

I N D E X

BOARD OF TRANSPORTATION MEETING

August 6, 2015

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Board of Transportation Meeting

August 6, 2015

Call to Order

Chairman Curran called the meeting of the Board of Transportation to order at 8:38 a.m. Thursday, August 6, 2015 in Raleigh, North Carolina with the following members present:

Fearing, Overholt, Blount, Fountain, Lennon, Tulloss, Sheehan, Crawford, Hutchens, McQueary, Molamphy, Alexander, Perkins, Dodson, Wetmore, Brown, and Debnam.

Board Member Palermo was absent.

Invocation

The invocation was offered by Board Member Brown.

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 July 9, 2015 Board Meeting

The minutes of the July 9, 2015 Board of Transportation meeting were unanimously approved upon a motion by Board Member Blount, seconded by Board Member Overholt.

Chairman Curran's Remarks

Chairman Curran welcomed everyone and thanked the board for their continued support of transportation in North Carolina and reiterated how proud and honored this board is to work alongside the incredible team at NCDOT and its many partners to better connect North Carolinians to new opportunities.

Chairman Curran recognized many landmark achievements in transportation over the past several years including implementing the Strategic Transportation Investments law, developing the Governor's 25-Year Vision for transportation, improving customer service and reducing wait times at DMVs across the state, and reaching a settlement agreement with the Southern Environmental Law Center that allows us to move forward with the replacement of the Bonner Bridge.

Chairman Curran commended the team efforts, and stated they are just a few examples of the many milestones achieved in a relatively short time frame under the leadership of Governor McCrory and Secretary Tata, along with the hard work of the NCDOT team and the support of this board, the General Assembly, and our many other partners across the state. He thanked Secretary Tata for his 32 months of service, his strong leadership, and collaborative spirit. The accomplishments of this team would not have been possible without his vision and leadership.

Chairman Curran gave a brief overview of the accomplishments of Acting Secretary Nick Tennyson and expressed his continuing support.

Chairman Curran turned the podium over to Acting NCDOT Secretary Nick Tennyson.

Acting Secretary Tennyson's Remarks

Acting Secretary Tennyson thanked former Secretary Tata, the board, our team, and our many other partners for their ongoing support and reminded everyone that we have a lot to be proud of and we also have a lot of work ahead of us. The Acting Secretary just returned from the annual meeting of the Southern Association of State Highway and Transportation Officials, known as SASHTO, where he joined our DOT counterparts from the southern region for productive

discussions regarding our current initiatives and how we can continue to meet the transportation needs of our respective states, our region and the nation.

The Acting Secretary said that Congress recently passed a three-month extension of the current federal surface transportation reauthorization bill. While this will keep the federal funding we receive in place for the short-term, it does not provide us with a long-term funding solution that provides much-needed stability for North Carolina and the rest of the nation.

He stated that we have been actively involved in efforts to stress the importance of federal funding stability to state DOTs, and we will continue to advocate for a long-term solution that will ensure that we can meet our state's growing transportation needs. In addition to a three-month extension, the U.S. Senate did pass a six-year highway bill that will be the vehicle for the Senate to go to conference with the House once the House passes its own bill. The bill designates the Raleigh to Norfolk Corridor as well as the U.S. 70 corridors as high priority corridors. The designation of the highways would advance our Strategic Transportation Corridors Vision, which aims to provide North Carolina with a network of high priority corridors that will become part of the Interstate system once they are fully built and upgraded to interstate standards.

Acting Secretary Tennyson thanked Senators Burr and Tillis, along with Representatives Butterfield and Jones, for introducing legislation in support of this effort and their commitment to ensuring that these corridors become part of the Interstate system. He also acknowledged the co-sponsorship from the entire House delegation on this important endeavor.

He reminded everyone that the new state budget has not been passed yet, but among the various proposals, there are modifications to all three of our major funding streams: the motor fuels tax, the Highway Use Tax caps, and DMV fees. He recognized that we need additional revenue for transportation and a united front is necessary for us to continue carrying out our mission efficiently and effectively.

The Governor's Connect NC bond proposal would help further bolster these efforts, and it's important that we continue to pursue every funding stream available to us—including both reform efforts and bond strategies—because no one solution is going to suffice.

Acting Secretary Tennyson thanked each of the staff members for their hard work day in and day out on behalf of North Carolina. He welcomed the new Board Secretary Tereca Batts and recognized and thanked our Director of Logistics Rudy Lupton for all of his hard work.

The Acting Secretary shared the good news that our I-485/85 turbine interchange project in Charlotte recently received two awards. First, at the SASHTO annual meeting we were announced as a southeast regional winner in the America's Transportation Awards competition in the "Under Budget" category. The 10 regional winners with the highest overall scores will advance in the competition, and the top two national winners will be announced in September at the AASHTO annual meeting in Chicago. Secretary called Mike Holder to come forward to receive the award.

Separately we have also received a National Award of Merit from the Design-Build Institute of America for the same project. These awards recognize exemplary application of Design-Build Done Right™ that, at a minimum, resulted in highly successful design-build projects that achieved best value while meeting design and construction quality, cost and schedule goals. In this case, the design-build method afforded the project team Lane/STV the ability to construct a turbine interchange, saving the state over \$30 million while also providing tremendous safety enhancements. In addition to the capital cost savings, it will also be cheaper to maintain. This project will now be in contention for the association's National Award of Excellence. Acting Secretary Tennyson congratulated everyone who played a role in this project.

The Acting Secretary thanked everyone for joining us today and closed with a brief video highlighting one other employee recognition that is yet another example of how our team members are willing to go above and beyond the call of duty and protect and serve their NCDOT colleagues—and showcasing why he is so proud to be part of this organization.

Chairman Curran expressed appreciation of the Chamber's support, while being concerned that their specific messaging could be misinterpreted regarding what they describe as "unsafe bridges, bad roads, and aging ports." We don't believe that we have bad or unsafe bridges and roads and if we found safety concerns with any of our structures we would immediate

close that bridge or road to make necessary repairs. We reached out for clarification from the NC Chamber yesterday and they confirmed for us that they also do not believe our existing roads and bridges are unsafe, nor is that the message they are intending to convey.

We do want to continue partnering with the chamber to expand our infrastructure to meet the demands of a rapidly growing population while continuing to invest in the maintenance needed to keep our roads and bridges safe.

Legislative Update

Bobby Lewis, Chief of Staff, provided a legislative update.

Department's Mission, Vision, and Goals

Susan Pullium, North Carolina Turnpike Authority Director of Customer Service, provided an update on the Department's mission, vision, and goals.

Approval of Projects

A motion was made by Board Member Lennon, seconded by Board Member Molamphy, 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, Debnam and Hutchens abstained from voting on certain projects.

Delegated Authority Items

Approval – Award of Highway Construction Contracts in the July 21, 2015 Letting

Projects were awarded by the Secretary to the low bidder on all projects. Board Member Fountain noted a conflict of interest on project C203716 in Duplin County, C203732 in Edgecombe County and C203731 in Nash County. Board Member Hutchins noted a conflict of interest on projects W-5601BM in Columbus County and W-5514 in Cumberland County.

Project	Contract Awarded To	Amount
C203718 2016CPT.02.02.10741.1 PITT	S. T. WOOTEN CORPORATION CHARLOTTE, NC	\$2,110,170.44
C203743 2016CPT.02.01.10251.1 CRAVEN	S. T. WOOTEN CORPORATION CHARLOTTE, NC	\$2,599,179.62
C203716 2016CPT.03.01.10311.1, 2016CPT.03.01.10821.1, 2016CPT.03.01.20311.1, 2016CPT.03.01.20821.1 DUPLIN, SAMPSON	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$9,022,523.14
C203732 2016CPT.04.01.10331.1, 2016CPT.04.01.20331.1 EDGECOMBE	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$1,531,972.06
C203739 2016CPT.04.02.10421.1, 2016CPT.04.02.20421.1 HALIFAX	ROSE BROTHERS PAVING CO INC AHOSKIE, NC	\$2,193,084.34
C203733 2016CPT.04.05.10511.1, 2016CPT.04.05.20511.1 JOHNSTON	FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	\$4,206,334.02
C203731 2016CPT.04.03.10641.1, 2016CPT.04.03.20641.1 NASH	BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	\$2,715,995.06
C203735 2016CPT.04.06.10961.1, 2016CPT.04.06.20961.1 WAYNE	S. T. WOOTEN CORPORATION CHARLOTTE, NC	\$3,255,566.90

C203734 2016CPT.04.04.10981.1, 2016CPT.04.04.20981.1 WILSON	S. T. WOOTEN CORPORATION CHARLOTTE, NC	\$2,434,907.34
C203730 2016CPT.05.01.10351.1, 2016CPT.05.01.20351.1 FRANKLIN	S. T. WOOTEN CORPORATION CHARLOTTE, NC	\$3,691,907.09
C203729 50138.3.66 HSIP-0074(176) COLUMBUS W-5601BM	HIGHLAND PAVING CO., LLC FAYETTEVILLE, NC	\$1,898,693.00
C203651 44102.3.FS1 HSIP-1007(27) CUMBERLAND W-5514	HIGHLAND PAVING CO., LLC FAYETTEVILLE, NC	\$4,478,016.50
C203714 2016CPT.07.01.20011 ALAMANCE	RILEY PAVING INC CARTHAGE, NC	\$2,096,115.24
C203715 2016CPT.07.02.10411, 2016CPT.07.02.20411 GUILFORD	BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	\$2,068,055.18
C203717 2016CPT.08.03.10621.1, 2016CPT.08.03.20621.1, 2016CPT.08.03.20761.1 MONTGOMERY, RANDOLPH	RILEY PAVING INC CARTHAGE, NC	\$2,217,538.72
C203712 2016CPT.08.02.10631.1, 2016CPT.08.02.20631.1 MOORE	RILEY PAVING INC CARTHAGE, NC	\$2,193,065.32
C203711 2016CPT.08.01.10191.1, 2016CPT.08.01.20191.1 CHATHAM	RILEY PAVING INC CARTHAGE, NC	\$2,641,301.93
C203737 2016CPT.13.01.10111.1, 2016CPT.13.01.20111.1, 2016CPT.13.01.20112.1 BUNCOMBE	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC- ATLANTIC INC	\$6,606,739.63

C203736 2016CPT.13.02.10121.1, 2016CPT.13.02.20121.1, 2016CPT.13.02.20122.1 BURKE	MAYMEAD, INC. MOUNTAIN CITY, TN	\$3,379,453.63
C203738 2016CPT.13.03.10571.1, 2016CPT.13.03.20571.1, 2016CPT.13.03.20572.1 MADISON	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN KNOXVILLE, TN	\$1,994,288.71
C203742 2016CPT.13.04.10591.1, 2016CPT.13.04.20591.1, 2016CPT.13.04.20592.1 MCDOWELL	ROGERS GROUP, INC. NASHVILLE, TN	\$3,158,094.26
C203741 2016CPT.13.05.10611.1, 2016CPT.13.05.20611.1, 2016CPT.13.05.20612.1 MITCHELL	ROGERS GROUP, INC. NASHVILLE, TN	\$1,136,241.81
C203740 2016CPT.13.06.10811.1, 2016CPT.13.06.20811.1, 2016CPT.13.06.20812.1 RUTHERFORD	ROGERS GROUP, INC. NASHVILLE, TN	\$4,702,994.01
C203744 2016CPT.13.07.11001.1, 2016CPT.13.07.21001.1, 2016CPT.13.07.21002.1 YANCEY	MAYMEAD, INC. MOUNTAIN CITY, TN	\$1,595,329.89
C203491 42974.3.3 JACKSON R-5206	WATSON CONTRACTING, INC. FRANKLIN, NC	\$2,179,873.49

Approval - Professional Services Management

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

Preconstruction

Project Development and Environmental Analysis – Project 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 environmental planning and design on an as needed basis for various federal-aid and state funded projects to support the Project Development and Environmental Analysis Unit and the Roadway Design Unit. These contracts will expire June 30, 2016 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: 2015 Planning and Design Limited Services
 Firm: AMEC Environment & Infrastructure, Inc., Durham, NC
 Maximum Engineering Fee: \$1,500,000.00
 SPSF Utilization: The Cantena Group, Inc. \$30,000.00
 2%
 SPSF Utilization: Progress Design Group, Inc. \$75,000.00
 5%
 SPSF Utilization: Patriot Transportation Engineering, PLLC
 \$30,000.00
 2%
 SPSF Utilization: Sepi Engineering & Construction, Inc.
 \$30,000.00
 2%
 DBE/WBE/SPSF Utilization: Three Oaks Engineering, Inc. \$75,000.00
 5%

Description of Work: 2015 Planning and Design Limited Services
 Firm: Michael Baker Engineering, Inc., Cary, NC
 Maximum Engineering Fee: \$1,500,000.00
 SPSF Utilization: Sungate Design Group, PA \$225,000.00
 15%
 SPSF Utilization: Ramey Kemp & Associates, Inc.
 \$150,000.00
 10%
 SPSF Utilization: Hinde Engineering, Inc. \$75,000.00
 5%

Description of Work: 2015 Planning and Design Limited Services
 Firm: CDM Smith, Inc., Raleigh, NC
 Maximum Engineering Fee: \$1,500,000.00
 SPSF Utilization: Sungate Design Group, PA \$150,000.00
 10%
 SPSF Utilization: Environmental Services, Inc. \$45,000.00
 3%
 DBE/WBE/SPSF Utilization: Three Oaks Engineering, Inc. \$45,000.00
 3%
 SPSF Utilization: So-Deep US, PC \$30,000.00
 2%
 SPSF Utilization: Progress Design Group, Inc. \$75,000.00
 5%

Description of Work: 2015 Planning and Design Limited Services
 Firm: John Davenport Engineering, Inc., Winston-Salem, NC
 Maximum Engineering Fee: \$1,500,000.00
 DBE/MBE/SPSF Utilization: 100%

Description of Work: 2015 Planning and Design Limited Services
 Firm: Dewberry Engineers, Inc., Raleigh, NC

Maximum Engineering Fee: \$1,500,000.00
 SPSF Utilization: EEE Consulting, Inc. \$150,000.00
 10%
 SPSF Utilization: Falcon Engineering, Inc. \$75,000.00
 5%
 SPSF Utilization: Patriot Transportation Engineering, PLLC
 \$90,000.00
 6%
 DBE/WBE/SPSF Utilization: Planning Communities, LLC \$180,000.00
 12%
 SPSF Utilization: Ramey Kemp & Associates, Inc. \$75,000.00
 5%

Description of Work: 2015 Planning and Design Limited Services
 Firm: KCI Associates of NC, PA, Raleigh, NC
 Maximum Engineering Fee: \$1,500,000.00
 DBE/WBE/SPSF Utilization: Planning Communities, LLC \$300,000.00
 20%
 DBE/WBE/SPSF Utilization: Ecological Engineering, LLP \$225,000.00
 15%
 SPSF Utilization: Axiom Environmental, Inc. \$20,000.00
 2%
 SPSF Utilization: Sepi Engineering & Construction, Inc.
 \$165,000.00
 11%
 SPSF Utilization: Falcon Engineering, Inc. \$120,000.00
 8%

