

I N D E X

BOARD OF TRANSPORTATION MEETING

December 3, 2015

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Board of Transportation Meeting

December 3, 2015

Call to Order

Chairman Curran called the meeting of the Board of Transportation to order at 8:34 a.m. Thursday, December 3, 2015 in Raleigh, North Carolina with the following members present:

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

Board Member Debnam called in.

Board Members Lennon and Wetmore were absent.

Invocation

The invocation was offered by Board Member Overholt.

Ethics Statement

Chairman Curran read the Ethics Statement advising any Board Member that may have a conflict of interest or appearance of conflict to abstain from participation in that particular item and to file the proper paper work with the Secretary to the Board.

Approval – Minutes of the November 5, 2015 Board Meeting

The minutes of the November 5, 2015 Board of Transportation meeting were unanimously approved upon a motion by Board Member Palermo, seconded by Board Member Fountain.

Chairman Curran's Remarks

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

Secretary Tennyson's Remarks

Secretary Tennyson thanked everyone for joining and expressed his gratitude for the outstanding work of our team members and encouraged all of us to express our gratitude to our fellow team members for the outstanding job they are doing. Secretary Tennyson shared a few accomplishments with the board.

Secretary Tennyson recognized team members who received the Governor's Award for Excellence several weeks ago, Roadside Environmental Engineer Chris Niver and Thomas Slusser of the Department of Environmental Quality. The Secretary said this is the highest honor a state employee can receive for dedicated service to the State and citizens of North Carolina. They received the award for developing an innovative groundwater mediation strategy that treats polluted groundwater with high-fructose corn syrup from expired sugar beverages.

Secretary Tennyson recognized Talaya Vaughn, NCDMV License and Theft Bureau Inspector who also received the Governor's Award for Excellence in Heroism for her July 2014 rescue of a crash victim from a burning vehicle. Risking her own life, she entered the car, unbuckled the driver, dragged the driver out and assisted until emergency personnel arrived. Secretary Tennyson applauded her bravery and willingness to put her own life on the line for another.

Secretary Tennyson asked Ken Taffer, Division 7 Roadside Environmental Engineer to stand and recognized him for receiving the prestigious Turney Hernandez Roadside Award of Excellence from the National Roadside Vegetation Management Association. The Turney Hernandez Roadside Award of Excellence is the association's highest honor and is named for its founder. It is awarded to outstanding roadside vegetation management programs or individuals throughout the country.

The Secretary asked Jenn Heiss, Hannah Chimento and Patrick McCaully to stand and be recognized for receiving the Communications Awards from the North Carolina Association of Government Information Officers. Patrick was awarded Best Broadcast Public Service Announcement for the "You're Smarter Than That" Booze It & Lose It Campaign. Jenn and Hannah were recognized with a Best Broadcast Programs Honorable Mention for NC Transportation Now, the weekly news show for our department.

The Secretary stated that once again our I-85/485 Turbine Interchange project has received an award, the Grand Conceptor Award from the ACEC-NC, which puts it in the National competition, the results of which will be announced in April.

Secretary Tennyson presented John Rouse, Division 2 Engineer, with the AASHTO 25-Year Award of Meritorious Service. This award is limited to those employees having accrued 25 years of service with one or more AASHTO member departments and who have attained the grade of District Engineer, Assistant Central Office Division Head, Bureau Chief, or higher. John was named Division 2 Engineer in 2013 and previously served as Division Engineer in Division 4 and as Division Maintenance Engineer in Division 2. He also has served as county maintenance engineer and resident engineer, among other positions over his 25 years with the department. The Secretary presented John with a lapel pin and certificate denoting his exceptional honor and thanked him for his outstanding service to our department.

The Secretary announced the new Division 8 Engineer, Brandon Jones. Brandon is a graduate of N.C. State University and has over 18 years with our department. He has worked in several different capacities in Divisions 4 and 5 including Assistant Resident Engineer, Assistant District Engineer, District Engineer, Division Operations Engineer, Division Maintenance Engineer, and Deputy Division Engineer. The Secretary congratulated Brandon on his promotion.

The Secretary informed everyone of this month's Item N containing amendments to our current State Transportation Improvement Program due to additional funding resulting from steps taken in the recently passed budget. The Secretary said these reforms, included increases in DMV fees and the end of the annual transfer of over \$200 million from the Highway Fund to the General Fund among other efforts, will provide an additional \$1.6 billion for transportation construction projects over 10 years.

The Secretary said the Governor announced several weeks ago that utility work necessary to begin the Bonner Bridge replacement is now underway. Cape Hatteras Electric Cooperative is

completing this work in advance of bridge construction, which is scheduled to begin in March. The Secretary said this is an important first step toward replacing the Bonner Bridge and he thanked everyone that continues to be involved with this long-awaited project.

The Secretary said we have begun surveying work for the Pea Island interim bridge project, which also starts in March. He said next week additional prep work will begin and equipment mobilization will start after the first of the year.

The Secretary said we have good news on the federal front that Congress is expected to pass a new five-year reauthorization bill, entitled the FAST Act and this is the first long-term funding bill we've seen since 2005, and we are relieved our federal partners took action to provide better stability for this important funding source. He said we have worked closely with lawmakers on this for years, and we are pleased to see it coming to fruition. The Secretary said we estimate that we will receive more than \$400 million in additional federal highway funding over the five years of the bill, as well as growth in transit funding, which is great news.

The Secretary said that it reinforces some of the high-level priorities we have been working on here in North Carolina and the solutions included in the Governor's Vision, such as: increased transparency; facilitating commerce and freight movement; promoting private investment in our transportation; improving safety; and streamlining of review and permitting processes to accelerate project approvals. The Secretary said he was pleased that the Act included the future interstate corridor designations for the Raleigh-Norfolk and U.S. 70 corridors. He said these designations were top priorities for Governor McCrory, and we thank our Congressional delegation for their efforts and unilateral support on this as well.

The Secretary acknowledged the hard work of the board and department and all that has been accomplished over the past year. The Secretary said that earlier in the week he shared with the Executive Staff a compilation of nearly 140 "wins" from the past year throughout the department. The Secretary said this is far from an exhaustive list, but its breadth gives you an

indication of the real difference we are making across our state and throughout all our operations. He said we are diligently and consistently working to meet the needs of the state. He said he was extremely proud of all we have accomplished and look forward to continuing our achievements in 2016.

Board Member Terry Hutchens gave an overview and update of current activities for Division 6.

Approval of Projects

A motion was made by Board Member Sheehan, seconded by Board Member Tulloss, 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 Hutchens, Dodson and Palermo abstained from voting on certain projects.

Delegated Authority Items

Approval – Award of Highway Construction Contracts in the November 17, 2015 Letting

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

| Project | Contract Awarded To | Amount |
|---|---|-----------------|
| C203772 34932.3.FD2 STP-1175(10) NEW HANOVER U-3338 | SEALAND CONTRACTORS CORP CHARLOTTE, NC | \$22,000,000.58 |
| C203658 34182.2.FS4 IMS-095-2(119)105 JOHNSTON I-3318BB | UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JOHNSTON, IA | \$12,343,410.15 |
| C203657 46045.3.2 STATE FUNDED COLUMBUS B-5331 | THE TARA GROUP OF LUMBERTON INC LUMBERTON, NC | \$725,745.35 |

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|--|---|----------------|
| C203773 2016CPT.06.01.10091.1, 2016CPT.06.01.10241.1, 2016CPT.06.01.20241.1 STATE FUNDED BLADEN, COLUMBUS | BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC | \$2,626,287.88 |
| C203774 2016CPT.06.02.10431.1 STATE FUNDED HARNETT | BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC | \$2,439,023.65 |
| C203771 2016CPT.14.02.10871.1 STATE FUNDED SWAIN | HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNOXVILLE, TN | \$2,990,675.66 |

Approval - Professional Services Management

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

Technical Services

Roadway Design

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 3

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|------------------------------|--|
| Project: | 40233.1.1 (B-4929) Pender County Replace Bridge 16 over the Intracoastal Waterway on NC 50-210 |
| Scope of Work: | Roadway and Hydraulic Design and Traffic Control Plans |
| Estimated Construction Cost: | \$46,000,000.00 |
| Firm: | RS&H Architects-Engineers-Planners, Inc., Charlotte, NC |
| Original Engineering Fee: | \$246,124.99 |
| Supplemental Fee: | \$ 22,141.11 |
| Supplemental Work: | Additional Roadway Design work |
| SPSF Utilization: | 0% |

DIVISION 6

| | |
|------------------------------|---|
| Project: | 39049.1.1 (U-4405) Cumberland County Fayetteville – US 401 (Raeford Road) from west of Hampton Oaks Drive to east of Fairway Drive |
| Scope of Work: | Roadway and Hydraulic Design and Erosion Control Plans |
| Estimated Construction Cost: | \$36,800,000.00 |
| Firm: | Atkins North America, Inc., Raleigh, NC |

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| Original Engineering Fee: | \$ 522,078.52 |
| Supplemental Fee: | \$ 77,344.52 |
| Supplemental Work: | Roadway |
| SPSF Utilization: | 0% |

Project Development and Environmental Analysis - Human Environment

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

STATEWIDE

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| Description of Work: | Limited English Proficiency Limited Services |
| Firm: | Spanish Speaking, LLC, Winston- Salem, NC |
| Original Engineering Fee: | \$150,000.00 |
| Previous Supplemental Fee: | \$150,000.00 |
| Supplemental Fee: | \$100,000.00 |
| SPSF Utilization: | 0% |

Project Development and Environmental Analysis - Project Development

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

STATEWIDE

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| Description of Work: | Planning and Design Limited Services |
| Firm: | RS&H Architects-Engineers-Planners, Inc., Charlotte, NC |
| Original Engineering Fee: | \$1,000,000.00 |
| Previous Supplemental Fee: | \$3,000,000.00 |
| Supplemental Fee: | \$3,000,000.00 |
| SPSF Utilization: | Joyner Keeney, PLLC \$75,000.00 2.5% |
| SPSF Utilization: | Carolina Ecosystems, Inc. \$75,000.00 2.5% |
| SPSF Utilization: | Progressive Design Group, Inc. \$75,000.00 2.5% |
| SPSF Utilization: | Utility Coordination Consultants \$75,000.00 2.5% |

Location & Surveys

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

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| Description of Work: | 2015-2017 Location & Surveys Limited Services |
| Firm: | McKim & Creed, Inc., Raleigh, NC |
| Original Engineering Fee: | \$2,000,000.00 |

Supplemental Fee: \$2,000,000.00
SPSF Utilization: 0%

Description of Work: 2015-2017 Location & Surveys Limited Services

Firm: Mulkey, Inc., Raleigh, NC

Original Engineering Fee: \$3,000,000.00

Previous Supplemental Fee: \$3,000,000.00

Supplemental Fee: \$2,000,000.00

DBE/WBE/SPSF Utilization: 100%

Description of Work: 2015-2017 Location & Surveys Limited Services

Firm: Vaughn & Melton Consulting Engineers, Asheville, NC

Original Engineering Fee: \$4,000,000.00

Previous Supplemental Fee: \$2,000,000.00

Supplemental Fee: \$1,000,000.00

SPSF Utilization: 0%

Description of Work: 2015-2017 Location & Surveys Limited Services

Firm: Sepi Engineering and Construction, Inc., Raleigh, NC

Original Engineering Fee: \$1,000,000.00

Previous Supplemental Fee: \$1,000,000.00

Supplemental Fee: \$1,000,000.00

SPSF Utilization: 0%

Description of Work: 2015-2017 Location & Surveys Limited Services

Firm: Thompson Gordon Shook Engineers, Inc., Shelby, NC

Original Engineering Fee: \$2,000,000.00

Previous Supplemental Fee: \$2,000,000.00

Supplemental Fee: \$2,000,000.00

SPSF Utilization: 100%

Description of Work: 2015-2017 Location & Surveys Limited Services

Firm: So-Deep, US, PC, Raleigh, NC

Original Engineering Fee: \$2,000,000.00

Supplemental Fee: \$1,000,000.00

SPSF Utilization: 100%

Description of Work: 2015-2017 Location & Surveys Limited Services

Firm: Johnson, Mirmiran & Thompson, Inc., Raleigh, NC

Original Engineering Fee: \$500,000.00

Supplemental Fee: \$500,000.00

SPSF Utilization: 0%

Description of Work: 2015-2017 Location & Surveys Limited

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| | Services |
| Firm: | ESP Associates, PA, Charlotte, NC |
| Original Engineering Fee: | \$6,000,000.00 |
| Previous Supplemental Fee: | \$6,000,000.00 |
| Supplemental Fee: | \$2,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015-2017 Location & Surveys Limited Services |
| Firm: | Dewberry Engineers, Inc., Raleigh, NC |
| Original Engineering Fee: | \$1,500,000.00 |
| Supplemental Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015-2017 Location & Surveys Limited Services |
| Firm: | Joyner Keeny, PLLC, Rocky Mount, NC |
| Original Engineering Fee: | \$1,500,000.00 |
| Previous Supplemental Fee: | \$1,500,000.00 |
| Supplemental Fee: | \$1,000,000.00 |
| SPSF Utilization: | 100% |
| Description of Work: | 2015-2017 Location & Surveys Limited Services |
| Firm: | GEL Engineering of NC, Inc., Raleigh, NC |
| Original Engineering Fee: | \$3,000,000.00 |
| Supplemental Fee: | \$2,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015-2017 Location & Surveys Limited Services |
| Firm: | CH Engineering, PLLC, Raleigh, NC |
| Original Engineering Fee: | \$1,500,000.00 |
| Supplemental Fee: | \$1,000,000.00 |
| DBE/WBE/SPSF Utilization: | 100% |
| Description of Work: | 2015-2017 Location & Surveys Limited Services |
| Firm: | Mattern & Craig, Inc., Asheville, NC |
| Original Engineering Fee: | \$500,000.00 |
| Supplemental Fee: | \$500,000.00 |
| SPSF Utilization: | 100% |
| Description of Work: | 2015-2017 Location & Surveys Limited Services |
| Firm: | Wetherill Engineering, Inc., Raleigh, NC |
| Original Engineering Fee: | \$ 500,000.00 |
| Supplemental Fee: | \$1,000,000.00 |
| DBE/WBE/SPSF Utilization: | 100% |
| Description of Work: | 2015-2017 Location & Surveys Limited Services |
| Firm: | AMEC Foster Wheeler Environment & |

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| | Infrastructure, Inc., Durham, NC |
| Original Engineering Fee: | \$ 500,000.00 |
| Supplemental Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015-2017 Location & Surveys Limited Services |
| Firm: | Stantec Consulting Services, Inc., Raleigh, NC |
| Original Engineering Fee: | \$3,000,000.00 |
| Supplemental Fee: | \$2,000,000.00 |
| SPSF Utilization: | 0% |

Chief Engineer

Transportation Mobility and Safety

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

STATEWIDE

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| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | Accelerate Engineering, PLLC, Cary, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| DBE/MBE/SPSF Utilization: | 100% |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | AECOM Technical Services of North Carolina, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$5,500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | Atkins North America, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$3,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | CDM Smith, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | John Davenport Engineering, Inc., Winston-Salem, NC |

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| Maximum Engineering Fee: | \$500,000.00 |
| DBE/MBE/SPSF Utilization: | 100% |
| Description of Work: 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts | |
| Firm: | Hatch Mott MacDonald I&E, LLC, Fuquay-Varina, NC |
| Maximum Engineering Fee: | \$5,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts | |
| Firm: | HDR Engineering, Inc. of the Carolinas, Raleigh, NC |
| Maximum Engineering Fee: | \$1,500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts | |
| Firm: | HNTB of North Carolina, PC, Raleigh, NC |
| Maximum Engineering Fee: | \$7,500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts | |
| Firm: | ICA Engineering, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$2,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts | |
| Firm: | Kimley-Horn & Associates, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$3,500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts | |
| Firm: | Mattern & Craig, Inc., Asheville, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 100% |
| Description of Work: 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts | |
| Firm: | Mekuria Engineering, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| DBE/MBE/SPSF Utilization: | 100% |
| Description of Work: 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts | |
| Firm: | Parsons Transportation Group, Raleigh, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |

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| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | Patriot Transportation Engineering, PLLC, Raleigh, NC |
| Maximum Engineering Fee: | \$2,000,000.00 |
| SPSF Utilization: | 100% |
| | |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | Progressive Design Group, Inc., Charlotte, NC |
| Maximum Engineering Fee: | \$1,500,000.00 |
| SPSF Utilization: | 100% |
| | |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | Rummel, Klepper & Kahl, LLP, Raleigh, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |
| | |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | RS&H Architects-Engineers-Planners, Inc., Charlotte, NC |
| Maximum Engineering Fee: | \$3,500,000.00 |
| SPSF Utilization: | 0% |
| | |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | SEPI Engineering & Construction, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |
| | |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | Stantec Consulting Services, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$6,500,000.00 |
| SPSF Utilization: | 0% |
| | |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | STV Engineers, Inc., Charlotte, NC |
| Maximum Engineering Fee: | \$2,000,000.00 |
| SPSF Utilization: | 0% |
| | |
| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |
| Firm: | VHB Engineering NC, PC, Watertown, MA |
| Maximum Engineering Fee: | \$3,000,000.00 |
| SPSF Utilization: | 0% |
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| Description of Work: | 2015 Transportation Mobility and Safety Division (TMSD) Limited Services Contracts |

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| Firm: | WSP USA Corp., Cary, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |

ITS & Signals

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

DIVISION 6

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|------------------------------|---|
| Project: | 50164.1.1 (U-5742) Cumberland Fayetteville Computerized Signal System |
| Scope of Work: | Prepare detailed plans, specifications, and Engineer's estimate for the rehabilitation/expansion of the Fayetteville Computerized Traffic Signal System |
| Estimated Construction Cost: | \$4,350,000.00 |
| Firm: | Kimley & Horn and Associates, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$588,827.64 |
| SPSF Utilization: | 0% |

Construction - Divisions

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

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|----------------------------|--|
| Description of Work: | 2012 Divisions Planning & Design LSC |
| Firm: | HNTB of North Carolina, PC, Raleigh, NC |
| Original Engineering Fee: | \$2,000,000.00 |
| Previous Supplemental Fee: | \$2,000,000.00 and 6-month time extension |
| Supplemental Fee: | \$1,000,000.00 |
| SPSF Utilization: | Alpha & Omega Group, PC \$50,000.00 5% |
| SPSF Utilization: | Carolina Land Acquisitions, Inc. \$10,000.00 1% |
| DBE/WBE/SPSF Utilization: | Mattson, Alexander and Associates, Inc. \$10,000.00 1% |
| DBE/MBE/SPSF Utilization: | MA Engineering Consultants, Inc. \$50,000.00 5% |

DIVISION 6

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|----------------|---|
| Project: | 34817.3.12 (U-2519DA) Cumberland County Fayetteville Outer Loop from east of SR 1415 (Clearwater Road) to west of NC 24 (Bragg Boulevard) |
| Scope of Work: | Construction Engineering and Inspection |

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|------------------------------|---|
| Estimated Construction Cost: | Services \$22,633,000.00 |
| Firm: | RS&H Architects-Engineers-Planners, Inc., Charlotte, NC |
| Original Engineering Fee: | \$5,000,000.00 |
| Previous Supplemental Fee: | \$1,500,000.00 |
| Supplemental Fee: | \$ 800,000.00 |
| Supplemental Work: | Additional construction engineering and inspection to complete the project |
| SPSF Utilization: | 0% |

Field Support

Roadside Environmental

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

DIVISION 2

| | |
|------------------------------|--|
| Project: | 42229.1.1 (K-5101) Craven County US 70 Rest Area Renovations – Buildings and Grounds |
| Scope of Work: | Rest Area Design |
| Estimated Construction Cost: | \$500,000.00 |
| Firm: | JKF Architecture, PC, Greenville, NC |
| Original Engineering Fee: | \$95,250.00 |
| Previous Supplemental Fee: | \$ 6,840.00 |
| Supplemental Fee: | \$50,000.00 not-to-exceed |
| Supplemental Work: | Additional Construction Administration Services due to unsuitable soils and contractor construction delays |
| SPSF Utilization: | 100% |

Structures Management

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 Structures Management Support Services (Design, Inspection, Forensics, and Moveable Bridge) on an as needed basis for various federal-aid and state funded projects to support the Structures Management Unit. These contracts will expire two (2) years (with an optional one (1) year extension) after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only

STATEWIDE

| | |
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| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | AECOM Technical Services of North Carolina, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$3,000,000.00 |
| SPSF Utilization: | 0% |

