STATEWIDE	52026.3.1, NHPP-0485(040) I-485 from Idlewild Road to US 74 (combined with I-5871: I-485 from Idlewild Road to NC 51). Funds are needed for construction for pavement rehabilitation.	\$1,255,000.00 Cost \$1,004,000.00 Fed. \$251,000.00 State

**Urban**

Charlotte/ Mecklenburg Co. C-5541 EXEMPT	51011.2.1, CMS-1003(132) Construct a sidewalk on southwest side, Providence Road in Charlotte. Funds are needed for full right of way and utilities.	\$500,000.00 Cost \$350,000.00 Fed. \$150,000.00 Local
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## Safety

Cabarrus Co. SS-4910CF DIVISION	44761.1.1, HSIP-2446(004) SR 2446 (Mt. Olive Road) near SR 2416 (Sansbury Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Mecklenburg Co. SS-4910CE DIVISION	44760.1.1, HSIP-2136(006) SR 2136 (Gilead Road) and Huntersville Square Entrance / Bayshore Plaza Entrance. Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
Mecklenburg Co. W-5601AD DIVISION	50138.3.FD31, HSIP-3128(002) SR 3128 (Lawyers Road) at SR 3135 (Lebanon/Wilson Grove Road) in Mint Hill. Funds are needed for construction for concrete islands and left turn lanes.	\$530,000.00 Cost \$477,000.00 Fed. \$53,000.00 State
Mecklenburg Co. W-5601FK DIVISION	50138.1.168, HSIP-2802(001) SR 2802 (Rocky River Road) through the intersections of SR 2826 (Hood Road) and SR 2827 (Back Creek Church Road). Funds are needed for preliminary engineering.	\$53,000.00 Cost \$47,700.00 Fed. \$5,300.00 State
Mecklenburg Co. W-5601FL STATEWIDE	50138.1.169, HSIP-0077(007) I-77 / US 21 southbound ramp and SR 2047 (Trade Street). Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
Union Co. SS-4910CD REGIONAL	44759.1.1, HSIP-0601(023) US 601 and SR 1004 / 1612 (Lawyers Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Monroe/ Union Co. W-5210L STATEWIDE	45340.3.12, HSIP-0074(157) US 74 between Fowler Secrest Road and NC 200 (Morgan Mill Road). Construction funds are needed for safety improvements.	\$1,608,000.00 Cost \$1,447,200.00 Fed. \$160,800.00 State
Union Co. W-5520 REGIONAL	50092.2.1, HSIP-0074(156) US 74 from Fairview Road to Wesley Chapel Stouts Road in Indian Trail. Funds are needed for full right of way and utilities.	\$645,000.00 Cost \$580,500.00 Fed. \$64,500.00 State
Union Co. W-5601AE REGIONAL	50138.2.32, HSIP-0522(005) NC 522 from South Carolina Line northward to SR 2166 (Trinity Church Road). Funds are needed for full right of way.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

## Division 11 Safety

Ashe Co. SS-4911AK REGIONAL	44763.1.1, HSIP-0221(047) US 221 Business / East Main Street at SR 1664 (Hospital Avenue). Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
Avery Co. SS-4911AM DIVISION	44765.1.1, HSIP-1153(008) SR 1153 near Rabbit Hill Lane. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

Caldwell Co. W-5601EL STATEWIDE	50138.3.143, HSIP-0321(035) US 321 at Hospital Avenue. Funds are needed for construction for safety improvements.	\$29,000.00 Cost \$26,100.00 Fed. \$2,900.00 State
Caldwell Co. W-5601FT STATEWIDE	50138.1.177, HSIP-0064(187) US 64 / NC 18 at SR 1145 (Virginia Street). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Surry Co. W-5601AU REGIONAL	50138.3.48, HSIP-0268(020) NC 268 from US 21 Business (Bridge Street) to SR 1212 (Morrison Road). Funds are needed for construction for a traffic signal.	\$115,000.00 Cost \$103,500.00 Fed. \$11,500.00 State

**Division 12  
Congestion Mitigation**

Iredell Co. C-5200 EXEMPT	46251.2.1, CMS-1226(017) NC 115 and NC 150 in Mooresville. \$61,600.00 has previously been approved for right of way and utilities. Additional funds are needed based on the latest estimate.	\$58,926.00 Cost \$42,320.00 Fed. \$16,606.00 Local
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**Bridge**

Gaston Co. B-4575 EXEMPT	33779.3.1, BRZ-1202(001) Replace Bridge #165 on Mickley Avenue over the Norfolk Southern Railroad. \$1,936,283.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$234,846.00 Cost \$187,877.00 Fed. \$46,969.00 Local
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**Safety**

Gaston Co. SS-4912BV REGIONAL	44766.1.1, HSIP-0074(187) US 74 at SR 2329 (Main Street / Redbud), and US 74 at SR 2339 (Church / Schlotzky's Deli Drive). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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**Division 13  
Bridge**

Buncombe Co. B-5396 DIVISION	46111.3.FD1, BRZ-1103(024) Replace Bridge #416 over Stony Fork Creek on SR 1103. Funds are needed for construction based on the estimate from the 12- Month Tentative Letting List published February 4, 2016.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
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**Safety**

Buncombe Co. SS-4913CE REGIONAL	44768.1.1, HSIP-0280(011) NC 280 (Airport Road) from SR 3568 to Birch Circle. Funds are needed for preliminary engineering.	\$23,000.00 Cost \$20,700.00 Fed. \$2,300.00 State
Burke Co. W-5601DW STATEWIDE	50138.3.141, HSIP-0040(037) I-40 guardrail improvements. Funds are needed for construction for the installation of guardrail impact attenuators.	\$250,000.00 Cost \$225,000.00 Fed. \$25,000.00 State



McDowell Co. W-5601DX STATEWIDE	50138.3.126, HSIP-0040(036) I-40 Westbound from mile marker 84 to mile marker 83, near Marion. Funds are needed for construction for pavement resurfacing.	\$360,000.00 Cost \$324,000.00 Fed. \$36,000.00 State
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Rutherford Co. SS-4913CD REGIONAL	44767.1.1, HSIP-0074(188) US 74 Alternate (Railroad Avenue) at East 2nd Street. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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**Division 14  
Urban**

Transylvania Co. U-5104 REGIONAL	41902.3.FR1, STP-064B(003) US 64 Business / Caldwell Street from US 64 (Rosman Highway) to SR 1348 (Probart Street). \$2,000,000.00 has previously been approved for construction. Funds need to be increased \$2,437,008.00 to reflect the low bid received on October 20, 2015. <b>This is a Strategic Transportation Investments Transition project.</b>	\$2,437,008.00 Cost \$1,949,606.00 Fed. \$487,402.00 State
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**Bridges**

Transylvania Co. B-5915 DIVISION	48047.1.1, BRZ-1318(021) Replace Bridge # 29 over North Flat Creek on SR 1318 (Old Quebec Road). Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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**Safety**

Haywood Co. SS-4914CM STATEWIDE	44770.1.1, HSIP-0074(189) US 74 Eastbound Loop Ramp onto I-40 Westbound (Exit 27). Funds are needed for preliminary engineering.	\$8,000.00 Cost \$7,200.00 Fed. \$800.00 State
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Haywood Co. W-5601DT REGIONAL	50138.3.133, HSIP-0040(038) I-40, US 74, US 19-23, US 23 Business, US 19 in Haywood County; US 74, US 23 Business, NC 107 in Jackson County; US 74, NC 28 in Swain County. Construction funds are needed for guardrail improvements.	\$250,000.00 Cost \$225,000.00 Fed. \$25,000.00 State
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Henderson Co. W-5601FP STATEWIDE/R EGIONAL	50138.1.173, HSIP-0026(009) I-26 / US 74 / US 64 / US 25 and NC 280 in Henderson and Polk Counties. Funds are needed for preliminary engineering.	\$500.00 Cost \$450.00 Fed. \$50.00 State
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Jackson Co. SS-4914CN DIVISION	44771.1.1, HSIP-1359(005) SR 1359 (River Road) from US 23-441 to NC 116. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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Transylvania Co. SS-4914CL DIVISION	44769.1.1, HSIP-1207(010) SR 1207 (Barclay Road) from US 276 to SR 1113 (S. Country Club Road). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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Transylvania Co. W-5601FM DIVISION	50138.1.170, HSIP-1540(006) SR 1540 (Wilson Road) near SR 1504, near Brevard. Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
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**Statewide**