Description of Work: 2015 Planning and Design Limited Services
 Firm: Parsons Transportation Group, Inc., Raleigh, NC
 Maximum Engineering Fee: \$1,500,000.00
 SPSF Utilization : The Catena Group, Inc. \$75,000.00
 5%
 SPSF Utilization: Hinde Engineering, Inc. \$105,000.00
 7%
 SPSF Utilization: Progressive Design Group, Inc. \$75,000.00
 5%
 SPSF Utilization: Sungate Design Group, PA \$105,000.00
 7%
 DBE/WBE/SPSF Utilization: Three Oaks Engineering, Inc. \$225,000.00
 15%

Description of Work: 2015 Planning and Design Limited Services
 Firm: Simpson Engineers & Associates, PC, Cary, NC
 Maximum Engineering Fee: \$1,500,000.00
 DBE/MBE/SPSF Utilization: 100%

Description of Work: 2015 Planning and Design Limited Services
 Firm: Sepi Engineering & Construction, Inc., Raleigh, NC
 Maximum Engineering Fee: \$1,500,000.00
 SPSF Utilization: 100%

Description of Work: 2015 Planning and Design Limited Services
 Firm: STV Engineers, Inc., Charlotte, NC
 Maximum Engineering Fee: \$1,500,000.00
 DBE/WBE/SPSF Utilization: Chipley Consulting, LLC \$75,000.00
 5%
 DBE/WBE/SPSF Utilization: Ecological Engineering, LLP \$75,000.00
 5%
 SPSF Utilization: Progressive Design Group, Inc. \$75,000.00
 5%

Description of Work: 2015 Planning and Design Limited Services
 Firm: TGS Engineers, Inc., Raleigh, NC
 Maximum Engineering Fee: \$1,500,000.00
 SPSF Utilization: 100%

Description of Work: 2015 Planning and Design Limited Services
 Firm: Vaughn & Melton Consulting Engineers,
 Charlotte, NC
 Maximum Engineering Fee: \$1,500,000.00
 SPSF Utilization: SEPI Engineering & Construction, Inc.
 \$300,000.00
 20%
 DBE/WBE/SPSF Utilization: Three Oaks Engineering, Inc. \$225,000.00
 15%

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 1

Project: 32635.1.2 (B-2500) Dare County
 NC 12 Replacement of the Herbert C. Bonner
 Bridge over Oregon Inlet
 Scope of Work: NEPA and design work for Phase II of the
 project
 Estimated Construction Cost: \$28,200,000.00
 Firm: Parsons Brinckerhoff, Raleigh, NC
 Original Engineering Fee: \$ 695,386.00
 Previous Supplemental Fee: \$5,457,458.00
 Supplemental Fee: \$ 750,000.00
 SPSF Utilization: CRZ, Inc. \$79,500.00
 15%

DIVISION 4

Project: 36595.1.1 (I-4739) Johnston County NC 42
 Interchange with I-40 and improvements in the
 vicinity of the I-40/NC 42 interchange
 Scope of Work: NEPA and design work
 Estimated Construction Cost: \$39,100,000.00
 Firm: Stantec Consulting, Raleigh, NC
 Original Engineering Fee: \$2,220,000.00

Previous Supplemental Fee:	\$1,000,000.00
Supplemental Fee:	\$ 660,000.00
DBE/WBE/SPSF Utilization:	Matteson, Alexander and Associates \$3,800.00 1%

Roadway Design

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

DIVISION 3

Project:	41582.1.1 (R-5021) Brunswick County NC 211 from SR 1500 (Midway Road) to NC 87
Scope of Work:	Roadway and Hydraulic Design, Erosion Control Plans, and Transportation Management Plan
Estimated Construction Cost:	\$40,600,000.00
Firm:	HNTB North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$452,507.05
Previous Supplemental Fee:	\$ 92,370.06
Supplemental Fee:	\$ 40,882.80
Supplemental Work:	Roadway and Hydraulic Design due to avoidance of recently installed power lines and turn lane revisions due to updated traffic counts
SPSF Utilization:	0%

DIVISION 6

Project:	33727.1.1 (B-4490) Cumberland County 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:	\$23,400,000.00
Firm:	Parsons Brinckerhoff, Inc., Raleigh, NC
Original Engineering Fee:	\$104,550.13
Previous Supplemental Fee:	\$ 18,034.22
Supplemental Fee:	\$ 21,312.91
Supplemental Work:	Roadway Design revisions for additional clearance needed over box culvert, extension of project, preparation for Pre-Let Field Inspection, and R/W revisions
SPSF Utilization:	0%

Strategic Planning

Transportation Planning

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: W00820 Statewide
 Statewide Travel Demand Model - perform major work tasks that will be necessary to complete the development of the next phase of the NC Statewide Transportation Model to include key model enhancements and improved application tools

Firm: Parsons Brinckerhoff, Inc., Raleigh, NC

Original Engineering Fee: \$ 137,468.19

Previous Supplemental Fee: \$1,731,798.54

Supplemental Fee: \$ 129,228.18

SPSF Utilization: 0%

Transit**Rail**

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 Comprehensive Multimodal/Rail Planning Services on an as needed basis for various federal-aid and state funded projects to support the Rail Division. These contracts will expire 3 years after the date of execution with the option to extend for one year 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: Comprehensive Multimodal/Rail Planning LSA

Firm: Hatch Mott MacDonald I&E, LLC, Fuquay-Varina, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: 0%

Description of Work: Comprehensive Multimodal/Rail Planning LSA

Firm: Parsons Brinckerhoff, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

DBE/MBE/SPSF Utilization: Simpson Engineers & Associates, PC
 \$300,000.00
 15%

Description of Work: Comprehensive Multimodal/Rail Planning LSA

Firm: Simpson Engineers & Associates, PC, Cary, NC

Maximum Engineering Fee: \$2,000,000.00

DBE/MBE/SPSF Utilization: 100%

Description of Work: Comprehensive Multimodal/Rail Planning LSA

Firm: Stantec Consulting Services Inc., Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Economic Development Research Group, Inc.
 \$300,000.00
 15%

DBE/MBE/SPSF Utilization: BREE & Associates, Inc. \$200,000.00
10%

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

STATEWIDE

Project: WBS 49999.1.STR24 (PIDA)
Passenger Information Display Systems
Scope of Work: Passenger Information Display Systems for
seven train stations
Firm: David E. Gall, Architect, PA, Winston-Salem,
NC
Original Engineering Fee: \$457,878.11
Previous Supplemental Fee: \$ 12,282.54
Supplemental Fee: \$296,115.94
Supplemental Work: 100% Design Phase
SPSF Utilization: Simpson Engineers & Associates, PC
\$25,192.99
DBE/MBE/SPSF Utilization: 9%

Technical Services

Design-Build

The Secretary awarded a design-build contract in May 2015 for the Greenville Southwest Bypass from south of Old NC 11 to US 264 in Pitt County (R-2250). In accordance with the policies and procedures adopted by the Board, a design-build team who was not awarded the project can request payment of a stipend to recover part of the expense of preparation of their proposal. We have received a request for payment of the stipend to the following firms. This is for information only.

DIVISION 2

Project: 34411.3.R7 (R-2250)
Firm: Balfour Beatty Infrastructure Inc./E.V. Williams,
Inc. - Joint Venture, Wilmington, NC
Stipend Amount: \$100,000.00
SPSF Utilization: 0%

Project: 34411.3.R7 (R-2250)
Firm: PLT-TALCO-ROSE (PTL Construction
Company Inc./TA Loving Company/Rose
Brothers Paving Company, Inc. - Joint Venture)
Wilson, NC
Stipend Amount: \$100,000.00
SPSF Utilization: 0%

Project: 34411.3.R7 (R-2250)
Firm: S. T. Wooten Corporation, Wilson, NC
Stipend Amount: \$100,000.00
SPSF Utilization: 0%

The Secretary awarded a design-build contract in June 2015 for the US 64 Bypass from existing US 64 west of Asheboro to existing US 64 east of Asheboro and the Zoo Connector from east of Staleys Farm Road (SR 2839) to existing NC 159/ Zoo Entrance (R-2536). In accordance with the policies and procedures adopted by the Board, a design-build team who was not awarded the project can request payment of a stipend to recover part of the expense of preparation of their proposal. We have received a request for payment of the stipend to the following firms. This is for information only.

DIVISION 8

Project: 34450.3.S1 (R-2536)
 Firm: Asheboro Bypass Builders (Granite Construction Company / Branch Highways, Inc. – Joint Venture), Raleigh, NC
 Stipend Amount: \$150,000.00
 SPSF Utilization: 0%

Project: 34450.3.S1 (R-2536)
 Firm: Blythe Construction, Inc., Charlotte, NC
 Stipend Amount: \$150,000.00
 SPSF Utilization: 0%

Project: 34450.3.S1 (R-2536)
 Firm: The Lane Archer Joint Venture (The Lane Construction Corporation/Archer Western Construction, LLC – Joint Venture), Charlotte, NC
 Stipend Amount: \$150,000.00
 SPSF Utilization: 0%

Chief Engineer

Operations

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

DIVISIONS 1-3,4,6

Description of Work: 2012 Divisions Planning & Design LSC
 Firm: Atkins North America, Raleigh, NC
 Original Engineering Fee: \$2,000,000.00
 Supplemental Fee: \$2,000,000.00 and 6-month time extension
 DBE/MBE/SPSF Utilization: A1 Consulting Group, Inc. \$60,000.00
 3%
 DBE/WBE/SPSF Utilization: CH Engineering, PLLC \$140,000.00
 7%
 SPSF Utilization: Clearbox Forecast Group, PLLC
 \$60,000.00
 3%
 SPSF Utilization: CCRG, Inc. \$40,000.00
 2%
 SPSF Utilization: Falcon Engineering, Inc. \$60,000.00

	3%	
SPSF Utilization:	Hinde Engineering, Inc.	\$60,000.00
	3%	
DBE/WBE/SPSF Utilization:	New South Associates, Inc.	\$40,000.00
	2%	
SPSF Utilization:	Sungate Design Group, PA	\$140,000.00
	7%	
Description of Work:	2012 Divisions Planning & Design LSC	
Firm:	HNTB of North Carolina, PC, Raleigh, NC	
Original Engineering Fee:	\$2,000,000.00	
Supplemental Fee:	\$2,000,000.00 and 6-month time extension	
SPSF Utilization:	Alpha & Omega Group, PC	\$100,000.00
	5%	
SPSF Utilization:	Carolina Land Acquisitions, Inc.	\$20,000.00
	1%	
SPSF Utilization:	Eydo, Inc.	\$20,000.00
	1%	
DBE/WBE/SPSF Utilization:	Mattson, Alexander and Associates, Inc.	
	\$20,000.00	
	1%	
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc.	
	\$100,000.00	
	5%	
Description of Work:	2012 Divisions Planning & Design LSC	
Firm:	H.W. Lochner, Inc., Raleigh, NC	
Original Engineering Fee:	\$2,000,000.00	
Supplemental Fee:	\$2,000,000.00 and 6-month time extension	
DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP	\$200,000.00
	10%	
SPSF Utilization:	CCRG, Inc.	\$20,000.00
	1%	
SPSF Utilization:	Eydo, Inc.	\$20,000.00
	1%	
SPSF Utilization:	Summit Consulting Engineers, PLLC	
	\$100,000.00	
	5%	
DBE/MBE/SPSF Utilization:	Simpson Engineers & Assoc., PC	
	\$100,000.00	
	5%	
SPSF Utilization:	Falcon Engineering, Inc.	\$100,000.00
	5%	
SPSF Utilization:	Mekuria Engineering, Inc.	\$20,000.00
	1%	
Description of Work:	2012 Divisions Planning & Design LSC	
Firm:	VHB Engineering, NC, PC, Watertown, MA	
Original Engineering Fee:	\$2,000,000.00	
Supplemental Fee:	\$2,000,000.00 and 6-month time extension	
DBE/SPSF Utilization:	MI Engineering, PLLC	\$100,000.00
	5%	
SPSF Utilization:	Sungate Design Group, PA	\$100,000.00
	5%	
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC	\$80,000.00

	4%
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$80,000.00
	4%
SPSF Utilization:	Stewart Engineering, Inc. \$60,000.00
	3%
SPSF Utilization:	CCRG, Inc. \$40,000.00
	2%
SPSF Utilization:	Carolina Land Acquisitions, Inc. \$40,000.00
	2%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Mulkey, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 6-month time extension
SPSF Utilization:	100%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Rivers & Associates, Inc., Greenville, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 6-month time extension
SPSF Utilization:	Ramey Kemp & Associates, Inc. \$400,000.00
	20%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC \$100,000.00
	5%
SPSF Utilization:	Joyner Keeny, PLLC \$100,000.00
	5%
SPSF Utilization:	Geotechnologies, Inc., PA \$100,000.00
	5%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 6-month time extension
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	CDM Smith, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 6-month time extension
SPSF Utilization:	Janice K. Anderson, PE, PA \$200,000.00
	10%
SPSF Utilization:	Eydo, Inc. \$140,000.00
	7%
DBE/SPSF Utilization:	MI Engineering, PLLC \$100,000.00
	5%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Moffatt & Nichol, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 6-month time extension
SPSF Utilization:	Ramey Kemp & Associates, Inc. \$200,000.00
	10%
SPSF Utilization:	Falcon Engineering, Inc. \$100,000.00
	5%

SPSF Utilization:	Davis-Martin-Powell & Assoc., Inc. \$160,000.00 8%
SPSF Utilization:	North State Acquisitions, LLC \$40,000.00 2%
SPSF Utilization:	CCRG, Inc. \$100,000.00 5%
SPSF Utilization:	Eydo, Inc. \$20,000.00 1%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Parsons Transportation Group, Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 6-month time extension
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$60,000.00 3%
SPSF Utilization:	Martin Alexiou Bryson, PC \$100,000.00 5%
DBE/SPSF Utilization:	MI Engineering, PLLC \$60,000.00 3%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC \$100,000.00 5%
SPSF Utilization:	Sungate Design Group, PA \$140,000.00 7%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	URS Corporation – North Carolina, Morrisville, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 6-month time extension
DBE/WBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$300,000.00 15%
DBE/WBE/SPSF Utilization:	Utility Coordination Consultants, LLC \$100,000.00 5%
DBE/WBE/SPSF Utilization:	Sepi Engineering & Construction, Inc. \$100,000.00 5%
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$40,000.00 2%
DIVISIONS 5,7-9	
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	AECOM Technical Services of North Carolina Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 1-year time extension
DBE/SPSF Utilization:	MI Engineering, PLLC \$160,000.00 8%
DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP \$160,000.00 8%
SPSF Utilization:	CCRG, Inc. \$20,000.00 1%