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| Description of Work: | 2015 Structures Management Support Limited |
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|--------------------------|--|
| Firm: | Services Contract |
| Maximum Engineering Fee: | Alpha & Omega Group, PC, Raleigh, NC |
| SPSF Utilization: | \$2,500,000.00 |
| | 100% |
| | |
| Description of Work: | 2015 Structures Management Support Limited |
| | Services Contract |
| Firm: | Areté Engineers, PLLC, Boone, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization : | 100% |
| | |
| Description of Work: | 2015 Structures Management Support Limited |
| | Services Contract |
| Firm: | Michael Baker Engineering, Inc., Cary, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |
| | |
| Description of Work: | 2015 Structures Management Support Limited |
| | Services Contract |
| Firm: | Campo & Associates, PLLC, Kannapolis, NC |
| Maximum Engineering Fee: | \$2,500,000.00 |
| SPSF Utilization: | 0% |
| | |
| Description of Work: | 2015 Structures Management Support Limited |
| | Services Contract |
| Firm: | CDM Smith, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$1,500,000.00 |
| SPSF Utilization: | Progressive Design Group, Inc. \$30,000.00 |
| | 2% |
| | |
| Description of Work: | 2015 Structures Management Support Limited |
| | Services Contract |
| Firm: | DRMP, Inc., Charlotte, NC |
| Maximum Engineering Fee: | \$1,500,000.00 |
| SPSF Utilization: | 0% |
| | |
| Description of Work: | 2015 Structures Management Support Limited |
| | Services Contract |
| Firm: | Gannett Fleming, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$2,000,000.00 |
| SPSF Utilization: | 0% |
| | |
| Description of Work: | 2015 Structures Management Support Limited |
| | Services Contract |
| Firm: | Hatch Mott MacDonald I&E, LLC, Fuquay- |
| | Varina, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |
| | |
| Description of Work: | 2015 Structures Management Support Limited |
| | Services Contract |
| Firm: | HDR Engineering, Inc. of the Carolinas, |
| | Raleigh, NC |

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|--------------------------|--|
| Maximum Engineering Fee: | \$4,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | HNTB of North Carolina, PC, Raleigh, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | ICA Engineering, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$1,500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Infrastructure Consulting & Engineering, PLLC, Raleigh, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 100% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Infrastructure Engineers, Inc., St. Cloud, FL |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 100% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | KCI Associates of North Carolina, PA, Raleigh, NC |
| Maximum Engineering Fee: | \$2,500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Kimley-Horn & Associates, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Mead & Hunt, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | MI Engineering, PLLC, Raleigh, NC |
| Maximum Engineering Fee: | \$3,000,000.00 |
| DBE/SPSF Utilization: | 100% |

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|---------------------------|--|
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Moffatt & Nichol, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$1,500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | MS Consultants, Inc., Garner, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Parsons Transportation Group, Raleigh, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Rummel, Klepper & Kahl, LLP, Raleigh, NC |
| Maximum Engineering Fee: | \$2,500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | RS&H Architects-Engineers-Planners, Inc., Charlotte, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Simpson Engineers & Associates, PC, Cary, NC |
| Maximum Engineering Fee: | \$3,000,000.00 |
| DBE/MBE/SPSF Utilization: | 100% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Stantec Consulting Services, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$3,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Stewart Engineering, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 100% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | STV Engineers, Inc., Charlotte, NC |

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|---------------------------|--|
| Maximum Engineering Fee: | \$1,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Thompson Gordon Shook Engineers, Inc., Shelby, NC |
| Maximum Engineering Fee: | \$1,500,000.00 |
| SPSF Utilization: | 100% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Vaughn & Melton Consulting Engineers, Asheville, NC |
| Maximum Engineering Fee: | \$500,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Volkert, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$2,000,000.00 |
| SPSF Utilization: | 0% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | Wetherill Engineering, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$4,000,000.00 |
| DBE/WBE/SPSF Utilization: | 100% |
| Description of Work: | 2015 Structures Management Support Limited Services Contract |
| Firm: | WSP USA Corp., Cary, NC |
| Maximum Engineering Fee: | \$2,500,000.00 |
| SPSF Utilization: | 0% |

Planning and Programming

Strategic 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

| | |
|----------------------------|--|
| Project: | W00820 Statewide |
| Scope of Work: | 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: | \$1,087,237.03 |

Supplemental Fee: \$ 110,476.99
 SPSF Utilization: 0%

State Asset Management

Pavement Management

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: Statewide Pavement Condition Surveys
 Scope of Work: Conduct pavement condition surveys on roadways statewide
 Firm: S&ME, Inc., Raleigh, NC
 Original Engineering Fee: \$2,500,000.00
 Previous Supplemental Fee: \$2,500,000.00
 Supplemental Fee: \$2,500,000.00
 Supplemental Work: Conduct pavement condition surveys on roadways statewide
 SPSF Utilization: 0%

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

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

| County | SR No. | Description | Amount |
|-----------------|---------------------------|--------------------------------------|-------------|
| Franklin Div. 5 | SR 1628 Simon Collie Road | GDB&P. Increase Funds. WBS 5C.035047 | \$86,039.41 |

Closings

| Division | County | WBS Element | Road Number / Name | Amount |
|----------|----------|-------------|--|--------------|
| Div. 2 | Beaufort | 2C.007120 | GDB&P. SR 1121 Camp Hardee Road. Increase and Close. | \$588.40 |
| Div. 5 | Franklin | 5C.035052 | Various Paved Road Improvements. Increase & Close | \$189,592.98 |

Correction: 5C.093049- Project Deletion, should not have been listed on the November 2015 BOT Agenda.

December 2015 Item E Summary:

| | | | |
|----------|---------------------------------------|----------------|---------------------|
| 1 | Projects to Increase Funds | Amount: | \$86,039.41 |
| 2 | Projects to Increase and Close | Amount: | \$190,181.38 |
| 0 | Projects to Delete | Amount: | \$0.00 |

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

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

| County | Description | Type | Amount |
|-----------------|--|--------------------------------------|----------------------------------|
| Div 3 Onslow | City of Jacksonville – WBS 44485 was established (06/15) to modify intersection of SR 1308 (Gumbranch Rd) & Williamsburg Plantation (city street) to include pedestrian crosswalks and associated pedestrian signals Increase funds | Small Construction <hr/> TOTAL | \$37,760.00 <hr/> \$37,760.00 |
| Div 3 Onslow | City of Jacksonville – WBS 44486 was established (06/15) to modify intersection of SR 1308 (Gumbranch Rd) & Doris Ave (city street) to include pedestrian crosswalks and associated pedestrian signals Increase funds | Small Construction <hr/> TOTAL | \$37,750.00 <hr/> \$37,750.00 |
| Div 3 Onslow | City of Jacksonville – Remove the existing asphalt island on US-17 Business from Chaney Ave (City street) to Bridge # 29 and replace with thermoplastic striped island WBS 44602 | Small Construction <hr/> TOTAL | \$25,000.00 <hr/> \$25,000.00 |
| Div 3 Onslow | Town of Verona – Construct and pave driveway to bays of new Verona VFD WBS 44613 | Public Access <hr/> TOTAL | \$25,000.00 <hr/> \$25,000.00 |
| Div 3 Pender | Rocky Point – Construct and pave driveway to bay doors of the Rocky Point VFD WBS 44603 | Public Access <hr/> TOTAL | \$25,000.00 <hr/> \$25,000.00 |
| Div 3 Pender | Currie – Construct and pave driveway to bays of new Pender Fire & EMS facility, Station #29 WBS 44612 | Public Access <hr/> TOTAL | \$25,000.00 <hr/> \$25,000.00 |
| Div 4 | Town of Littleton – Remove and replace | | |

| | | | |
|---|--|-----------------------|--------------|
| Halifax | sidewalk along US-158 from an existing crosswalk on US-158 to Ferguson St Other funding: \$15,000 (Town) WBS 80020 | Small Construction | \$35,000.00 |
| | | TOTAL | \$35,000.00 |
| Div 6 Robeson | Town of Pembroke – Advance PE work for proposed safety project to enhance pedestrian safety and construct a 4 lane divided section (complete street) on Prospect Ave from NC-711 to Corinth Rd adjacent to UNCP WBS 44608 | Small Construction | \$100,000.00 |
| | | TOTAL | \$100,000.00 |
| Div 7 Guilford | City of Greensboro – WBS 43512 was established (03/12) for an extension of existing taxiway for proposed Honda Aircraft Company expansion at Piedmont Triad International Airport Increase & close | Contingency | \$51,150.00 |
| | | TOTAL | \$51,150.00 |
| Div 7 Guilford | WBS 44449 was established (05/15) to reopen Old Stage Coach Trail between Ballinger Rd and North Chimney Rock Rd Increase funds | Econ Development | \$310,000.00 |
| | | TOTAL | \$310,000.00 |
| Div 7 Orange | WBS 44160 was established (03/14) to construct a new access road approximately 0.45 mile to provide access to a new facility for Morinaga American Food, Inc. Increase & close | Econ Development | \$30,672.85 |
| | | TOTAL | \$30,672.85 |
| Div 8 Montgomery | Construct and pave driveway to new bay at Uwharrie VFD WBS 44611 | Public Access | \$11,000.00 |
| | | TOTAL | \$11,000.00 |
| Div 9 Forsyth | Town of Walkerton – Traffic signal phasing modifications at the intersection of SR 2405 (Belews Creek Rd) at US-158 WBS 44609 | Small Construction | \$20,000.00 |
| | | TOTAL | \$20,000.00 |
| Div 11 Watauga | Install pedestrian bridge over the Middle Fork of the South Fork New River on the Middle Fork Greenway of National Park Service property near Blowing Rock WBS 44607 | Contingency | \$145,000.00 |
| | | TOTAL | \$145,000.00 |
| Div 14 Haywood / Jackson / Swain | WBS 44299 was established (11/14) for preliminary engineering and construction administration for five ride share lots Increase and close | Small Construction | \$3,631.57 |
| | | TOTAL | \$3,631.57 |
| Div 17 | Planning for study of multi-state highway | | |

| | | | |
|----|---|---------------------|---------------------|
| NA | project, per HB 97, on Carolina Bays Parkway in Brunswick County | Econ Development | \$695,000.00 |
| | WBS 44604 | <u>TOTAL</u> | <u>\$695,000.00</u> |

Deletion:

Div 5, Durham County – WBS 43901 was established (06/13) to provide a west bound turn lane on SR 1109 (Farrington Rd) at the intersection of Farrington Mill Rd and Barbee Chapel Rd; partially funded by alternate source

Div 5, Wake County – WBS 40904 was established (06/06) to construct 1,000 ft extension on SR 1632 (Old Mayard Rd/Louis Stephens Rd) to provide two lanes on four-lane divided ROW near proposed I-540; funded through alternate source

| | | |
|-----------------|--------------------------------------|------------------------------|
| Summary: | Number of Projects | 16 |
| | Number of Divisions | 9 |
| | Small Construction Commitment | \$259,141.57 |
| | Public Access Commitment | \$86,000.00 |
| | Contingency Commitment | \$196,150.00 |
| | Economic Development | \$1,035,672.85 |
| | TOTAL | <u>\$1,576,964.42</u> |

Approval – Specific Spot Safety Improvement Projects

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

| | | |
|---|--|--------------|
| Elizabeth City/ Pasquotank Co. Div. 1 SS-4901AS | WBS 44570.2.1 US 17/158 at Medical Drive; US 17/158 at SR 1383 (COA Drive); US 17/158 at Food Lion/Hall Ford; US 17/158 at SR 1346 (Culpepper Lane/Fairway Terrace); US 17 at SR 1306 (Forest Park Road). Initial right of way and utilities funds are needed for traffic signal revisions and intersection safety improvements. File 01-13-25249R | \$22,500.00 |
| Elizabeth City/ Pasquotank Co. Div. 1 SS-4901AS | WBS 44570.3.1 US 17/158 at Medical Drive; US 17/158 at SR 1383 (COA Drive); US 17/158 at Food Lion/Hall Ford; US 17/158 at SR 1346 (Culpepper Lane/Fairway Terrace); US 17 at SR 1306 (Forest Park Road). Initial construction funds are needed for traffic signal revisions and intersection safety improvements. File 01-13-25249C | \$247,500.00 |
| New Bern/ Craven Co. Div. 2 SS-4902BZ | WBS 44572.2.1 SR 1309 (Glenburnie Road) at Brunswick Avenue. Initial right of way and utilities funds are needed for traffic signal revisions. File 02-15-34156R | \$9,000.00 |

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|--|---|--------------|
| New Bern/ Craven Co. Div. 2 SS-4902BZ | WBS 44572.3.1 SR 1309 (Glenburnie Road) at Brunswick Avenue. Initial construction funds are needed for traffic signal revisions. File 02-15-34156C | \$54,630.00 |
| Lenoir Co. Div. 2 SS-4902BY | WBS 44571.3.1 NC 58 between the Jones County Line and SR 1900 (Collier Loftin Road). Initial construction funds are needed for safety improvements. File 02-15-34808C | \$144,045.00 |
| Pitt Co. Div. 2 SS-4902CA | WBS 44573.3.1 US 13/NC 11 between NC 903 and SR 1512 (Hollowell Road). Initial construction funds are needed for centerline snowplowable markers and rumble strips installation. File 02-15-35143C | \$67,050.00 |
| Duplin Co. Div. 3 SS-4903CA | WBS 44575.3.1 NC24-903/NC 903 (Kenansville Bypass) at NC 24/NC 24 Business. Initial construction funds are needed for traffic signal revisions. File 03-15-35878C | \$20,106.00 |
| Duplin Co. Div. 3 SS-4903CB | WBS 44576.3.1 NC 24/903 (Kenansville Bypass) and NC 50. Initial construction funds are needed for traffic signal revisions. File 03-15-35685C | \$17,358.00 |
| Wilmington/ New Hanover Co. Div. 3 SS-4903BZ | WBS 44574.3.1 US 17 Business (Market Street) and Covil/Montgomery Avenue. Initial construction funds are needed for traffic signal revisions. File 03-15-36556C | \$19,085.00 |
| Pender Co. Div. 3 SS-4903CC | WBS 44577.3.1 NC 53 and NC 50. Initial construction funds are needed for installation of actuated flashing yellow beacons and signing. File 03-15-35681C | \$80,630.00 |
| Salemburg/ Autryville Sampson Co. Div. 3 SS-4903CD | WBS 44578.2.1 SR 1233 (Autryville/Bonnettsville Road) from western municipal Limits of Salemburg to NC 24 in Autryville. Initial right of way and utilities funds are needed for safety improvements. File 03-15-34761R | \$1,800.00 |
| Salemburg/ Autryville Sampson Co. Div. 3 SS-4903CD | WBS 44578.3.1 SR 1233 (Autryville/Bonnettsville Road) from western municipal Limits of Salemburg to NC 24 in Autryville. Initial construction funds are needed for safety improvements. File 03-15-34761C | \$248,686.00 |
| Tarboro/ Edgecombe Co. | WBS 44579.3.1 US 64 between the Exit 485 overhead sign guardrail and the Tar River Bridge guardrail. Initial construction funds are needed | \$13,500.00 |

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| Div. 4 SS-4904DM | for guardrail installation. File 04-15-36329C | |
| Wake Co. Div. 5 SS-4905DA | WBS 44580.3.1 US 64 Business in the vicinity of SR 2655 (Three Sisters Road). Initial construction funds are needed for signing revisions. File 05-15-6617C | \$9,000.00 |
| Robeson Co. Div. 6 SS-4906CH | WBS 44581.3.1 SR 1318 approximately 1.4 miles southwest of SR 1784 (Coy Road). Initial construction funds are needed for guardrail installation. File 06-15-36482C | \$36,000.00 |
| Robeson Co. Div. 6 SS-4906CI | WBS 44605.3.1 SR 1527 (Pine Log Road) at SR 1528 (Carthage Road). Initial construction funds are needed for signing, pavement markings, and sight distance improvements. File 06-15-37743C | \$12,150.00 |
| Robeson Co. Div. 6 SS-4906CI | WBS 44605.2.1 SR 1527 (Pine Log Road) at SR 1528 (Carthage Road). Initial right of way and utilities funds are needed for signing, pavement markings, and sight distance improvements. File 06-15-37743R | \$4,500.00 |
| Davidson Co. Div. 9 SS-4909BL | WBS 44582.2.1 SR 2932 (Old Highway 52) at US 52 Northbound ramps/ SR 1815 (Thomas Road) northeast of Welcome. Initial right of way and utilities funds are needed for traffic signal installation. File 09-15-567R | \$5,400.00 |
| Davidson Co. Div. 9 SS-4909BL | WBS 44582.3.1 SR 2932 (Old Highway 52) at US 52 Northbound ramps/ SR 1815 (Thomas Road) northeast of Welcome. Initial construction funds are needed for traffic signal installation. File 09-15-567C | \$111,600.00 |
| Kannapolis/ Cabarrus Co. Div. 10 SS-4910BZ | WBS 44584.3.1 SR 2000 (Brantley Road) at SR 2154 (Little Texas Road). Initial construction funds are needed for all-way stop installation. File 10-15-217C | \$9,000.00 |
| Union Co. Div. 10 SS-4910BY | WBS 44583.2.1 SR 1315 (New Town Road) in the vicinity of SR 3644 (Crooked River Drive) near Weddington. Initial right of way and utilities funds are needed for superelevation pavement revisions and pavement overlay. File 10-15-233R | \$9,000.00 |
| Union Co. Div. 10 SS-4910BY | WBS 44583.3.1 SR 1315 (New Town Road) in the vicinity of SR 3644 (Crooked River Drive) near Weddington. Initial construction funds are | \$288,000.00 |

| | | |
|---|---|--------------|
| | needed for superelevation pavement revisions and pavement overlay. File 10-15-233C | |
| Hickory/ Catawba Co. Div. 12 SS-4912BR | WBS 44585.2.1 NC 127 at 3rd Avenue SE. Initial right of way and utilities funds are needed for actuated flasher installation. File 12-15-208R | \$5,400.00 |
| Hickory/ Catawba Co. Div. 12 SS-4912BR | WBS 44585.3.1 NC 127 at 3rd Avenue SE. Initial construction funds are needed for actuated flasher installation. File 12-15-208C | \$22,500.00 |
| Bessemer City/ Gaston Co. Div. 12 SS-4912AY | WBS WBS 43934.3.1 NC 161 in the vicinity of SR 1304 (Skyland Avenue). \$23,200.00 in construction funds has previously been approved for guardrail installation. Reduce funds and delete project. Project was constructed with other funds. File 12-13-201 | -\$23,200.00 |
| Buncombe Co. Div. 13 SS-4913BW | WBS 44368.3.1 SR 1756 (Jupiter Road) from US 25-70 to US 19-23 (Future I-26) near Weaverville. \$170,000.00 in construction funds has previously been approved for shoulder construction and pavement overlay. Additional funds are needed due to an increase in construction costs. File 13-14-211-1 | \$53,000.00 |
| Asheville/ Buncombe Co. Div. 13 SS-4913CA | WBS 44586.2.1 US 25 (Biltmore Avenue) at Hilliard Avenue/Market Street. Initial right of way and utilities funds are needed for traffic signal revisions. File 13-15-206R | \$9,000.00 |
| Asheville/ Buncombe Co. Div. 13 SS-4913CA | WBS 44586.3.1 US 25 (Biltmore Avenue) at Hilliard Avenue/Market Street. Initial construction funds are needed for traffic signal revisions. File 13-15-206C | \$94,500.00 |
| Burke Co. Div. 13 SS-4913CB | WBS 44587.3.1 I-40 at various narrow bridges in Burke County near Morganton. Initial construction funds are needed for flexible reflective delineators installation. File 13-13-214C | \$10,800.00 |
| Graham Co. Div. 14 SS-4914CF | WBS 44588.2.1 NC 28 from NC 143 to a point approximately 1 mile west of SR 1245. Initial right of way and utilities funds are needed for guardrail installation. File 14-15-217R | \$4,500.00 |

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|--------------------|-------|------|---------------------------------------|----------|
| | | 0.12 | Cressida Drive | |
| | | 0.16 | Phobos Place | |
| | | 0.07 | Portia Place | |
| Johnston | 50951 | | Olivia Fields Subdivision | 9/23/15 |
| | | 0.73 | Olivia Way | |
| Division 6 | | | | |
| Cumberland | 50952 | | Braxton Cove Subdivision | 10/7/15 |
| | | 0.09 | Gallberry Farms Road, SR 3968 Ext. | |
| | | 0.11 | Derby Lane, SR 3996 Ext. | |
| | | 0.20 | Seafield Lane | |
| | | 0.17 | Prestonfield Lane | |
| Cumberland | 50953 | | Faircloth Estates Subdivision | 10/13/15 |
| | | 0.14 | Farmall Drive | |
| Cumberland | 50954 | | Grays Creek Villas Subdivision | 10/15/15 |
| | | 0.27 | Headwind Drive | |
| | | 0.13 | Cherry Point Drive | |
| | | 0.04 | Headwind Drive | |
| Cumberland | 50955 | | Hammond Farm Subdivision | 10/8/15 |
| | | 0.18 | Hammond Farms Road | |
| Harnett | 50956 | | Richmond Park Subdivision | 9/30/15 |
| | | 0.17 | Revere Way | |
| | | 0.11 | Citadel Street | |
| | | 0.05 | Caraway Court | |
| | | 0.06 | Sullivan Lane | |
| Harnett | 50957 | | Trotters Ridge Subdivision | 9/25/15 |
| | | 0.33 | Kentucky Derby Lane | |
| | | 0.08 | Jockey Ridge | |
| | | 0.29 | Horse Whisperer Lane | |
| Harnett | 50958 | | Ben Woods Subdivision | 9/30/15 |
| | | 0.11 | Ben Court | |
| Division 8 | | | | |
| Chatham | 50959 | | Valley View Subdivision | 10/21/15 |
| | | 0.20 | Valley View Lane | |
| Forsyth | 50960 | | Driftwood Acres Subdivision | 10/19/15 |
| | | 0.08 | Carriage Trail Court | |
| Division 12 | | | | |
| Catawba | 50961 | 0.21 | Kiser Island Road, SR 1841 Ext. | 10/21/15 |
| Catawba | 50962 | 0.03 | County Home Road, SR 1484 Ext. | 12/15/15 |
| Lincoln | 50963 | | Treetops Subdivision | 10/30/15 |

| | |
|------|---------------------|
| 0.51 | Treetops Drive |
| 0.16 | Sand Trap Lane |
| 0.37 | Burning Ridge Drive |
| 0.20 | Oak haven Lane |
| 0.21 | Bent Tree Drive |
| 0.21 | Birdie Drive |

Road Abandonments:

| County | Pet. No. | Length (Miles) | Description | Date of Report |
|------------------------|----------|----------------|--|----------------|
| Division 12 Catawba | 50964 | 0.04 | Portion of SR 1484 County Home Road | 10/15/15 |

**Summary: Number of Roads Petitioned for Addition – 39
Number of Roads Petitioned for Abandonment – 1**

Correction: Division 8, Chatham County Petition 50931 added Blarney Stone Circle for 0.60 miles. The correct mileage should be 0.06 miles.