**Rural**

Statewide	34625.2.54, STP-0540(036)	\$330,000.00	Cost
R-4436EH	I-540 and Six Forks Road. Funds are needed for construction for	\$264,000.00	Fed.
STATEWIDE	stormwater retrofits.	\$66,000.00	State

**ITEM M SUMMARY - 110 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$23,344,228.00**

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

**HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 4**

U-3471	SR 1606 (Black Creek Road),	Right-of-Way FY23	\$2,911,000 (T)
WILSON	US 264 Bypass to US 301/264	Utilities FY23	\$349,000 (T)
<b>Proj. Category</b>	Alternate (Ward Boulevard).	Construction FY25	<u>\$13,600,000 (T)</u>
DIVISION	Widen to multi-lanes.		\$16,860,000

**New project programmed  
due to additional revenue  
(HB 97)**

U-5922	East Railroad Street, Tobacco	Right-of-Way FY23	\$45,000 (T)
WILSON	Street to Rock Quarry Road.	Utilities FY23	\$5,000 (T)
<b>Proj. Category</b>	Extend road on new location.	Construction FY25	<u>\$2,363,000 (T)</u>
DIVISION	<b><u>New project programmed</u></b>		\$2,413,000

**due to additional revenue  
(HB 97)**

**STIP MODIFICATIONS**

**DIVISION 2**

U-5875	SR 1203 (Allen Road),	Right-of-Way FY20	\$1,777,000 (T)
PITT	SR 1467 (Stantonburg Road)	utilities FY20	\$213,000 (T)
<b>Proj. Category</b>	to US 13 (Dickinson Avenue	Construction FY22	\$5,814,000 (T)
DIVISION	Extension).	FY23	\$5,814,000 (T)
Widen to multi-lanes.		FY24	<u>\$5,814,000 (T)</u>

**Accelerate Right-of-Way  
from FY 22 to FY 20 and  
Construction from FY 24 to FY 22.**

**DIVISION 3**

U-5787	SR 2715 (Trade Street),	Right-of-Way FY19	\$1,648,000 (T)
ONSLOW	NC 53 (Western Boulevard)	Utilities FY19	\$198,000 (T)
<b>Proj. Category</b>	to McDaniel Drive in.	Construction FY20	<u>\$1,511,000 (T)</u>
DIVISION	Jacksonville. Construct		\$3,357,000

**Delay Right-of-Way from FY 18  
to FY 19 and Construction from  
FY 20 to FY 21 to allow additional  
time for Planning and Design**

**DIVISION 5**

B-5140	SR 1001 (Pearces Road),	Right-of-Way FY17	\$70,000 (HFB)
WAKE	Replace Bridge 910195	Utilities FY17	\$89,000 (HFB)
<b>Proj. Category</b>	over Mocassin Creek.	Construction FY18	<u>\$850,000 (HFB)</u>
HWY FUNDS			\$1,009,000

**Delay Right-of-Way from FY 16 to FY 17 and Construction from FY 17 to FY 18 to allow additional time to resolve natural habitat survey**

**DIVISION 5**

B-5161	SR 1162 (Apex Barbecue	Right-of-Way FY17	\$925,000 (HFB)
WAKE	Road), Replace Bridge	Utilities FY17	\$145,000 (HFB)
<b>Proj. Category</b>	910362 over Beaver Creek	Construction FY18	<u>\$700,000 (HFB)</u>
HWY FUNDS	in Apex.		\$1,770,000

**Delay Right-of-Way from FY 16 to FY 17 and Construction from FY 17 to FY 18 to allow additional time for Planning and Design.**

EB-4707A	SR 1838 / SR 2220, US 15 /	Construction FY17	\$1,673,000 (STPDA)
DURHAM	US 501 in Orange County to	FY17	<u>\$418,000 (L)</u>
ORANGE	SR 1113 (Pope Road) in		\$2,091,000

**Proj. Category** Durham County  
**TRANSITION** **Delay Construction from FY 16 to FY 17 to allow additional time to complete Right-of-Way phase**

U-5537	SR 1521 (Lake Pine Drive),	Right-of-Way FY16	\$56,000 (STPDA)
WAKE	Widen to 3 lanes - north of	FY16	\$24,000 (L)
<b>Proj. Category</b>	Macgregor Pines Road to	Construction FY17	\$668,000 (STPDA)
DIVISION	north of Versailles Drive. incl.	FY17	<u>\$167,000 (L)</u>
	10 Ft. multiuse path east side;		\$915,000
	5 Ft. sidewalk west side.		

**Delay Construction from FY 16 to FY 17 to allow additional time to complete Right-of-Way phase**

**DIVISION 7**

C-5181	Jones Creek Greenway,	Construction FY17	\$247,000 (CMAQ)
ORANGE	Construct a 100 foot bridge	FY17	\$61,000 (L)
<b>Proj. Category</b>	and 650 foot paved trail in	Implement FY18	\$10,000 (CMAQ)
EXEMPT	Carrboro to fill gap between	FY18	<u>\$2,000 (L)</u>
	the Upper Bolin trail and Twin		\$320,000

Creeks Greenway and implement program to support non-vehicle trips to Morris Grove Elementary school.  
**Delay Construction from FY 16 to FY 17 and implementation from FY 17 to FY 18 at request of Transportation Planning Branch.**

U-5842	Pisgah church Road, north elm	Right-of-Way FY17	\$144,000 (STP)
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GUILFORD	Street in Greensboro.		FY17	\$36,000 (L)
<b>Proj. Category</b>	Intersection improvements.	Construction	FY19	\$600,000 (STP)
DIVISION	<b><u>Delay Construction from FY 18</u></b>		FY19	<u>\$150,000 (L)</u>
	<b><u>to FY 19 to provide additional time to move Utilities</u></b>			\$930,000

**DIVISION 8**

W-5208MA	US 15 / US 501, NC 144	Right-of-Way	FY17	\$300,000 (HSIP)
SCOTLAND	intersection.	Construction	FY17	<u>\$2,500,000 (HSIP)</u>
<b>Proj. Category</b>	Construct roundabout			\$2,800,000
REGIONAL	<b><u>Delay Right-of-Way and Construction from FY 16 to FY 17 at request of Scotland County.</u></b>			

**DIVISION 9**

B-4808	SR 1004 (Stokes Ferry Road),	Right-of-Way	FY17	\$68,000 (HFB)
ROWAN	Replace Bridge 790141 over	Construction	FY18	<u>\$1,600,000 (HFB)</u>
<b>Proj. Category</b>	South Second Creek.			\$1,668,000
HWY FUNDS	<b><u>Delay Right-of-Way from FY 16 to FY 17 and Construction from FY 17 to FY 18 to allow additional time to develop new alternatives, including on-site-detour.</u></b>			

C-4908G	US 70 (Statesville Boulevard),	Right-of-Way	FY16	\$52,000 (CMAQ)
ROWAN	US 601 (Jake Alexander		FY16	\$13,000 (L)
<b>Proj. Category</b>	Boulevard) in Salisbury.	Construction	FY16	\$298,000 (CMAQ)
EXEMPT	Construct sidewalk.		FY16	<u>\$75,000 (L)</u>
	<b><u>Delay Right-of-Way and Construction from FY 15 to FY 16 at request of city and Transportation Planning Branch.</u></b>			\$438,000