SPSF Utilization:	Eydo, Inc.	\$20,000.00
	1%	
SPSF Utilization:	Joyner Keeny, PLLC	\$120,000.00
	6%	
SPSF Utilization:	Summit Consulting Engineers, PLLC	\$100,000.00
	5%	
Description of Work:	2012 Divisions Planning & Design LSC	
Firm:	CH Engineering, PLLC, Raleigh, NC	
Original Engineering Fee:	\$2,000,000.00	
Supplemental Fee:	\$2,000,000.00 and 1-year time extension	
DBE/WBE/SPSF Utilization:	100%	
Description of Work:	2012 Divisions Planning & Design LSC	
Firm:	ICA Engineering, Inc., Raleigh, NC	
Original Engineering Fee:	\$2,000,000.00	
Supplemental Fee:	\$2,000,000.00 and 1-year time extension	
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC	\$300,000.00
	15%	
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc.	\$40,000.00
	2%	
SPSF Utilization:	Eydo, Inc.	\$40,000.00
	2%	
SPSF Utilization:	CCRG, Inc.	\$40,000.00
	2%	
SPSF Utilization:	Carolina Land Acquisitions, Inc.	\$40,000.00
	2%	
Description of Work:	2012 Divisions Planning & Design LSC	
Firm:	Hatch Mott MacDonald I&E, LLC, Fuquay-Varina, NC	
Original Engineering Fee:	\$2,000,000.00	
Supplemental Fee:	\$2,000,000.00 and 1-year time extension	
DBE/MBE/SPSF Utilization:	Simpson Engineers & Assoc., PC	\$40,000.00
	2%	
SPSF Utilization:	Eydo, Inc.	\$20,000.00
	1%	
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group, Inc.	\$20,000.00
	1%	
SPSF Utilization:	Falcon Engineering, Inc.	\$40,000.00
	2%	
Description of Work:	2012 Divisions Planning & Design LSC	
Firm:	KCI Associates of North Carolina, PA, Raleigh, NC	
Original Engineering Fee:	\$2,000,000.00	
Supplemental Fee:	\$2,000,000.00 and 1-year time extension	
DBE/SPSF Utilization:	Sepi Engineering & Construction, Inc.	\$300,000.00
	15%	
SPSF Utilization:	Sungate Design Group, PA	\$200,000.00

DBE/WBE/SPSF Utilization:	10% Planning Communities, LLC \$200,000.00
DBE/WBE/SPSF Utilization:	10% Mattson, Alexander & Associates, Inc. \$400,000.00
SPSF Utilization:	20% Environmental Services, Inc. \$400,000.00 20%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Kimley-Horn & Associates, Inc., Cary, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 1-year time extension
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$240,000.00
SPSF Utilization:	12% Falcon Engineering, Inc. \$120,000.00
DBE/WBE/SPSF Utilization:	6% New South Associates, Inc. \$40,000.00
SPSF Utilization:	2% Carolina Land Acquisitions, Inc. \$40,000.00
SPSF Utilization:	2% Eydo, Inc. \$20,000.00 1%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Parsons Brinckerhoff, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 1-year time extension
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$40,000.00
SPSF Utilization:	2% Eydo, Inc. \$40,000.00 2%
DBE/WBE/SPSF Utilization:	Mattson, Alexander & Associates, Inc. \$40,000.00 2%
DBE/SPSF Utilization:	MI Engineering, PLLC \$100,000.00 5%
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$40,000.00 2%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Ramey Kemp & Associates, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 1-year time extension
SPSF Utilization:	100%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Sepi Engineering & Construction, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 1-year time extension

DBE/WBE/SPSF Utilization:	100%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Stantec Consulting Services, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 1-year time extension
SPSF Utilization:	Sungate Design Group, PA \$200,000.00 10%
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. \$200,000.00 10%
DBE/SPSF Utilization:	MI Engineering, PLLC \$200,000.00 10%
SPSF Utilization:	Eydo, Inc. \$20,000.00 1%
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$20,000.00 1%
DBE/WBE/SPSF Utilization:	Mattson, Alexander & Associates, Inc. \$20,000.00 1%
SPSF Utilization:	CCRG, Inc. \$20,000.00 1%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Stewart Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 1-year time extension
SPSF Utilization:	100%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 1-year time extension
SPSF Utilization:	100%
Description of Work:	2012 Divisions Planning & Design LSC
Firm:	US Infrastructure of Carolina, Inc., Charlotte, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00 and 1-year time extension
SPSF Utilization:	100%

Asset Management

Management Systems and Assessments

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts were necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the project. Our staff has

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

STATEWIDE

Description of Work:	Maintenance Condition Assessment Surveys Limited Services
Firm:	Volkert, Inc., Raleigh, NC
Original Engineering Fee:	\$250,000.00
Previous Supplemental Fee:	\$375,000.00
Supplemental Fee:	\$475,000.00 + 1-year time extension
SPSF Utilization:	0%

Description of Work:	Maintenance Condition Assessment Surveys Limited Services
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$500,000.00
Previous Supplemental Fee:	\$820,000.00
Supplemental Fee:	\$920,000.00 + 1-year time extension
DBE/WBE/SPSF Utilization:	100%

Description of Work:	Maintenance Condition Assessment Surveys Limited Services
Firm:	Sepi Engineering & Construction, Inc., Raleigh, NC
Original Engineering Fee:	\$150,000.00
Previous Supplemental Fee:	\$240,000.00
Supplemental Fee:	\$340,000.00 + 1-year time extension
DBE/WBE/SPSF Utilization:	100%

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.	Description	Amount
Brunswick Div. 3	SR 1570 Jack & Jill Road	GDB&P. Increase Funds. WBS 3C.010061	\$28,788.39
Brunswick Div. 3	SR 1154 Duck Pond Road	GDB&P. Increase Funds. WBS 3C.010067	\$42,073.08
Brunswick Div. 3	SR 1437 Old Fayetteville Road	GDB&P. Increase Funds. WBS 3C.010069	\$38,767.29
Brunswick Div. 3	SR 1973 Sykes St	GDB&P. Increase Funds. WBS 3C.010078	\$3,672.42
Brunswick Div. 3	SR 1752 Killians Way	GDB&P. Increase Funds. WBS 3C.010083	\$8,892.96
Brunswick Div. 3	Various	Patching Camelia and Driftwood Roads. Increase Funds. WBS 3C.010091	\$9,004.83
Brunswick Div. 3	Various	Pavement Stabilization. Increase Funds. WBS 3C.010101	\$58,010.57
Caswell Div. 7	SR 1331 Ralph Daniels Road	GDB&P. Increase Funds. WBS 7C.017098	\$200,000.00
Guilford Div. 7	SR 2761 Falcon Road	GDB&P. Increase Funds. WBS 7C.041209	\$15,000.00
Davidson Div. 9	SR 3051 Crotts Lane	GDB&P. Increase Funds. WBS 9C.029094	\$44,401.43
Rowan Div. 9	SR 2311 Queener's Court	GDB&P. Increase Funds. WBS 9C.080127	\$175,000.00

Stokes Div. 9	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 9C.085022	\$2,399.79
Alleghany Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 11C.003011	\$54,952.32
Ashe Div. 11	Various	Countywide Surveys and Right of Way Signatures. Increase Funds. WBS 11C.005035	\$100,000.00
Ashe Div. 11	SR 1358F Bear Wallow Road	GDB&P. Increase Funds. WBS 11C.005067	\$150,000.00
Ashe Div. 11	SR 1358E Bear Wallow Road	GDB&P. Increase Funds. WBS 11C.005081	\$350,000.00
Ashe Div. 11	SR 1393 Mahala Road	GDB&P. Increase Funds. WBS 11C.005109	\$150,000.00
Ashe Div. 11	SR 1387 Dr. Robinson Road	GDB&P. Increase Funds. WBS 11C.005127	\$100,000.00
Ashe Div. 11	SR 1666 W.A. Reed Road	GDB&P. Increase Funds. WBS 11C.005128	\$150,000.00
Ashe Div. 11	SR 1111 Big Flatts Church Road	GDB&P. Increase Funds. WBS 11C.005138	\$279,959.41
Avery Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 11C.006014	\$133,963.74
Avery Div. 11	SR 1103 Bent Road	GDB&P. Increase Funds. WBS 11C.006052	\$50,000.00

Avery Div. 11	Various	Countywide Construction and Maintenance. Increase Funds. WBS 11C.006059	\$75,000.00
Caldwell Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 11C.014020	\$200,000.00
Caldwell Div. 11	SR 1513A Indian Grave Road	GDB&P. Increase Funds. WBS 11C.014050	\$341,284.32
Caldwell Div. 11	SR 1562 McMillian Place	GDB&P. Increase Funds. WBS 11C.014084	\$10,000.00
Surry Div. 11	SR 2078 Sam Scott Road	GDB&P. Increase Funds. WBS 11C.086114	\$19,435.03
Surry Div. 11	SR 1120 Martin Road	GDB&P. Increase Funds. WBS 11C.086131	\$8,000.00
Wilkes Div. 11	Various	Maintenance of VFD's. Increase Funds. WBS 11C.097026	\$100,000.00
Wilkes Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 11C.097027	\$1,076,612.49
Wilkes Div. 11	Various	Countywide Surveys and Right of Way Signatures. Increase Funds. WBS 11C.097028	\$100,000.00
Wilkes Div. 11	SR 1752 Swaringen Road	GDB&P. Increase Funds. WBS 11C.097146	\$150,000.00
Wilkes Div. 11	SR 2020 Settle Road	GDB&P. Increase Funds. WBS 11C.097149	\$150,000.00

Wilkes Div. 11	SR 1158 Conley Shumaker Road	GDB&P. Increase Funds. WBS 11C.097165	\$150,000.00
Wilkes Div. 11	SR 2039 Collins Farm Road	GDB&P. Increase Funds. WBS 11C.097166	\$150,000.00
Wilkes Div. 11	SR 2610 Greenberry Lane	GDB&P. Increase Funds. WBS 11C.097167	\$18,668.78
Yadkin Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 11C.099013	\$27,683.44
McDowell Div. 13	SR 1360 Little Acres Road	Upgrade to Maintenance Standards. Increase Funds. WBS 13C.059088	\$1,175.63
Henderson Div. 14	Various	Countywide Surveys and Right of Way Signatures. Increase Funds. WBS 14C.045068	\$1,000.00
Henderson Div. 14	SR 1347 Foster Creek Road	GDB&P. Increase Funds. WBS 14C.045146	\$30,000.00
Henderson Div. 14	SR 1580 Lanning Road	GDB&P. Increase Funds. WBS 14C.045149	\$10,000.00
Polk Div. 14	Various	Countywide Surveys and Right of Way Signatures. Increase Funds. WBS 14C.075026	\$1,085.95
Transylvania Div. 14	Various	Countywide Surveys and Right of Way Signatures. Increase Funds. WBS 14C.088023	\$26,000.00
Transylvania Div. 14	SR 1301 Cold Mountain Road	GDB&P. Increase Funds. WBS 14C.088064	\$97,000.00
Transylvania Div. 14	SR 1307 Shelton Road	GDB&P. Increase Funds. WBS 14C.088075	\$200,000.00

Transylvania Div. 14	SR 1151 Cash Road	GDB&P. Increase Funds. WBS 14C.088076	\$500.00
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Closings

Division	County	WBS Element	Road Number / Name	Amount
Div. 3	Brunswick	3C.010073	GDB&P. SR 1354, Friendship Road. Increase and Close.	\$67,785.11
Div. 3	Brunswick	3C.070063	GDB&P. SR 1918, Jenrette Road. Increase and Close.	\$76,657.72

Deletions

County	SR No.	Reason	Amount
Dare Div. 1	SR 1135 Baumtown Road	GDB&P. Funded By Another Source. WBS 1C.028041	-\$19,529.79
Dare Div. 1	SR 1472 Due East Road	Pavement Strengthening. Funded By Another Source. WBS 1C.028046	-\$15,000.00
Gates Div. 1	Eure VFD	Maintenance of Eure VFD. Funded By Another Source. WBS 1C.037056	-\$28,348.01
Mecklenburg Div. 10	SR 2195 Torrence Chapel Road	Widening. Insufficient Funds to Complete. WBS 10C.060064	-\$127,000.00
Union Div. 10	SR 1627 New Salem Road	Intersection Improvements. Funded By Another Source. WBS 10C.090121	-\$17,049.33

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:

County	Description	Type	Amount
Div 6 Columbus	Construct drive to Old Dock-Cypress Creek VFD Satellite Station located on SR 1930 (Crusoe Island Rd) WBS 46438	Public Access	\$25,000.00
		<u>TOTAL</u>	<u>\$25,000.00</u>
Div 6 Robeson	Construct drive to Whitehouse Volunteer Fire Dept sub-station located on SR 2465 (Gerald Rd) WBS 46428	Public Access	\$25,000.00
		<u>TOTAL</u>	<u>\$25,000.00</u>
Div 10 Cabarrus	Town of Harrisburg – WBS 43370 was established (05/14) to construct extension of Raging Ridge Road from end of pavement to SR 1161 (Stallings Rd) - length approximately 0.3 miles; provides ingress/egress for Hickory Ridge High School and Hickory Ridge Middle School (funds in lieu of bus driveway/parking) Increase funds	Public Access	\$100,000.00
		<u>TOTAL</u>	<u>\$100,000.00</u>

Deletions:

Div 1, Dare County, Town of Duck – WBS 44134 was established (05/14) for storm water improvements consisting of Installation of 24" HDPE drainage pipe, ditch grading, one junction structure, and associated erosion control extending from NC-12 to the Currituck Sound; Town decided not to move forward with project

Div 1, Pasquotank County, Elizabeth City – WBS 43078 was established (09/10) to widen pavement and construct curb and gutter along E Burgess St; Funded under separate project

Div 1, Washington County, Town of Plymouth – WBS 38223 was established (05/04) for participation in a drainage project with the Town to benefit US-64; Town did not seek reimbursement

Summary:	Number of Projects	3
	Number of Divisions	2
	Small Construction Commitment	\$0.00
	Public Access Commitment	\$150,000.00
	Contingency Commitment	\$0.00
	Economic Development	\$0.00
	TOTAL	<u>\$150,000.00</u>

Action Items

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

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

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 3				
Duplin	50845	0.25	Duplin Country Club Subdivision Quinn Drive	5/27/15
Onslow	50846	0.32 0.25 0.02	The Bluff's at Starling Point Subdivision Summer Rest Trail Tree Hill Lane Tree Hill Court	6/4/15
Onslow	50847	0.18 0.31 0.13 0.05	Sagewood Subdivision Sinclair Lane Parsley Drive Bristol Lane Wickford Place	6/25/15
Onslow	50848	0.09 0.09	Forest Ridge Subdivision Forest Ridge Trail Lilley Grace Court	6/15/15
Onslow	50849	0.31	Cottle Branch Subdivision Cottle Court	6/25/15
Pender	50850	0.27 0.11	Avendale Subdivision Avendale Drive Raven Drive	6/12/15
Division 4				
Johnston	50851	0.05 0.05 0.05 0.04	Hunter's Mill Subdivision Falling Oak Court Oakton Drive Timber Croft Drive Twin Leaf Circle	3/16/15
Johnston	50852	0.05 0.36 0.08 0.41	Tuscany Subdivision Saint Martin Way Florence Drive Marsala Drive Genoa Lane	3/12/15

0.03 Torino Avenue
 0.16 Sunflower Way
 0.18 Salerno Drive
 0.11 Sardinia Lane
 0.08 Naples Lane
 0.49 Tuscan Ridge Road

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 7				
Guilford	50853	0.39	Fields Farm Road	6/23/15
Orange	50854	0.05	Ben Wilson Road, SR 1140 Ext.	4/15/15
Orange	50855	0.48	Ben Wilson Road, SR 1182 Ext.	4/15/15
Rockingham	50856	0.40	Rolling Brook Estates Subdivision Angieline Drive	1/29/15
Division 9				
Davidson	50857	0.11	Carrington Place Subdivision Carrington Lane	6/15/15
Davie	50858	0.72	Gildan Drive	6/12/15
Forsyth	50859	0.29	Breyerton Subdivision Smokerise Lane, SR 4400 Ext.	7/13/15
		0.03	Bonita Court	
		0.09	Glen Ridge Drive	
		0.06	Catrina Way	
Division 13				
Buncombe	50860	0.08	Woodbriar Subdivision Forestwood Road	3/12/15
		0.20	Woodthorn Road	
		0.12	Woodbriar Road	
		0.08	Thistlewood Court	

Road Abandonments:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 3				
New Hanover	50861	0.56	SR 2432 Raleigh Street	6/15/15
Division 7				
Orange	50862	0.05	Portion of SR 1182 Ben Wilson Road	4/15/15
Orange	50863	0.04	Portion of SR 1182 Ben Wilson Road	4/15/15

Rockingham 50864 0.23 Portion of SR 2030 Lovelace Creek Road 2/5/15

Road Abandonments:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 13 Yancey	50865	0.06	Portion of SR 1203 Lana Lane	6/16/15

Mileage Correction:

Division 5 - Durham County – International Drive was added for 0.65 miles. The correct mileage should be 0.88 miles.