Approval – Public Transportation

A motion was made by Board Member Fountain, seconded by Board Member Tulloss, to approve the following:

Section 5303 - Metropolitan Planning

| | | | Planning | |
|-------|--|----|----------|---------|
| Div 2 | 17-08-117 The City of New Bern is requesting funds to compile National Transit Database reports, evaluate bus stops, schedules and routing, and develop the transit element of the Metropolitan Transportation Plan (Long Range Plan). Activities also include conducting a transit study to improve operations of the Craven Area Transit System and coordinate transit planning with future roadway, sidewalk, and greenway improvement projects.(5303) | \$ | 25,000 | Total |
| | | \$ | 20,000 | Federal |
| | | \$ | 2,500 | State |
| | | \$ | 2,500 | Local |
| Div 2 | 17-08-011 The City of Greenville is requesting funds to work on the transit element of the Long Range Transportation Plan. Activities also include updates on the Transportation Improvement Plan/Priorities and Safety/Drug Control Planning. (5303) | \$ | 42,000 | Total |
| | | \$ | 33,600 | Federal |
| | | \$ | 4,200 | State |
| | | \$ | 4,200 | Local |
| Div 3 | 17-08-118 The Waccamaw Regional Council of Governments , doing businesses as the Grand Strand Metropolitan Planning Organization, is requesting funds to provide program support and coordinate citizen participation. The funds will also be used to maintain Brunswick County land use and travel forecasting data into the GSATS model data base. (5303) | \$ | 10,000 | Total |
| | | \$ | 8,000 | Federal |
| | | \$ | 1,000 | State |
| | | \$ | 1,000 | Local |
| Div 3 | 17-08-114 - The City of Jacksonville , operating as the Jacksonville Urbanized Area MPO, is requesting funds to | \$ | 35,000 | Total |
| | | \$ | 28,000 | Federal |

| | | | |
|-------|--|------------|---------|
| | conduct planning work to improve operations of the Jacksonville Transit System through development of a Transit Study. (5303) | \$ 3,500 | State |
| | | \$ 3,500 | Local |
| Div 3 | 17-08-016 - The City of Wilmington , operating as the Wilmington Urbanized area MPO, proposes to continue transit operations and administrative planning tasks, including preparing all required reports, attending technical meetings, and continuing oversight of the Transit operation. (5303) | \$ 80,000 | Total |
| | | \$ 64,000 | Federal |
| | | \$ 8,000 | State |
| | | \$ 8,000 | Local |
| Div 4 | 17-08-110 - The City of Goldsboro , operating as the Goldsboro Urban Area MPO, proposes to conduct a feasibility study for the Old Train Station serving as a multi-modal facility and Five Year operations/administration study for the Gateway Transit System. (5303) | \$ 39,000 | Total |
| | | \$ 31,200 | Federal |
| | | \$ 3,900 | State |
| | | \$ 3,900 | Local |
| Div 4 | 17-08-115 – The City of Rocky Mount , operating as the Rocky Mount Urban Area MPO, plans to use the 5303 funds to collect daily operational data in order to develop quarterly and annual reports as well as review existing policies and procedures for Elderly and Disabled transportation. (5303) | \$ 39,000 | Total |
| | | \$ 31,200 | Federal |
| | | \$ 3,900 | State |
| | | \$ 3,900 | Local |
| Div 5 | 17-08-101 - The City of Raleigh , operating as the Capital Area MPO, proposes to implement projects in the Five-year Transit Plan, develop a mid-range MPO transit plan, develop public involvement programs for transit growth, and additional modeling activity such as coding transit routes and ridership estimates. (5303) | \$ 374,000 | Total |
| | | \$ 299,200 | Federal |
| | | \$ 37,400 | State |
| | | \$ 37,400 | Local |
| Div 5 | 17-08-103 - The City of Durham , operating as the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC), proposes to prepare and monitor transit fiscal programs, conduct ridership surveys, update transit maps, and provide socioeconomic projections and other data for development of the transit portion of the 2040 Long-Range Transportation Plan. (5303) | \$ 350,000 | Total |
| | | \$ 280,000 | Federal |
| | | \$ 35,000 | State |
| | | \$ 35,000 | Local |
| Div 6 | 17-08-104 - The Cumberland County Joint Planning Board , operating as the Fayetteville Area Metropolitan Planning Organization, proposes to evaluate data including travel trends and ridership forecasts to refine the Transit Element of the LRTP. Activities will also include updating base maps and evaluating current ADA and demand response and subscription routes. The MPO will also participate in regional corridor or area studies in relation to major land use and socio-economic changes. (5303) | \$ 83,000 | Total |
| | | \$ 66,400 | Federal |
| | | \$ 8,300 | State |
| | | \$ 8,300 | Local |
| Div 7 | 17-08-105 - The City of Greensboro , operating as the Greensboro Urban Area MPO, proposes to conduct an annual assessment of the Transportation Services Plan plus | \$ 176,000 | Total |
| | | \$ 140,800 | Federal |
| | | \$ 17,600 | State |

| | | | |
|--------|---|------------|---------|
| | additional analysis as needed. GTA will complete and work to implement the Transit Services Plan and conduct additional public transportation studies as needed to assess system data, refine services and increase system efficiency. (5303) | \$ 17,600 | Local |
| | | \$ 25,000 | Total |
| Div 7 | 17-08-107 - The City of Burlington is requesting funds to continue refining and examining the recommendations of the Transit Feasibility Study to continue support of a public transportation option for the Urban Area. Activities will also include coordinating with the Piedmont Authority for Regional Transportation in planning for park-n-ride locations and future transit services. (5303) | \$ 20,000 | Federal |
| | | \$ 2,500 | State |
| | | \$ 2,500 | Local |
| | | \$ 55,000 | Total |
| Div 7 | 17-08-113 - The City of High Point , operating as the High Point Urban Area, is seeking funds to collect transit data for route adjustment and to evaluate the Transit Element of the LRTP as well as update civil rights statistics for FTA reports. (5303) | \$ 44,000 | Federal |
| | | \$ 5,500 | State |
| | | \$ 5,500 | Local |
| | | \$ 138,000 | Total |
| Div 9 | 17-08-106 - The City of Winston-Salem , operating as the Winston-Salem/Forsyth County Urban Area, is requesting funds to conduct data collection and update GIS files for Transit. Activities will also include working on the 2035 Long Range Transportation Plan Update and special studies to inventory, plan, develop and evaluate bus stop locations for pedestrians. (5303) | \$ 110,400 | Federal |
| | | \$ 13,800 | State |
| | | \$ 13,800 | Local |
| | | \$ 556,000 | Total |
| Div 10 | 17-08-102 – The City of Charlotte , operating, operating as the Mecklenburg Union MPO, proposes to update the transit travel model and the transit system will continue to monitor and update the Transit Corridor System Plan to provide ridership forecasts and project financial data. (5303) | \$ 444,800 | Federal |
| | | \$ 55,600 | State |
| | | \$ 55,600 | Local |
| | | \$ 55,000 | Total |
| Div 10 | 17-08-108 - The City of Concord , operating as the Cabarrus/Rowan Urban Area MPO, will evaluate ridership data on the Rider Transit System, Rowan Express, East Rowan Express, Cabarrus Links, and Concord Express and evaluate the need for any potential expansion of transit services. (5303) | \$ 44,000 | Federal |
| | | \$ 5,500 | State |
| | | \$ 5,500 | Local |
| | | \$ 54,000 | Total |
| Div 12 | 17-08-112 - Western Piedmont Council of Governments (WPCOG), operating as the Greater Hickory MPO, will use the funds to provide assistance to the Western Piedmont Regional Transit Authority known as “Greenway Transit” in the evaluation of existing transit service and unmet needs, and the identification of additional potential markets. Assistance will be provided with mapping and updating transit routes and the implementation of the Western Piedmont Regional Transit Authority’s (WPRTA) Community Transit Service Plan. (5303) | \$ 43,200 | Federal |
| | | \$ 5,400 | State |
| | | \$ 5,400 | Local |

| | | | |
|---|--|--------------|---------|
| | | \$ 39,000 | Total |
| | 17-08-109 - The City of Gastonia , operating as the Gaston Urban Area MPO is requesting funding to collect operational data For Gastonia Transit System for efforts recommended in the Transit Services Plan, to monitor the Transit Element of the 2030 LRTP, and to work with Charlotte Area Transit to improve commuter services. (5303) | \$ 31,200 | Federal |
| Div 12 | | \$ 3,900 | State |
| | | \$ 3,900 | Local |
| | | \$ 75,000 | Total |
| | 17-08-100 - The City of Asheville , operating as the French Broad River MPO, proposes to conduct route performance and ridership analyses, provide demographic analyses to evaluate and forecast service delivery. Activities will also include implementation of the Transit Element of the Long Range Transportation Plan. (5303) | \$ 60,000 | Federal |
| Div 13 | | \$ 7,500 | State |
| | | \$ 7,500 | Local |
| Section 5304 - Statewide Planning | | | |
| | | \$ 561,160 | Total |
| | NC-80-0005-003 - Statewide metropolitan planning (Section 5304) program funds will be used to support the division's urban transit technical assistance activities; New Start and regional bus service planning assistance activities; Public Transportation Division-sponsored training workshops for managerial, technical and professional personnel; and the division's programmatic and financial administration of the MPO planning programs. | \$ 448,928 | Federal |
| Statewide | | \$ 112,232 | State |
| | | \$ - | Local |
| State Match - Capital (5307, 5309, 5310, CMAQ, STPDA, Local) | | | |
| | 16-90-X585 – Goldsboro Wayne Transportation Authority request for State Funds for the replacement of two buses. The period of performance is 7/1/2015 thru 8/1/2017. (5307) | \$ 242,323 | Total |
| Div 4 | | \$ 193,859 | Federal |
| | | \$ 24,232 | State |
| | | \$ 24,232 | Local |
| | | \$ 358,928 | Total |
| | 16-95-X085 – Piedmont Authority for Regional Transportation request for State funds for replacement of twelve vans for vanpool replacement. The period of performance is 10/1/2015 thru 9/20/2017. (CMAQ) | \$ 287,142 | Federal |
| Div 7 | | \$ 35,893 | State |
| | | \$ 35,893 | Local |
| | | \$ 1,990,857 | Total |
| | 16-95-X071 – City of Greensboro (Greensboro Transit Authority) request for State Funds for purchase of three hybrid replacement buses. The period of performance is 6/1/2014 thru 6/30/2016. (5307) | \$ 1,652,411 | Federal |
| Div 7 | | \$ 159,268 | State |
| | | \$ 179,178 | Local |
| | | \$ 1,861,631 | Total |
| | 16-90-X590 – Cape Fear Transit Authority request State Funds to purchase four CNG replacement buses. The period of performance is 3/6/2014 thru 3/1/2016 (5307) | \$ 1,489,305 | Federal |
| Div 3 | | \$ 186,163 | State |
| | | \$ 186,163 | Local |
| | | \$ 125,882 | Total |
| Div 3 | 16-16-X012 – Cape Fear Transit Authority request for State Funds to purchase one replacement LTV. The period | \$ 100,706 | Federal |

| | | | |
|--------|---|--------------|---------|
| | of performance is 10/1/2015 thru 9/30/2016. (5310) | \$ 12,588 | State |
| | | \$ 12,588 | Local |
| | | \$ 420,000 | Total |
| Div 6 | 16-90-X592 – City of Fayetteville (Fayetteville Area System Transit) request for State Funds to replace six paratransit vehicles. The period of performance is 7/1/2014 thru 10/31/2016. (5307) | \$ 348,600 | Federal |
| | | \$ 33,600 | State |
| | | \$ 37,800 | Local |
| | | \$ 117,400 | Total |
| Div 5 | 16-LF-XXX – The City of Raleigh (GoTriangle) request State Funds for purchase of four replacement vanpool vans. The period of performance is 1/1/2015 thru 9/30/2016. (Local) | \$ - | Federal |
| | | \$ 11,740 | State |
| | | \$ 105,660 | Local |
| | | \$ 115,825 | Total |
| Div 5 | 16-34-0005 – City of Raleigh (GoTriangle) request State Funds for purchase of four replacement vanpool vans. The period of performance is 7/1/15 thru 6/30/2017. (5339) | \$ 92,660 | Federal |
| | | \$ 11,582 | State |
| | | \$ 11,583 | Local |
| | | \$ 106,915 | Total |
| Div 5 | 16-34-0006 – City of Raleigh (GoTriangle) request State Funds for purchase of four replacement vanpool vans. The period of performance is 7/1/2013 to 6/30/2017. (5339) | \$ 85,532 | Federal |
| | | \$ 10,691 | State |
| | | \$ 10,692 | Local |
| | | \$ 683,404 | Total |
| Div 5 | 16-95-X074A – City of Durham (GoDurham) request for State Funds for purchase of fifteen replacement vans. The period of performance is 11/1/14 thru 8/31/2018. (STPDA) | \$ 546,723 | Federal |
| | | \$ 68,340 | State |
| | | \$ 68,341 | Local |
| | | \$ 2,164,602 | Total |
| Div 5 | 16-95-X074B – City of Durham (GoDurham) request for State Funds for purchase of five replacement buses. The period of performance is 11/1/14 thru 8/31/2018. (STPDA) | \$ 1,688,390 | Federal |
| | | \$ 216,460 | State |
| | | \$ 259,752 | Local |
| | | \$ 1,030,500 | Total |
| Div 5 | 16-95-X065 – City of Raleigh (GoRaleigh) request for State Funds for purchase of Three Replacement Buses. The period of performance is 7/1/15 thru 6/30/17 (5339) | \$ 824,400 | Federal |
| | | \$ 103,050 | State |
| | | \$ 103,050 | Local |
| | | \$ 62,000 | Total |
| Div 12 | 16-90-X591 – Western Piedmont Regional Transit Authority request for State Funds to purchase one replacement vehicle. The period of performance is 7/1/2015 thru 6/30/2016. (5307) | \$ 49,600 | Federal |
| | | \$ 6,200 | State |
| | | \$ 6,200 | Local |
| | | \$ 4,050,000 | Total |
| Div 9 | 16-95-X076 –City of Winston Salem (Winston Salem Transit Authority) request State Funds to five paratransit hybrid buses and five hybrid buses. The period of performance is 1/1/2015 thru 12/1/2016. (CMAQ) | \$ 3,442,500 | Federal |
| | | \$ 283,500 | State |
| | | \$ 324,000 | Local |

| | | | |
|--------|--|--------------|---------|
| | | \$ 1,270,000 | Total |
| Div 9 | 16-95-X077 – City of Winston Salem (Winston Salem Transit Authority) request for State Funds to purchase two hybrid buses. The period of performance is 1/1/2015 thru 12/1/2016. (CMAQ) | \$ 1,079,500 | Federal |
| | | \$ 88,900 | State |
| | | \$ 101,600 | Local |
| | | \$ 2,660,000 | Total |
| Div 10 | 16-95-X080 – City of Charlotte (Charlotte Area Transit System) request for State Funds to replace four hybrid buses. The period of performance is 6/17/2013 thru 8/30/2016. (5309) | \$ 2,128,000 | Federal |
| | | \$ 266,000 | State |
| | | \$ 266,000 | Local |
| | | \$ 4,234,469 | Total |
| Div 10 | 16-34-0004 – City of Charlotte (Charlotte Area Transit System) request for State Funds to replace nine buses. The period performance is 1/1/2013 thru 12/31/2017. (5339) | \$ 3,345,231 | Federal |
| | | \$ 423,446 | State |
| | | \$ 465,792 | Local |
| | | \$ 885,373 | Total |
| Div 10 | 16-54-0001 – City of Charlotte (Charlotte Area Transit System) request for State Funds to replace two buses. The period performance is 6/30/2014 thru 2/28/2016. (5337) | \$ 708,298 | Federal |
| | | \$ 88,537 | State |
| | | \$ 88,538 | Local |

5311 Community Transportation

| | | | |
|--------|---|----------|----------------|
| | | | Capital |
| Div 14 | 16-CT-060 Jackson County will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for baseline technology. This is a revision to add capital funds to the current grant. | \$ 6,977 | Total |
| | | \$ 5,581 | Federal |
| | | \$ 697 | State |
| | | \$ 699 | Local |

5316 JARC (Job Access Reverse Commute)

| | | | |
|--------|--|------------|------------------|
| | | | Operating |
| Div 3 | 16-JA-052 Cape Fear Public Transportation Authority (operating as WAVE) These funds will be used to amend a project that operates an express fixed-route serving Forden and Downtown Stations. This will provide more transit service for low income areas in New Hanover County and access for employment opportunities. Assistance is needed by individuals who may not qualify for Work First, and for express bus service for key routes to tie in with key destinations like park-n-ride lots. The period of performance for this amendment will be 18 months beginning January 1, 2016. | \$ 368,000 | Total |
| | | \$ 184,000 | Federal |
| | | \$ - | State |
| | | \$ 184,000 | Local |
| | | | Operating |
| Div 12 | 16-JA-007 AppalCART will use the funds to continue their route that includes the community college, student housing and businesses off NC Hwy 105. This route connects low income individuals, students, and others to retail and service businesses along the route, and the frequency of service | \$ 605,190 | Total |
| | | \$ 302,595 | Federal |
| | | \$ - | State |

necessary to accommodate full-time and part-time schedules for employees of these businesses. The route also connects students to educational and training options that lead to employment opportunities. Their FY15 grant expired June 30, 2015.

\$ 302,595 Local

5317 (New Freedom) Capital/Operating - FY16

| | | | |
|--------|--|-----------|------------------|
| | | | Operating |
| | | \$ 98,786 | Total |
| | 16-NF-021 Eastern Band Cherokee Indian (EBCI) Transit | \$ 49,393 | Federal |
| | Project will provide Mobility transportation services to the elderly, disabled and low income workers of the Qualla Boundary by safely transporting them to medical appointments, shopping and work. The capital project would include providing the Snowbird community with a much needed wheelchair lift van to better meet their needs and increased ridership. | \$ - | State |
| Div 14 | | \$ 49,393 | Local |
| | | | Capital |
| | | \$ 30,000 | Total |
| | | \$ 24,000 | Federal |
| | | \$ - | State |
| | | \$ 6,000 | Local |

State Safety Oversight Program - MAP-21

| | | | |
|-----------|---|------------|---------|
| | | \$ 421,693 | Total |
| | SSO FY15 Under MAP-21, 5329(e) - States may receive Federal funding, for a previously unfunded mandate, to develop and implement an enhanced State Safety Oversight (SSO) program. Eligible States have a rail fixed guideway public transportation system already in operation, or in engineering or construction, which is not subject to regulation by the Federal Railroad Administration (FRA). North Carolina was apportioned the following funds for FY15 \$337,354. These funds require a 20% state fund match, FY15 \$84,339. NCDOT will use the funding to implement the SSO initiative for Charlotte, which currently operates a 9.6 mile light rail system (Blue Line) and is constructing a 10 mile extension, set to open in 2017. | \$ 337,354 | Federal |
| Statewide | | \$ 84,339 | State |
| | | \$ - | Local |

5339 Small Urban - Capital

| | | | |
|----------|--|--------------|---------|
| | | \$ 1,300,000 | Total |
| Div 2 | 17-39-121U – Greenville Transit requests 5339 funds to purchase two hybrid replacement buses. | \$ 1,040,000 | Federal |
| | | \$ - | State |
| | | \$ 260,000 | Local |
| Div 2 | 17-39-029U – Craven Area Rural Transit System requests 5339 funds to purchase three replacement vehicles. | \$ 174,000 | Total |
| | | \$ 147,900 | Federal |
| | | \$ - | State |
| | | \$ 26,100 | Local |
| Div 4 | 17-39-115U – Tar River Transit requests 5339 funds to purchase two replacement vehicles. | \$ 1,100,000 | Total |
| | | \$ 935,000 | Federal |
| | | \$ - | State |
| | | \$ 165,000 | Local |
| Div 5, 7 | 17-39-118U – GoTriangle requests 5339 funds to purchase one replacement bus. | \$ 475,000 | Total |
| | | \$ 380,000 | Federal |

| | | | |
|----------------------------------|---|------------|---------|
| | | \$ - | State |
| | | \$ 95,000 | Local |
| | | \$ 500,000 | Total |
| Div 7, 9 | 17-39-120U – Piedmont Authority for Regional Transportation requests 5339 funds to purchase one replacement bus. | \$ 400,000 | Federal |
| | | \$ - | State |
| | | \$ 100,000 | Local |
| Development Grants | | | |
| Statewide | 16-DG-017A - an 18 month project for the continuation of technical assistance, training, technology implementation and support, business practice and performance assessments and planning services to all rural and urban public transportation systems in NC. ITRE is also responsible for collecting, analyzing and reporting vehicle utilization and operating statistics data. These operating statistics are reported to the National Transit Database. This task also includes continuation of the Intercity Bus (5311 (f)) FTA's planning and operational requirements. With PTD's new Innovation Office, this will be the first project for focus. The performance period will be from January 1, 2016 through June 30, 2017. | \$ 618,317 | Total |
| | | \$ 618,317 | Federal |
| | | \$ - | State |
| | | \$ - | Local |
| Statewide | 16-DG-017B - an 18 month project for the continuation of Transportation Demand Management technical assistance, as well as American's with Disabilities Act and Skillbuilding / Leadership trainings and technical assistance. The performance period will be from January 1, 2016 through June 30, 2017. (5311/CMAQ) | \$ 432,386 | Total |
| | | \$ 373,836 | Federal |
| | | \$ 58,550 | State |
| | | \$ - | Local |
| Urban Advanced Technology | | | |
| Div 3 | 17-AT-052 Cape Fear Public Transportation will use funds to purchase of 33 3/4 G modems for 33 fixed route vehicles. The 2G modems currently used will no longer be supported by the cell carrier effective January 2017; therefore, these units must be upgraded in order to continue to support an AVL network connection for each vehicle. This grant would cover the purchase of the capital and the hardware installation will be performed internally. | \$ 26,086 | Total |
| | | \$ - | Federal |
| | | \$ 23,477 | State |
| | | \$ 2,609 | Local |
| Div 5 | 17-AT-103 GoDurham will use funds to purchase a 10 camera system, system software and monitoring tools for 31 40' GoDurham buses to capture internal and external high resolution images. The goals are to improve the safety of the customers and operators as well as reduce incidents on the vehicles. | \$ 400,000 | Total |
| | | \$ - | Federal |
| | | \$ 360,000 | State |
| | | \$ 40,000 | Local |
| Div 5, 7 | 17-AT-118 GoTriangle will use funds for a continuation project to introduce a regional mobile application that | \$ 110,000 | Total |
| | | \$ - | Federal |

includes a chat feature for the call center. All Triangle transit systems (5 public and 2 universities) are included in this project. It will be built with the GoTransit regional brand to assist customers in understanding their regional mobility options.