**DIVISION 9**

U-4742	Various, intersection	Engineering	FY16	\$180,000 (STPDA)
STOKES	improvement projects in the		FY16	\$45,000 (L)
DAVIDSON	Winston-Salem Urban Area		FY17	\$100,000 (STPDA)
DAVIE	Metropolitan Planning		FY17	\$25,000 (L)
FORSYTH	Organization (WSUAMPO) Area.		FY18	\$100,000 (STPDA)
<b>Proj. Category</b>	<b><u>Adds funds to PE, Right-of-Way, and Construction phases in</u></b>		FY18	\$25,000 (L)
DIVISION	<b><u>FY 16 through FY 21 not previously programmed</u></b>		FY19	\$100,000 (STPDA)
			FY19	\$25,000 (L)
			FY20	\$100,000 (STPDA)
FY20				\$25,000 (L)
FY21				\$100,000 (STPDA)
FY21				\$25,000 (L)
Right-of-Way		FY16		\$360,000 (STPDA)
FY16				\$90,000 (L)
FY17				\$200,000 (STPDA)
FY17				\$50,000 (L)
FY18				\$200,000 (STPDA)

FY18		\$50,000	(L)
FY19		\$200,000	(STPDA)
FY19		\$50,000	(L)
FY20		\$200,000	(STPDA)
FY20		\$50,000	(L)
FY21		\$200,000	(STPDA)
FY21		\$50,000	(L)
Construction	FY16	\$1,260,000	(STPDA)
FY16		\$315,000	(L)
FY17		\$700,000	(STPDA)
FY17		\$175,000	(L)
FY18		\$700,000	(STPDA)
FY18		\$175,000	(L)
FY19		\$700,000	(STPDA)
FY19		\$175,000	(L)
FY20		\$700,000	(STPDA)
FY20		\$175,000	(L)
FY21		\$700,000	(STPDA)
FY21		\$175,000	(L)
		<u>\$8,500,000</u>	

U-5824	NC 66 (Old Hollow Road),	Right-of-Way FY20	\$6,955,000	(T)
FORSYTH	Harley Drive to US 158	Utilities FY20	\$835,000	(T)
<b>Proj. Category</b>	in Walkertown.	Construction FY22	<u>\$8,208,000</u>	(T)
DIVISION	Widen to multilanes.		\$15,998,000	

**Description modified to revise eastern terminus at request of Division.**

**DIVISION 10**

U-5703	US 74 (Roosevelt Boulevard),	Right-of-Way FY17	\$400,000	(T)
UNION	SR 1514 (Rocky River Road)	Construction FY17	<u>\$1,750,000</u>	(T)
<b>Proj. Category</b>	Intersection. reconfigure		\$2,150,000	
STATEWIDE	to superstreet.			

**Accelerate Construction from FY 18 to FY 17. Project can be delivered earlier than anticipated.**

**DIVISION 11**

I-5801	i-77, 1.2 miles north of US 21	Construction FY16	\$1,600,000	(NHPIM)
SURRY	to SR 1131 (Fax Welborn Road).			

**Proj. Category** Pavement rehabilitation.

STATEWIDE **Based on interstate**

**maintenance needs,**

**modify project scope and funding.**

**DIVISION 13**

EB-5547	New route, construct new	Engineering FY16	\$120,000	(STPDA)
BUNCOMBE	multi-use path from existing	FY16	<u>\$30,000</u>	(L)

**Proj. Category** Flat Creek Greenway trailhead \$150,000

DIVISION near State Street and Charlotte

Street to existing Riverside

Greenway near Riverside Park and extension west of NC 9 near existing culvert.

**Funding programmed for Right-of-Way transferred to Preliminary Engineering at the request of the MPO.**

EB-5790	Asheville, On-street crossings	Engineering	FY16	\$96,000 (TAPDA)
BUNCOMBE	and connections for bicyclists		FY16	<u>\$24,000 (L)</u>
<b>Proj. Category</b>	and pedestrians in Asheville's			\$120,000
DIVISION	east of the Riverway.			

**Funding programmed for Construction transferred to Preliminary Engineering at the request of the MPO.**

I-5750	I-40, west of US 25	Construction	FY16	\$1,700,000 (NHPIM)
BUNCOMBE	(Hendersonville Road) to			
<b>Proj. Category</b>	east of SR 3075			
STATEWIDE	(Onteora Boulevard).			
	Bridge rehabilitation.			

**Increase funding based on latest estimate.**

**STIP DELETIONS**

**DIVISION 7**

EB-5717	East Lindsay Street,	Construction	FY18	\$170,000 (SRTS)
GUILFORD	Murrow Boulevard to			
<b>Proj. Category</b>	Bessemer Avenue			
DIVISION	in Greensboro. Construct			
	sidewalk on north side.			

**Delete, work to be accomplished under project EB-5716.**

**DIVISION 11**

I-5749	I-77, SR 1341	Construction	FY16	\$1,600,000 (NHPIM)
SURRY	(White Dirt Road) to 1.3 miles			
<b>Proj. Category</b>	north of SR 1345 (Beulah Road).			
STATEWIDE	Pavement rehabilitation.			

**Delete project, this section of road was recently re-surfaced.**

I-5803	i-77, SR 1314	Construction	FY18	\$2,300,000 (NHPIM)
SURRY	(White Dirt Road) to 1.3 miles			
<b>Proj. Category</b>	north of SR 1345 (Beulah Road).			
STATEWIDE	Pavement rehabilitation.			

**Delete project, this section of road was recently re-surfaced.**

**ITEM N SUMMARY**

ADDITIONS	2 PROJECTS	\$19,273,000
MODIFICATIONS	19 PROJECTS	
DELETIONS	3 PROJECTS	\$4,070,000
	24 PROJECTS	\$15,203,000

**Approval – Municipal and Special Agreements**

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

Board Member Curran noted a conflict of interest on project EB-5798 in Watauga County.

SUMMARY: There are a total of 31 Agreements for approval by the Board of Transportation.

Statewide

North Carolina Department of Administration  
This Memorandum of Understanding (MOU) is to allow the Department to enter into lease or license agreements with wireless communications providers for the placement of towers of communications equipment on non-right of way structures and land owned or leased by the North Carolina Department of Transportation.

North Carolina State Ports Authority (NCSPA)  
This Agreement is to provide support services for NCSPA's users and normal maintenance of the Department's SAP™ System. The Department and Agency have agreed to provide up to one hundred twenty-five (125) SAP™ User Licenses within the Agency. The Agency shall provide payment for 100% of the cost of the work performed by the Department. The estimated annual amount is \$56,000.

North Carolina Global Transport (NCGT)  
This Agreement is to provide support services for NCGT's users and normal maintenance of the Department's SAP™ System. The Department and Agency have agreed to provide up to twenty (20) SAP™ User Licenses within the Agency. The Agency shall provide payment for 100% of the cost of the work performed by the Department. The estimated annual amount is \$5,000.

North Carolina Department of Natural Resources 30001.95  
This Project consists of fabricating and installing highway directional signs for State Park Units throughout the entire State. The Agency shall reimburse the Department 100% of the actual cost of the work performed by the Department, associated with the installation of said signs. The estimated cost of the work \$30,000.

Norfolk Southern Railway Company (NSR) 80000.2.3.2  
This Rail Agreement covers approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the installation of "Yield" and "Stop" signs at various public highway-railroad at-grade crossing locations throughout the state. The Department will furnish to NSR the signs and the necessary material for installation of the signs. NSR will

provide the labor and equipment necessary to perform the installation of the sign assemblies. The Department will reimburse NSR a lump sum amount of \$200 for each location, upon notification that the project has been completed. The estimated cost of the project is \$30,000.

#### Division 2

Marine Corps Base  
Camp Lejeune  
Railroad  
(Railroad)  
Carteret County  
Z-5400 BH/BI

This Rail Agreement consists of the installation of traffic operation control and devices at two (2) public highway-rail at-grade crossings on Camp Lejeune Railroad. The Department, and/or its consultant, will prepare the plans, specifications, and estimates for review and approval by the Railroad for the installation of signal systems, signs, and necessary hardware. The Department, and/or its contractor, will construct the improvements within the Railroad's existing right-of-way limits and/or easements. The Railroad will be responsible for the maintenance of the signal devices. All work will be performed at no expense to the Railroad. The estimated cost of the project is \$550,000.