Summary: Number of Petitions for Addition 41
Number of Petitions for Abandonment 5

Approval – Public Transportation

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

ADMINISTRATIVE MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TA-5180	Winston-Salem Transit Authority	Purchase of twelve (12) small, low-floor, light duty gasoline engine, expansion buses for paratransit ADA service	FBUS	5339	1,296						
			Local	L	229						

MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TE-49017	Charlotte Area Transit System	Fixed Guideway, Blue Line Extension – Plans, Design, Acquisition, Construction, TIFIA Loan – Local amount in FY 2016 includes Federal TIFIA Loan to City of Charlotte for \$180M	FNS	5309	100000	115000	100000	59235			
			State	S	25000	25000	25000	25000	25000	25000	25000
			Local	L	29586	214107					
					FY 22						
		CONTINUED	FNS	5309							
			State	S	16328						
			Local	L							
TM-5309	Winston-Salem Transit Authority	Job Access/Reverse Commute Capital, Planning, Operating Cost	FUZ	5307	55						
			Local	L	55						
TQ-7001	Winston-Salem Urban Area MPO	Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310) Administrative	FEPD	5310	0						
					0						

Item I-1A, 4 Projects, Total Federal/State funds \$566,914,000

Approval - Rail Program

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

Town/County Division	Project Description	Estimated Cost
Statewide	<p>The Rail Division requests Board approval, endorsement and adoption of the 2015 Comprehensive State Rail Plan. North Carolina General Statute 136-44.36 designates the Department of Transportation as the agency to administer federal and State railroad revitalization programs and to develop a state rail plan, and the Board of Transportation to adopt a State Railroad Plan. The Passenger Rail Investment and Improvement Act of 2008 (PRIIA) mandates that States develop and submit a State-approved State Rail Plan to the Secretary of Transportation of the United States Department of Transportation.</p> <p>As part of the State Rail Plan, the Department has identified a program of needed rail infrastructure and programmatic investments and an objective methodology to evaluate individual projects and programs. Plan recommendations were presented to the Board of Transportation Multi-modal Committee on January 7, 2015 and the Draft Comprehensive State Rail Plan was submitted for public comment on February 25, 2015.</p>	N/A
Division 4 Halifax County	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds (FRRCSI) in order to partially finance the costs of constructing a rail industrial access track to serve Klausner Lumber. The company is developing a new facility in Halifax County and proposes to hire 268 employees and invest over \$110 million in the facility and local economy. Klausner Lumber anticipates shipping over 850 carloads of rail freight per year and therefore is in need of rail access in order to develop the new facility in Halifax County. Funding is contingent on a completed Rail Industrial Access application, an environmental review, a construction schedule that complies with grant requirements, all other Rail Industrial Access Program/Freight Rail & Rail Crossing Safety program requirements being satisfied, and on implementation of transportation improvements necessary to protect the safety of contractors and employees of Klausner Lumber. The total cost to the Rail Division is estimated to be 50% not to exceed \$250,000.</p> <p>This project replaces the Mariner project that was approved by the Board in May 2015.</p>	\$250,000
Division 7 Orange County	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the closure of Gordon Thomas Drive (Crossing No. 735 199, 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, including 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.</p>	\$1,100,000

Division 9 Davidson County	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the Winston-Salem Southbound Railway (WSSB) to refurbish a siding near Lexington to serve a new customer, Leggett & Platt. Leggett & Platt plans to transload up to 100 carloads per year of steel. The Department shall participate in 50% of actual project costs not to exceed \$26,000.	\$26,000
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ITEM I-2 SUMMARY – 4 PROJECTS – (TOTAL STATE) \$1,376,000

Approval – Specific State Funds for Construction Projects

A motion was made by Board Member Overholt, seconded by Board Member Perkins, to approve the following. Board Member Curran noted a conflict of interest on project R2248 in Mecklenburg County.

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Carrboro/ Orange Co. Div. 7 U-2803 DIVISION	WBS 34860.3.1 SR 1919 (Smith Level Road) from Rock Haven Road to Bridge No. 88 over Morgan Creek in Carrboro. \$3,988,762.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$337,323.00
Alleghany Co. Div. 11 R-4060 DIVISION	WBS 34605.1.2 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. \$840,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$144,336.00

ITEM J SUMMARY	2 PROJECTS	\$481,659.00
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 F-5000 REGIONAL	WBS 41146.3.2 Cherry Branch Visitor's Center replacement. Initial funds are requested for construction. This is a Strategic Transportation Investments Transition project.	\$1,900,000.00

Statewide Div. 2 M-0488G STATEWIDE	WBS 46404.1.7 Greenville Southwest Bypass - Map Act Lawsuit. Initial funds are requested for preliminary engineering / legal services.	\$200,000.00
Pender Co. Div. 3 B-4929 REGIONAL	WBS 40233.2.1 Replace Bridge #16 over the Intracoastal Waterway on NC 50/210. Initial funds are requested for full right of way.	\$11,250,000.00
Wake Co. Div. 5 R-2635D STATEWIDE	WBS 35520.3.S5 NC 540 (Triangle Expressway) Interchange with SR 1153 (Holly Springs/Apex Road). \$18,386,600.00 has previously been approved for construction. Funds need to be increased by \$1,894,012.00 to reflect the low bid received on June 26, 2015. This is a Strategic Transportation Investments Transition project.	\$1,894,012.00
Robeson Co. Div. 6 P-4900A STATEWIDE	WBS 41099.3.2 Railroad Bypass of Pembroke to allow North to South shipments to turn East. Grading and structures for new rail connector in northeast quadrant between CSX A-Line and CSX SE Line. Initial funds are requested for construction. This is a Strategic Transportation Investments Transition project.	\$8,200,000.00
Pembroke/ Robeson Co. Div. 6 P-4900C STATEWIDE	WBS 41099.3.4 Railroad Bypass of Pembroke to allow North to South shipments to turn East. Railroad track construction for new rail connector in northeast quadrant between CSX A-line and CSX SW line. Initial funds are requested for construction. This is a Strategic Transportation Investments Transition project.	\$6,200,000.00
Forsyth Co. Div. 9 U-5551 DIVISION	WBS 46310.1.1 New route east of SR 1101 (Harper Road) to SR 1103 (Lewisville-Clemmons Road) in Clemmons. Initial funds are requested for preliminary engineering. This is an Economic Development project.	\$100,000.00
Jones/ Onslow Cos. Div. 2/3 R-2514C STATEWIDE	WBS 34442.2.4 US 17 from North of Maysville to South of NC 58 near Pollocksville. \$8,600,000.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$104,207.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.1.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$6,722,671.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously	\$217,954.00

authorized budget.

Rutherford Co. Div. 13 R-2233AB STATEWIDE	WBS 34400.3.2 US 221 from just south of Floyd's Creek to just north of US 74 Bypass, 6.027 miles. \$35,800,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$117,210.00
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Winston- Salem/ Forsyth Co. Div. 9 U-2579E STATEWIDE	WBS 34839.2.8 Winston-Salem Northern Beltway (Eastern Section) from SR 2211 (Baux Mountain Road) to NC 8. \$3,806,447.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Funds are no longer needed for Specific Parcel 897 (rescinded).	-\$127,781.00
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Charlotte/ Mecklenburg Co. Div. 10 R-2248WM STATEWIDE	WBS 34410.4.1 Wetland mitigation projects for I-485 (Charlotte Outer Loop). \$1,103,000.00 has previously been approved for wetland mitigation. Additional funds are requested. This is a Strategic Transportation Investments Transition project.	\$30,000.00
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STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	10 PROJECTS	\$16,921,645.98
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$13,150,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$100,000.00
SUMMARY OF FUNDS	13 PROJECTS	\$30,171,645.98

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide SS-4915A	WBS 44540.1.1 NCDOT will be using \$25,000.00 FHWA STIC (State Transportation Innovation Council) incentive funding to hire a firm to procure and evaluate FHWA WISE (Work Zone Impacts and Strategies Estimator Software). Total Project cost = \$30,000.00. Initial preliminary engineering funds are requested	\$30,000.00 Cost \$25,000.00 Fed. \$5,000.00 State

Durham/ Durham Co. Div. 5 SS-4905BP	WBS 43696.3.1 SR 1327 (Gregson Street) at Club Boulevard; SR1327 (Gregson St) at Peabody; SR 1327 (Gregson Street) between the I-85 NB off ramp and the entrance to Northgate Mall. \$197,500.00 in construction funds has previously been approved for safety improvements. Additional funds are needed due to an increase in construction costs. File 05-12-1280-3	\$34,000.00
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Durham/ Durham Co. Div. 5 SS-4905BT	WBS 43783.3.1 SR 1445 (Duke Street) at Club Boulevard; US 15-501 Business (Roxboro Street) at Pettigrew Street. \$157,000.00 in construction funds has previously been approved for safety improvements. Additional funds are needed due to an increase in construction costs. File 05-12-2529-3	\$44,000.00
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ITEM L SUMMARY	3 PROJECTS	\$83,000.00
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Approval – Funds for Specific Federal-Aid Projects

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

Division 1

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Northampton Co. Z-5400AF REGIONAL	43600.3.55, RR-0046(7) Railway-Highway Grade Crossing Safety Project at the intersection of NC 46 / NC 186 and the Norfolk Southern Railway Tracks; Crossing #629 643M near Garysburg. Funds are needed for construction for the installation of Highway-Railway traffic control crossing warning devices.	\$404,000.00 Cost \$323,200.00 Fed. \$80,800.00 State
Northampton Co. Z-5400AF REGIONAL	43600.1.55, RR-0046(7) Railway-Highway Grade Crossing Safety Project at the intersection of NC 46 / NC 186 and the Norfolk Southern Railway Tracks; Crossing #629 643M near Garysburg. \$20,102.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$41,000.00 Cost \$32,800.00 Fed. \$8,200.00 State

Division 2

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. U-5730 REGIONAL	54021.1.1, NHP-0013(45) US 13 (Memorial Drive) at NC 43 (5th Street). Funds are needed for preliminary engineering.	\$18,800.00 Cost \$15,040.00 Fed. \$3,760.00 State
Safety		
Beaufort Co. SS-4902BT REGIONAL	44502.1.1, HSIP-0099(18) NC 99 between US 264 in Pantego and the Hyde/Washington County line. Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,250.00 Fed. \$250.00 State
Pitt Co. SS-4902BU DIVISION	44503.1.1, HSIP-1755(9) SR 1755 (Black Jack-Simpson Road) at SR 1760 (Mobley's Bridge Road). Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,250.00 Fed. \$250.00 State
Pitt Co. SS-4902BV REGIONAL	44504.1.1, HSIP-0043(24) NC 43 between 0.2 miles south and 0.1 miles north of SR 1735 (Tull Road). Funds are needed for preliminary engineering.	\$32,000.00 Cost \$28,800.00 Fed. \$3,200.00 State

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimate d Cost
Craven Co. EB-5501 DIVISION	50017.3.FD1, STPEB-1309(11) SR 1309 (Glenburnie Road) from Elizabeth Avenue to NC 55 (Neuse Boulevard). Funds are needed for construction for a multi-use path. This is a Strategic Transportation Investments Transition project.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
Craven Co. EB-5502 DIVISION	50018.3.FD1, STPEB-0055(59) NC 55 (Neuse Boulevard) from NC 55 (1st Street) to SR 1309 / SR 1402 (Glenburnie Road) in New Bern. Funds are needed for construction for a 5-foot wide concrete sidewalk. This is a Strategic Transportation Investments Transition project.	\$435,000.00 Cost \$348,000.00 Fed. \$87,000.00 State

Division 3

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Brunswick Co. SS-4903BY REGIONAL	44508.1.1, HSIP-0087(35) NC 87 from Hunters Ridge Drive to Leigh Court. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
New Hanover Co. SS-4903BW REGIONAL	44506.1.1, HSIP-0117(36) US 117 / NC 132 (N. College Road) at Ringo Street. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
Onslow Co. SS-4903BV REGIONAL	44505.1.1, HSIP-0258(25) US 258 at SR 1250 (Bratton Drive). Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
Onslow Co. SS-4903BX REGIONAL	44507.1.1, HSIP-0258(26) US 258 at SR 1135 (Morningside Drive). Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
Onslow Co. W-5203W STATEWIDE	45333.1.FS23, HSIP-0017(137) US 17 at SR 1327 (Kellum Loop Road) and SR 1410 (Halltown Road). \$72,500.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$78,000.00 Cost \$70,200.00 Fed. \$7,800.00 State
Onslow Co. W-5203X STATEWIDE	45333.1.FS24, HSIP-0017(138) US 17 (New Bern Highway) and SR 1407 (Wolf Swamp Road) and SR 1326 (Drummer Kellum Road). \$130,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$14,000.00 Cost \$12,000.00 Fed. \$2,000.00 State

Division 4

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wayne Co. R-2554D STATEWIDE	34461.3.FS9, NHPP-000S(784) Goldsboro Bypass - Implementation of Intelligent Transportation System (ITS). Funds are needed for construction for the installation of devices for Intelligent Transportation System (ITS). This is a Strategic Transportation Investments Transition project.	\$1,125,000.00 Cost \$900,000.00 Fed. \$225,000.00 State