\$ 99,000 State
 \$ 11,000 Local

Div 7 **17-AT-117 Town of Chapel Hill Transit** will install next generation 3G cellular Driver Control Units in its fleet of revenue Fixed Route vehicles. Likewise, CHT will update existing LED signs to 3G cellular modems. This will allow our customers to receive real-time, accurate scheduling information and arrival times. Without this upgrade, CHT will be unable to continue our AVL services that supports over 60% of our customers (7 million annual rides). CHT will also install covert alarm switches, which will allow CH operators to communicate emergencies with dispatch in real-time. Finally, CHT will install hardware that transmits real-time engine telemetry data to mechanic supervisors. This will allow CHT to address mechanical issues before they occur and improve service to customers by reducing in-service breakdowns.

\$ 223,551 Total
 \$ - Federal
 \$ 201,195 State
 \$ 22,356 Local

Div 10 **17-AT-102 City of Charlotte (CATS)** will use funds to assist in the purchasing of 522 P25 digital radios for buses, non-revenue vehicles and hand held radios for supervisors. This upgrade is mandated by the FCC to be complete by January 2017.

\$ 200,000 Total
 \$ - Federal
 \$ 180,000 State
 \$ 20,000 Local

ITEM I - 1 SUMMARY – 56 PROJECTS – TOTAL FEDERAL AND STATE \$ 28,484,441

ADDITIONS to the Transit 2016-2025 STIP

| STIP # | Transit Partner | DESCRIPTION | match | FUND | FY16 (000) | FY17 (000) | FY18 (000) | FY19 (000) | FY20 (000) | FY21 (000) | FY22 (000) |
|---------|--|--|-------|------|------------|------------|------------|------------|------------|------------|------------|
| TG-5262 | Goldsboro Wayne Transportation Authority | Security Cameras and related equipment for Transfer Center | FUZ | 5307 | 12 | | | | | | |
| | | | Local | L | 3 | | | | | | |
| | | | | | | | | | | | |

ITEM I-1A, 1 Project, Total Federal/State funds \$12,000

Approval - Rail Program

A motion was made by Board Member Fountain, seconded by Board Member Tulloss, to approve the following:

| Town/County Division | Project Description | Estimated Cost |
|------------------------------------|--|---------------------------|
| Division 6 Columbus County | The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement Funds for improving at-grade railroad crossing surfaces by installing a concrete surface and a rail seal surface to replace the existing crossing surfaces on R. J. Corman Railroad (RJCR). The crossings to be improved are 629 502D on NC410 (Brown Street) and 629 407H on NC 904 (5 th Street). RJCR will provide the necessary labor to install the materials; Division 6 will contribute traffic control and asphalt. The total cost for the Rail Division is estimated to be \$206,000. | \$206,000 |
| Division 6 Cumberland County | The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement Funds for improving at-grade railroad crossings by installing a concrete surface to replace the existing crossing surfaces on Aberdeen and Rockfish Railroad Company (AR). The crossings to be improved are 847191E on SR 1400 (Cliffdale Road) and 847 218L on SR 2311 (Gillespie Street). AR will provide the necessary labor to install the materials; Division 6 will contribute traffic control and asphalt. The total cost for the Rail Division is estimated to be \$190,000. | \$190,000 |
| Division 6 Robeson County | The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement Funds for improving at-grade railroad crossings by installing concrete surfaces to replace the existing crossing surfaces on Red Springs and Northern Railroad (RSNR). The crossings to be improved are 629 424Y on NC 71 and 629 415A on NC 20 (Main Street). RSNR will provide the necessary labor to install the materials; Division 6 will contribute traffic control and asphalt. The total cost for the Rail Division is estimated to be \$87,000. | \$87,000 |
| Division 6 Robeson County | The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement funds from Mountain Street (Crossing No. 716 260Y, MP Main 411.01) and Gold Street (Crossing No. 716 261F, MP 411.09) and supplement it with the closure of the at-grade Mill Street (Crossing No. 629 961X, MP A 252.64) in Rowland. Division 6 will be responsible for the design and construction of the project. CSXT will be responsible for the construction of the project within their operating right-of-way. TIP No. Y-4806G | \$10,000 |

| | | |
|--------------------------------------|--|-----------|
| Division 10 Mecklenburg County | The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement Funds for improving at-grade railroad crossing surfaces by installing a concrete surface to replace the existing crossing surfaces on Aberdeen, Carolina and Western Railroad (ACWR). The crossings to be improved are 726 808Y on SR 2805 (Harrisburg Road) and 726 809F on SR 2819 (Parkton Road). ACWR will provide the necessary labor to install the materials; Division 10 will contribute traffic control and asphalt. The total cost for the Rail Division is estimated to be \$88,000. | \$88,000 |
| Division 11 Surry County | The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement Funds for improving an at-grade railroad crossing by installing a concrete surface to replace the existing surface on Yadkin Valley Railroad (YVR). The crossing to be improved is 721 809N on SR 1003 (Siloam Road). YVR will provide the necessary labor to install the materials; Division 11 will contribute traffic control and asphalt. The total cost for the Rail Division is estimated to be \$80,000. | \$80,000 |
| Division 12 Iredell County | The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement Funds for improving at-grade railroad crossings by installing a concrete surface to replace the existing crossing surfaces on Alexander Railroad Company (ARC). The crossings to be improved are 865 737L on SR 1621 (Northside Drive) and 865 730N on SR 1543 (Monticello Road). ARC will provide the necessary labor to install the materials; Division 12 will contribute traffic control and asphalt. The total cost for the Rail Division is estimated to be \$80,000. | \$80,000 |
| Division 14 Jackson County | The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement Funds for improving at-grade railroad crossing surfaces by installing a concrete surface to replace existing crossing surfaces on Blue Ridge Southern Railroad (BLU). Crossings improved are: 720 244W on SR 1513 (Grindstaff Cove Road) and 720 247S on SR 1429 (Chipper Curve Road). BLU will provide the necessary labor to install the materials; Division 14 will contribute traffic control and asphalt. The total cost for the Rail Division is estimated to be \$168,000. | \$168,000 |

ITEM I-2 SUMMARY – 8 PROJECTS – (TOTAL FEDERAL AND STATE) \$909,000

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

A motion was made by Board Member Fountain, seconded by Board Member Tulloss to approve the following.

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|--|--|---------------------------|
| Hyde-Dare Cos. Div. 1 R-3116 DIVISION/ REGIONAL | WBS 34525.1.1 NC 12 from Ocracoke to South Terminal of Oregon Inlet Bridge. \$1,644,156.00 has previously been approved for preliminary engineering. Additional funds are requested using Regional Tier funding. | \$125,000.00 |
| Brunswick Co. Div. 3 R-3432 DIVISION | WBS 35501.2.1 SR 1163 (Old Georgetown Road Extension) from SR 1184 (Ocean Isle Beach Road) to NC 179. \$3,479,566.00 has previously been approved for right of way and utilities. Additional funds are requested. This is a Strategic Transportation Investments Transition project. | \$300,000.00 |
| 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. \$4,724,911.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. | \$815,000.00 |
| Mecklenburg Co. Div. 10 U-5526 STATEWIDE | WBS 50081.1.TF1 US 74 (Independence Boulevard) from I-277 to I-485. \$1,250,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. | \$135,000.00 |
| Wilkes Co. Div. 11 R-3405 DIVISION/ REGIONAL | WBS 35579.3.1 NC 18 from SR 1002 (Mountain View Road) to SR 1717 (Yellow Banks Road). \$8,579,397.00 has previously been approved for construction. Additional funds are requested using Regional Tier funding. This is a Strategic Transportation Investments Transition project. | \$1,500,000.00 |
| Catawba Co. Div. 12 R-3100A REGIONAL | WBS 34522.2.3 NC 16 from north of SR 1814 (Caldwell Road) to SR 1895 (Tower Road). \$193,323.00 has previously been approved for specific parcels. Additional funds are needed to cover expenditures that have exceeded the previously authorized | \$155,000.00 |

budget.

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| Henderson Co. Div. 14 R-5207A DIVISION | WBS 45393.3.2 SR 1006 (Howard Gap Road) from US 64 to Bridge No. 20. \$9,219,840.00 has previously been approved for construction. Additional funds are requested. This is a Strategic Transportation Investments Transition project. | \$306,600.00 |
| Henderson Co. Div. 14 R-5207B DIVISION | WBS 45393.3.3 SR 1006 (Howard Gap Road) from bridge 20 (B-3662) to SR 1539 (Jackson Road). \$11,221,352.00 has previously been approved for construction. Additional funds are requested. This is a Strategic Transportation Investments Transition project. | \$185,000.00 |
| Jackson Co. Div. 14 R-5206 DIVISION | WBS 42974.2.1 SR 1449 (Cope Creek Rd.) from SR 1710 (East Cope Creek Road) to US 23/74. \$1,365,000.00 has previously been approved for right of way and utilities. Additional funds are requested. This is a Strategic Transportation Investments Transition project. | \$125,000.00 |

ITEM J SUMMARY **9 PROJECTS** **\$3,646,600.00**

Approval - State Highway Trust Funds – Strategic Transportation Investments

A motion was made by Board Member Fountain seconded by Board Member Tulloss, to approve the following.

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|---|---------------------------|
| Craven Co. Div. 2 R-4463A REGIONAL | WBS 35601.1.R2 NC 43 Connector from US 17 to south of US 70. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are requested. | \$125,000.00 |
| Pitt Co. Div. 2 B-5612 REGIONAL | WBS 45567.1.1 Replace Bridge #24 over the Tar River on NC 222. Initial funds are requested for preliminary engineering. | \$100,000.00 |
| Wake Co. Div. 5 R-2635D STATEWIDE | WBS 35520.2.S6 NC 540 (Triangle Expressway) Interchange with SR 1153 (Holly Springs/Apex Road). Initial funds are requested for full right of way. This is a Strategic Transportation Investments Transition project. | \$3,950,000.00 |
| Wake Co. | WBS 35520.2.7 | \$650,000.00 |

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| Div. 5 R-2635D STATEWIDE | NC 540 (Triangle Expressway) Interchange with SR 1153 (Holly Springs/Apex Road). Initial funds are needed for utilities. This is a Strategic Transportation Investments Transition project. | |
| Robeson Co. Div. 6 R-5754 DIVISION | WBS 46414.2.1 NC 20 from NC 71 to I-95. Initial funds are requested for full right of way and utilities. | \$60,000.00 |
| Rowan Co. Div. 9 B-5769 DIVISION | WBS 45725.1.1 Replace Bridge #200 over Town Creek on SR 2539 (Peach Orchard Road). Initial funds are requested for preliminary engineering. | \$150,000.00 |
| Stokes Co. Div. 9 B-5784 DIVISION | WBS 45739.1.1 Replace Bridge #125 over North Double Creek on SR 1484 (Dan George Road). Initial funds are requested for preliminary engineering. | \$175,000.00 |
| Kannapolis/ Cabarrus Co. Div. 10 U-3440 REGIONAL | WBS 39010.1.R2 NC 3 from proposed West Side Bypass (Project U-2009) to SR 1691 (Loop Road). \$2,455,000.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a Strategic Transportation Investments Transition project. | \$300,000.00 |
| Cabarrus Co. Div. 10 U-4910A DIVISION | WBS 40373.2.D1 SR 1445 (Derita Road) from SR 2894 (Concord Mills Boulevard) to Aviation Boulevard. \$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. | \$210,000.00 |
| Mecklenburg Co. Div. 10 R-2555B DIVISION | WBS 34462.1.D4 SR 5544 from NC 73 (Sam Furr Road) to SR 2151 (Jetton Road). \$360,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. | \$120,000.00 |
| Yadkin Co. Div. 11 B-5825 REGIONAL | WBS 45778.1.1 Replace Bridge #35 over the Yadkin River on NC 67. Initial funds are requested for preliminary engineering. | \$100,000.00 |
| Alexander Co. Div. 12 U-5801 REGIONAL | WBS 44373.1.1 NC 16 at intersection of NC 16 and US 64. Initial funds are requested for preliminary engineering. | \$47,500.00 |
| Cleveland Co. Div. 12 R-5713 | WBS 50209.1.1 US 74 - From US 74 Business to NC 226. Initial funds are requested for preliminary engineering. | \$480,000.00 |

REGIONAL

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| Iredell Co. Div. 12 R-5711 REGIONAL | WBS 50207.1.1 US 21 at intersection of US 21 and SR 2375 (Houston Road)/SR 1312 (Flower House Road). Initial funds are requested for preliminary engineering. | \$375,000.00 |
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| Lincoln Co. Div. 12 R-5712 REGIONAL | WBS 50208.1.1 NC 16 Business at intersection of NC 16 Business and SR 1439 (Unity Church Road)/SR 1387 (Triangle Circle). Initial funds are requested for preliminary engineering. | \$232,500.00 |
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| Rutherfordton/ Rutherford Co. Div. 13 R-2233BB | WBS 34400.1.S5 US 221 South of US 74 Business to North of SR 1366 (Roper Loop Road). \$503,635.00 has previously been approved for preliminary engineering. Additional funds are requested using Division Tier funding. | \$350,000.00 |
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**STATEWIDE/
DIVISION**

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| Statewide M-0479 STATEWIDE | WBS 46314.1.S1 Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. | \$135,000.00 |
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| STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS | 3 PROJECTS | \$4,735,000.00 |
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| REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS | 8 PROJECTS | \$1,760,000.00 |
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| DIVISION STRATEGIC TRANSPORTATION INVESTMENTS | 6 PROJECTS | \$1,065,000.00 |
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| STRATEGIC TRANSPORTATION INVESTMENTS | 17 PROJECTS | \$7,560,000.00 |
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Approval - State Highway Trust Funds – Intrastate System

A motion was made by Board Member Fountain seconded by Board Member Tulloss, to approve the following.

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|---|--|---------------------------|
| Wayne Co. Div. 4 | WBS 34461.3.4 US 70 (Goldsboro Bypass) from west of NC 581 to SR 1300 | \$5,750,000.00 |

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| R-2554A STATEWIDE | (Salem Church Rd.), 5.894 miles. \$62,439,491.00 has previously been approved for construction. Additional funds are requested. This is a Strategic Transportation Investments Transition project. | |
| Cumberland Co. Div. 6 R-2303A STATEWIDE | WBS 34416.3.3 NC 24 from west of SR 1006 (Maxwell Road / Clinton Road) in Cumberland County to SR 1853 (John Nunnery Road), 6.807 miles. \$33,257,188.00 has previously been approved for construction. Additional funds are requested. This is a Strategic Transportation Investments Transition project. | \$5,200,000.00 |
| Guilford Co. Div. 7 R-2413A STATEWIDE | WBS 34429.2.2 Future I-73, from four lanes at SR 2011 (Edgefield Road) to SR 2127 (Brook Bank Road). \$29,561,453.00 has previously been approved for right of way and utilities. Additional funds are requested. This is a Strategic Transportation Investments Transition project. | \$1,750,000.00 |
| Rutherford Co. Div. 13 R-2233 STATEWIDE | WBS 34400.1.2 US 221 from the South Carolina state line to SR 1366 (Roper Loop Road). \$2,815,326.00 has previously been approved for preliminary engineering. Additional funds are requested. WBS will be closed. | \$194,000.00 |
| TRUST FUND INTRASTATE SUMMARY | 4 PROJECTS | \$12,894,000.00 |

Approval - State Highway Trust Funds – Urban Loops

A motion was made by Board Member Fountain seconded by Board Member Tulloss, to approve the following.

| Town/ County Division PROJ. CATEGORY | Project Description | Estimated Cost |
|--|--|---------------------------|
| Fayetteville/ Cumberland Co. Div. 6 U-2519CB STATEWIDE | WBS 34817.2.8 Fayetteville Outer Loop from south of SR 1400 (Cliffdale Road) to east of SR 1415 (Clearwater Road). \$25,800,708.00 has previously been approved for right of way and utilities. Additional funds are requested. This is a Strategic Transportation Investments Transition project. | \$5,208,188.00 |
| Greensboro/ Guilford Co. Div. 7 U-2524D | WBS 34820.2.14 Greensboro Western Loop from US 220 (Battleground Avenue) to SR 2303 (Lawndale Drive). \$4,308,703.00 has previously been approved for right of way and utilities. Additional funds are | \$1,054,422.61 |

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| STATEWIDE | needed to cover expenditures that have exceeded the previously authorized budget. WBS will be closed. | |
| Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE | WBS 34821.1.5 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. | \$150,000.00 |
| Winston- Salem/ Forsyth Co. Div. 9 U-2579 STATEWIDE | WBS 34839.1.1 The Winston-Salem Northern Beltway (Eastern Section) from US 52 to US 311. \$17,923,564.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. | \$495,000.00 |
| TRUST FUND URBAN LOOP | 4 PROJECTS | \$6,907,610.61 |
| STRATEGIC TRANSPORTATION INVESTMENTS | 17 PROJECTS | \$7,560,000.00 |
| TRUST FUND INTRASTATE SUMMARY | 4 PROJECTS | \$12,894,000.00 |
| TRUST FUND URBAN LOOP | 4 PROJECTS | \$6,907,610.61 |
| SUMMARY OF FUNDS | 25 PROJECTS | \$27,361,610.61 |

Approval - Funds for Specific Federal–Aid Projects

A motion was made by Board Member Fountain seconded by Board Member Tulloss, to approve the following.