Carolina Coastal  
Railway, Inc. (CLNA)  
Pitt County  
80000.3.3.20

This Rail Agreement consists of approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist Carolina Coastal Railway, Inc. with the construction of 600 foot second track to the existing Greenville trans load facility located at milepost NS Main 151.1. CLNA will perform all phases of the work. The Department will participate in the cost of the project to the extent of 50% or up to \$50,000, whichever is less. The estimated cost of the project is \$102,317.

#### Division 3

Town of Wallace  
Duplin County  
42894

This Rail Agreement consists of the general cleanup of the NCDOT owned rail corridor from Cliff Street south to the municipal limits. Cleanup shall include removal and disposal of all debris, grass mowing, and vegetation control. The Municipality will perform the work. The Department will reimburse the Municipality \$2,500 per year. The Agreement will remain in effect for five (5) years (2016-2020). Estimated cost to the Department is \$12,500.

Town of Magnolia  
CSX Transportation,  
Inc. (CSXT)  
Duplin County  
Y-5500CA

This Rail Agreement consists of the permanent closure of the municipal highway-railroad at-grade crossing on Bleeker Street (Crossing # 630 043K, milepost AC 196.63). The Department will perform all specified work not on railroad right-of-way. CSXT will perform all work within its right-of-way. CSXT will contribute \$4,000 for all work performed by the Department. The estimated cost to the Department is \$60,000. As mitigation for the crossing closure, the Department, at no cost to the Municipality, will install signals and gates at the existing highway-railroad at-grade crossing on Sandy Street (Crossing # 629,044S, milepost AC 196.82). The Municipality will be responsible for 50% of the maintenance cost of the crossing signals.

#### Division 4

County of Halifax  
Halifax County  
80000.3.1.3

This Rail Agreement consists of approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist Halifax County with the construction of a new 6,523 foot rail industrial access spur track, off of the CSXT A line at milepost 92.00, to serve Klausner Lumber. The County, and/or its agent, will perform all phases of the work. The Department will participate in the cost of the project in a



lump sum amount of \$200,000.

Nash County  
80023

The Project consists of construction of a 760 linear foot road extension of Corporation Parkway to serve Draka Elevator Products in the Whitakers Business and Industry Center. Department shall participate in the actual Project costs, through Economic Development funds, up to a maximum amount of \$45,725. The estimated cost is \$45,725. Costs which exceed this amount shall be borne by the County.

Division 5

CSX Transportation,  
Inc. (CSXT)  
Wake County  
P-5500  
44092

On May 26, 2015, the Department and CSXT entered into an Addendum #5 to the Railroad Master Construction Agreement that consists of grading and crash wall construction for the relocated CSXT S Line associated with the improvements to the new Raleigh Union Station. The Department agreed to reimburse CSXT 100% of the actual eligible construction cost. The estimated cost of the Project was \$1,700,000. In March 2016, this agreement cost was increased to \$2,700,000 to cover estimated cost increases attributed to mobilization, demobilization, earthwork, soldier pile and retaining wall, crash wall, and roadway work. A previous cost increase was approved by the Board of Transportation on March 3, 2016 through Supplemental Agreement #1 to Addendum #5. Bids were received by CSXT which exceeded the approved \$2,700,000. This Supplemental Agreement #2 to Addendum #5 changes the estimated cost from \$2,700,000 to \$3,900,000 and shall be funded 100% from ARRA funds.

Norfolk Southern  
Railway Company  
(NS)  
North Carolina  
Railroad Company  
(NCRR)  
Wake County  
P-5500  
44092

This Rail Agreement provides for NS to make a financial contribution to the Department with respect to the closing of an encroaching private highway-railroad at-grade crossing located within the NCRR Corridor (Crossing # 84.9, milepost H 84.9). The Department will provide NCRR a Crossing Release Agreement and Quitclaim Deed upon the crossing closure. NS's financial obligation to the Department is \$20,000. There will be no cost to the Department.

Town of Apex  
Wake County  
B-5161  
42336.1.1  
42336.2.1  
42336.3.1

This Project consists of the replacement of Bridge No. 362 over Beaver Creek on SR 1162 (Apex Barbecue Road). At the request of the Municipality, additional work to be included within the scope of the Project shall include the construction of sidewalk and raising the grade and lengthening the Bridge to accommodate a planned greenway. The Municipality will reimburse the Department (\$464,791) 30% of the actual cost of the work associated with the construction of the sidewalk and greenway. The total estimated cost of the work is \$1,549,303.

City of Raleigh  
Wake County  
B-5121 / B-5317  
42263.1.1  
42263.2.1  
42263.3.1

This Project consists of the replacement of the bridge on US 70 / US 401 / NC 50 (Capital Boulevard) over Peace Street and the bridge on US 70 / NC 50 (Wade Avenue) over US 401 (Capital Boulevard) in Raleigh. At the request of the Municipality, additional work to be included within the scope of the project shall include interchange modifications at Peace Street, the extension of a culvert under Peace Street, streetscape elements, lighting, sidewalks, additional work to Peace Street bridge, bike lanes, greenway at Wade Avenue interchange and improvements

on the City Streets including but not limited to Peace Street, W. Johnson Street, Harrington Street and Johnson Street. The Department is responsible for all phases of the work. The Municipality is participating in the cost of all the betterments in the Project at an estimated cost of \$20,715,915. The estimated cost of the project is \$30,700,000.

#### Division 6

City of Fayetteville  
Cumberland County  
U-5742  
50164.1.R1  
50164.3.R1

The Project consists of the modernization of the existing computerized traffic signal system and expansion of the Municipality's computerized traffic signal system with new state-of-the-art equipment. This Supplemental Agreement is to expand the scope, increase funds, and to revise the Project funding provision. The Department's original participation was \$4,870,000. The Department agrees to participate in additional cost up to a maximum of \$941,381. The Municipality's original participation was \$130,000. The Municipality agrees to provide an additional \$58,619. The estimated cost of the project is \$6,000,000.

Columbus County  
6C.024124

The Project consists of grade, drain, base, and pave access to county landfill (SR 1451 – Landfill Road). The Department shall be responsible for all phases of work and for all costs of the Project. The County will provide right of way at no cost and will allow the Department to utilize the landfill for dumping purposes in lieu of payment. The estimated cost of the project is \$200,000.

City of Fayetteville  
Cumberland County  
Z-5400FX

This Rail Agreement consists of installation of automatic warning devices and upgrades to approaches at Norfolk Southern Railroad's (NS) municipal highway-railroad at-grade crossing on Dobson Drive (Crossing # 904 420D, milepost 36.200 VF) within the Municipality. The Department will arrange for NS to prepare plans and perform the installation of the automatic warning devices pursuant to the Master Agreement. The Municipality will prepare the plans and perform any necessary approach work. NS will be responsible for all maintenance of the warning devices. The Municipality will be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the warning device installation work; (2) 100% of any cost not reimbursed by FHWA; and (3) 50% of NS's cost of maintenance of the warning devices pursuant to GS 160A-298(c). The estimated cost of the project is \$250,000.

#### Divisions 6 & 8

Town of Maxton  
CSX Transportation,  
Inc. (CSXT)  
Robeson, Scotland  
Counties  
Y-5500FC

This Rail Agreement consists of the permanent closure of the municipal highway-railroad at-grade crossing on Third Street (Crossing # 630 976K, milepost SE 276.28). The Department will perform all work not on railroad right-of-way. CSXT will perform all specified work within its right-of-way. CSXT will contribute \$4,000 for all work performed by the Department. The estimated cost to the Department is \$170,000. As mitigation for the crossing closure, the Department, at no cost to the Municipality, will overlay pavement on both Central Avenue and Wilmington Street between Patterson and Third Street; install signals and gates at the existing highway-railroad at-grade crossing on Malloy Street (Crossing # 630 952W, milepost SE 275.44) and First Street (Crossing # 630 975D, milepost 276.10), and extend the existing fence along the rail corridor from existing terminus point east of Patterson to

the proposed flasher on the west side of First Street. The Municipality shall be responsible for 50% of the maintenance cost of the crossing signals and 100% of the maintenance cost of the fencing.