Safety

Halifax Co. W-5601BU DIVISION	50138.1.74, HSIP-1434(5) SR 1434 (Sam Powell Dairy Road) between NC 48 in Roanoke Rapids and NC 48 south of Rheasville. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
Johnston Co. SS-4904DK DIVISION	44511.1.1, HSIP-1701(1) SR 1701 (Wendell Road) at SR 1716 (Lake Wendell Road). Funds are needed for preliminary engineering.	\$4,500.00 Cost \$4,050.00 Fed. \$450.00 State
Johnston Co. W-5601BV REGIONAL	50138.1.75, HSIP-0039(10) NC 39 at NC 42. Funds are needed for preliminary engineering.	\$125,000.00 Cost \$112,500.00 Fed. \$12,500.00 State
Johnston Co. W-5601BW REGIONAL	50138.1.76, HSIP-0042(63) NC 42 at SR 1525 (Cornwallis Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Johnston Co. W-5601BX REGIONAL	50138.1.77, HSIP-0210(35) NC 210 at SR 1162 (Black Creek Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Johnston Co. W-5601BZ DIVISION	50138.1.79, HSIP-1720(3) SR 1720 (Thanksgiving Fire Road) between approximately 0.1 mile south and approximately 0.1 mile north of SR 1943 (New Creech Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Nash Co. SS-4904DL REGIONAL	44512.1.1, HSIP-0581(27) NC 581 at SR 1134 (Strickland Road); NC 581 at SR 1109 (Stoney Hill Church Road). Funds are needed for preliminary engineering.	\$7,500.00 Cost \$6,750.00 Fed. \$750.00 State
Wayne Co. SS-4904DJ STATEWIDE	44510.1.1, HSIP-0070(192) US 70 between 0.5 mile west of the Johnston/Wayne County Line and SR 1237 (Community Drive) / SR 1381 (Aulander Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wayne Co. W-5601BS REGIONAL	50138.1.72, HSIP-0013(44) US 13 at SR 1127 (Herring Road). Funds are needed for preliminary engineering.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State
Wayne Co. W-5601BT STATEWIDE	50138.1.73, HSIP-0117(35) US 117 at NC 55. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Wayne Co. W-5601BY DIVISION	50138.1.78, HSIP-1008(25) SR 1008 (Stevens Mill Road) in the vicinity of SR 1224 (Ferry Bridge Road). Funds are needed for preliminary engineering.	\$4,500.00 Cost \$4,050.00 Fed. \$450.00 State

**Division 5
Congestion Mitigation**

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Granville Co. C-5567 EXEMPT	50104.1.1, CMS-0536(4) Town of Butner - East Lyon Station Greenway Extension. Funds are needed for preliminary engineering.	\$35,000.00 Cost \$28,000.00 Fed. \$7,000.00 Local
Wake Co. C-5163 EXEMPT	46228.1.1, CMS-0503(17) Cary - Crabtree Creek Greenway. \$434,400.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$117,000.00 Cost \$93,600.00 Fed. \$23,400.00 Local

Enhancement

Wake Co. EL-5100GG DIVISION	41821.3.43, STPDA-0503(24) Cary - Old Reedy Creek Road Trailhead study. Funds are needed for construction for a Greenway Trailhead to identify, study and analyse potential Trailhead parking areas.	\$1,015,513.00 Cost \$812,410.00 Fed. \$203,103.00 Local
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Bridge

Wake Co. B-5121 REGIONAL	42263.2.U1, BRNHS-0070(119) Replace Bridge #227 over Peace Street on US 70. Funds are needed for utilities.	\$5,841,000.00 Cost \$4,672,800.00 Fed. \$1,168,200.00 State
Wake Co. B-5121 REGIONAL	42263.2.1, BRNHS-0070(119) Replace Bridge #227 over Peace Street on US 70. Funds are needed for full right of way.	\$11,322,000.00 Cost \$9,057,600.00 Fed. \$2,040,000.00 State \$224,400.00 Local

Safety

Durham Co. SS-4905CY REGIONAL	44515.1.1, HSIP-0015(48) US 15-501 Business (University Drive) at SR 1445 (Duke Street). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Franklin Co. SS-4905CZ REGIONAL	44516.1.1, HSIP-0096(20) NC 96 at SR 1127 (Pocomoke Road) / SR 1141 (Bruce Garner Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. SS-4905CW DIVISION	44513.1.1, HSIP-1007(31) SR 1007 (Poole Road) at SR 5233 (Old Poole Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

Wake Co. SS-4905CX DIVISION	44514.1.1, HSIP-2000(9) SR 2000 (Wake Forest Road) at Ronald Drive/Ollie Street. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. W-5205K REGIONAL	45335.1.11, HRRR-0042(52) NC 42 at SR 2740 (Mt. Pleasant Road) / SR 2739 (Barber Bridge Road). \$46,904.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
Wake Co. W-5205O STATEWIDE	45335.3.15, HSIP-0064(170) US 64 Eastbound at US 1 Northbound and SR 1009 (Tryon Road) at US 1 Northbound On-Ramp / Regency Parkway. Funds are needed for construction to install turning lanes.	\$925,000.00 Cost \$832,500.00 Fed. \$92,500.00 State
Wake Co. W-5205O STATEWIDE	45335.2.15, HSIP-0064(170) US 64 Eastbound at US 1 Northbound and SR 1009 (Tryon Road) at US 1 Northbound On-ramp / Regency Parkway. Funds are needed for full right of way and utilities.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
Wake Co. W-5205QB REGIONAL	45335.3.FS18, HSIP-0070(117) US 70 (Capital Boulevard) just north of Lane Street. Funds are needed for construction for open graded friction course installation and super-elevation improvements.	\$525,000.00 Cost \$472,500.00 Fed. \$52,500.00 State
Wake Co. W-5205U DIVISION	45335.3.22, HSIP-2215(5) SR 2215 (Buffalo Road) in the vicinity of SR 2939 (Willow Creek Drive). Funds are needed for construction to widen and wedge a curve.	\$305,000.00 Cost \$274,500.00 Fed. \$30,500.00 State

**Division 6
National Highway**

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. U-2519CA STATEWIDE	34817.1.4, NHP-0620(31) Fayetteville Outer Loop from south of US 401 to south of SR 1400 (Cliffdale Road). Funds are needed for preliminary engineering.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
Safety		
Cumberland Co. SS-4906CG REGIONAL	44517.1.1, HSIP-0024(70) NC 24 / NC 87 (Bragg Boulevard) in the Town of Spring Lake. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State

Cumberland Co. W-5206AH DIVISION	45336.3.34, HSIP-1403(16) SR 1403 (Reilly Road) from SR 1400 (Cliffdale Road) to Willowbrook / Kimridge in Fayetteville. Funds are needed for construction to install pedestrian facilities and construct a raised median.	\$1,800,000.00 Cost \$1,620,000.00 Fed. \$180,000.00 State
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High Priority

Lumberton / Robeson Co. U-5524 DIVISION	50067.3.FD1, HPP-0627(7) SR 1536 (Water Street) from SR 1600 (5th Street) to 8th Street. Funds are needed for construction for a roundabout.	\$1,300,000.00 Cost \$1,040,000.00 Fed. \$260,000.00 State
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Division 7

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. C-5558 EXEMPT	55063.2.U1, CMS-0710(29) High Point Signal System. Funds are needed for utilities.	\$450,000.00 Cost \$360,000.00 Fed. \$76,500.00 State \$13,500.00 Local

Urban

Greensboro / Guilford Co. EL-5101DG DIVISION	41823.3.10, STPDA-0708(28) Florida Street between Ashe Street and Willow Road and the east side of Randleman Road from Creekridge Road to Shoffner Road. Funds are needed for construction for sidewalk improvements.	\$1,786,430.00 Cost \$1,429,144.00 Fed. \$357,286.00 Local
Greensboro / Guilford Co. U-2524C STATEWIDE	34820.2.U1, NHF-0708(52) Western Loop from south of SR 2137 (Old Oak Ridge Road) to US 220 (Battleground Avenue). \$22,000,000.00 has previously been approved for right of way and utilities. Additional funds are needed based on the utility relocation. This is a Strategic Transportation Investments Transition project.	\$8,000,000.00 Cost \$6,400,000.00 Fed. \$1,600,000.00 State

Safety

Guilford Co. SS-4907BK STATEWIDE	44518.1.1, HSIP-0029(61) US 29 northbound / US 70 eastbound / US 220 northbound north of I-40 in Greensboro. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Guilford Co. SS-4907BL STATEWIDE	44519.1.1, HSIP-0040(13) I-40 eastbound at the Randleman Road Exit (Exit 29) Greensboro. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

Rail Program

Alamance Co. Z-5400GO REGIONAL	43600.3.52, RR-1962(2) 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. Funds are needed for construction to install traffic signals.	\$221,000.00 Cost \$176,800.00 Fed. \$44,200.00 State
Alamance Co. Z-5400GO REGIONAL	43600.1.52, RR-1962(2) Railway-Highway Grade Safety Project at SR 1962/Fourth St/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. Funds are needed for preliminary engineering.	\$15,600.00 Cost \$12,480.00 Fed. \$3,120.00 State
Guilford Co. Z-5400GE DIVISION	43600.3.38, STPRR-0708(654) Railway-Highway Grade Crossing Safety Project at the intersection of Yanceyville Street and the Norfolk Southern Railway Tracks; Crossing #722 542D in Greensboro. Funds are needed for construction for the installation of Highway-Railway traffic control crossing warning devices.	\$103,000.00 Cost \$82,400.00 Fed. \$20,600.00 State
Guilford Co. Z-5400GE DIVISION	43600.1.38, STPRR-0708(654) Railway-Highway Grade Crossing Safety Project at the intersection of Yanceyville Street and the Norfolk Southern Railway Tracks; Crossing #722 542D in Greensboro. \$30,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$77,000.00 Cost \$61,600.00 Fed. \$15,400.00 State

Bicycle and Pedestrian

Statewide EB-3314E DIVISION	33935.2.5, STPEB-000S(765) Division 7 - Pedestrian Improvements in Yanceyville and Jamestown. Funds are needed for construction for a sidewalk / multi-use path.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
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Division 8

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Moore Co. SS-4908AV DIVISION	44520.1.1, HSIP-1309(12) SR 1309 (Morganton Road) at Fire Lane. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

Randolph Co. SS-4908AW DIVISION	44521.1.1, HSIP-1004(61) SR 1004 (Trinity Road) at SR 1577 (Archdale Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Randolph Co. SS-4908AY REGIONAL	44523.1.1, HSIP-0062(13) NC 62 at SR 1547 (Finch Farm Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Richmond Co. SS-4908AX STATEWIDE	44522.1.1, HSIP-0220(77) US 220 at SR 1405 (Lee Street). Funds are needed for preliminary engineering.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
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Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Montgomery Co. EB-5521 DIVISION	50037.3.FD1, STPED-0134(2) NC 134 (North Main Street) SR 1005 (South Main Street) from SR 1323 (Okeewemee Road) to Barnhill Street. Funds are needed for construction for a sidewalk.	\$595,000.00 Cost \$476,000.00 Fed. \$119,000.00 State

**Division 9
Interstate**

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rowan Co. I-2304AC/AD STATEWIDE	34156.3.12, IMF-085-3(209)81 I-85 from north of SR 2120 (Long Ferry Road) to north of NC 150 to just north of I-85 Business. Funds are needed for construction for landscaping.	\$2,414,396.00 Cost \$1,931,517.00 Fed. \$482,879.00 State

Congestion Mitigation

Winston- Salem / Forsyth Co. U-4909A EXEMPT	40278.3.FD2, CMS-2643(6) SR 2643 (Union Cross Road) from SR 2691 (Wallburg Road) to SR 2632 (Sedge Garden Road). Funds are needed for construction for ITS improvements. This is a Strategic Transportation Investments Transition project.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 State
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Enhancement

Forsyth Co. ER-5600IA DIVISION	46305.3.1, STP-0926(9) Harper Road within the Village of Clemmons. Funds are needed for construction for landscape and street printing.	\$115,000.00 Cost \$92,000.00 Fed. \$23,000.00 State
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Urban

Davidson Co. U-4742NC DIVISION	39746.3.24, STPDA-1508(10) Winston Salem - SR 1508 (Hickory Tree Road) at Mendenhall Road. Funds are needed for construction to construct a left turn lane.	\$427,000.00 Cost \$342,000.00 Fed. \$85,000.00 State
Rowan Co. U-5608 DIVISION	45836.2.1, STP-0902(15) New route from SR 1211 (Kimball Road) extension, North Chapel Street to SR 1221 (Bostian Road). Funds are needed for right of way - Advance Acquisition - Appraisal and Acquisition costs for SP 900 (Property of Richard C. McMahan a/w Martha).	\$25,000.00 Cost \$20,000.00 Fed. \$5,000.00 State

Rail Program

Forsyth Co. Z-5400IC DIVISION	43600.3.49, STPRR-0797(3) Railway - Highway Grade Crossing Safety Project at the intersection of SR 2408 (Peddycord Road) and the Norfolk Southern Railway Tracks, Crossing # 722 064F near Kernersville. Funds are needed for construction to install Highway-Railway Grade Crossing signals and gates.	\$263,516.00 Cost \$237,164.00 Fed. \$26,352.00 State
Salisbury / Rowan Co. Y-5500IA STATEWIDE	45533.1.4, RR-1526(7) Proposed Crossing Closure at the intersection of SR 1526 (Henderson Grove Church Road) and the Norfolk Southern RailRoad Tracks; Crossing # 724 362M. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$25,000.00 Fed.