**Division 1
Enhancement**

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|--|--|
| Divisionwide R-9999A DIVISION | 34634.2.1, STP-000S(641) Division 1 - Environmental Mitigation and Minimization. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for FY 2016 allocation. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

Bridge

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|--------------------|---|---------------------------------------|
| Dare Co. B-5610 | 45565.1.1, NHP-0012(016) Replace Bridge #8 over a canal on NC 12. Funds are needed | \$100,000.00 Cost \$80,000.00 Fed. |
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| REGIONAL | for preliminary engineering. | \$20,000.00 State |
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**Division 2
Enhancement**

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|--|--|
| Divisionwide R-9999B DIVISION | 34634.2.2, STP-000S(642) Division 2 - Environmental Mitigation and Minimization. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for the FY 2016 allocation. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

Bridge

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|------------------------------------|---|--|
| Beaufort Co. B-5614 DIVISION | 45569.1.1, BRZ-1112(017) Replace Bridge #9 over Blounts Creek on SR 1112. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
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Safety

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| Pitt Co. W-5601BF REGIONAL | 50138.3.59, HSIP-264A(001) SR 1707 (Charles Boulevard) at SR 1703 (14th Street); US 264A / NC 43 (Greenville Boulevard) at Red Banks Road, US 264A / NC 43 (Greenville Boulevard) at Greenville Mall; and US 264A (Greenville Boulevard) at Elm Street. Funds are needed for construction to install signals. | \$200,000.00 Cost \$180,000.00 Fed. \$20,000.00 State |
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**Division 3
Urban**

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|--|--|--|
| Wilmington/ New Hanover Co. U-5534C DIVISION | 44096.1.F4, STPDA-0332(045) Greenville Avenue from Hinton Avenue to SR 1411 (Wrightsville Avenue). \$30,258.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. | \$2,000.00 Cost \$1,600.00 Fed. \$400.00 Local |

Bridge

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|-------------------------------------|---|--|
| Brunswick Co. B-4439 DIVISION | 38366.1.2, BRZ-1342(005) Replace Bridge #100 over a Branch of Juniper Creek on SR 1342. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Brunswick Co. B-5629 DIVISION | 45584.1.1, BRZ-1515(011) Replace Bridge #40 over Mills Creek on SR 1515. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

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| Brunswick Co. B-5634 DIVISION | 45589.1.1, BRZ-1140(016) Replace Bridge #55 over a Branch of Little Shallotte River on SR 1140. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Brunswick Co. B-5638 DIVISION | 45593.1.1, BRZ-1112(018) Replace Bridge #22 over Mercers Mill Pond on SR 1112. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Brunswick Co. B-5640 DIVISION | 45595.1.1, BRZ-1504(011) Replace Bridge #123 over a Branch of Lockwood Folly River on SR 1504. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Duplin Co. B-5625 DIVISION | 45580.1.1, BRZ-1301(009) Replace Bridge #230 over Grove Swamp on SR 1301. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Duplin Co. B-5630 DIVISION | 45585.1.1, BRZ-1102(014) Replace Bridge #25 over Island Creek on SR 1102. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Duplin Co. B-5635 DIVISION | 45590.1.1, BRZ-1307(006) Replace Bridge #107 over Nahunga Swamp on SR 1307. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Duplin Co. B-5641 DIVISION | 45596.1.1, BRZ-1946(001) Replace Bridge #201 over Island Creek on SR 1946. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Onslow Co. B-5309 DIVISION | 46023.1.1, BRZ-1333(009) Replace Bridge #10 over White Oak River on SR 1333. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Onslow Co. B-5636 DIVISION | 45591.1.1, BRZ-1109(013) Replace Bridge #71 over Harris Creek on SR 1109. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Onslow Co. B-5650 STATEWIDE | 45605.1.1, NHP-0024(073) Replace Bridge #7 over Northeast Creek on NC 24. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Pender Co. B-5643 DIVISION | 45598.1.1, BRZ-1336(008) Replace Bridge #79 over Long Creek on SR 1336. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Pender Co. B-5645 DIVISION | 45600.1.1, BRZ-1306(029) Replace Bridge #68 over Sill's Creek on SR 1306. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Sampson Co. B-4814 DIVISION | 38584.2.1, BRZ-1233(006) Replace Bridges #102, #103 & #104 over Little Coharie Creek on SR 1233. Funds are needed for full right of way and utilities. | \$233,000.00 \$186,400.00 \$46,600.00 | Cost Fed. State |
| Sampson Co. | 45576.1.1, BRZ-1904(001) | \$100,000.00 | Cost |

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|-----------------------------------|--|--|
| B-5621 DIVISION | Replace Bridge #248 over Six Runs Creek on SR 1904. Funds are needed for preliminary engineering. | \$80,000.00 Fed. \$20,000.00 State |
| Sampson Co. B-5623 DIVISION | 45578.1.1, BRZ-1214(008) Replace Bridge #85 over Great Coharie Overflow on SR 1214. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Sampson Co. B-5628 DIVISION | 45583.1.1, BRZ-1005(038) Replace Bridge #164 over a Branch of Mingo Swamp on SR 1005. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Sampson Co. B-5631 DIVISION | 45586.1.1, BRZ-1620(004) Replace Bridge #169 over Jernigan's Mill Race on SR 1620. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Sampson Co. B-5633 DIVISION | 45588.1.1, BRZ-1746(002) Replace Bridge #194 over Great Coharie Creek on SR 1746. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

Safety

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| Brunswick Co. W-5203Y DIVISION | 45333.1.FD25, HSIP-1115(020) SR 1115 (Stone Chimney Road / Old Ferry Connection Road) from NC 211 to dead end. \$240,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. | \$131,000.00 Cost \$117,900.00 Fed. \$13,100.00 State |
| New Hanover Co. W-5203J DIVISION | 45333.3.FD10, HSIP-1100(032) SR 1100 (now SR 1576) (River Road) at SR 1187 (Sanders Road). Funds are needed for construction for safety improvements. | \$900,000.00 Cost \$810,000.00 Fed. \$90,000.00 State |

Division 4 Safety

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|-----------------------------------|--|---|
| Wilson Co. W-5204F DIVISION | 45334.3.6, HSIP-0301(033) US 301 at SR 1340 (Stagecoach Road) and SR 1340 at SR 1368 / SR 1333 (Elm City Road) (Cobbs Intersection). Funds are needed for construction to realign intersection. | \$335,000.00 Cost \$301,500.00 Fed. \$33,500.00 State |

Division 5 National Highway

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|----------------------------------|--|---|
| Wake Co. U-2823 DIVISION | 38984.1.1, NHF-0070(082) US 70 (Glenwood Avenue) from west of Triangle Drive to I-540 in Raleigh. \$1,250,000.00 has previously been approved for | \$240,000.00 Cost \$192,000.00 Fed. \$48,000.00 State |

preliminary engineering. Additional funds are needed based on the latest estimate.

Bridge

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| Durham Co. B-5674 REGIONAL | 45629.1.1, NHP-0015(050) Repalce Bridge #80 over SR 1308 on US 15-501 northbound. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Wake Co. B-5684 REGIONAL | 45639.1.1, NHP-0401(272) Replace Bridge #146 over Crabtree Creek on US 401. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Franklin Co. W-5601AW REGIONAL | 50138.3.50, HSIP-0401(270) US 401 at SR 1110 (E.F Cottrell Road). Funds are needed for construction for safety improvements. | \$43,440.00 Cost \$39,096.00 Fed. \$4,344.00 State |
| Wake Co. SS-4905CN DIVISION | 44320.1.FD1, HSIP-2036(003) SR 2036 (New Hope Road) north of SR 2215 (Buffaloe Road). \$2,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. | \$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State |
| Wake Co. W-5601AB REGIONAL | 50138.1.FR29, HSIP-0096(019) NC 96 at NC 98. \$75,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. | \$140,000.00 Cost \$126,000.00 Fed. \$14,000.00 State |
| Wake Co. W-5601BC REGIONAL | 50138.1.56, HSIP-0042(062) NC 42 at SR 2736 (Rock Service Station Road). \$75,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. | \$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State |
| Wake Co. W-5601O REGIONAL | 50138.3.FR16, HSIP-0055(058) NC 55 Bypass at SR 1115 (Avent Ferry Road). Funds are needed for construction for intersection improvements. | \$425,000.00 Cost \$382,500.00 Fed. \$42,500.00 State |

Bicycle and Pedestrian

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| Wake Co. U-5530GB DIVISION | 44111.1.11, STPDA-0520(054) Sidewalk along approximately 0.5 miles of Bridge Street crossing over the Norfolk Southern Railway in Fuquay-Varina. Funds are needed for preliminary engineering. | \$105,000.00 Cost \$84,000.00 Fed. \$21,000.00 Local |
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Division 6 Enhancement

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
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| Divisionwide R-9999F | 34634.2.6, STP-000S(646) Division 6 - Environmental Mitigation and Minimization. | \$100,000.00 Cost \$80,000.00 Fed. |

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| DIVISION | \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for FY 2016 allocation. | \$20,000.00 State |
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Bridge

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| Cumberland Co. B-5708 STATEWIDE | 45662.1.1, NHP-0024(074) Replace Bridge #144 over South River on NC 24. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
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Safety

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|--------------------------------------|---|--|
| Columbus Co. W-5601AT REGIONAL | 50138.2.47, HSIP-0701(031) US 701 from approximately 400 feet south to approximately 600 feet north of SR 1005 (Peacock Road). Funds are needed for full right of way and utilities. | \$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State |
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| Cumberland Co. W-5206AM STATEWIDE | 45336.3.39, HSIP-0024(067) NC 24 / NC 87 from Barrington Cross Street to East of Martin Luther King Westbound Ramps and NC 24 / NC 210 (Rowan Street) between Ray Avenue and Ramsey Street, 2.065 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015. | \$3,045,000.00 Cost \$2,740,500.00 Fed. \$304,500.00 State |
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| Cumberland Co. W-5519 REGIONAL | 45849.3.FR1, HSIP-095-2(128)46 I-95 Bus / US 301 from NC 87 south to NC 59, 3.671 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015. | \$4,600,000.00 Cost \$4,140,000.00 Fed. \$460,000.00 State |
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**Division 7
Interstate**

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|--|
| Guilford Co. I-5736 STATEWIDE | 52018.3.1, NHPP-0074(174) I-74 / US 311 from I-40 in Forsyth County to SR 1300 (Green Road) in High Point, 7.100 miles. (Combined with I-5767 - I-74 / US 311 0.7 miles east of I-40 to the Guilford County Line, 8.900 miles). Funds are needed for construction for pavement rehabilitation. | \$20,600,000.00 Cost \$16,480,000.00 Fed. \$4,120,000.00 State |
| Guilford Co. I-5812 STATEWIDE | 50455.1.1, NHPP-0040(024) I-40 from 1 mile east of SR 3029 (Youngs Mill Road) to 0.2 mile east of SR 3045 (Mount Hope Church Road) in Greensboro. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

Urban

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| Greensboro/ Guilford Co. U-5306C REGIONAL | 47026.3.FR4, STP-0220(062) US 220 (Battleground Avenue) intersection with New Garden Road. Funds are needed for construction for intersection improvements and sidewalks. This is a Strategic | \$998,900.00 Cost \$799,120.00 Fed. \$199,780.00 State |
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Transportation Investments Transition project.

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| Greensboro/ Guilford Co. U-5532B DIVISION | 46297.3.F3, TAP-0708(071) Phillips Avenue between Summit Avenue and Huffine Mill Road. Funds are needed for construction of sidewalks. | \$350,000.00 Cost \$280,000.00 Fed. \$70,000.00 Local |
| Guilford Co. B-4956 DIVISION | 40147.1.1, BRZ-1105(025) Replace Bridge #25 over Pole Cat Creek on SR 1105. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Guilford Co. B-5713 DIVISION | 45669.1.1, NHP-0040(022) Replace Bridge #352 over I-40 / I-85 Business on Willow Road in Greensboro. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Guilford Co. B-5718 DIVISION | 45674.1.1, NHP-0040(021) Replace Bridge #329 over I-40 / I-85 Business / US 29 / US 70 / US 220 on Patton Avenue in Greensboro. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Rockingham Co. B-5721 DIVISION | 45677.1.1, BRZ-2177(001) Replace Bridge #124 over the Mayo River on SR 2177(Dan Valley Road). Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Rockingham Co. B-5722 DIVISION | 45678.1.1, BRZ-1169(003) Replace Bridge #277 over Beaver Creek on SR 1169. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

Safety

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|-------------------------------------|---|--|
| Orange Co. W-5601DJ STATEWIDE | 50138.1.115, HSIP-0040(024) I-40 at various locations in Orange County. Funds are needed for preliminary engineering. | \$8,000.00 Cost \$7,200.00 Fed. \$800.00 State |
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**Division 8
Interstate**

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|--|---|
| Randolph Co. I-5737 STATEWIDE | 52019.3.1, NHPP-0073(041) I-73 from 1.3 miles north of SR 1504 (Spero Road) to US 311. Funds are needed for construction for interstate maintenance. | \$90,000.00 Cost \$72,000.00 Fed. \$18,000.00 State |

Enhancement

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| Moore Co. ER-5600HB DIVISION | 46305.3.16, STP-0015(051) Intersection of US 1 at US 15-501 / NC 211. Funds are needed for construction for landscaping. | \$30,000.00 Cost \$24,000.00 Fed. \$6,000.00 State |
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| Moore Co. | 34923.3.2, STPNHF-0001(145) | \$86,585.00 | Cost |
| U-3324(L) | SR 1309 (Morganton Road) and US 1 (Sandhills Boulevard). | \$69,268.00 | Fed. |
| STATEWIDE | Funds are needed for construction for landscaping. | \$17,317.00 | State |

Bridge

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|-------------|--|--------------|-------|
| Chatham Co. | 45694.1.1, BRZ-1953(002) | \$100,000.00 | Cost |
| B-5738 | Replace Bridge #147 over Rocky River on SR 1953. Funds are | \$80,000.00 | Fed. |
| DIVISION | needed for preliminary engineering. | \$20,000.00 | State |

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|----------------|--|--------------|-------|
| Montgomery Co. | 45699.1.1, BRZ-1541(006) | \$100,000.00 | Cost |
| B-5743 | Replace Bridge #58 over Thickety Creek on SR 1541. Funds | \$80,000.00 | Fed. |
| DIVISION | are needed for preliminary engineering. | \$20,000.00 | State |

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|--------------|---|--------------|-------|
| Randolph Co. | 45696.1.1, BRZ-3255(001) | \$100,000.00 | Cost |
| B-5740 | Replace Bridge #38 over Cedar Creek on SR 3255. Funds are | \$80,000.00 | Fed. |
| DIVISION | needed for preliminary engineering. | \$20,000.00 | State |

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|--------------|---|--------------|-------|
| Randolph Co. | 45698.1.1, BRZ-1174(002) | \$100,000.00 | Cost |
| B-5742 | Replace Bridge #324 over Uwharrie River on SR 1174. Funds | \$80,000.00 | Fed. |
| DIVISION | are needed for preliminary engineering. | \$20,000.00 | State |

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|--------------|---|--------------|-------|
| Randolph Co. | 45709.1.1, BRZ-1115(024) | \$100,000.00 | Cost |
| B-5753 | Replace Bridge #373 over an Unnamed Creek on SR 1115. | \$80,000.00 | Fed. |
| DIVISION | Funds are needed for preliminary engineering. | \$20,000.00 | State |

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|--------------|---|--------------|-------|
| Randolph Co. | 50138.3.FS37, HSIP-0731(006) | \$133,000.00 | Cost |
| W-5601AJ | I-73 / I-74 / US 220 from south of SR 2269 to south of SR 1712 | \$119,700.00 | Fed. |
| STATEWIDE | (Pineview Street). Funds are needed for construction for safety improvements. | \$13,300.00 | State |

**Division 9
Interstate**

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost | |
|---|---|---|-----------------------|
| Davidson Co. I-5793 STATEWIDE | 53032.1.1, NHPP-0085(017) I-85 from SR 2025 (Squire Bowers Road) to 0.3 mile north of NC 109 in Thomasville. Funds are needed for preliminary engineering. | \$75,000.00 \$60,000.00 \$15,000.00 | Cost Fed. State |
| Davie Co. I-5765 STATEWIDE | 53008.1.1, NHPP-0040(028) I-40 from 0.5 miles west of US 601 to 1.2 miles east of SR 1410 (Farmington Road). Funds are needed for preliminary engineering. | \$75,000.00 \$60,000.00 \$15,000.00 | Cost Fed. State |
| Davie Co. I-5794 STATEWIDE | 53033.1.1, NHPP-0040(031) I-40 from 2 miles east of SR 1442 (Redland Road) to 1.4 miles east of NC 801. Funds are needed for preliminary engineering. | \$75,000.00 \$60,000.00 \$15,000.00 | Cost Fed. State |
| Davie Co. | 50466.1.1, NHPP-0040(033) | \$75,000.00 | Cost |

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|------------------------------------|--|---|
| I-5823 STATEWIDE | I-40 from 1 mile east of SR 1143 (Davie Academy Road) to 0.7 mile east of US 601. Funds are needed for preliminary engineering. | \$60,000.00 Fed. \$15,000.00 State |
| Forsyth Co. I-5766 STATEWIDE | 53009.1.1, NHPP-0040(029) I-40 from 1.3 miles east of NC 150 (Peters Creek Parkway) to NC 109 (Thomasville Road) in Winston-Salem. Funds are needed for preliminary engineering. | \$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State |
| Forsyth Co. I-5795 STATEWIDE | 43034.1.1, NHPP-0040(032) I-40 from 1.8 miles east of SR 1003 (High Point Road) to 0.4 mile east of SR 2632 (Old Salem Road) in Winston-Salem and Kernersville. Funds are needed for preliminary engineering. | \$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State |
| Forsyth Co. I-5857 STATEWIDE | 53060.1.1, NHPP-0040(030) I-40 from 0.3 mile east of SR 3153 (Hanes Mall Boulevard) to 1.8 miles east of SR 1003 (High Point Road). Funds are needed for preliminary engineering. | \$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State |
| Rowan Co. I-5824 STATEWIDE | 50467.1.1, NHPP-0085(018) I-85 / US 601 from 0.5 mile north of SR 1505 (Mount Hope Road) to 1.3 miles north of SR 2539(Peach Orchard Road). Funds are needed for preliminary engineering. | \$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State |
| Rowan Co. I-5858 STATEWIDE | 53061.1.1, NHPP-0085(019) I-85 from 1.3 miles north of SR 2539 (Peach Orchard Road) to 0.8 mile north of SR 2528 (Julian Road) in Salisbury. Funds are needed for preliminary engineering. | \$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State |
| Rowan Co. I-5859 STATEWIDE | 53062.1.1, NHPP-0085(020) I-85 from 0.5 mile south of US 52 to SR 1002 (Bringle Ferry Road) in Salisbury. Funds are needed for preliminary engineering. | \$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State |

Urban

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| Forsyth Co. U-2800(L) DIVISION | 34858.3.4, STP-2601(005) SR 2601 (Macy Grove Road) from south of SR 4319 (Industrial Park Drive) to north of SR 1005 (East Mountain Road). Funds are needed for construction for landscaping. This is a Strategic Transportation Investments Transition project. | \$325,560.00 Cost \$260,448.00 Fed. \$65,112.00 State |
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Bridge

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| Davidson Co. B-5779 REGIONAL | 45735.1.1, NHP-3346(002) Replace Bridge #118 over SR 3346 on US 29 Northbound / US 64 Eastbound / US 70 Eastbound. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Davidson Co. B-5783 REGIONAL | 45738.1.1, NHP-0029(063) Replace Bridge #164 and Bridge #168 over the Norfolk Southern Railway Tracks on US 29 / US 70 / I-85 Business. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

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| Forsyth Co. B-4509 DIVISION | 38397.1.2, BRZ-2377(003) Replace Bridge #210 over Lowery Mill Creek on SR 2377. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Forsyth Co. U-2827B REGIONAL | 34872.1.1, NHF-0421(005) Replace Bridges #178, #278, #286, #288, #291, #293, #305, #312, #313, #336. US 158 / US 421 / NC 150 / I-40 Business, west of Fourth Street to east of Church Street. \$13,059,254.46 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. | \$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State |
| Rowan Co. B-5772 DIVISION | 45728.1.1, BRZ-1724(002) Replace Bridge #66 over the Norfolk Southern Railway Tracks on SR 1724. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Stokes Co. B-5766 DIVISION | 45722.1.1, BRZ-1674(007) Replace Bridge #82 over Dan River on SR 1674. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

Rail Program

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|--------------------------------------|--|--|
| Davidson Co. Z-5400IE DIVISION | 43600.1.64, RR-1714(006) Railway-Highway Grade Crossing Safety Project at SR 1714 (E. Eller Drive) Winston-Salem Southbound Railway; Crossing #836 98F. Funds are needed for preliminary engineering. | \$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State |
| Davidson Co. Z-5400IF DIVISION | 43600.1.65, RR-2287(001) Railway-Highway Grade Crossing Safety Project at SR 2287 (Wafford Road) at Winston-Salem Southbound Railway; Crossing #849 843D near Southmont. Funds are needed for preliminary engineering. | \$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State |

Division 10 Congestion Mitigation

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|--|---|---|
| Mecklenburg Co. C-5621 EXEMPT | 50146.1.F1, CMS-0021(020) Intersection of US 21 and SR 2697 (Catawba Avenue). Funds are needed for preliminary engineering. | \$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 Local |

Bridge

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|---------------------------------|---|--|
| Anson Co. B-5795 DIVISION | 45749.1.1, BRZ-1654(003) Replace Bridge #217 over Lanes Creek on SR 1654. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Cabarrus Co. B-5375 | 46090.1.1, BRZ-1132(010) Replace Bridge #137 over Dutch Buffalo Creek on SR 1132. | \$100,000.00 Cost \$80,000.00 Fed. |

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| DIVISION | Funds are needed for preliminary engineering. | \$20,000.00 | State |
| Cabarrus Co. B-5808 REGIONAL | 45762.1.1, NHP-0029(062) Replace Bridges #57 and #59 over Irish Buffalo Creek on US 29 / US 601. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Mecklenburg Co. B-5814 DIVISION | 45768.1.1, BRZ-2442(002) Replace Bridge #90 over the South Prong of Clarks Creek on SR 2442. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Union Co. B-5791 DIVISION | 45745.1.1, BRZ-1301(010) Replace Bridge #224 over Twelve Mile Creek on SR 1301. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |

Safety

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|------------------------------------|---|--|-----------------------|
| Union Co. W-5601DK STATEWIDE | 50138.1.116, HSIP-1315(017) SR 1315 (New Town Road) intersecting with SR 2948 (Marvin School Road) and SR 1307 (Waxhaw Marvin Road) in Marvin. Funds are needed for preliminary engineering. | \$100,000.00 \$90,000.00 \$10,000.00 | Cost Fed. State |
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Rail Program

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|---|---|--|-----------------------|
| Mecklenburg Co. Z-5400JJ STATEWIDE | 43600.1.68, RR-1022(003) Railway-Highway Grade Crossing Safety Project at Industrial Drive at Norfolk Southern Railway Tracks; Crossing #716 092V in Pineville. Funds are needed for preliminary engineering. | \$20,000.00 \$18,000.00 \$2,000.00 | Cost Fed. State |
| Mecklenburg Co. Z-5400JL STATEWIDE | 43600.1.67, RR-1003(144) Railway-Highway Grade Crossing Safety Project at Brookford Street at Norfolk Southern Railway Tracks; Crossing #716 073R in Charlotte. Funds are needed for preliminary engineering. | \$20,000.00 \$18,000.00 \$2,000.00 | Cost Fed. State |
| Mecklenburg Co. Z-5400JM STATEWIDE | 43600.1.66, RR-1003(145) Railway-Highway Grade Crossing Safety Project Texland Boulevard at Norfolk Southern Railway Tracks; Crossing #716 085K in Charlotte. Funds are needed for preliminary engineering. | \$20,000.00 \$18,000.00 \$2,000.00 | Cost Fed. State |

Division 11 Enhancement

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost | |
|-------------------------------------|--|--|-----------------------|
| Divisionwide R-9999K DIVISION | 34634.2.11, STP-000S(651) Division 11 - Environmental Mitigation and Minimization. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for FY 2016 allocation. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |

Bridge

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| Ashe Co. B-5823 DIVISION | 45776.1.1, BRZ-1181(005) Replace Bridge #355 over the south fork of New River on SR 1181. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Ashe Co. B-5830 DIVISION | 45783.1.1, BRZ-1181(006) Replace Bridge #177 over Beaver Creek on SR 1181. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Avery Co. B-5835 DIVISION | 45788.1.1, BRZ-1306(030) Replace Bridge #125 over Elk River on SR 1306. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Surry Co. B-5831 STATEWIDE | 45784.1.1, NHP-0077(006) Replace Bridge #6 over NC 268, Southern Railroad Tracks, and the Yadkin River on I-77. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Surry Co. B-5832 DIVISION | 45785.1.1, BRZ-2080(003) Replace Bridge #152 over Ararat River on SR 2080. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Surry Co. B-5837 DIVISION | 45790.1.1, BRZ-2017(003) Replace Bridge #129 over Flat Shoal Creek on SR 2017. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Watauga Co. B-4670 DIVISION | 38463.1.2, BRZ-1130(015) Replace Bridge #200 over a creek on SR 1130. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Wilkes Co. B-5828 DIVISION | 45781.1.1, BRZ-1355(002) Replace Bridge #340 over South Fork Reddies River on SR 1355. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Wilkes Co. B-5834 DIVISION | 45787.1.1, BRZ-1753(005) Replace Bridge #235 over a creek on SR 1753. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Wilkes Co. B-5842 DIVISION | 45795.1.1, BRZ-1363(007) Replace Bridge #110 over the North Prong of Lewis Fork Creek on SR 1363. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Yadkin Co. B-5833 REGIONAL | 45786.1.1, NHP-0021(023) Replace Bridge #29 over I-77 on US 21 Business. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

Division 12 Enhancement

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
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|--------------|---|--------------|-------|
| Divisionwide | 34634.2.12, STP-000S(652) | \$200,000.00 | Cost |
| R-9999L | Division 12 - Environmental Mitigation and Minimization. | \$160,000.00 | Fed. |
| DIVISION | \$400,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for FY 2016 allocation. | \$40,000.00 | State |

Bridge

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|-------------|---|--------------|-------|
| Catawba Co. | 45800.1.1, NHP-0040(023) | \$100,000.00 | Cost |
| B-5847 | Replace Bridge #173 over I-40 on SR 1709. Funds are | \$80,000.00 | Fed. |
| DIVISION | needed for preliminary engineering. | \$20,000.00 | State |

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|-------------|--|----------------|-------|
| Catawba Co. | 50070.3.4, BRNHP-04-2(169)123 | \$2,050,000.00 | Cost |
| BP-5500D | I-40 over US 321, Bridges #77, #78, #104, #106; US 70, | \$1,640,000.00 | Fed. |
| STATEWIDE | Bridges #143 and #144; SR 1484, Bridges #171 and #172. Funds are needed for construction for bridge preservation. | \$410,000.00 | State |

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|-------------|---|----------------|-------|
| Catawba Co. | 50070.3.5, BRNHP-040-2(170)131 | \$2,420,000.00 | Cost |
| BP-5500E | SR 1124, Bridge #32; SR 2959, Bridge #68; SR 1213, Bridge | \$1,936,000.00 | Fed. |
| STATEWIDE | #123; SR 1462, Bridge #149; SR 1007, Bridge #161; SR 1468, Bridge #165; SR 1476, Bridge #168; SR 1007, Bridge #170 all over I-40. Funds are needed for construction for bridge preservation. | \$484,000.00 | State |

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| Cleveland Co. | 45801.1.1, BRZ-2226(003) | \$100,000.00 | Cost |
| B-5848 | Replace Bridge #72 over Buffalo Creek on SR 2226. Funds | \$80,000.00 | Fed. |
| DIVISION | are needed for preliminary engineering. | \$20,000.00 | State |

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|-------------|---|--------------|-------|
| Iredell Co. | 45796.1.1, BRZ-2402(002) | \$100,000.00 | Cost |
| B-5843 | Replace Bridge #20 over a creek on SR 2402. Funds are | \$80,000.00 | Fed. |
| DIVISION | needed for preliminary engineering. | \$20,000.00 | State |

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|-------------|---|--------------|-------|
| Iredell Co. | 45799.1.1, BRZ-1892(002) | \$100,000.00 | Cost |
| B-5846 | Replace Bridge #189 over South Yadkin River on SR 1892. | \$80,000.00 | Fed. |
| DIVISION | Funds are needed for preliminary engineering. | \$20,000.00 | State |

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|-------------|--|--------------|-------|
| Iredell Co. | 45812.1.1, BRZ-1930(002) | \$100,000.00 | Cost |
| B-5859 | Replace Bridge #179 over a creek on SR 1930. Funds are | \$80,000.00 | Fed. |
| DIVISION | needed for preliminary engineering. | \$20,000.00 | State |

**Division 13
Interstate**

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost | |
|---|--------------------------------|---------------------------|------|
| Buncombe | 52028.1.1, NHPP-0040(025) | \$90,000.00 | Cost |

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|-------------------------------------|--|---|
| Co. I-5750 STATEWIDE | I-40 from 0.2 mile east of US 25 (Hendersonville Road) to 0.2 mile east of SR 3075 (Onteora Boulevard). Funds are needed for preliminary engineering. | \$72,000.00 Fed. \$18,000.00 State |
| Buncombe Co. I-5892 STATEWIDE | 46413.1.1, NHPP-0026(007) Future I-26, Milemarker 18 to Milemarker 12.5. Funds are needed for preliminary engineering. | \$90,000.00 Cost \$72,000.00 Fed. \$18,000.00 State |
| Madison Co. I-5753 STATEWIDE | 52031.1.1, NHPP-0026(008) I-26 from the Tennessee State Line to Tributary of Little Creek. Funds are needed for preliminary engineering. | \$90,000.00 Cost \$72,000.00 Fed. \$18,000.00 State |
| McDowell Co. I-5809 STATEWIDE | 50452.1.1, NHPP-0040(027) I-40 from SR 1741 (Fairview Road) to Burke County Line. Funds are needed for preliminary engineering. | \$90,000.00 Cost \$72,000.00 Fed. \$18,000.00 State |
| McDowell Co. I-5833 STATEWIDE | 53039.1.1, NHPP-0040(026) I-40 from the Buncombe County Line to SR 1103 (South Catawba Avenue / Bat Cave Road). Funds are needed for preliminary engineering. | \$90,000.00 Cost \$72,000.00 Fed. \$18,000.00 State |

Enhancement

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|-------------------------------------|---|--|
| Divisionwide R-9999M DIVISION | 34634.2.13, STP-000S(653) Division 13 - Environmental Mitigation and Minimization. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for FY 2016 allocation. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
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Bridge

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| Buncombe Co. B-5873 DIVISION | 48067.1.1, BRZ-3137(001) Replace Bridge #88 over Cane Creek on SR 3137. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Buncombe Co. B-5888 DIVISION | 48081.1.1, BRZ-2815(001) Replace Bridge #100 over Ashworth Creek on SR 2815. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Burke Co. B-5870 DIVISION | 48064.1.1, BRZ-1410(005) Replace Bridge #155 over a creek on SR 1410. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Burke Co. B-5872 DIVISION | 48066.1.1, BRZ-1115(025) Replace Bridge #126 over Double Branch Creek on SR 1115. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Madison Co. B-5878 | 48072.1.1, BRZ-1155(004) Replace Bridge #353 over Paw Paw Creek on SR 1155. Funds | \$100,000.00 Cost \$80,000.00 Fed. |

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| DIVISION | are needed for preliminary engineering. | \$20,000.00 | State |
| McDowell Co. B-5875 DIVISION | 48069.1.1, BRZ-1501(019) Replace Bridge #77 over Johns Creek on SR 1501. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| McDowell Co. B-5885 DIVISION | 48078.1.1, BRZ-1560(003) Replace Bridge #108 over north Fork River on SR 1560. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Mitchell Co. B-5874 DIVISION | 48068.1.1, BRZ-1313(006) Replace Bridge #183 over Brummetts Creek on SR 1313. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Rutherford Co. B-5415 DIVISION | 55045.1.1, BRZ-1793(001) Replace Bridge #88 over Branch of Sandy Run Creek on SR 1793. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Rutherford Co. B-5871 DIVISION | 48065.1.1, BRZ-1306(031) Replace Bridge #628 over Lake Lure Dam and Broad River on SR 1306. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Rutherford Co. B-5876 STATEWIDE | 48070.1.1, NHP-0074(181) Replace Bridges #83 and #84 over Second Broad River on US 74 Bypass. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Rutherford Co. B-5877 DIVISION | 48071.1.1, BRZ-1729(003) Replace Bridge #590 over Hard Bargain Branch on SR 1729. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Rutherford Co. B-5879 DIVISION | 48073.1.1, BRZ-1007(032) Replace Bridge #167 over Heavens Creek on SR 1007. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Yancey Co. B-5867 DIVISION | 48061.1.1, BRZ-1158(011) Replace Bridge #156 over Colbert Creek on SR 1158. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Rutherford Co. Z-5400ME STATEWIDE | 43600.1.69, RR-2102(003) Railway-Highway Grade Crossing Safety Project at SR 2102 (Hines Road) at CSX Transportation Tracks; Crossing #244 271F near Forest City. Funds are needed for preliminary engineering. | \$20,000.00 \$18,000.00 \$2,000.00 | Cost Fed. State |
| Rutherford Co. Z-5400MF STATEWIDE | 43600.1.63, RR-2105(002) Upgrade Highway-Rail Grade Crossing Flashers and Gates, SR 2105 (State Line Road) at CSX Transportation Tracks; Crossing #244 269E near Forest City. Funds are needed for | \$20,000.00 \$18,000.00 \$2,000.00 | Cost Fed. State |

preliminary engineering.

**Division 14
Enhancement**

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost |
|---|---|--|
| Divisionwide R-9999N DIVISION | 34634.2.14, STP-000(654) Division 14 - Environmental Mitigation and Minimization. \$421,500.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for FY 2016 allocation. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

Bridge

| | | |
|--|--|--|
| Clay Co. B-5911 DIVISION | 48043.1.1, BRZ-1302(066) Replace Bridge #41 over Sweetwater Creek on SR 1302. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Clay Co. B-5918 DIVISION | 48050.1.1, BRZ-1169(004) Replace Bridge #60 over Left Fork Eagle Creek on SR 1169. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Graham Co. B-5923 DIVISION | 48055.1.1, BRZ-1105(024) Replace Bridge #119 over Mill Creek on SR 1105. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Haywood Co. B-5900 DIVISION | 48032.1.1, BRZ-1835(001) Replace Bridge #382 over Dutch Cove Creek on SR 1835. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Haywood Co. B-5909 DIVISION | 48041.1.1, BRZ-1856(001) Replace Bridge #375 over Dutch Cove Creek on SR 1856. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Haywood Co. B-5920 DIVISION | 48052.1.1, BRZ-1216(022) Replace Bridge #246 over West Fork Pigeon Creek on SR 1216. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Henderson Co. B-5901 REGIONAL | 48033.1.1, NHP-0191(015) Replace Bridge #121 over French Broad River overflow on NC 191. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Henderson Co. B-5903 DIVISION | 48035.1.1, BRZ-1323(007) Replace Bridge #15 over Boylston Creek on SR 1323. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |
| Henderson Co. B-5906 | 48038.1.1, BRZ-1328(009) Replace Bridge #182 over Sweet Water Branch Creek on SR 1328. Funds are needed for preliminary engineering. | \$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State |

DIVISION

| | | | |
|-------------------------------------|---|--|-----------------------|
| Henderson Co. B-5907 DIVISION | 48039.1.1, BRZ-1109(014) Replace Bridge #208 over Cabin Creek on SR 1109. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Henderson Co. B-5913 DIVISION | 48045.1.1, BRZ-1108(018) Replace Bridge #100 over Rock Creek on SR 1108. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Henderson Co. B-5917 DIVISION | 48049.1.1, BRZ-1210(007) Replace Bridge #89 over Big Willow Creek on SR 1210. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Jackson Co. B-4159 DIVISION | 33507.2.FD1, BRZ-1002(013) Replace Bridge #108 over Tuckasegee River on SR 1002, 0.294 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015. | \$5,800,000.00 \$4,640,000.00 \$1,160,000.00 | Cost Fed. State |
| Jackson Co. B-5899 DIVISION | 48031.1.1, BRZ-1119(006) Replace Bridge #1 over Horse Pasture River on SR 1119. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Jackson Co. B-5902 DIVISION | 48034.1.1, BRZ-1447(003) Replace Bridge #99 over Fisher Creek on SR 1447. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Jackson Co. B-5921 DIVISION | 48053.1.1, BRZ-1120(013) Replace Bridge #8 over Cedar Creek on SR 1120. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Macon Co. B-5908 DIVISION | 48040.1.1, BRZ-1387(002) Replace Bridge #127 over Burningtown Creek on SR 1387. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Macon Co. B-5912 DIVISION | 48044.1.1, BRZ-1369(004) Replace Bridge #181 over Tellico Creek on SR 1369. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Macon Co. B-5914 DIVISION | 48046.1.1, BRZ-1369(003) Replace Bridge #180 over Sugar Cove Creek on SR 1369. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Macon Co. B-5919 DIVISION | 48051.1.1, BRZ-1635(002) Replace Bridge #43 over Middle Creek on SR 1635. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Polk Co. B-5896 | 48028.1.1, BRZ-1138(022) Replace Bridge #143 over Panther Creek on SR 1138. Funds | \$100,000.00 \$80,000.00 | Cost Fed. |

| | | | |
|--|---|--|-----------------------|
| DIVISION | are needed for preliminary engineering. | \$20,000.00 | State |
| Polk Co. B-5916 DIVISION | 48048.1.1, BRZ-1501(018) Replace Bridge #22 over Wolfe Creek on SR 1501. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Transylvania Co. B-5915 DIVISION | 48047.1.1, BRZ-1316(021) Replace Bridge #29 over Flat Creek on SR 1316. Funds are needed for preliminary engineering. | \$100,000.00 \$80,000.00 \$20,000.00 | Cost Fed. State |
| Transylvania Co. R-2409C REGIONAL | 34428.3.FR4, HPP-0064(115) Widening and realignment on US 64 from Lake Toxaway to Indian Creek, 1.268 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015. | \$4,350,000.00 \$3,480,000.00 \$870,000.00 | Cost Fed. State |

**Statewide
Enhancement**

| Town/ County/PROJ CATEGORY | Project Description | Estimated Cost | |
|---|--|--|-----------------------|
| Statewide R-9999WM STATEWIDE | 34634.1.1, STP-000S(230) Environmental Mitigation and Minimization. \$62,973,651.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for FY 2016 allocation. | \$600,000.00 \$480,000.00 \$120,000.00 | Cost Fed. State |

Bicycle and Pedestrian

| | | | |
|----------------------------------|---|---|-----------------------|
| Statewide EB-5542 DIVISION | 55062.1.1, STPEB-000S(730) <i>Watch4MeNC</i> - Bike / Pedestrian Program. Funds are needed for preliminary engineering. | \$275,000.00 \$220,000.00 \$55,000.00 | Cost Fed. State |
|----------------------------------|---|---|-----------------------|

ITEM M SUMMARY - 160 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$61,700,085.00

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

Approval - Revisions to the 2016-2025 STIPS

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

Board Member Dodson noted a conflict of interest on project C5529 in Iredell County.

**HIGHWAY PROGRAM
STIP ADDITIONS**

DIVISION 11

| | | | | |
|-----------------------|---------------------------|--------------|------|----------------------|
| EB-5806 | Lenoir, Hospital Avenue, | Construction | FY16 | \$800,000 (STPDA) |
| CALDWELL | Harper Avenue to US 321 | | FY16 | <u>\$200,000 (L)</u> |
| Proj. Category | (Blowing Rock Boulevard). | | | \$1,000,000 |
| DIVISION | Construct sidewalk. | | | |

**Add Construction in FY 16
not previously programmed.
project is being funded with the
Greater Hickory MPO's STP- DA funding.**

| | | | | |
|-----------------------|--------------------------------------|--------------|------|----------------------|
| R-5775 | Granite Falls, Intersection of | Construction | FY16 | \$400,000 (STPDA) |
| CALDWELL | US 321 and SR 1109 | | FY16 | <u>\$100,000 (L)</u> |
| Proj. Category | (Pinewoods Road extension). | | | \$500,000 |
| EXEMPT | Construct intersection improvements. | | | |

**Add Construction in FY 16
not previously programmed.
Project is being funded with the
Greater Hickory MPO's STP-DA funding.**

DIVISION 12

| | | | | |
|-----------------------|--------------------------|--------------|------|----------------------|
| EB-5803 | Conover, 1st Avenue area | Construction | FY16 | \$399,000 (STPDA) |
| CATAWBA | Bicycle and pedestrian | | FY16 | <u>\$100,000 (L)</u> |
| Proj. Category | improvements. | | | \$499,000 |
| DIVISION | | | | |

**Add Construction in FY 16
not previously programmed.
Project is being funded with the
Greater Hickory MPO's STP-DA funding.**

| | | | | |
|-----------------------|-----------------------------|--------------|------|---------------------|
| EB-5804 | Newton, Newton Conover High | Construction | FY16 | \$439,000 (STPDA) |
| CATAWBA | School sidewalk connection. | | FY16 | <u>\$88,000 (L)</u> |
| Proj. Category | | | | \$527,000 |
| DIVISION | | | | |

**Add Construction in FY 16
not previously programmed.
project is being funded with the
Greater Hickory MPO's STP-DA funding.**

| | | | | |
|-----------------------|------------------------------|-------------|------|----------------------|
| EB-5805 | Hickory, Citywalk - Phase I. | Engineering | FY16 | \$800,000 (STPDA) |
| CATAWBA | Construct multi-purpose | | FY16 | <u>\$200,000 (L)</u> |
| Proj. Category | pedestrian and bicycle path. | | | \$1,000,000 |
| DIVISION | | | | |

**Add engineering in FY 16
not previously programmed.
Project is being funded with the
Greater Hickory MPO's STP-DA funding.**

| | | | | |
|----------|--------------------------------|--------------|------|---------------------|
| EB-5808 | Hickory, Upgrade current | Construction | FY16 | \$322,000 (STPDA) |
| CALDWELL | pedestrian signals and install | | FY16 | <u>\$80,000 (L)</u> |
| BURKE | new pedestrian signals. | | | \$402,000 |
| CATAWBA | | | | |

**Add Construction in FY 16
not previously programmed.
Project is being funded with the
Greater Hickory MPO's STP-DA funding.**

Proj. Category
DIVISION

DIVISION 13

| | | | | |
|-----------------------|---|--------------|------|---------------------|
| EB-5807 | Morganton, Morganton | Construction | FY16 | \$1,335,000 (STPDA) |
| BURKE | downtown greenway connector. | | FY16 | \$334,000 (L) |
| Proj. Category | <u>Add Construction in FY 16</u> | | | \$1,669,000 |
| DIVISION | <u>not previously programmed.</u> | | | |
| | <u>Project is being funded with the</u> | | | |
| | <u>Greater Hickory MPO's STP-DA funding.</u> | | | |

| | | | | |
|-----------------------|---|--------------|------|-------------------|
| EB-5809 | Hildebran, North Center Street, | Construction | FY16 | \$621,000 (STPDA) |
| BURKE | First Avenue NE to Wilson Road. | | FY16 | \$155,000 (L) |
| Proj. Category | Construct sidewalk. | | | \$776,000 |
| DIVISION | <u>Add Construction in FY 16</u> | | | |
| | <u>not previously programmed.</u> | | | |
| | <u>Project is being funded with the</u> | | | |
| | <u>Greater Hickory MPO's STP-DA funding.</u> | | | |