Division 7

Norfolk Southern  
Railway Company  
(NS)  
North Carolina  
Railroad Company  
(NCRR)  
Orange County  
P-4405I  
43219.2.STR01P440  
5I  
62000.7.STR20T4

This Rail Agreement is an Addendum to the NS Master Project Construction and Maintenance Agreement (MPCMA) and covers the permanent closure and removal of the Private Vehicular Access (PVA) highway-railroad at-grade crossing at Gordon Thomas Drive (Crossing #735 199Y, milepost H 48.49). NS will be responsible for (1) removal of roadway improvements within the NCRR Corridor; (2) re-establishment of railroad ditches; and (3) all flagging. The Department will be responsible for all permitting and utility relocation. The Department will perform work associated with installation of signage and barricades, landscaping, and coordinating the closure and removal of the PVA. NS will reimburse the Department \$19,000 toward the costs of construction. The estimated cost of the crossing closure is \$10,000; the entire cost of the project, including the alternate access construction, is \$750,000 and funded 100% with ARRA funds.

Norfolk Southern  
Railway Company  
(NS)  
North Carolina  
Railroad Company  
(NCRR)  
Orange County  
P-4405J  
43219.2.STR01P440  
5J  
62000.7.STR25T4

This Rail Agreement is an Addendum to the NS Master Project Construction and Maintenance Agreement (MPCMA) and covers the permanent closure and removal of the Private Vehicular Access (PVA) highway-railroad at-grade crossing at Greenbriar Drive (Crossing #735 197K, milepost H 47.74). NS will be responsible for (1) removal of roadway improvements within the NCRR Corridor; (2) re-establishment of railroad ditches; and (3) all flagging. The Department will be responsible for all permitting and utility relocation. The Department will perform work associated with installation of signage and barricades, landscaping, and coordinating the closure and removal of the PVA. NS will reimburse the Department \$19,000 toward the costs of construction. The estimated cost of the crossing closure is \$10,000; the entire cost of the project, including the alternate access construction, is \$750,000 and funded 100% with ARRA funds.

Norfolk Southern  
Railway Company  
(NS)  
North Carolina  
Railroad Company  
(NCRR)  
Orange County  
P-4405K  
43219.2.STR01P440  
5K  
62000.7.STR30T4

This Rail Agreement is an Addendum to the NS Master Project Construction and Maintenance Agreement (MPCMA) and covers the permanent closure and removal of the Private Vehicular Access (PVA) highway-railroad at-grade crossing at Byrdsville Road (Crossing # 735 199Y milepost H 48.49). NS will be responsible for (1) removal of roadway improvements within the NCRR Corridor; (2) re-establishment of railroad ditches; and (3) all flagging. The Department will be responsible for all permitting and utility relocation. The Department will perform work associated with installation of signage and barricades, landscaping, and coordinating the closure and removal of the PVA. NS will reimburse the Department \$26,000 toward the costs of construction. The estimated cost of the crossing closure is \$10,000; the entire cost of the project, including the alternate access construction, is \$1,600,000 and funded 100% with ARRA funds.

City of Hillsborough

This Rail Agreement consists of the cost of the installation of a new 4"

Orange County  
P-4405K  
62000.7.STR30T4

waterline to serve the residents of Byrdsville Mobile Home Park affected by the project to extend Byrdsville Road from NS/NCRR to NC 86, and close a private highway-railroad at-grade crossing (Crossing # 735 189T, milepost H 43.90). The new waterline is also required due to a contaminated well. The Department will include this utility work in its construction contract. The Municipality will be responsible for 100% maintenance of the waterline. The Municipality will reimburse the Department for 50% of the cost of the new waterline. The estimated cost of the project is \$50,000 and funded 100% with ARRA funds.

#### Division 9

Village of Clemmons  
Forsyth County  
U-5551  
46310.1.1  
46310.3.1

This Supplemental Agreement changes the responsibilities of letting the construction contract and providing administration and construction engineering and inspection from the Department to the Municipality. The Department shall reimburse eligible costs of construction up to \$1,900,000. The Municipality shall be responsible for all costs that exceed the available funding.

City of Winston-Salem  
Forsyth County  
U-4741OI  
39745.1.26  
39745.2.26  
39745.3.26

This Project consists of the construction of a 2,800 foot, 10 foot wide greenway trail with concrete shoulders from Martin Luther King Jr. Drive south to Fogle Street in Winston-Salem. This Supplemental Agreement modifies the Project Scope to end at Wake Forest Innovation Quarter (WFIQ) Rails with Trail South Project and modifies the Funding to include the substitution of some the allocated Surface Transportation Program – Direct Allocation (STP-DA) funding with Transportation Alternatives Program – Direct Allocation (TAP-DA). The Department’s original participation was \$4,400,000. The Department’s total participation has remained unchanged under the funding modification.

#### Division 10

City of Charlotte  
Mecklenburg County  
U-5805  
44377.3.1

This Project consists of the installation of dual left-turn lanes at all four approaches at the intersection of Monroe Road (SR 1009) and Rama Road/Idlewild Road along with various intersection improvements including signal modification, pedestrian crosswalks, and pavement markings. The Department shall participate in the costs of the project in an amount not to exceed \$1,395,000. Costs which exceed this amount shall be borne by the Municipality.

City of Charlotte  
Mecklenburg County  
P-2918F  
49999.2.STR8

This Rail Agreement consists of the relocation and adjustment of municipally-owned utilities in conflict with improvements to the Locomotive and Railcar Maintenance Facility in Charlotte (LRMF). The Municipality owns water and sewer lines that are located within the proposed project area, both on Department owned property and Norfolk Southern Railroad (NS) owned property. The Department will perform the work. The Municipality will reimburse the Department all costs associated with the municipally-owned utility work performed on NS property. Estimated cost of the municipally-owned utility work on NS property is \$500,000 and funded 100% with ARRA funds.

E-Z Parking, Inc.  
(Lessee)  
Mecklenburg County

The Department (Lessor) and the Lessee propose to enter into a Rail Lease Agreement to use the Lessee’s property for commercial parking purposes. The Lease includes the terms and conditions by which the

32213 Lessor shall occupy and operate the real property located at 531 West Fourth Street in Charlotte. The Lease will retroactively begin February 1, 2016, and will continue for a period of one (1) year with an option to renew for up to one (1) additional year. The Lessor will pay the Lessee a monthly lease amount of \$15,477 for January through July, and \$20,997 for August through December, for a total of \$213,324 annually.

Division 11

Town of Blowing Rock  
Watauga County  
EB-5798  
44651.1.1  
44651.3.1

This Project consists of the construction of a sidewalk along NC 221 from US 321 Business to the entrance of Moses Cone Estate and Bass Lake. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80.98% of approved eligible costs from the Federal Lands Access Program (FLAP) funds allocation, not to exceed \$987,956. The Municipality will be responsible for providing the 19.02% (\$232,044) non-federal match for the FLAP funds authorized and all costs that exceed the total available funding of \$1,220,000.

Division 12

Town of Mooresville  
Iredell County  
12.10149M

This Municipal Operations Agreement (Schedule C) consists of the operation of the traffic signals at certain intersections on the State Highway System within or near the Town of Mooresville. The Department shall reimburse the Municipality based on an annual approved amount of applicable traffic control devices utilized for the operation and maintenance of the system.