Division 10

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Union Co. W-5601BK REGIONAL	50138.1.64, HSIP-0200(4) NC 200 (Lancaster) and SR 1117 (Providence Road South). \$115,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

Rail Program

Cabarrus Co. P-4405EA STATEWIDE	42412.3.8, STP-000S(608) Gladys H. Doster private crossing in Harrisburg at the intersection of Milepost 363.28 and the North Carolina Railroad / Norfolk Southern Railway Tracks; Crossing # 715 329N. Funds are needed for construction for proposed private crossing closure.	\$325,000.00 Cost \$325,000.00 Fed.
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Municipal Bridge

Mecklenburg Co. B-5378 DIVISION	46093.2.1, BRSTP-1003(97) Replace Bridge # 210 over Briar Creek on Michael Baker Road. Funds are needed for full right of way and utilities.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 Local
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High Priority

Charlotte / Mecklenburg Co. EB-4715E DIVISION	38668.3.5, STPDA-1003(081) Little Sugar Creek Greenway From Tyvola Road to I-485. Funds are needed for construction for a greenway. This is a Strategic Transportation Investments Transition project.	\$4,143,718.00 Cost \$3,314,975.00 Fed. \$281,265.00 State \$547,478.00 Local
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Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Stanly Co. EB-5525 DIVISION	50041.3.FD1, STPEB-0052(49) US 52 Business from South Street to Rock Creek Park in Albemarle. Funds are needed for construction for a sidewalk. This is a Strategic Transportation Investments Transition project.	\$230,000.00 Cost \$184,000.00 Fed. \$46,000.00 State

Division 11

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Ashe Co. EB-3314G DIVISION	33935.2.7, STPEB-1128(11) Intersection of North Jefferson Avenue and East Second Street ending at the intersection of East Second Avenue and Fifth Avenue. Funds are needed for construction for pedestrian improvements. This is a Strategic Transportation Investments Transition project.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
Yadkin Co. EB-4411J DIVISION	36333.3.10, STPEB-0067(007) NC 67 from SR 1549 (Flint Hill Road) in East Bend to west end of Bridge #35. Funds are needed for construction for shoulder widening for a bike route. This is a Strategic Transportation Investments Transition project.	\$700,000.00 Cost \$560,000.00 Fed. \$140,000.00 State

Division 12

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. C-5566 EXEMPT	50100.1.1, CMS-1213(37) GPS automatic locator program for fleet vehicles. Funds are needed for preliminary engineering.	\$240,000.00 Cost \$192,000.00 Fed. \$48,000.00 Local
Urban		
Hickory / Catawba Co. U-5510 EXEMPT	45532.1.2, TCSP-1468(4) SR 1468 (Sweetwater Road) extension from US 70 to SR 1148 (Startown Road). Funds are needed for preliminary engineering.	\$978,300.00 Cost \$782,640.00 Fed. \$195,660.00 State

Division 13

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Asheville / Buncombe Co. U-5019 DIVISION	41503.1.2, STPDA-1302(65) Wilma Dikeman Riverway. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Safety

McDowell Co. W-5601BR DIVISION	50138.1.71, HSIP-1214(7) SR 1214 (Old Greenlee Road) from SR 1197(Roby Conley Road) to US 70 near Marion. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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Division 14

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Henderson Co. B-5929 DIVISION	50150.1.1, BRSTP-1932(9) Replace Bridge #350 over Devils Fork Creek on SR 1932. Funds are needed for preliminary engineering.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 Local

Safety

Graham Co. W-5601BQ DIVISION	50138.1.70, HSIP-1115(23) SR 1115 (Snowbird Road) from SR 1124(Sleepy Hollow Road) to SR 1119(Corn silk Branch Road) near Robbinsonville. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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Haywood Co. W-5601CB REGIONAL	50138.1.81, HSIP-0276(14) US 276 at Bridges #32, #125 and #93 near Canton. Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State
Jackson Co. W-5601CA REGIONAL	50138.1.80, HSIP-0107(14) NC 107 at SR 1325 and SR 1330 in Cullowhee. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Polk Co. W-5601BP REGIONAL	50138.1.69, HSIP-0009(7) NC 9 from the South Carolina State line to the Rutherford County line near Columbus. Funds are needed for preliminary engineering.	\$20,000.00 \$18,000.00 \$2,000.00	Cost Fed. State

**Statewide
Congestion Mitigation**

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide C-4902A EXEMPT	44002.1.2, CMS-000S(732) North Carolina State University - NC Solar Center Clean Transportation Program. \$2,076,000.00 has previously been approved for preliminary engineering. Additional funds are needed for preliminary engineering, to develop and administer a clean fuel advanced technology rebate program-Phase III. This is a three-year clean fuel/advanced technology rebate program.	\$2,595,000.00 \$2,076,000.00 \$519,000.00	Cost Fed. Other

Planning and Research

Statewide No ID EXEMPT	44100.3.1, SPR-0SPR(68) Contract Research - FY 2016 Funds are needed for preliminary engineering.	\$3,925,800.00 \$3,140,640.00 \$785,160.00	Cost Fed. State
Statewide No ID EXEMPT	44100.3.2, SPR-0SPR(69) Research and Development. Funds are needed for preliminary engineering.	\$50,000.00 \$50,000.00	Cost Fed.

ITEM M SUMMARY - 85 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$59,045,584.00

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

Approval - Revisions to the 2012-2020 AND 2016-2025 STIPS

A motion was made by Board Member Overholt, seconded by Board Member Perkins, to approve the following additions, modifications and deletions to the 2012-2020 and 2016 – 2025 State Transportation Improvement Plans.

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 7

C-5700	Oakdale Road, existing	engineering	FY16	\$20,000 (CMAQ)
GUILFORD	sidewalk east of East Main		FY16	\$5,000 (L)
Proj. Category	Street to Chimney Court in	Right-of-Way	FY17	\$4,000 (CMAQ)
EXEMPT	Jamestown. Extend sidewalk.		FY17	\$1,000 (L)
	<u>Project added at request of</u>	Construction	FY17	\$136,000 (CMAQ)
	<u>Transportation Planning Branch.</u>		FY17	\$34,000 (L)
				<u>\$200,000</u>

DIVISION 14

R-5756	SR 1326 (Pea Ridge Road),	Construction	FY16	\$1,600,000 (T)
POLK	Realignment of SR 1326			
Proj. Category	(Pea Ridge Road) and John Sheehan			
DIVISION	Road and construction of a			
	roundabout at the intersection			
	with US 74.			
	<u>Add Construction in FY 16</u>			
	<u>not previously programmed.</u>			

STIP MODIFICATIONS

DIVISION 5

EB-5513	US 15, Hillsborough Street to	Construction	FY16	\$560,000 (STPEB)
GRANVILLE	NC 56 in Creedmoor.			
Proj. Category	Construct sidewalk / path.			
TRANSITION	<u>Delay Construction from FY 15</u>			
	<u>to FY 16 for strategic letting</u>			
	<u>purposes, at request of division and city.</u>			

U-3308	NC 55 (Alston Avenue),	Construction	FY16	\$10,300,000 (STP)
DURHAM	NC 147 (Durham Freeway) to		FY16	\$229,000 (STPDA)
Proj. Category	US 70 Business / NC 98		FY16	\$57,000 (L)
TRANSITION	(Holloway Street) in Durham.		FY17	\$10,300,000 (STP)
	Widen to four-lane divided facility		FY18	<u>\$10,300,000 (STP)</u>
	from NC 147 to Main Street and			\$31,186,000
	replace Norfolk Southern			
	Railroad bridges. Modernize			
	from Main Street to US 70			
	Business / NC 98 (Holloway			
	Street) including addition of			
	on-Street parking, bicycle			
	lanes, turn lanes, median and			
	access management.			

Delay Construction from FY 15 to FY 16 to allow additional time for Utility relocation and railroad coordination.

STIP MODIFICATIONS

DIVISION 7

B-4807	SR 2426 (Cunningham Mill	Right-of-Way FY16	\$24,000 (HFB)
ROCKINGHAM	Road), Replace Bridge 780006	Utilities FY16	\$23,000 (HFB)
Proj. Category	over Haw River.	Construction FY17	<u>\$1,600,000 (HFB)</u>
HWY FUNDS	<u>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.</u>		\$1,647,000

B-4960	SR 3058 (Judge Adams Road),	Right-of-Way FY16	\$475,000 (STPOFF)
GUILFORD	Replace Bridge 400214 over	Utilities FY16	\$154,000 (STPOFF)
Proj. Category	little Alamance Creek.	Construction FY17	<u>\$1,600,000 (STPOFF)</u>
DIVISION	<u>Delay Right-of-Way from FY 14 to FY 16 and Construction from FY 15 to FY 17 to allow additional time for Planning and Design.</u>		\$2,229,000

W-5143	SR 1004 (Efland- Cedar Grove	Construction FY16	\$325,000 (HSIP)
ORANGE	Road), north of intersection		
Proj. Category	with SR 1332 (Highland Farm		
TRANSITION	Road). Improve horizontal		
	alignment of curve to provide		
	a minimum of 60 mph design speed.		
	<u>Delay Construction from FY 15 to FY 16 to allow additional time for coordination with town of Hillsborough reservoir project.</u>		

DIVISION 9

B-4746	SR 2264 (Akron Drive),	Right-of-Way FY16	\$300,000 (HFB)
FORSYTH	Replace bridge 330229 over	Construction FY18	<u>\$6,330,000 (HFB)</u>
Proj. Category	Norfolk Southern Railroad		\$6,630,000
DIVISION	in Winston-Salem.		

Delay Right-of-Way from FY 15 to FY 16 and Construction from FY 17 to FY 18 to allow additional time for Planning and Design.

STIP MODIFICATIONS

DIVISION 9

I-3802B	I-85, SR 2180 (Lane Street)	Right-of-Way FY16	\$267,000 (NHP)
ROWAN	in Cabarrus County to	FY16	\$3,333,000 (S(M))
Proj. Category	US 29 /US 601 connector	Construction FY16	\$5,750,000 (NHP)
STATEWIDE	in Rowan County	FY16	\$7,500,000 (S(M))
	<u>Accelerate Right-of-Way</u>	FY17	\$5,750,000 (NHP)

<u>from FY 18 to FY 16 and Construction from FY 20 to FY 16 - project will utilize design-build delivery and Grave Bonds (note: revised schedule / funding already conforms to 2016-2025 STIP).</u>		FY17	\$7,500,000 (S(M))
		FY18	\$5,750,000 (NHP)
		FY18	\$7,500,000 (S(M))
		FY19	\$5,750,000 (NHP)
		FY19	\$7,500,000 (S(M))
	Garvee Con.	FY16	\$7,722,000 (NHP)
		FY17	\$7,722,000 (NHP)
		FY18	\$7,722,000 (NHP)
		FY19	\$7,722,000 (NHP)
		FY20	\$7,722,000 (NHP)
		FY21	\$7,722,000 (NHP)
		FY22	\$7,722,000 (NHP)
		FY23	\$7,722,000 (NHP)
		FY24	\$7,722,000 (NHP)
		FY25	\$7,722,000 (NHP)
		PY	\$38,610,000 (NHP)
	Garvee Row-	FY16	\$858,000 (NHP)
		FY17	\$858,000 (NHP)
		FY18	\$858,000 (NHP)
		FY19	\$858,000 (NHP)
		FY20	\$858,000 (NHP)
		FY21	\$858,000 (NHP)
		FY22	\$858,000 (NHP)
		FY23	\$858,000 (NHP)
		FY24	\$858,000 (NHP)
	FY25	\$858,000 (NHP)	
	PY	\$4,290,000 (NHP)	
		\$188,053,000	

U-5551	New route, East of SR 1101	Construction	FY16	\$2,000,000 (T)
FORSYTH	(Harper Road) to SR 1103		FY16	\$1,900,000 (L)
Proj. Category	(Lewisville-Clemmons Road)			\$3,900,000
DIVISION	in Clemmons. Construct 3-lane facility on new location.			
	<u>Delay Construction from FY 15 to FY 16 to allow additional time for Planning and Design.</u>			

STIP MODIFICATIONS

DIVISION 11				
R-2603	NC 268, NC 18 to SR 1966	Construction	FY16	\$8,400,000 (T)
WILKES	(Airport Road). Construct		FY17	\$8,400,000 (T)
Proj. Category	sidewalk from NC 18 to		FY18	\$8,400,000 (T)
TRANSITION	Shaver Street. Widen to five-lanes from Shaver Street to Fairplains Road. Widen to four- lanes divided from Fairplains Road to SR1966(Airport Road).			\$25,200,000
	<u>Delay Construction from FY 15 to FY 16. Funding source was changed from federal to state and since Construction is scheduled in September, this changes the fiscal year.</u>			

R-2915A	US 221, US 421 in Watauga	Construction	FY16	\$13,150,000 (T)
ASHE	county to SR 1003 (Idlewild		FY17	<u>\$13,150,000 (T)</u>
WATAUGA	Road) in Ashe County			\$26,300,000
Proj. Category	<u>Delay Construction from FY 15</u>			
TRANSITION	<u>to FY 16. funding source was</u>			
	<u>changed from federal to state</u>			
	<u>and since Construction is scheduled</u>			
	<u>in September, this changes the fiscal year.</u>			

R-2915B	US 221, SR 1003	Construction	FY16	\$11,550,000 (T)
ASHE	(Idlewild Road) to north of		FY17	<u>\$11,550,000 (T)</u>
Proj. Category	South Fork New River			\$23,100,000
TRANSITION	<u>Delay Construction from FY 15</u>			
	<u>to FY 16. Funding source was</u>			
	<u>changed from federal to state</u>			
	<u>and since Construction is scheduled</u>			
	<u>in September, this changes the fiscal year.</u>			

DIVISION 12

B-5549	Hickory, Replace Bridge	Construction	FY16	\$680,000 (STPOFF)
CATAWBA	170327 on Falling Creek Road		FY16	<u>\$170,000 (L)</u>
Proj. Category	over Falling Creek.			\$850,000
DIVISION	<u>Delay Construction from FY 15</u>			
	<u>to FY 16 to allow additional time</u>			
	<u>for Right of Way Acquisition and</u>			
	<u>Utility Re-location.</u>			

DIVISION 13

B-4442	US 19/US 23/US 25/ US 70,	Right-of-Way	FY21	\$200,000 (NHPB)
BUNCOMBE	Replace Bridge 100370, and	Construction	FY22	<u>\$2,000,000 (NHPB)</u>
Proj. Category	bridge 100373 over Reems Creek.			\$2,200,000
STATEWIDE	<u>Add Right-of-Way in FY 21</u>			
	<u>and delay Construction</u>			
	<u>from FY 19 to FY 22 to allow</u>			
	<u>additional time for Planning.</u>			

STIP MODIFICATIONS

DIVISION 13

B-4443	US 19/US 23/US 25/ US 70,	Right-of-Way	FY21	\$720,000 (NHPB)
BUNCOMBE	Replace Bridge 100345, and	Construction	FY22	<u>\$7,200,000 (NHPB)</u>
Proj. Category	Bridge 100346 over SR 1839.			\$7,920,000
STATEWIDE	<u>Delay Right-of-Way from FY 17</u>			
	<u>to FY 21 and Construction from</u>			
	<u>FY 18 to FY 22 to allow</u>			
	<u>additional time for Planning</u>			

B-4444	US 19/US 23/US 25/ US 70,	Right-of-Way	FY21	\$100,000 (HFB)
BUNCOMBE	Replace Bridges 100353 and	Construction	FY22	<u>\$1,000,000 (HFB)</u>
Proj. Category	bridge 100354 over SR 1882.			\$1,100,000
HWY FUNDS	<u>Add Right-of-Way in FY 21</u>			
	<u>and delay Construction</u>			
	<u>from FY 20 to FY 22 to allow</u>			
	<u>additional time for Planning</u>			

DIVISION 14

B-5125 US 441 Business, Replace Construction FY16 \$2,250,000 (HFB)
MACON Bridge 550022 over Little
Proj. Category Tennessee River.
HWY FUNDS

**Delay Construction from FY 16
to FY 17 to allow additional time
to obtain FERC and 404/401 permits.**

U-5104 US 64 Business, SR 1348 Construction FY16 \$2,000,000 (STP)
TRANSYLVANIA (Probert Street) to US 64 in
Proj. Category Brevard. widen roadway.
TRANSITION

**Delay Construction from FY 15
to FY 16 to allow additional time for Design.**

STIP DELETIONS

DIVISION 2

W-5008 SR 1306 (15th Street), US 17 Construction FY \$2,250,000 (HSIP)
BEAUFORT Business (Carolina Avenue) to
Proj. Category Pearce Street in Washington.
TRANSITION Widen to four lane divided

facility with median.
**Delete, work to be accomplished
Under project U-5860.**

ITEM N SUMMARY

ADDITIONS	2 PROJECTS	\$1,800,000
MODIFICATIONS	17 PROJECTS	
DELETIONS	1 PROJECTS	\$2,250,000
	20 PROJECTS	(\$450,000)

Approval – Municipal and Special Agreements

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

Statewide
North Carolina Center for
Geographic Information and
Analysis
36249.3513

This Project consists of providing Orthoimagery Advisory and Technical Services for the Digital Coastal 2016 Project in 27 counties and totaling approximately 15,617 square miles. The Department is responsible for all phases of the work. The Agency shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$163,419.