STIP MODIFICATIONS**DIVISION 2**

| | | | | |
|-----------------------|---|--------------|------|-------------------|
| B-5100 | Greenville (King George Road), | Construction | FY16 | \$687,000 (STPOF) |
| PITT | Replace Bridge 730421 over | | | |
| Proj. Category | Meeting House Branch. | | | |
| DIVISION | <u>Delay Construction from FY 15</u> | | | |
| | <u>to FY 16 to allow additional time</u> | | | |
| | <u>for Right of Way Acquisition by</u> | | | |
| | <u>city of Greenville.</u> | | | |

DIVISION 4

| | | | | |
|-----------------------|---|--------------|------|------------------|
| C-5549 | Rocky Mount, Nashville Road, | Construction | FY17 | \$479,000 (CMAQ) |
| NASH | Raleigh Road, Winstead Avenue | | | |
| Proj. Category | and Raleigh Street. Construct | | | |
| EXEMPT | sidewalks. | | | |
| | <u>Delay Construction from FY 15</u> | | | |
| | <u>to FY 17 to allow city of</u> | | | |
| | <u>Rocky Mount additional</u> | | | |
| | <u>time for Planning and Design.</u> | | | |

DIVISION 5

| | | | | |
|-----------------------|--|--------------|------|--------------------------|
| B-5327 | SR 1300 (Concord Church | Right-of-Way | FY17 | \$93,000 (HFB) |
| PERSON | Road), Replace Bridge 720049 | Utilities | FY17 | \$106,000 (HFB) |
| Proj. Category | over South Hyco Creek. | Construction | FY18 | <u>\$1,650,000 (HFB)</u> |
| HWY FUNDS | <u>Delay Right-of-Way from FY 16</u> | | | \$1,849,000 |
| | <u>to FY 17 and Construction from</u> | | | |
| | <u>FY 17 to FY 18 for strategic letting</u> | | | |
| | <u>purposes.</u> | | | |

| | | | | |
|-----------------------|--|--------------|------|---------------------|
| C-5169 | Park-and-ride lot, North | Construction | FY16 | \$277,000 (CMAQ) |
| WAKE | Carolina State University. | | FY16 | <u>\$69,000 (L)</u> |
| Proj. Category | Construct parking lot near | | | \$346,000 |
| EXEMPT | NC State University centennial | | | |
| | campus. | | | |
| | <u>Modify description at request</u> | | | |
| | <u>of FHWA and delay Construction</u> | | | |

**from FY 15 to FY 16 at request of MPO
and Transportation Planning Branch.**

| | | | |
|--|---|--|--|
| EB-5514 DURHAM Proj. Category TRANSITION | NC 751 / SR 1183 / SR 2220 / Non-system (University Drive), SR 1116 (Garret Road) to SR 1158 (Cornwallis Road) in Durham. Add bicycle lanes and pedestrian improvements. | Construction FY16 FY16 | \$820,000 (STPEB) <u>\$205,000 (L)</u> \$1,025,000 |
| | <u>Delay Construction from FY15 to FY 16 - city needs additional time to complete Right of Way.</u> | | |
| I-5307B DURHAM Proj. Category TRANSITION | I-540, bridge 910342 over I-40 in Durham. Replace joints. | Construction FY16 | \$300,000 (NHP) |
| | <u>Add Construction in FY 16 not previously programmed at request of Division, to allow separate letting of work covered in existing authorization.</u> | | |
| I-5506 WAKE Proj. Category STATEWIDE | I-40, SR 1002 (Aviation Parkway) Interchange. Construct loop ramp in northwest quadrant. | Right-of-Way FY17 Utilities FY17 Construction FY18 FY19 | \$1,750,000 (NHP) \$93,000 (NHP) \$8,650,000 (NHP) <u>\$8,650,000 (NHP)</u> \$19,143,000 |
| | <u>Cost increase exceeding \$2 million and 25% thresholds.</u> | | |
| I-5707 DURHAM Proj. Category STATEWIDE | I-40, NC 55 (Alston Avenue) to NC 147 (Durham freeway / triangle expressway) in Durham. Construct westbound auxiliary lane. | Right-of-Way FY20 Utilities FY20 Construction FY22 FY23 | \$268,000 (NHP) \$32,000 (NHP) \$7,585,000 (NHP) <u>\$7,584,000 (NHP)</u> \$15,469,000 |
| | <u>Delay Construction from FY 21 to FY 22 to allow time for railroad coordination.</u> | | |
| I-5787 VANCE GRANVILLE Proj. Category STATEWIDE | I-85, North of NC 56 in Granville County to US 158 in Vance county. Pavement rehabilitation. | Construction FY16 FY17 | \$2,500,000 (NHPIM) <u>\$2,500,000 (NHPIM)</u> \$5,000,000 |
| I-5819 VANCE GRANVILLE Proj. Category STATEWIDE | I-85, north of NC 56 in Granville county to US 158 in Vance county. Drainage rehabilitation. | Construction FY16 FY17 | \$500,000 (NHPIM) <u>\$500,000 (NHPIM)</u> \$1,000,000 |
| | <u>Modify work scope and revise termini.</u> | | |
| I-5843 VANCE GRANVILLE Proj. Category | I-85, north of NC 56 in Granville county to US 158 in Vance county. Structure and signing rehabilitation. | Construction FY16 FY17 | \$1,000,000 (NHPIM) <u>\$1,000,000 (NHPIM)</u> \$2,000,000 |

| | | | | |
|-----------------------|---|--------------|------|---------------------------|
| STATEWIDE | <u>Modify work scope and revise termini.</u> | | | |
| U-2719 | I-440 / US 1, south of SR 1313 | Right-of-Way | FY18 | \$22,208,000 (NHP) |
| WAKE | (Walnut Street) to north of | Utilities | FY18 | \$102,000 (NHP) |
| Proj. Category | SR 1728 (Wade Avenue) in | Construction | FY18 | \$26,300,000 (NHP) |
| STATEWIDE | Raleigh. Widen from four to six | | FY19 | \$26,300,000 (NHP) |
| | lanes, improve storage at | | FY20 | \$26,300,000 (NHP) |
| | Lake Boone Trail interchange and | | FY21 | <u>\$26,300,000 (NHP)</u> |
| | install ramp meters. | | | \$127,510,000 |
| | <u>Cost increase exceeding \$2 million and 25% thresholds.</u> | | | |
| DIVISION 6 | | | | |
| B-5412 | SR 1702 (Williams Road), | Right-of-Way | FY16 | \$60,000 (STPOFF) |
| HARNETT | Replace Bridge 420007 | Construction | FY17 | <u>\$600,000 (STPOFF)</u> |
| Proj. Category | over West Buies Creek. | | | \$660,000 |
| DIVISION | <u>Accelerate Right-of-Way from FY 23 to FY 16 and Construction from FY 24 to FY 17. the bridge sufficiency rating has prompted an accelerated</u> | | | |
| DIVISION 7 | | | | |
| AV-5708 | Piedmont Triad International | Construction | FY16 | \$500,000 (T) |
| GUILFORD | Airport (GSO), Construct | | FY16 | <u>\$19,500,000 (O)</u> |
| Proj. Category | taxiway over future I-73 east | | | \$20,000,000 |
| STATEWIDE | of SR 2085 (Bryan Boulevard). | | | |
| | <u>Delay Construction from FY 15 to FY 16 at request of Division of Aviation.</u> | | | |
| B-4961 | SR 3051 (Knox Road), | Right-of-Way | FY16 | \$33,000 (HFB) |
| GUILFORD | Replace Bridge 400208 | Utilities | FY16 | \$18,000 (HFB) |
| Proj. Category | over Little Alamance Creek. | Construction | FY16 | <u>\$950,000 (HFB)</u> |
| HWY FUNDS | <u>Accelerate Construction from FY 17 to FY 16 to optimize near-term funding capacity.</u> | | | \$1,001,000 |
| I-5711 | I-40 / I-85, SR 1007 (Mebane- | Right-of-Way | FY19 | \$9,100,000 (NHP) |
| ALAMANCE | oaks Road) in Mebane. | Utilities | FY19 | \$146,000 (NHP) |
| Proj. Category | interchange improvements. | Construction | FY21 | \$8,200,000 (NHP) |
| STATEWIDE | <u>Cost increase exceeding \$2 million and 25% thresholds.</u> | | | \$17,446,000 |
| I-5712 | I-40 / US 421, SR 1850 | Right-of-Way | FY19 | \$7,700,000 (NHP) |
| GUILFORD | (Sandy ridge Road) | Utilities | FY19 | \$200,000 (NHP) |
| Proj. Category | in Greensboro. | Construction | FY21 | \$7,800,000 (NHP) |
| STATEWIDE | interchange improvements. | | | \$15,700,000 |
| | <u>Cost increase exceeding \$2 million and 25% thresholds.</u> | | | |
| I-5854 | I-85, north of I-73 / US 421 | Construction | FY16 | \$3,391,000 (NHPIM) |
| GUILFORD | interchange to SR 3300 (South | | | |

| | | | | |
|-----------------------|--|--------------|------|----------------------------|
| Proj. Category | Elm-Eugene Street). | | | |
| STATEWIDE | Pavement rehabilitation. | | | |
| | <u>Modify description to extend northern terminus to SR 3300 (South Elm-Eugene Street).</u> | | | |
| I-5855 | I-85, SR 3300 - | Construction | FY16 | \$2,766,000 (NHPIM) |
| GUILFORD | (South Elm Eugene Street) | | FY17 | <u>\$2,765,000 (NHPIM)</u> |
| Proj. Category | 0 to.2 mile north of SR 3039 | | | \$5,531,000 |
| STATEWIDE | (Nelson Farm Road) in Greensboro. | | | |
| | Pavement rehabilitation. | | | |
| | <u>Modify description to extend southern terminus to SR 3300 (South Elm-Eugene Street).</u> | | | |
| U-5326 | SR 1008 (Market Street), | Construction | FY16 | \$7,100,000 (T) |
| GUILFORD | SR 1546 (College Road) in | | | |
| Proj. Category | Greensboro. | | | |
| DIVISION | Intersection improvements. | | | |
| | <u>Cost increase exceeding \$2 million and 25% thresholds.</u> | | | |
| U-5842 | Pisgah church Road, North | Right-of-Way | FY17 | \$144,000 (STP) |
| GUILFORD | Elm Street in Greensboro. | | FY17 | \$36,000 (L) |
| Proj. Category | Intersection improvements. | Construction | FY19 | \$600,000 (STP) |
| DIVISION | <u>Delay Construction from FY 18 to FY 19 based on preliminary assessment of utility impacts.</u> | | FY19 | <u>\$150,000 (L)</u> |
| | | | | \$930,000 |
| DIVISION 8 | | | | |
| I-5737 | I-73, South of SR 2269 | Construction | FY16 | \$150,000 (NHPIM) |
| RANDOLPH | (Vision Drive) to north of | | | \$150,000 |
| Proj. Category | SR 1712 (Pine View Street). | | | |
| STATEWIDE | Pavement rehabilitation. | | | |
| | <u>Revise termini at Division 8 request.</u> | | | |
| DIVISION 9 | | | | |
| B-5780 | NC 47, Replace Bridge | Right-of-Way | FY16 | \$75,000 (HFB) |
| DAVIDSON | 280017 over Swearing Creek. | Utilities | FY16 | \$150,000 (HFB) |
| Proj. Category | <u>Delay Right-of-Way from FY 15 to FY 16 at request of Division.</u> | Construction | FY17 | \$1,400,000 (HFB) |
| REGIONAL | | | | \$1,625,000 |
| C-5160 | Newsome Road, city of | Right-of-Way | FY16 | \$101,000 (CMAQ) |
| ROWAN | Salisbury - Construct bike | | FY16 | \$25,000 (L) |
| Proj. Category | lanes. | Construction | FY16 | \$1,205,000 (CMAQ) |
| EXEMPT | <u>Delay Right-of-Way and Construction from FY 15 to FY 16 at request of division and Transportation Planning Branch.</u> | | FY16 | <u>\$301,000 (L)</u> |
| | | | | \$1,632,000 |
| U-4918B | Various, Construct multiuse trail from Third | | | |

| | | | |
|---|---|--|---|
| FORSYTH Proj. Category TRANSITION | Street to Rams Drive; construct pedestrian amenities and provide landscaping on Fogle Street and extend roadway from existing terminus to Research Parkway; Construct Central Pond Greenway; Construct Patterson Alley sidewalk. <u>Delay Construction from FY 15 to FY 16 to allow additional time for Planning / Design (note: funds previously authorized)</u> | | |
| U-5820 ROWAN Proj. Category DIVISION | New route, SR 2576 (Bendix Drive) to US 52 (East Innes Street) at Newsome Road in Salisbury. Construct a new multilane roadway. <u>Separate project into parts A and B as shown below.</u> | | |
| U-5820A ROWAN EXEMPT Proj. Category DIVISION | New route, SR 2576 (Bendix Drive) to SR 1006 (Faith Road) in Salisbury. <u>Create new project break and accelerate Right of way from FY 20 to FY 17 and Construction from FY 21 to FY 18 at request of division.</u> | Right-of-Way FY17 Construction FY18 | \$1,015,000 (T) <u>\$850,000 (T)</u> \$1,865,000 |
| U-5820B ROWAN Proj. Category DIVISION | New route, SR 1006 (Faith Road) to US 52 (East Innes Street) in Salisbury. <u>Create new project break; amount shown reflects reimbursement to city of Salisbury for locally-administered project.</u> | Construction FY20 | \$615,000 (T) |
| DIVISION 10 | | | |
| U-5766 MECKLENBURG Proj. Category REGIONAL | NC 160, South Carolina line to SR 1116 (Shopton Road). Widen to multi-lanes. <u>Change southern project limits from NC 49 (south Tryon Road) to the South Carolina line to provide a more logical terminus.</u> | | |
| U-5766A MECKLENBURG Proj. Category REGIONAL | NC 160, South Carolina line to NC 49 (South Tryon Road). <u>Modify project U-5766 to Add segment A as an unfunded project.</u> | Right-of-Way PY Utilities PY Construction PY | \$500,000 (T) \$2,500,000 (T) <u>\$21,700,000 (T)</u> \$24,700,000 |
| U-5766B MECKLENBURG Proj. Category REGIONAL | NC 160, NC 49 (South Tryon Road) to SR 1116 (Shopton Road). <u>Rename project U-5766 to U-5766B due to expansion.</u> | Right-of-Way FY20 Utilities FY20 Construction FY22 FY23 | \$3,100,000 (T) \$4,600,000 (T) \$15,650,000 (T) <u>\$15,650,000 (T)</u> \$39,000,000 |

of project scope.

DIVISION 12

| | | | | |
|-----------------------|-------------------------------|--------------|------|----------------------|
| C-5200 | Mooresville, NC 115 and | Right-of-Way | FY16 | \$92,000 (CMAQ) |
| IREDELL | NC 150 in Mooresville. | | FY16 | \$29,000 (L) |
| Proj. Category | Construct southbound NC 115 | Construction | FY17 | \$1,234,000 (CMAQ) |
| EXEMPT | right turn lane at NC 150 and | | FY17 | <u>\$390,000 (L)</u> |
| | westbound NC 150 shared | | | \$1,745,000 |
| | through-right lane at NC 115. | | | |

**Revise funding amounts
based on request from MPO.**

| | | | | |
|-----------------------|--------------------------------------|--------------|------|----------------------|
| C-5529 | Mooresville, intersection of | Right-of-Way | FY16 | \$82,000 (CMAQ) |
| IREDELL | NC 115 and Faith Road-Campus | | FY16 | \$27,000 (L) |
| Proj. Category | Lane in Mooresville. | Construction | FY16 | \$996,000 (CMAQ) |
| EXEMPT | Realign Faith Road to tie into | | FY16 | <u>\$332,000 (L)</u> |
| | existing NC 115/Campus Lane | | | \$1,437,000 |
| | intersection and construct dedicated | | | |
| | turn lanes on Faith Road and | | | |
| | Campus Lane approaches to | | | |
| | the intersection. | | | |

**Revise funding amounts
based on request from MPO.**

| | | | | |
|-----------------------|---|--------------|------|----------------------|
| C-5531 | Mooresville, Kistler Farm- | Construction | FY16 | \$802,000 (CMAQ) |
| IREDELL | Briarcliff-Bellingham-White Oak | | FY16 | <u>\$201,000 (L)</u> |
| Proj. Category | sidewalk network in Mooresville. | | | \$1,003,000 |
| EXEMPT | Construct sidewalks in various locations. | | | |

**Revise funding amounts
based on request from MPO.**

| | | | | |
|-----------------------|--|--------------|------|----------------------|
| C-5701 | Mooresville, intersection of | Right-of-Way | FY16 | \$111,000 (CMAQ) |
| IREDELL | NC 801 and NC 150. Construct | | FY16 | \$29,000 (L) |
| Proj. Category | intersection improvements. | Construction | FY16 | \$959,000 (CMAQ) |
| EXEMPT | <u>Add bonus allocation funding that was previously assigned to project U-4909.</u> | | FY16 | \$650,000 (BA) |
| | | | FY16 | <u>\$255,000 (L)</u> |
| | | | | \$2,004,000 |

DIVISION 13

| | | | | |
|-----------------------|--|--------------|------|---------------------------|
| U-4715B | Citywide, signal improvements | Right-of-Way | FY17 | \$74,000 (STP) |
| BUNCOMBE | <u>Accelerate Construction</u> | | FY17 | \$26,000 (S(M)) |
| Proj. Category | <u>from FY 18 to FY 17. The</u> | Utilities | FY17 | \$740,000 (STP) |
| DIVISION | <u>Traffic Engineering Branch</u> | | FY17 | \$260,000 (S(M)) |
| | <u>is able to deliver the project</u> | Construction | FY17 | \$8,954,000 (STP) |
| | <u>on an advanced schedule.</u> | | FY17 | <u>\$3,146,000 (S(M))</u> |
| | | | | \$13,200,000 |

DIVISION 14

| | | | | |
|-----------------------|---|--------------|------|---------------------|
| C-5151 | Eastern Band of Cherokee | Construction | FY16 | \$177,000 (CMAQ) |
| HAYWOOD | Indians (EBCI), Great Smokies | | FY16 | <u>\$65,000 (L)</u> |
| SWAIN | National park. | | | \$242,000 |
| Proj. Category | Construct a mixed-use pathway. | | | |
| EXEMPT | <u>Delay Construction from FY 15 to FY 16 to allow additional time</u> | | | |

for Right-of-Way Acquisition.

| | | | |
|-----------------------|--------------------------|-------------------|--------------------------|
| U-5105 | Hendersonville, NC 225/ | Right-of-Way FY16 | \$200,000 (STP) |
| HENDERSON | SR 1164 (Erkwood Drive)/ | Construction FY17 | <u>\$2,150,000 (STP)</u> |
| Proj. Category | SR 1779(Shepherd Street) | | \$2,350,000 |
| TRANSITION | in Hendersonville. | | |

Improve intersection.
Delay Right of Way from FY 15 to FY 16 and Construction from FY 16 to FY 18 to allow additional time for Right-of-Way.

| | | | |
|-----------------------|-----------------------------|-------------------|------------------------|
| U-5840 | SR 1545 (Old Airport Road), | Right-of-Way FY17 | \$100,000 (T) |
| HENDERSON | US 25 to Mills Gap Road. | Construction FY19 | <u>\$2,200,000 (T)</u> |
| Proj. Category | Widen roadway. | | \$2,300,000 |
| DIVISION | | | |

Accelerate Right of Way from FY 19 to FY 17 and Construction from FY 21 to FY 19, Division 14 is able to deliver the project on an advanced schedule.

| | | | |
|-----------------------|--------------------------------|-------------------|------------------------|
| U-5866 | new route, US 129 (Rodney | Right-of-Way FY17 | \$150,000 (T) |
| GRAHAM | Orr Bypass) to Robbinsville | Utilities FY17 | \$20,000 (T) |
| Proj. Category | high school and middle school. | Construction FY19 | <u>\$3,800,000 (T)</u> |
| DIVISION | Construct new route including | | \$3,970,000 |
| | bridge over Cheoah River. | | |

Accelerate right of way from FY 19 to FY 17 and Construction from FY 21 to FY 19, Division 14 is able to deliver the project on an advanced schedule.

STIP DELETIONS

DIVISION 4

| | | | |
|-----------------------|---|-------------------|---------------------|
| I-5742 | I-95, 0.5 miles north of I-795 | Construction FY17 | \$2,900,000 (NHPIM) |
| WILSON | (mile post 119.8) to 0.7 miles | | |
| Proj. Category | north of SR 1309 (Bloomery | | |
| STATEWIDE | Road) (mile post 123.7). | | |
| | Pavement rehabilitation. | | |
| | <u>Delete, work to be accomplished under project I-5727.</u> | | |

DIVISION 10

| | | | |
|-----------------------|--|-------------------|------------------------|
| U-5803 | Intersection of SR 2940 | Right-of-Way FY19 | \$550,000 (T) |
| MECKLENBURG | (East way Drive) and | Construction FY21 | <u>\$2,250,000 (T)</u> |
| Proj. Category | Shamrock Drive. | | \$2,800,000 |
| DIVISION | Realign SR 2940 and | | |
| | reconfigure 5-leg skewed | | |
| | intersection to three 2-leg intersections. | | |

Delete at the request of the city of Charlotte. City plans to rescope project and re-submit for prioritization.