Division 13

City of Asheville  
Buncombe County  
EB-5790  
46444.1.1

This Project consists of the design of a network of on-road connectors for the three greenways, Beaucatcher, Town Branch and Clingman Forest, each of which terminate in or near Asheville's east of the Riverway and South Slope areas. These on-road connectors consist of bike lanes, sidewalks, and wayfinding signage to direct users between each of the greenway trailheads. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% (\$96,000) of approved eligible costs from TAP funds. The Municipality will be responsible for providing the 20% (\$24,000) non-federal match and all costs that exceed the total estimated costs of \$120,000.

Division 14

City of Asheville  
Avadim Technologies, Inc.(Lessee)  
41930

The Department, the Municipality, and Avadim Technologies propose to enter into a two (2) year Rail Lease Agreement for the use of an approximately 18,456 square foot building, parking area and grounds located at 81 Thompson Street. The Department holds 9/10th interest in the property, and the Municipality holds 1/10th interest in the property. The Lessee will lease the property for office/warehouse, manufacturing, and distribution purposes only. The Lease will begin May 1, 2016 and expire on April 30, 2018, with an option to renew for three (3) additional one-year periods. The Lessee will pay the Department an annual rental rate of \$129,192 for the first year of the lease, \$143,034 for the second year, and, if the lease is renewed, \$156,876 annually for the third, fourth and fifth years. The Department will remit 1/10th of the monthly payments to the Municipality.

SUMMARY: There are a total of 27 agreements for informational purposes only.

Division 1

Town of Duck  
Dare County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "2015-2018 Evaluating the Economic Impact of Shared Use Paths in NC" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Division 2

City of Greenville  
Pitt County  
36249.3590

This Project consists of an emergency culvert repair on Third Street to provide safe pedestrian access between a residential area and downtown Greenville. Work was completed on January 21, 2016. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$24,088.41.

Division 3

Walmart Stores, Inc.  
Onslow County  
36249.3607

This Project consists of traffic signal review and inspection for the traffic signal at NC 24 and SR 1511 (Hammocks Beach Road) [SIN 03-1011] related to the Swansboro Retail Center development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Bragg Road Development  
Company, LLC  
New Hanover County  
36249.3606

This Project consists of traffic signal review and inspection for the traffic signal at NC 132 (South College Road) and Bragg Drive [SIN 03-0924] related to the Publix Grocery Store development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Division 4

Town of Nashville  
Nash County  
44185.3.1

The Project consists of the installation of roadway lighting at the interchange of US 64 Bypass and NC 58 (Washington Street) in Nashville. The Department shall plan, design, construct, and maintain the Project. The Municipality shall pay for electrical services upon completion of Project. The estimated cost of the project is \$376,000.

Division 5

Sheetz  
Wake County  
36249.3609

This Project consists of traffic signal review and inspection for the traffic signal at US70 (Glenwood Avenue) at Westborough Drive/Pinecrest Road. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Wake Stone Corporation  
Wake County  
36249.3611

The Project consists of the costs and the installation of three "Hinton Oaks Industrial Park" signs: two on US 64 Business and one on I-540 at exit 24. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$2,597.

TKC CCXVIII, LLC  
Granville County  
36249.3605

The Project consists of review and inspection for upgrading the existing signal (06-2197) at US 158 (Williamsboro Street) and the entrance to Revlon. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

City of Raleigh  
Wake County

This Project consists of the construction of two drainage structures and pipe connections at the intersection of Hammond Road and Rush Street, as well as

5.209211A	replacing the necessary sidewalk and curb removed for the construction of the improvements. The Municipality shall reimburse the Department one 100% of the actual cost of all work performed by the Department. The estimated cost of the project is \$60,000.
Meritage Homes of the Carolinas, Inc. Wake County 36249.3616 Division 7	This Project consists of signal upgrades on NC 55 at Petty Farm Road/Mahal Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.
Town of Carrboro Orange County U-4726DE 36268.3.F26 Division 9	The Project consists of construction of a multi-use path from Bolin Creek to the vicinity of Chapel Hill High School south of Homestead Road in Carrboro. This Agreement is to extend the completion date of the Project to September 23, 2017 in lieu of December 31, 2014.
Town of Granite Quarry Rowan County 44676	This Project consists of repairing 80' of curb and gutter and curb inlet on US 52 in Granite Quarry. The Department will participate up to a maximum amount of \$24,000 in Small Construction funds. Costs which exceed this amount shall be borne by the Municipality.
Town of Lewisville Forsyth County 36249.3614	This Project consists of installing landscape plantings at the round-about and traffic island located at the intersection of Shallowford and Williams Roads in Lewisville. The Department is responsible for phases of the work. The Municipality shall reimburse the Department 100% of the actual cost of all work. The estimated cost is \$21,744.
Morgan Property Group Mid-Atlantic Commercial Properties Forsyth County 36249.3615	This Project consists of the revising/reviewing Signal #09-0486 at SR 1103 (Lewisville-Clemmons Road) and SR 1891 (Peace Haven Road) and reviewing plans for a new traffic signal at SR 1891 (Peace Haven Road) and Village Club Lane. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual costs by the Department. The estimated reimbursement is \$7,500.
City of Winston-Salem Forsyth County U-4741OI 39746.3.FD26	This Project consists of the construction of a greenway trail from Martin Luther King Jr. Drive to just south of Third Street in Winston-Salem. This Supplemental Agreement substitutes an equal amount of TAP-DA funding in lieu of STP-DA funding for the Project. The total reimbursable amount of \$4,400,000 by the Department has not changed. This Supplemental Agreement also slightly modifies the end point to coincide with the related project, WFIQ Rails to Trails, programmed under U-4918B.
Division 10 Cabarrus County 43370	This Project consists of the extension of Raging Road from the end of pavement of Stallings Road (SR 1161) near Harrisburg. This Supplemental Agreement is to provide additional funding for revised project costs. The Department to provide an additional \$100,000 to the project in Public Access Funds. The County to provide \$381,187 in additional funding.
Lidl US Operations, LLC Cabarrus County 36249.3586	This Project consists of the installation of a new traffic signal at the intersection of Dale Earnhardt Boulevard and Coldwater Ridge Drive/New Site Driveway including the installation of fiber communication cable and the development of coordinated

timing plans. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual costs by the Department. The estimated reimbursement is \$5,000.

City of Charlotte  
Mecklenburg County  
U-5874  
46437.1.1

This Project consists of the construction of a new bridge over I-85 in Mecklenburg County. This Agreement allows the Department to review documents and provide oversight in anticipation of the Project receiving federal transportation funds. The Municipality shall provide the Department \$75,000 for the Department's costs related to review of any phase of this Project. If the costs exceed this amount, the Municipality shall provide additional funding.

Charlotte-Mecklenburg  
Utilities  
Mecklenburg County  
I-4733  
38063.3.1

This Project consists of the relocation and adjustment of a six inch and an eight inch water line and related water items and the relocation and adjustment of an eight inch gravity sewer line and related sewer items. CMU's original participation was \$91,084. CMU agrees to reimburse the Department an additional \$136,011 in additional funding for a total participation cost of \$227,095.

#### Division 11

Town of North Wilkesboro  
Wilkes County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "2015-2018 Evaluating the Economic Impact of Shared Use Paths in NC" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Blowing Rock  
Watauga County  
ER-2973K  
3711.3.21

This Project consists of landscape designs and plantings in the median of US 321 at the Blue Ridge Parkway in Blowing Rock. The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

#### Division 12

Town of Troutman  
Iredell County

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

Catawba County Schools  
Catawba County  
12.101811,12.201811

This Project consists of patching and resurfacing the school bus driveways at Claremont Elementary, Fred T. Foard High School, Jacob Fork Middle School and Tuttle Elementary School. The Agency shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$47,252. Costs which exceed this amount shall be borne by the Agency.