Division 2
North Carolina State Ports
Authority
Carteret County
43326

This Project consists of rehabilitating the 112 foot movable bascule span of the 2400 foot long Railroad Bridge No. R-110 Carteret connecting Radio Island to the Port. This Supplemental Agreement is to provide the actual total Project costs and revise the remaining payment schedule. The actual total Project cost is \$ 4,944,334.67.

Division 4
Town of Angier
Harnett County
EL-5100 LC
41821.1.43
41821.3.F38

This Project consists of the construction of sidewalk along Willow, Roy and Lillington Streets. This Supplemental Agreement is to increase the funding for the Project. The Department's original participation was \$442,800, to be increased with an additional \$88,838 of STP-DA. The Municipality's original participation was \$110,700. The Municipality will provide an additional \$88,838 at 50% as their local match for a total participation of \$199,538 and all costs that exceed the total estimated cost.

Division 5
City of Durham
Durham County
U-4726 HJ
36268.3.30

This Project consists of the construction of sidewalks on NC 751 and NC 54 between Garrett Road (SR 1116) and Dresden Drive in Durham. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 80% (\$182,000) from STPDA funds. The Municipality will be responsible for providing 20% (\$45,500) matching funds and all costs that exceed the total estimated cost of \$227,500.

U-4726 HN
36268.1.31
36268.2.31
36268.3.31

This Project consists on the construction of bike and pedestrian facilities on Hillandale Road (SR 1321) from Interstate 85 to NC 147 in Durham. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 80% (\$2,290,499) from STPDA funds. The Municipality will be responsible for providing 20% (\$572,625) matching funds and all costs that exceed the total estimated cost of \$2,863,124.

City of Durham
Durham County
U-4726 HO
36268.1.32
36268.2.32
36268.3.32

This Project consists on the construction of bicycle lanes and sidewalks along Carpenter-Fletcher Road in Durham. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 80% (\$3,531,053) from STPDA funds. The Municipality will be responsible for providing 20% (\$882,763) matching funds and all costs that exceed the total estimated cost of \$4,413,816.

Town of Fuquay-Varina
Wake County
U-5530 GB
44111.1.11
44111.2.11
44111.3.11

This Project consists of sidewalk to fill in existing gaps along Bridge Street and cross over the Norfolk Southern railroad providing a safe pedestrian crossing. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 80% (\$727,360) from STPDA funds. The Municipality will be responsible for providing 20% (\$181,840) matching funds and all costs that exceed the total estimated cost of \$909,200.

City of Durham
Durham County
U-4724
39083.1.F1
39083.3.F1

This Project consists of the construction of bike lanes and sidewalks along Cornwallis Road (SR 1158) from South Roxboro Road (SR 2295) to Chapel Hill Road (SR 1127) in Durham. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 80% (\$4,217,000) from STPDA funds. The Municipality will be responsible for providing 20% (\$1,054,250) matching funds and all costs that exceed the total estimated cost of \$5,271,250.

Division 7
City of Greensboro
Guilford County
I-5110
42345.3.FS1

This Project consists of improvements to I-73 From NC 68 to the Greensboro Western Loop. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and relocate the municipal water and sewer lines. The Municipality shall be responsible for a lump-sum cost of \$420,523.

Division 8
City of Laurinburg
Scotland County
B-5003
41106.1.1
41106.2.1
41106.3.1

This Project consists of replacement of Bridge No 81 on Commonwealth Avenue over Leith Creek in Scotland County. This Supplemental Agreement is to provide additional funding in the amount of \$361,600 from STP funds. The Municipality shall provide \$90,400 as the non-federal match. The Department also agrees to provide the Construction Administration and Construction Engineering and Inspection for the Project and will charge to Project funds. The Municipality will be billed for the non-federal match of the Department costs.

Division 9
I-40 / Union Cross RE, LLC
Forsyth County
U-4909
40278.3.1

This Project consists of incorporating signal modifications required by private development into the TIP U-4909 Project which will undertake construction improvements on SR 2643 (Union Cross Road) from south of SR 2691 (Wallburg Road) to SR 2632 (Sedge Garden Road). The Developer shall reimburse the Department one hundred percent (100%) of the actual cost work performed by the Department. The estimated cost is \$29,220.

Piedmont Authority for Regional
Transportation
Forsyth County
M-0445
49004.1

This Project consist of providing funds for the maintenance and development of the Piedmont Triad Regional Model (PTRM) which is used to provide data for the delivery of TIP Projects and to meet the MPO Planning requirements for the area. This Supplemental will provide an additional \$60,000, or 25% of estimated Project costs.

City of Winston-Salem
Wake Forest Innovation Quarter
(WFIQ)
Forsyth County
U-4918B
40929.3.FD1

This Project consists of the construction of a multi-use trail from Third Street to Rams Drive, Central Pond greenway, Patterson Alley sidewalk, pedestrian amenities and landscaping on Fogle Street, and extension of roadway from existing terminus to Research Parkway, all to occur within the Wake Forest Innovation Quarter (WFIQ) in Winston-Salem. The Municipality and WFIQ will be responsible for all work. The Department will participate in

eighty percent (80%) of eligible expenses up to \$3,800,000 in Discretionary Allocation funds. The Municipality and WFIQ will be responsible for the twenty percent (20%) non-federal match and all costs that exceed the total estimated cost of \$4,750,000

City of Lexington
Davidson County
B-3159
38331.3.FR1

This Project consists of replacing Bridge No. 27 over US 29-64-70/I-85 Business loop on US 52/NC8 in Davidson County. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and relocate the municipal water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$180,090.09.

Division 10
City of Charlotte
Mecklenburg County
17BP.10.R.101

This Project consists of the lengthening of the Eastway Drive Bridge No. 590052 over the North Carolina Railroad to provide clearance for the Blue Line Extension alignment under the bridge. As part of this bridge construction, the Department has requested the Municipality to overlay the entire existing bridge deck with latex modified concrete. The Department shall reimburse the Municipality for the work up to a maximum amount of \$250,000.

City of Charlotte
Mecklenburg County
TIP: U-2507A
34811.3.FD5

This Project consists of the design and installation of traffic signalization and related equipment required for the U-2507A Project. Said Project includes the extension of Graham Street and improvements to Mallard Creek Road (SR 2467) between Sugar Creek Road (SR 2480) and Harris Boulevard (SR 2665) in Charlotte. A Supplemental Agreement expanded the scope and funding to include pedestrian accommodations at each intersection, fiber interconnect between all signals and an increase in administrative costs to meet Federal requirements. The Department shall reimburse the Municipality an additional \$521,500 for a total of \$917,500.

City of Concord
Cabarrus County
I-3802A
36780.3.FS1

This Project consists of improvements on I-85 from NC 73 to Lane Street in Kannapolis. This Supplemental Agreement is for the Department to provide design and cost estimates for additional aesthetic improvements requested by the Municipality; and also to identify maintenance responsibilities for a planned pedestrian tunnel. The Municipality shall provide \$9,775 upon execution of this Agreement for the design phase. This item supersedes the item previously approved on the July 9, 2015 BOT Agenda

Norfolk Southern Railway
Company (NS)
North Carolina Railroad
Company (NCRR)
Mecklenburg County
U-5008
41141.1.1

This Rail Agreement covers the construction of a grade separation of the at-grade rail highway crossing at East Sugar Creek Road (SR 2975), the closure of the at-grade crossing at East Craighead Road, and various betterment improvements associated with the Project. The Department shall perform all of the work. Funding for the Project is covered in a separate agreement dated April 16,

2015. The City of Charlotte shall participate in the cost of the Project in a lump sum amount of \$5,000,000. NCRR shall participate in the cost of the Project in a lump sum amount of \$10,000,000. NS shall participate in the cost of the Project in an amount of up to \$3,400,000. The total estimated cost of the Project is \$43,000,000.

Division 11
Blue Ridge Water Association
Wilkes County
R-2603
36001.3.FR1

This Project consists of widening NC 268 from Multi-Lanes east of NC 18 to SR 1966 (Airport Road) in Wilkes County. At the request of the Association, the Department shall include provisions in the construction contract for the contractor to adjust and relocate water lines. The Association shall reimburse the Department the entire cost of said utility work. The estimated reimbursement is \$137,203.92.

Frontier Natural Gas
Watauga County
R-2915A
34528.3.FR1

This Project consists of improvements to US 221 from US 421 to SR 1003 (Idlewild Road) in Watauga County. At the request of the Company, the Department shall include provisions in the construction contract for the contractor to adjust and relocate gas lines. The Company shall reimburse the Department the entire cost of said utility work. The estimated reimbursement is \$410,554.

Division 13
Town of Black Mountain
Buncombe County
EB-5547
51045.1.F1
51045.2.F1

This Project consists of the design and right of way acquisition of the Riverwalk Phase II Greenway. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$120,000. The Municipality will be responsible for providing the 20% (\$30,000) non-federal match for the STP-DA funds authorized and all costs that exceed the total estimated cost.

Approval - Preliminary Right of Way Plans

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

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

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

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

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

(Division 2)

Craven County; I.D. No. R-5516; Project No. 45492.2.1:
US 70 to Slocumb Road at Cherry Point Military Base

(Division 5)

Wake County; I.D. No. W-52050; Project No. 45335.2.15:
US 64 Eastbound at US 1 Northbound and SR 1009 (Tryon Road) at US 1 Northbound On-ramp/Regency Parkway

(Division 6)

Cumberland County; I.D. No. W-5601AN; Project No. 50138.2.1:
SR 1113 (Waldo's Beach Rd) at SR 1112 (Rockfish Rd) and SR 1113 (Waldo's Beach Rd) at SR 1003 (Camden Rd)

Cumberland County; I.D. No. W-5519; Project No. 45849.2.FR1:
I-95 Business/US 301 from NC 87 South to NC 59

Robeson County; I.D. No. B-4616; Project No. 33798.2.1:
Bridge No. 18 over CSX Transportation Tracks on NC 211

(Division 7)

Guilford County; I.D. No. U-2524C; Project No. 34820.2.U1:
Greensboro – Western Loop from South of SR 2137 (Old Oak Ridge Road) to US 220 (Battleground Avenue) Utility Relocation

(Division 8)

Hoke County; I.D. No. B-4967; Project No. 40158.2.1:
Bridge No. 008 over Lumber River on SR 1203 / SR 1412

(Division 9)

Rowan County; I.D. No. W-5314; Project No. 46137.2.FR1:
NC 801 at SR 2048 (Cool Springs Rd/Woodleaf Rd), SR 1951 (Parks Rd) at SR 2048 (Woodleaf Rd) and NC 801 at SR 2004 (Woodleaf Barber Rd/Quarry Rd)

(Division 10)

Mecklenburg County; I.D. No. B-5378; Project No. 46093.2.1:
Charlotte – Bridge No. 210 over Briar Creek on Michael Baker Road

(Division 13)

Buncombe County; I.D. No. B-5196; Project No. 45252.2.FD1:

PRELIMINARY RIGHT OF WAY PLANS

10 PROJECT(S)

\$0.00

Approval - Final Right of Way Plans

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

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

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

(Division 2)

Project No. 35781.2.1; Pltt County; I.D. No. U-3315:

Grading, drainage, paving, structure, signals and signing on Stantonsburg Road-Tenth Street Connector from US 13/NC 11 (Memorial Drive) to SR 1702 (Evans Street) with the right of way indicated upon the final plans for said project.

(Division 3)

Project No. 34932.2.2; New Hanover County; I.D. No. U-3338B:

Grading, drainage, paving and signals on SR 1175 (Kerr Avenue) from Randall Parkway to SR 2649 (Martin Luther King, Jr. Parkway) in Wilmington with the right of way indicated upon the final plans for said project.

(Division 10)

Project No. 42108.2.FD1; Mecklenburg County; I.D. No. B-5105:

Grading, drainage, paving, structures and signals on Bridge No. 49 over Little Sugar Creek on SR 4982 with the right of way indicated upon the final plans for said project.

Project No. 42295.2.1; Cabarrus County; I.D. No. B-5136:

Grading, drainage, paving, signals, structure, retaining wall and lighting on Bridge No. 66 and Bridge No. 69 over the Norfolk Southern Railroad on US 29/US 601 with the right of way indicated upon the final plans for said project.

(Division 11)

Project No. 33831.2.FD1; Wilkes County; I.D. No. B-4676:

Grading, drainage, paving and structure on Bridge No. 29 over Cub Creek on SR 1001 with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 41902.2.1; Transylvania County; I.D. No. U-5104:

Grading, drainage, paving, widening, signals and retaining wall on US 64 Business from SR 1349 (West Main Street to US 64 with the right of way indicated upon the final plans for said project.

FINAL RIGHT OF WAY PLANS

6 PROJECT(S)

\$0.00

Approval - Revisions of the Final Right of Way Plans

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

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

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

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

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

(Division 2)

Project No. 34442.2.S5; I.D. No. R-2514D; Jones/Craven Counties:

Final Right of Way plans approved on the minutes of the June 4, 2015 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 9 as presented at the August 6, 2015 Board of Transportation Meeting.

Mecklenburg County

Conveyance of an approximate 0.630-acre residue area to the County of Mecklenburg for no monetary consideration.

(Division 11)

Project 8.1761201, Parcel R-2517 017 and 018, NC 18 from Finely Avenue to North of SR 1531 (Foster Road)

Wilkes County

Conveyance of an approximate 0.555-acre residue area to J & S Fair Real Estate Holdings, LLC for the high bid amount of \$31,758.00.

CONVEYANCE ROW RESIDUE 3 PROJECT(S) \$41,758.00

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, and on a motion by Board Member Overholt, seconded by Board Member Perkins, that the following highway right of way conveyances are approved:

(Division 10)

Project 32213, Parcel P-3800, Norfolk Southern Railroad near West 9th Street in Charlotte Mecklenburg County

Conveyance of an approximate 3.115-acre surplus right of way area to Cold Storage Partners, LLC, parcel 023 for the high bid amount of \$1,355,000.00.