#### Division 13

Buncombe County Board of  
Education  
Buncombe County  
44557

This Project consists of signal and striping modifications including the addition of pedestrian signal phasing and corresponding standard crosswalks and the construction of an exclusive right turn lane on NC 112 with appropriate storage and taper lengths as shown on the plans. The Department shall provide the design plans and construction of the project. The Department will participate in the construction costs in the amount of \$50,000 with the County reimbursing the Department \$170,000 for total estimated project costs of \$220,000.

#### Division 14

Cherokee Enterprises, Inc.  
Clay and Macon Counties

This Project consists of the installation and removal of temporary shoring of three posted bridges that include the installation and removal of timber in the waterway,



36249.3610	jacking the bridges and installation of vertical members to provide additional support for the mid-span on the three posted bridges; two (2) bridges on SR 1326 (Tusquitee Road) in Macon County and one (1) bridge on Tuni Gap Road in Macon and Clay County. The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$15,000 for work performed by the Department. The estimated reimbursement from the Developer is \$15,000.
Town of Andrews Cherokee County 44240	This Project consists of sidewalk repairs at various locations throughout the municipality of Andrews. The Department shall be responsible for the planning and design of the Project and shall participate in actual construction costs in an amount not to exceed \$50,000. Costs which exceed this amount shall be borne by the Municipality.
Ingles Markets Incorporated Henderson County 36249.3613	This Project consists of traffic signal #77 at the intersection of US 176 and Ingles Drive/Harris Teeter Drive in Hendersonville. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

**Preliminary Right of Way Plans**

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

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

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

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

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

**(Division 3)**

**Onslow County; I.D. No. B-5157; Project No. 41922.2.2:**

NC 53 (Burgaw Highway) from SR 1116 (Onslow Pine Road) to SR 1105 (Haws Run Road) (combined with R-5023C; NC 53 from SR 1105 (Haws Run Road) to West of SR 1109 (Holly Shelter Road), (combined with SF-4903F; to install a left turn lane along NC 53 and realign SR 1109 (Holly Shelter Road))

**(Division 4)**

**Wayne County; I.D. No. W-5500; Project No. 45472.2.FD1:**

SR 1556 (Wayne Memorial Drive) from SR 1622 (Woodside Drive) to SR 1752 (Saulston-Patetown Road)

**Johnston County; I.D. No. W-5601BW; Project No. 50138.2.76:**  
NC 42 at SR 1525 (Cornwallis Road)

**(Division 5)**

**Wake County; I.D. No. C-5165; Project No. 46230.2.F1:**  
SR 3112 (Cary Parkway) and SR 1615 (High House Road), construct a single quadrant intersection

**Person County; I.D. No. B-5102; Project No. 42237.2.2:**  
Bridge No. 11 over South Hyco Creek on US 158 (Utility)

**(Division 10)**

**Union County; I.D. No. W-5601AE; Project No. 50138.2.32:**  
NC 522 from South Carolina State Line northward to SR 2166 (Trinity Church Road)

**Union County; I.D. No. W-5520; Project No. 50092.2.1:**  
US 74 (Fairview Road) to Wesley Chapel Stouts Road in Indian Trail. (Convert existing full movement signalized intersections to signalized superstreet design)

**Union County; I.D. No. U-51120; Project No. 42374.2.1:**  
SR 1357 (Potter Road) from SR 1364 (Pleasant Plains Road) to SR 1009 (Old Monroe Road)

**(Division 12)**

**Iredell County; I.D. No. C-5200; Project No. 46251.2.1:**  
NC 115 and NC 150 in Mooresville, Construct Southbound NC 115 right turn lane at NC 150 and Westbound NC shared through-right lane at NC 115

**(Division 13)**

**Rutherford County; I.D. No. B-5397; Project No. 46112.2.1:**  
Bridge No. 51 over Floyds Creek on SR 2213 (Bethany Church Road)

**Burke County; I.D. No. B-5398; Project No. 46113.2.1:**  
Bridge No. 21 over Henry Fork River on SR 1803

**(Division 14)**

**Macon County; I.D. No. BD-5114AG; Project No. 45360.2.FD33:**  
Bridge No. 64 over Watauga Creek on SR 1328

**Transylvania County; I.D. No. BD-5114AD; Project No. 45360.2.FD30:**  
Bridge No. 86 over East Fork French Broad River on SR 1107

<b>PRELIMINARY RIGHT OF WAY PLANS</b>	<b>13 PROJECT(S)</b>	<b>\$0.00</b>
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**Final Right of Way Plans**

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

of roads to be abandoned are hereby abandoned and removed from the State Highway System for Maintenance upon the completion and acceptance of the project.

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

**(Division 5)**

**Project No. 42332.2.FD1; Granville County; I.D. No. B-5157:**

Grading, drainage, paving and structure on Bridge No. 178 over Fox Creek on SR 1304 with the right of way indicated upon the final plans for said project.

**(Division 6)**

**Project No. 40104.2.1; Columbus County; I.D. No. B-4948:**

Grading, drainage, paving and structure on Bridge No. 144 over Soules Swamp on SR 1429 with the right of way indicated upon the final plans for said project.

**(Division 9)**

**Project No. 34845.2.2; Forsyth County; I.D. No. U-2707:**

Grading, drainage, paving, signals and structures in Clemmons – SR 3000 (Idols Road) from SR 2999 (Hampton Road) to US 158 (Clemmons Road) with the right of way indicated upon the final plans for said project.

**(Division 10)**

**Project No. 42265.2.1; Cabarrus County; I.D. No. B-5123:**

Grading, drainage, paving and structures on Bridge No. 14 and 19 over Rocky River and access road to US 29 with the right of way indicated upon the final plans for said project.

**(Division 13)**

**Project No. 38581.2.3; Rutherford County; I.D. No. B-4811:**

Grading, drainage, paving, structure and signals on Bridge No. 87 over the Broad River on US 64 with the right of way indicated upon the final plans for said project.

**Project No. 46111.2.FD1; Buncombe County; I.D. No. B-5396:**

Grading, drainage, paving and structure on Bridge No. 416 over Stony Fork Creek on SR 1103 with the right of way indicated upon the final plans for said project.

**FINAL RIGHT OF WAY PLANS**

**6 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 7)**

**Project No. 34821.2.3; I.D. No. U-2525B; Guilford County:**

Final Right of Way plans approved on the minutes of the July 10, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 37 as presented at the March 3, 2016 Board of Transportation Meeting.

**(Division 11)**

**Project No. 34402.2.6; I.D. No. R-2237C; Caldwell & Watauga Counties:**

Final Right of Way plans approved on the minutes of the December 1, 2011 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 4 & 5 as presented at the April 7, 2016 Board of Transportation Meeting.

**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) 5 & 6 as presented at the April 7, 2016 Board of Transportation Meeting.

**REVISION FINAL ROW PLANS**

**3 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 7)**

**Project 7C.041038, Parcel 041SR2025 001, Pearman Quarry in Kernersville**

**Guilford County**

Conveyance of an approximate 9.829-acre residue area to Christine E. Staub for the high bid amount of \$96,000.00.

**Project 7C.041038, Parcel 041SR2025 001, Pearman Quarry in Kernersville**

**Guilford County**

Conveyance of an approximate 4.736-acre residue area to Michael R. Dehaan, Sr. for the high bid amount of \$36,100.00.

**Project 34482.2.2, Parcel R-2611 083, SR 1008 (West Market Street) from SR 2007 (Bunker Hill Drive) at Colfax to NC 68**

**Guilford County**

Conveyance of an approximate 0.399-acre residue area to Richard Dickerson and Paul Lamb, for the high bid amount of \$12,500.00.

**Project 34482.2.2, Parcel R-2611 084, SR 1008 (West Market Street) from SR 2007 (Bunker Hill Drive) at Colfax to NC 68**

**Guilford County**

Conveyance of an approximate 0.306-acre residue area to Richard Dickerson and Paul Lamb, for the high bid amount of \$12,500.00.

**Project 34482.2.2, Parcel R-2611 034, SR 1008 (West Market Street) from SR 2007 (Bunker Hill Drive) at Colfax to NC 68  
Guilford County**

Conveyance of an approximate 0.300-acre residue area to Steve P. Gray, for the high bid amount of \$12,650.00.

**(Division 11)**

**Project 34783.2.3, Parcel U-2211B 062, SR 1001 (Hilbritten Drive) from US 321A (Norwood Street) to SR 1712 (Starcross Road) East of US 321  
Caldwell County**

Conveyance of an approximate 0.560-acre residue area to Jerry M. Bevins, for the high bid amount of \$31,000.00.

**CONVEYANCE ROW RESIDUE                      6 PROJECT(S)                      \$200,750.00**

**Approval of Conveyance of Permanent Easement**

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 6)**

**Project 9.8069728, Parcel U-2103BA 039, Morganton Road East of Longbranch Drive  
Cumberland County**

The Department acquired property from the North Carolina Natural Gas Corporation for the construction near Morganton Road. Piedmont Natural Gas Company, Inc. has requested an approximate 0.005-acre permanent utility easement to rebuild the existing regulator station across the property. The Department has determined that the conveyance of the permanent utility easement would cause no damage to the residue property. Piedmont Natural Gas Company, Inc. has agreed to the conveyance for no monetary consideration.

**(Division 12)**

**Project 8.1810105, Parcel R-0212BC 070, US 321 from CSX Railroad to NC 27/150 near Lincolnton  
Lincoln County**

The Department acquired property from Oreta Ramseur, unmarried and Mary A. Ramseur, widow of Howard Ramseur for the construction near NC 150/27 near Lincolnton. Piedmont Natural Gas Company, Inc. has requested an approximate 0.080-acre permanent utility easement and a 0.340 temporary construction easement for the installation of a new gas pipeline across the property. The Department has determined that the conveyance of the permanent utility easement and temporary construction easement would cause no damage to the residue property. Piedmont Natural Gas Company, Inc. has agreed to the conveyance for the amount of \$2,000.00.

**APPROVAL OF CONVEYANCE OF PERM. EASEMENT                      2 PROJECT(S)                      \$2,000.00**

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

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

**(Division 10)**

**Project 8.T671005, Parcel U-0209C 047, US 74, Independence Blvd from Brookshire Freeway to Eastway Drive  
Mecklenburg County**

Conveyance of an approximate 0.599-acre surplus right of way area to Cole Properties & Investments, Inc. for no monetary consideration.

**CONVEYANCE OF SURPLUS RIGHT OF WAY                      1 PROJECT(S)                      \$0.00**

**R-ITEM SUMMARY    31 PROJECT(S)    TOTAL: \$202,750.00**

**Approval – Sampson County Comprehensive Transportation Plan**

The Transportation Planning Branch has worked cooperatively with Sampson County, and the incorporated municipalities within the county, on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Sampson County on November 2, 2015, the Town of Autryville on October 20, 2015, the City of Clinton on October 6, 2015, the Town of Harrells on November 10, 2015, the Town of Newton Grove on November 9, 2015, the Town of Turkey on November 17, 2015, the Town of Garland on November 10, 2015, and the Town of Roseboro on November 10, 2015, and the Town of Salemburg on October 15, 2015. The Mid-Carolina RPO endorsed the plan on January 26, 2016.

The plan is based on an analysis of existing and projected travel and land use, public involvement and field investigations of recommended improvements. It is located on the web at:

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

The Transportation Planning Branch recommends the mutual adoption of the Sampson County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of March 11, 2016. A motion was made by Board Member Fearing, seconded by Board Member Brown, to approve.

**Approval – Bladen County Comprehensive Transportation Plan**

The Transportation Planning Branch has worked cooperatively with Bladen County, and the incorporated municipalities within the county, on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Bladen County on November 16, 2015, the Town of Bladenboro on October 12, 2015, the Town of Clarkton on October 6, 2015, the Town of Dublin on October 19, 2015, the Town of East Arcadia on October 12, 2015, the Town of Elizabethtown on November 3, 2015, the Town of Tar Heel on November 10, 2015, and the Town of White Lake on October 13, 2015. The Mid-Carolina RPO endorsed the plan on January 26, 2016.

The plan is based on an analysis of existing and projected travel and land use, public involvement and field investigations of recommended improvements. It is located on the web at:

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

The Transportation Planning Branch recommends the mutual adoption of the Bladen County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of March

17, 2016. A motion was made by Board Member Fearing, seconded by Board Member Brown, to approve.

## **RESOLUTION FOR DON BUIE**

**WHEREAS**, the late Don Buie was a life-long conservationist as well as a dedicated leader for many years of youth and strived to advance youth skills in all areas, especially in scholarly education and in the North Carolina Wildlife Commission's Youth Hunter Safety Program; and

**WHEREAS**, Don Buie loved the outdoors and was a strong advocate of the preservation of all natural resources and wildlife in Sanford, Lee County and the State of North Carolina. He was a leader in the Central Carolina Paddlers, a canoeing group that led the region in river expeditions along Carolina rivers; and

**WHEREAS**, Don Buie was a member and leader of the Lee County Wildlife Club who led the group in outreach to the community in a number of effective programs; and

**WHEREAS**, Don Buie was a former Central Carolina Community College Dean of Continuing Education, touching many lives with compassion and understanding; and

**WHEREAS**, Don Buie was a historian, educating others about the history of the region, the industrial development along the rivers of North Carolina, the American Revolutionary War and the U.S. Civil War; and

**WHEREAS**, Don Buie was a collector of books, documents and other paraphernalia relating to the history of the region, and often spoke to various groups concerning events and people involving the early settlers of the area; and

**WHEREAS**, Don Buie, a committed Christian and Certified Lay Pastor, for many years spoke at churches throughout Lee County, encouraging others to lead a good and meaningful life and setting an example for others to follow; and

**WHEREAS**, the Lee County Board of Commissioners, Sanford City Council and the Central Carolina Community College Board of Trustees request to name a portion of Highway 421 By-pass near the Deep River as the ***Don Buie Highway***.


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

That the North Carolina Board of Transportation names the portion of Highway 421 By-pass, from U.S. 1 to the merge at Cumnock near the Deep River as the ***Don Buie Highway***.

That appropriate signs will be erected at a suitable time.

Adopted, this the seventh day of April 2016 by the North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation

## Committee Reports

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

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

Cheryl McQueary, Chair of Funding & Appropriation Strategies Committee, provided an update.

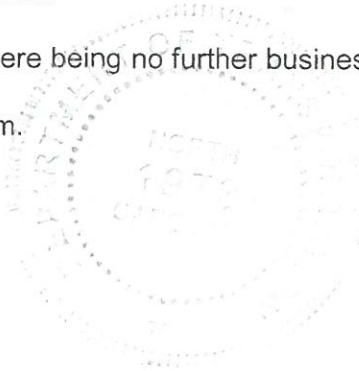
Terry Hutchens, Chair of Economic Development and Intergovernmental Relations Committee, provided an update.

Chairman Curran – Audit Committee, provided an update.

## Other Business

## Adjournment

There being no further business to come before the Board, the meeting was adjourned at 9:51 a.m.



A handwritten signature in black ink, which appears to be "J. Curran", is written over a horizontal line.

Chairman,  
North Carolina Board of Transportation

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

Dated this *5<sup>th</sup>* day of *May*, 2016





*Transportation*

North Carolina Board of Transportation  
1 South Wilmington Street Raleigh, North Carolina 27601  
April 7, 2016

Highway Maintenance Improvement  
Program

During the 2014 Legislative session, the North Carolina General Assembly established the Highway Maintenance Improvement Program (Session Law 2014-100, Section 34.11a, b).

The Board of Transportation approves a three year improvement schedule for pavement preservation, resurfacing and rehabilitation activities with their anticipated cost and publishes the schedule on the Department's website by April 1<sup>st</sup> of each year.

Please click the link below to access the schedule

[FY2017-2019 Highway Maintenance Improvement Program \(HMIP\)](#)