CONVEYANCE OF SURPLUS RIGHT OF WAY 1 PROJECT(S) \$1,355,000.00

Approval of Permanent Utility Easement

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit, and on a motion by Board Member Overholt, seconded by Board Member Perkins that the following permanent utility easements are approved:

(Division 2)

Project 33773.2.1, Parcels B-4565 011 and 012, Bridges 42, 43, 26, and 28 over the Neuse River

Lenoir County

The Department will be acquiring right of way from the City of Kinston for upcoming construction near Bridges 42, 43, 26, and 28 over the Neuse River. The City of Kinston has requested an approximate 0.145-acre and 0.911 acre permanent utility easement assignment for the relocation of transmission lines running perpendicular to Queen Street associated with the project. The City of Kinston has agreed to the conveyance for no consideration.

APPROVAL OF PERMANENT UTILITY EASEMENT 1 PROJECT(S) \$0.00

R-ITEM SUMMARY 25 PROJECT(S) TOTAL: \$1,405,911.00

Approved – Allocation of Highway Maintenance Appropriations

A motion was made by Board Member Overholt, seconded by Board Member Perkins, to

approve the following:

At the time of preparation of this agenda item the General Assembly had not ratified House Bill 97. Accordingly, it is recommended that Maintenance, General Maintenance Reserve, Pavement Preservation, and Contract Resurfacing allocations be made in accordance with the Continuing Resolution budget and Bridge Program allocations be made in accordance with the House recommended budget.

Furthermore, as a result of FY 2015 Legislative Increases, adjustments to the Retirement and Hospital/Medical rates, abolishment of 27 safety positions, and reductions in Dept. of Revenue and Dept. of Administration Hospital/Medical, Retirement, and Liability, a net of \$8,936,082 is also available. The distribution per program is as follows – \$3,674,089 Primary, \$4,238,939 Secondary, \$402,208 Bridge Program, and \$620,846 Contract Resurfacing.

The staff recommends these funds be allocated to the Divisions in accordance with the following:

	TOTAL ALLOCATION
<u>SCHEDULE I – PRIMARY SYSTEM</u>	
Road and Bridge Maintenance	53,540,738
State and Federal Obligation	14,427,500
Asset Maintenance and Operation	13,275,000
Research and Development	950,000
Emergency	66,000,000
SUBTOTAL	\$148,193,238
<u>SCHEDULE II – SECONDARY SYSTEM</u>	
Road and Bridge Maintenance	237,318,313
State and Federal Obligation	2,582,500
Asset Maintenance and Operation	5,850,000
Research and Development	600,000
Emergency	25,000,000
SUBTOTAL	\$271,350,813
<u>SCHEDULE III – GENERAL MAINTENANCE RESERVE</u>	
Road and Bridge Maintenance	43,560,850
Emergency	2,000,000
SUBTOTAL	\$45,560,850
<u>SCHEDULE IV – BRIDGE PROGRAM</u>	\$154,505,796
<u>SCHEDULE V – PAVEMENT PRESERVATION</u>	\$65,045,024
<u>SCHEDULE VI – CONTRACT RESURFACING</u>	\$409,414,780
GRAND TOTAL	\$1,094,070,501

Allocation Formulas are needs based and take into account items which are assessed by condition, as well as items that are addressed on a cyclical basis.

SCHEDULES I and II – PRIMARY AND SECONDARY SYSTEMS

ROAD MAINTENANCE

Primary and Secondary Road and Bridge Maintenance Formulas reconcile Division assessed and non-assessed needs with the Statewide assessed and non-assessed needs and include funding for **Division Administration and Statewide Administration and Emergencies**. These funds, listed under the Primary and Secondary Systems, are used for the purposes of continuing routine maintenance activities, including pavement patching, pavement markings, markers, signs, symbols, roadside vegetation management, drainage, unpaved shoulders, litter pickup, and other similar maintenance activities. Bridge related activities include, but are not limited to, repairing concrete bridge decks, girder painting, emergency bridge repair or replacement, replacing electrical components, foundation repair, installation of support bents, and flooring and rail repair. Replacing small critical bridges and pipes, and maintaining navigational lighting systems on high level bridges located over navigational waterways are also eligible activities. These expenditures will include both contract and force account maintenance.

Division Administration is a direct allocation to the Divisions for the estimated cost of the following:

- Traffic System Operations (Signal Maintenance)
- Incident Management
- Electricity for Traffic Control Devices
- Maintenance of Roadway and Interchange Lighting
- Rest Areas and Welcome Centers
- Specialized Landscaping
- Maintenance and Repair of Guardrail
- River Ferries

Statewide Administration and Emergencies is comprised of **State and Federal Obligations, Asset Maintenance and Operations, Research and Development, and Emergencies**.

State and Federal Obligations are funds required either by state or federal laws, regulations or rules. An example of such obligation is Inmate Labor which is a reimbursement to the Division of Prisons for the daily furnishing of inmates to the Department of Transportation for highway purposes.

Asset Maintenance and Operations are funds used to assess and address statewide program needs. Examples include funding the condition assessment program, inspection of Non-NBIS bridges, sign structures, and high mast lighting, and maintenance repairs to assets such as traffic signals and renovating rest areas.

Research and Development are funds used to research, develop, and implement state of the art maintenance technologies, practices and procedures. Objectives of these programs include improving maintenance efficiencies and improving cost effectiveness.

Emergencies are funds used to cover unanticipated expenditures for emergency operations as well as addressing winter weather snow and ice removal.

SCHEDULE III – GENERAL MAINTENANCE RESERVE

General Maintenance Reserve Formula reconciles Division assessed needs and non-assessed needs with the Statewide assessed and non-assessed needs. Beginning in 1999, the General Assembly has provided additional maintenance dollars to help address maintenance needs identified by the Department's Maintenance Condition Assessment Program. Of the total available funds, it is recommended that \$1,425,775 be disbursed among Divisions 1, 2, and 3 for the operation and maintenance of moveable span bridges and \$2,000,000 be allocated to the Primary system to assist with

non-declared Emergency funding requests. The staff recommends the remainder of the funds be disbursed based on the existing needs based formula.

Further detail regarding recommended allocations of these funds is addressed in Table 1 below:

Table 1 – SCHEDULES I, II, and III

Division	Schedule I	Schedule II	Schedule III
	Primary Road and Bridge Maintenance	Secondary Road and Bridge Maintenance	General Maintenance Reserve
1	2,107,354	10,453,995	3,413,254
2	1,504,134	15,223,342	2,904,796
3	2,824,526	15,829,128	3,825,059
4	4,322,520	14,621,695	2,662,290
5	6,045,189	18,298,430	3,301,333
6	2,832,030	14,936,568	2,694,451
7	5,471,265	21,067,799	3,317,320
8	1,775,431	18,966,944	3,239,826
9	4,672,642	16,197,653	3,075,011
10	5,742,087	18,526,830	3,021,338
11	2,194,481	19,960,528	2,613,950
12	5,053,884	18,115,283	3,206,083
13	4,716,512	17,792,099	3,442,624
14	4,278,683	17,328,019	2,843,515
Subtotal	\$53,540,738	\$237,318,313	\$43,560,850
State and Federal Obligation	14,427,500	2,582,500	-
Asset Maintenance & Operations	13,275,000	5,850,000	-
Research and Development	950,000	600,000	-
Emergencies	66,000,000	25,000,000	2,000,000
Subtotal	\$94,652,500	\$34,032,500	\$2,000,000
Grand Total	\$148,193,238	\$271,350,813	\$45,560,850

SCHEDULE IV – BRIDGE PROGRAM

Bridge Program Formula reconciles Division bridge program assessed needs with State bridge program assessed needs. The purpose of this fund is to provide bridge improvements on structurally deficient and functionally obsolete bridges. Of the total \$153,317,496 available, it is recommended that \$15,000,000 be allocated to fund ongoing Preliminary Engineering activities on 75 projects started in 2015 and \$10,500,000 allocated for Preliminary Engineering activities on 35 bridge projects starting in 2016. Also, it is recommended that \$3,078,000 be allocated for Right-of-Way acquisition on 26 bridge projects in 2016 and \$22,255,000 be allocated for Construction of 16 bridge projects in 2016. Of the remaining funds, a uniform allocation of \$2,500,000 per Division is recommended to address needs that occur on a cyclical basis in each Division, leaving a balance of \$67,484,496 to be allocated based on need.

In addition, the staff recommends \$1,188,300 of previous year’s undistributed balances be allocated. Of the total, it is proposed that \$860,000 be allocated to Division 8 to compensate for a funding discrepancy. The remaining \$328,300 is suggested to be allocated to Division 14 to replace Division 14 Bridge funds used for State Match on B-5554 and B-5555.

SCHEDULE V – PAVEMENT PRESERVATION

Pavement Preservation Formula reconciles Division pavement preservation assessed needs with State pavement preservation assessed needs. Beginning in FY 2015, the General Assembly has provided funds to address preservation activities or treatments for asphalt pavement structures. Eligible activities include the following: chip seals, slurry seals, fog seals, sand seals, scrub seals, and cape seals. Microsurfacing, profile milling not covered by resurfacing, asphalt rejuvenators, and open graded asphalt friction course is also eligible. Additional preservation activities include overlays less than 1,000 feet in length, diamond grinding, joint sealing, dowel bar retrofit, and partial or full depth repairs and reclamations. Ultra-thin whitetopping, thin lift and sand asphalt overlays and asphalt crack sealing are also eligible pavement preservation activities. It is also recommended that \$200,000 of the total funds available be allocated for assessment and reporting requirements.

SCHEDULE VI – CONTRACT RESURFACING

Contract Resurfacing Formula reconciles Division assessed needs with the Statewide assessed needs. Of the total \$409,793,934 available, the staff recommends continuing to cash flow \$78,000,000 equally in each of the 14 Highway Divisions and is included in the allocation numbers. These activities will include placement of plant mixed asphalt, surface treatment seals, and recycling existing pavement. They will also include surface preparation, shoulder reconstruction, and traffic lane markings, performed by State Forces and by Contract. In accordance with current legislation, up to 15% of the funds may be used for widening existing narrow pavements. It is also recommended that \$2,300,000 of the total funds available be allocated for the purpose of Pavement Condition Assessments on the Secondary system and \$525,000 of the total funds available be allocated for the purpose of Automated Assessments on the Primary system.

Further detail regarding recommended allocations of these funds is addressed in Table 2 on page 5.

Table 2 – SCHEDULES IV, V, AND VI

Division	Schedule IV	Schedule V	Schedule VI
	Bridge Program	Pavement Preservation	Contract Resurfacing
1	5,130,568	3,410,736	25,015,023
2	4,976,280	3,381,636	31,029,714
3	7,459,751	3,988,542	35,114,342
4	4,292,681	4,308,422	26,266,624
5	3,418,112	3,677,982	44,201,573
6	3,007,506	4,170,839	23,275,450
7	9,510,745	3,768,023	30,217,784
8	4,188,149	5,536,892	32,821,334
9	5,664,705	5,267,632	14,318,522
10	3,143,406	4,817,116	34,409,278
11	21,710,806	8,264,309	22,214,033
12	7,880,246	4,935,306	29,809,296
13	12,197,386	4,069,214	29,991,335
14	11,092,455	5,248,375	27,905,472
Statewide	50,833,000	200,000	2,825,000
Grand Total	\$154,505,796	\$65,045,024	\$409,414,780

Item S Summary: 6 Actions totaling \$1,094,070,501

Committee Reports

Ned Curran – Chair of the Road Naming Committee, provided an update. The committee will bring before the Board in September a resolution to name bridge 140 on SR 1326 over Valley River in Murphy, Cherokee County, for Roscoe William Hall. He will also be bringing before the Board for approval proposed revision to the Road/Bridge/Ferry Naming Policy and Procedures.

RESOLUTION FOR ALLEN T. SMALL

Upon the recommendation of the Road Naming Committee, a motion was made by Board

Member Fearing, seconded by Board Member Tulloss, to approve the following resolution:

WHEREAS, Allen Thurman Small was born in Pittsboro, North Carolina in 1932 and graduated as an honor student from Horton High School in 1951; and dedicated his life to public service and education at an early age, graduating from N.C. Agricultural and Technical State University with honors after studying to be a teacher in 1956; joining the United States Army after graduation and serving from September 1956 until August 1958 when he received an honorable discharge; and earning a Master of Arts Degree from Atlanta University on a Federal Education Grant. He also earned an advanced graduate study certificate in education from the University of North Carolina at Chapel Hill, as well as certificates from Barber Scotia College, Elizabeth City State University and Rutgers University; and

WHEREAS, he spent over three decades in public education, coming to Concord in 1958 to serve as a teacher at Logan High School and was later named principal. Following a one-year sabbatical to attend Atlanta University, he was appointed principal of Coltrane-Webb Elementary School, the first African-American to serve as principal of a desegregated school in Concord. He completed his education career as principal of Wolf Meadow Elementary School, retiring in 1992; he then continued to serve young people and students as assistant to the president at Barber-Scotia College for several years; and

WHEREAS, Mr. Small immersed himself in Concord's Logan Community where he resided and was a member of Price Memorial A.M.E. Zion Church, organized the Logan Optimist Club and was awarded their prestigious president award, served as chairman of the Logan/Shankletown reunion, and worked on the local and state mental health boards. He was also active in the local and North Carolina Association of Educators and the National Education Association; and played an essential role in the formation of the Concord Diversity Advisory Council. He also served as president of the NC A&T Alumni Chapter in Concord for over ten years, and as Basileus of the Phi Chi Chapter of Omega Psi Phi Fraternity where he was selected twice as the Man of the Year, and his alma mater inducted him into the "Golden Aggies" on May 12, 2006; and

WHEREAS, Mr. Small was elected to the Concord City Council in 1997 and served as a Council Member until passing away June 7, 2006. During that time he served as Mayor Pro-Tem in 2004 and was involved in Concord's successful bid for the All-America City Award of the year; and was posthumously awarded the Order of the Long Leaf Pine in August 2006; and

WHEREAS, the Concord Mayor and City Council request naming Bridge 266 in honor of Allen T. Small.

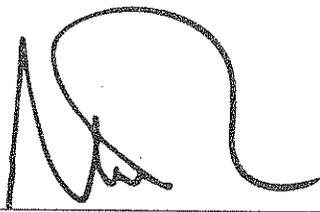
NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names Bridge 266 on Cabarrus Avenue West as the *Allen T. Small Bridge*.

That appropriate signs be erected at a suitable time.

Adopted, this the sixth day of August 2015 by the North Carolina Board of Transportation.


Chairman


Acting Secretary of Transportation

Chairman Curran called a brief recess.

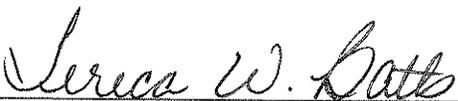
Other Business

Chairman Curran welcomed and introduced Governor McCrory. Governor McCrory thanked and commended the staff and board for their hard work and progress we are making. He encouraged all to continue to protect our quality of life and commended former Secretary Tata for his leadership and expressed his appreciation of the staff and board. Governor McCrory announced we have a new Secretary, Nick Tennyson.

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 10:08 a.m.


Chairman,
North Carolina Board of Transportation

Attest: 
Secretary to the Board of Transportation

Dated this 3rd day of September, 2015