DIVISION 12

| | | | | |
|-----------------------|--------------------------------|--------------|------|----------------------|
| C-5201 | NC 115 in Mooresville, | Construction | FY16 | \$1,800,000 (CMAQ) |
| IREDELL | Mecklenburg County line to | | FY16 | <u>\$450,000 (L)</u> |
| Proj. Category | Norman Avenue. | | | \$2,250,000 |
| EXEMPT | Construct four foot bike lanes | | | |
| | along both sides. | | | |

Delete at the request of MPO.

| | | | | |
|-----------------------|------------------------------|--------------|------|---------------------|
| C-5528 | Intersection of NC 150 and | Construction | FY16 | \$280,000 (CMAQ) |
| IREDELL | Talbert Road in Mooresville. | | FY16 | <u>\$70,000 (L)</u> |
| Proj. Category | Construct right turn lane on | | | \$350,000 |
| EXEMPT | southbound approach. | | | |

Delete at the request of MPO.

| | | | | |
|-----------------------|----------------------------|--------------|------|----------------|
| U-5909 | Mooresville, NC 801 and | Construction | FY17 | \$650,000 (BA) |
| IREDELL | NC 150. | | | |
| Proj. Category | Intersection improvements. | | | |
| EXEMPT | | | | |

Delete project. funding moved to project C-5701, that has the same scope of work.**DIVISION 14**

| | | | | |
|-----------------------|--------------------------------|--------------|------|------------------------|
| R-5715 | NC 107 (E Main Street), | Utilities | FY19 | \$700,000 (T) |
| JACKSON | US 23 Bus. (W Main Street), | Right-of-Way | FY19 | \$5,800,000 (T) |
| Proj. Category | US 23 Bus (Asheville highway) | Construction | FY21 | <u>\$5,500,000 (T)</u> |
| REGIONAL | from SR 1449 (Cope Creek Road) | | | \$12,000,000 |
| | (to SR 1783 Council Circle). | | | |
| | Upgrade roadway. | | | |

Delete project - work to be accomplished in R-5600.**ITEM N SUMMARY**

| | | |
|---------------|-------------|----------------|
| ADDITIONS | 8 PROJECTS | \$6,373,000 |
| MODIFICATIONS | 40 PROJECTS | |
| DELETIONS | 7 PROJECTS | \$22,380,000 |
| | 55 PROJECTS | (\$16,007,000) |

Approval – Municipal and Special Agreements

A motion was made by Board Member Fountain seconded by Board Member Tulloss, to approve the following.

Board Member Hutchens noted a conflict of interest on project W-5519 in Cumberland County.

SUMMARY: There are a total of 23 agreements for approval by the Board of Transportation.

Statewide

North Carolina Department of
Natural and Cultural Resources
(NCDNR)
Wake County

This Supplemental Agreement is to provide funding to support two (2) additional positions within the NCDNCR as a result of legislative actions that moved the Natural Heritage Program from the former North Carolina Department of Environmental and Natural Resources, now known as the North Carolina Department of Environmental Quality, to the NCDNCR. The Department will provide the supplemental amount total of \$315,000 for FY 2015-16 and FY2016-17.

North Carolina State University
Statewide
C-4902A
44002.1.2

This Project consists of the implementation and operation of the Clean Fuel Awareness Technology (CFAT) program by North Carolina State University. This Supplemental Agreement provides for the reimbursement of an additional \$4,494,500 in Congestion Mitigation and Air Quality (CMAQ) funds, with the University providing a twenty percent (20%) non-federal match of \$1,123,625. The Supplemental Agreement extends the completion date to April 29, 2018, in lieu of April 29, 2016.

Wabtec Railway
Electronics, Inc.
(WABTEC)

This is a Rail Master Agreement that details the terms and conditions by which the Department and WABTEC will handle the provision of goods, hardware, software and services related to the installation of Positive Train Control and other rail communication technology on the Department's locomotives and cab control units. Project costs to the Department total \$947,318 and were approved by the Board of Transportation in May 2015.

Wabtec Railway
Electronics, Inc.
(WABTEC)

This Rail Statement of Work Agreement No. 1 (SOW1) details the purchase provisions for WABTEC I-ETMS hardware and software to be installed on the Department's locomotives and cab control units related to the installation of Positive Train Control. The SOW1 details the specific equipment and software to be installed. The cost of the hardware and software is \$455,804 and was approved by the Board of Transportation in May 2015.

Wabtec Railway
Electronics, Inc.
(WABTEC)

This Rail Statement of Work Agreement No. 1 (SOW1) details the purchase provisions for WABTEC I-ETMS hardware and software to be installed on the Department's locomotives and cab control units related to the installation of Positive Train Control. The SOW1 details the specific equipment and software to be installed. The cost of the hardware and software is \$455,804 and was approved by the Board of Transportation in May 2015.

Wabtec Railway
Electronics, Inc.
(WABTEC)

This Rail Statement of Work Agreement No. 2 (SOW2) details the provisions for installation of WABTEC I-ETMS Hardware and Software on the Department's locomotives and cab control units related to the installation of Positive Train Control. The SOW2 also details testing, qualification

and on-going Tech Support for the I-ETMS hardware and software. The cost is \$491,514 which was approved by the Board of Transportation in May 2015.

Division 3

Clinton Industrial Switching
District, Inc. d/b/a Clinton
Terminal Railroad (CTR)
Sampson County
8000.1.4.7

This Rail Agreement covers the termination of the Supplemental Agreement to the Rail Freight Assistance Agreement, executed on September 11, 2015, which increased the amount of State Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for CTR to make infrastructure improvements to the rail corridor. The Rail Freight Assistance Agreement executed on December 4, 2014, remains in force.

Town of Wrightsville Beach
New Hanover County
U-5534 S
44096.1.20
44096.2.20
44096.3.20

This Project consists of the construction of sidewalk on the east side of Coral Drive starting at the corner of Coral Drive and Causeway Drive and ending at the corner of Coral Drive and Fourth Avenue in Wrightsville Beach. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$233,600 (80%) in STPDA funds. The Municipality will be responsible for providing \$58,400 (20%) matching funds and all costs that exceed the total estimated cost of \$292,000.

Division 4

City of Goldsboro
Wayne County
EB-5508
50024.1.FD1
50024.3.FD1

This Project consists of construction of a multi-use path along SR 1003 (New Hope Road). This Supplemental Agreement provides additional funding in the amount of \$240,000 from STPEB funds and \$60,000 from state matching funds. The Municipality is responsible for all costs that exceed the total estimated cost of the Project of \$900,000. The Supplemental Agreement also extends the completion date for the Project to September 11, 2019, in lieu of June 30, 2015.

Division 5

Granville County
U-5530 KA
44111.1.F9
44111.2.F9
44111.3.F9

This Project consists of sidewalk, bicycle accommodations and greenway from Lake Rogers Park in Creedmoor to Pond Drive along NC 56 in Granville County. This Supplemental Agreement is to add TAP and CMAQ funding to the Project. The Department's original participation was \$1,056,000 (80%) in TAP funds. The Department agrees to reimburse the County an additional \$450,717 (80%) in TAP funds and \$270,430 (80%) in CMAQ funds. The County's original participation was \$264,000. The County will provide an additional \$112,679 as their local match toward TAP funding and an additional \$67,608 local match toward CMAQ funding and all costs that exceed the total Project cost of \$2,221,434.

Town of Cary
Wake County

This Project consists of the construction of a 10 foot wide asphalt trail and 90 foot bridge across Panther Creek and

| | |
|---|---|
| C-5604 IA 43714.3.3 | connections to adjacent neighborhoods. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$1,005,840 (80%) in CMAQ funds. The Municipality will be responsible for providing \$251,460 (20%) matching funds and all costs that exceed the total estimated cost of \$1,257,300. |
| Town of Cary Wake County C-5163 46228.1.1 46228.2.1 46228.3.1 | This Project consists of the construction for a connector between Capital Area Greenway System, Cary Greenway System, Morrisville Greenway System and RTP. This Supplemental Agreement allows for the reimbursement of an additional \$1,200,000 (80%) in CMAQ funds, with the Municipality providing an additional local match of \$300,000 (20%). The Supplemental Agreement extends the completion date to three years from the date of the additional funding authorization. |
| Norfolk Southern Railway Company (NS) Wake County P-5005D & P-5500 | This Rail Supplemental Agreement No. 2 to the Raleigh Union Station Track Long Lead Time Materials Funding Agreement amends the Raleigh Union Station Track Long Lead Time Materials Funding Agreement to provide for the procurement of additional materials and increasing the funding for these materials in the amount of \$2,662,959. NS shall be responsible for the procurement of the materials. The Department shall reimburse NS the actual cost of said materials, using federal ARRA Funds. The increased estimated cost to the Department is \$3,782,959. |
| City of Raleigh Wake County C-5604 OA 43714.2.1 43714.3.2 | This Project consists of the installation of sidewalks along New Bern Avenue from Tarboro Street to Raleigh Boulevard, multi-use paths along New Bern Avenue from Raleigh Boulevard to Sunnybrook Road and pedestrian improvements at key intersections including crosswalks, pedestrian signals and improved transit shelters/stops in Raleigh. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$1,754,071 (33.4%) in CMAQ funds. The Municipality will be responsible for providing \$3,497,640 (66.6%) matching funds and all costs that exceed the total estimated cost of \$5,251,711. |
| Division 6 Fayetteville Public Works Commission Cumberland County W-5519 45849.3.FR1 | This Project consists of improvements on I-95 Bus/US 301 from NC 87 South to NC 59. At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water and sewer lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$162,580. |
| Division 9 | |
| City of Winston-Salem Forsyth County | This Project consists of construction of the Salem Creek Connector from SR 4326 (Rams Drive) to SR 4325 (Martin |

U-2925
43654
43670

Luther King, Jr. Drive) in Winston-Salem. This Supplemental Agreement is to expand the scope and increase the funding for the Project. For WBS 43654, the work will include architectural enhancements on the new US 52 bridge. The estimated cost is \$1,596,890. The Department will provide up to \$700,000 in Statewide Contingency funds. The Municipality will pay all costs that exceed the \$700,000. For WBS 43670, the work will include aesthetic enhancements for the Project. The estimated cost is \$1,590,000. The Department will provide up to \$1,272,000 in STPDA funds and \$50,000 in Statewide Contingency funds. The Municipality will be responsible for a local match of \$268,000 and all costs that exceed \$1,322,000.

City of Salisbury
SBBHAK, LLC
Rowan County
U-5820B
44392.3.2

This Project consists of the construction of a new multi-lane roadway from SR 1006 (Faith Rd) to US 52 (Innes St) in Salisbury. The Municipality and the Developer will be responsible for all phases of the Project. The Municipality shall reimburse the Developer for eligible costs related to the Project. The Department will reimburse the Municipality once funding is available in State Fiscal Year 2020 (July 1, 2019). The Department will be responsible for maintenance for one year after Project completion, after which the roadway will be turned over to the Municipality for maintenance.

City of Salisbury
Rowan County
C-4908G
44008.1.7
44008.2.7
44008.3.7

This Project consists of the construction of sidewalks along Jake Alexander Boulevard and Statesville Boulevard. This Supplemental Agreement modifies the scope of the Project to reduce the amount of sidewalk to be constructed; modifies the time frame for completion to February 2018; and clarifies provisions related to Department charges to the Project, right of way and contract proposal requirements.

Division 10

City of Concord
Cabarrus County
U-49010A and
U-4910B
40373.1.D2 and 40373.1.F3
40373.2.D1 and 40373.2.F2
40373.1.3 and 40373.3.F2

This Project consists of widening approximately 0.8 miles on SR 1445 (Derita Road) from SR 2894 (Concord Mills Boulevard) to Aviation Boulevard (U-4910A); and widening approximately 2.35 miles on SR 1445 (Derita Road) from Aviation Boulevard to SR 1394 (Poplar Tent Road) (U-4910B) in Concord. At the request of the Municipality, the Department shall include provisions in its construction contract for the construction of pedestrian facilities on or along SR 1445 (Derita Road). The Municipality shall be responsible for providing any non-federal match (20%) of total funds allocated for the Project: The estimated cost to the Municipality is \$4,050,000.

Division 12

Town of Mooresville
Iredell County

This Project consists of the intersection improvements at NC 801 and NC 150. The Municipality shall be responsible

C-5701
46446.2.1
46446.3.1

for all phases of the work. The Department shall reimburse the Municipality up to \$1,069,976 (79%) in CMAQ funds and the Municipality shall provide a local match of \$284,424 (21%). The Department will also reimburse up to \$650,000 in Bonus Allocation funds. The Municipality shall be responsible for all costs that exceed the total funding.

Division 13

Town of Spruce Pine
Mitchell County
SR-5001CJ
40924.3.86

This Project consists of grading, drainage, curb & gutter, and sidewalk from the end of existing sidewalk at Deyton Elementary School to the end of maintenance at Brad Ragan Park in Mitchell County. This Supplemental Agreement is to increase the Department's funding by \$30,000 in SAFETEA-LU funds to cover overruns, final estimate payout and repair seeding should it be needed.

City of Asheville
Buncombe County
I-5504
45552.3.FS1

This Project consists of improvements on I-26 at the NC 191 (Brevard Road) interchange; widen and reconstruct I-26 from east of Brevard Road to east of Pond Road. At the request of the Municipality, the Department will include provisions in its construction contract for the construction of approximately 5,750 feet of 5-ft sidewalk along both sides of Brevard Road within the Project limits, and four bus pads at locations designated by the Municipality. The estimated cost of the sidewalk and bus pads is \$143,846. The Municipality shall be responsible for a local match amount of \$58,218 (40%) of the funds allocated for the Project improvements.

Division 14

Town of Franklin
Macon County
B-5125
42241.3.2

This Project consists of improvements on Bridge No. 22 over Little Tennessee River on US-441 Business in Franklin. At the request of the Municipality, the Department shall also include betterments for a concrete vertical barrier and impact attenuator. The Municipality shall reimburse the Department 100% of the actual cost of the work associated with the construction of the betterments. The estimated cost to the Municipality is \$36,000.

SUMMARY: There are a total of 25 agreements for informational purposes only.

Division 1

NC Department of
Environmental Quality (NCDEQ)
Dare County
36249.3563

The Project consists of conducting Dredging in Hatteras Inlet. NCDEQ shall reimburse the Department one hundred percent (100%) of the actual cost of all work performed by the Department. The estimated Project cost is \$452,000.

Division 2

Town of Bath
Beaufort County

This Agreement is to allow Disaster Related Debris Removal by the Municipality during a State of Disaster or

Imminent Threat of Disaster and/or a State of Emergency. The Municipality shall remove and dispose of disaster related debris on all released State Routes. The Municipality shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Town of Pink Hill
Lenoir County

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

County of Pitt
48118

This Project consists of the construction of a new driveway for the Winterville Community Rural Fire Association on Mill Street in Pitt County. The County shall prepare the Project plans and shall construct and administer the Project. The Department shall reimburse the County up to \$25,000 for the work. Estimated costs are \$35,000.

Division 3

Tribute Investment &
Development, Inc.
New Hanover
36249.3561

This Project consists of a signal upgrade at US 421 (Carolina Beach Road) and Echo Farms Boulevard / George Anderson Drive. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost for the review and inspection work performed by the Department. The estimated reimbursement is \$5,000.

HT Fuel NC , LLC
New Hanover County
36249.3560

The Project consists a signal upgrade along US 421 (Carolina Beach Road) at SR 1581 (Manassas Drive) and Sharks Eye Lane to the Harris Teeter Fuel Station Development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost for the review and inspection work performed by the Department. The estimated reimbursement is \$10,000.

City of Wilmington
New Hanover County
SR-5001CL
40924.3.F88

This Project consists of the construction of sidewalks, pedestrian heads, high visibility crosswalks and ADA ramps on South 13th Street and Castle Street; and ADA ramps and high visibility crosswalks on Queen Street and South 10th Street. This Supplemental Agreement extends the completion date for the Project to March 31, 2018, in lieu of March 31, 2016.

Town of Calabash
Brunswick County
3.101015
3.201015

This Project consists of "routine" and/or "clean up" mowing, on various roadways in the Town of Calabash. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed \$3,722.38 for a maximum of six (6) mowing cycles per year.

Division 5

Plaza Associates, Inc.

This Project consists of the modification of the signal [05-

| | |
|--|--|
| Wake County 36249.3559 | 0195] at Glenwood Avenue and Crabtree Valley Mall Entrance in Raleigh. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost is \$5,000. |
| Research Triangle School Wake County 36249.3569 | This Project consists of traffic signal upgrade at Forestville Road and Foundation Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost is \$5,000. |
| Columbia Heritage, LLC Wake County 36249.3569 | This Project consists of traffic signal upgrade at Forestville Road and Foundation Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost is \$5,000. |
| Division 6 | |
| Rooms to Go Distribution Company, LLC Harnett County 36249.3558 | The Project consists of the design, fabrication and installation of two directional signs on SR 1808 (Jonesboro Road) at the terminus of I-95 Ramps (Exit 75) and one directional sign on SR 1808 (Jonesboro Road) at Saddlebreed Road. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost is \$1,500. |
| NC Fayetteville Skibo, LLC Cumberland County 36249.3566 | This Project consists of traffic signal review and inspection for the traffic signal on US 401 Bypass (Skibo Road), SR 1400 (Cliffdale Road), installation of turn lanes at both locations and roadway improvements. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$20,000. |
| Division 7 | |
| Town of Jamestown Guilford County EB-5519 50035.3.1 | This Project consists of construction of approximately 3,150 feet of multi-use greenway along East Main Street between Yorkleigh Lane and the existing sidewalk east of Teague Drive in Jamestown, Guilford County. This Supplemental Agreement extends the completion date for the Project to September 28, 2018 in lieu of April 30, 2016. |
| Town of Yanceyville Caswell County 3607.3.18 | This Project consists of sidewalk improvements along NC 62 (East Main Street) on the south side from the driveway at Bartlett Yancey High School to NC 62 South. The Department shall be responsible for all phases of the |

Project. The estimated cost of the work is \$55,000. The Municipality shall assume maintenance of the sidewalk upon completion of the Project.

Town of Gibsonville
Guilford County
3607.3.17

This Project consists of sidewalk improvements along NC 100 (East Main Street) on the west side from SR 2752 (Bethel Street) to West Steele Street. The Department shall be responsible for all phases of the Project. The estimated cost of the work is \$60,000. The Municipality shall assume maintenance of the sidewalk upon completion of the Project.

Division 8

City of Sanford
Lee County
3608.3.11

This Project consists of construction of concrete sidewalk along US 421/NC 42 and the addition of a pedestrian signal at the intersection of US 421/NC 42 and SR 1107 (Fields Drive) in Sanford. This Supplemental Agreement extends the completion date for the Project to June 30, 2016 in lieu of December 11, 2015.

County of Randolph
36249.3565

This Project consists of the fabricating, delivering, and installing "WELCOME TO RANDOLPH COUNTY" signs at various locations along major highways and interstates entering Randolph County. The County shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$40,113.

Division 9

Barclay Group
Forsyth County
50080.1.1

This Project consists of roadway improvements required by NCDOT and the Town of Kernersville from the Developer. Improvements include an additional turn lanes on South Main Street at Old Winston Road. Out-Parcel 3, and Cherry Street in Kernersville. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of all work performed by the Department, including administrative costs. The estimated cost is \$260,000.

County of Rowan
36249.3570

This Project consists of the installation of two "Welcome to Rowan County" signs with two supplemental plaques "Home of Dan Nicholas Park" and "Home of 2015 Girls Little League World Series Champions". The County shall reimburse the Department one hundred percent (100%) of the actual cost of work performed by the Department. The estimated reimbursement is \$5,500.

Town of Denton
Davidson County
36248.427

This Agreement is to provide reimbursement to NCDOT from Municipal Powell Bill funds for maintenance work performed in the Town of Denton as needed.

Division 10

City of Charlotte
Mecklenburg County

This Project consists of the construction of sidewalk on the southeast side of South Tryon Street between Queen Anne

C-5542
51012.1.1
51012.2.1
51012.3.1

Drive and Nations Ford Road. This Supplemental Agreement modifies the completion date of the Project to March 27, 2018 in lieu of June 30, 2016.

CalAtlantic Homes
Mecklenburg County
36249.3562

This Project consists of a signal upgrade at the intersection of NC 73 and Bradford Park Entrance/New Development Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost is \$5,000.

JMS Poplar, LLC
Cabarrus County
36249.3567

This Project consists of a signal upgrade at the intersection of George W. Liles Parkway (SR 1430) and Poplar Crossing Drive/Coddle Market Drive. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the review and inspection work performed by the Department. The estimated reimbursement is \$5,000.

Division 14

Transylvania County and
Little River Fire Department
44406

This Project consists of paving the Little River Fire Department driveway access to US 64 near Penrose in Transylvania County. The County and/or Fire Department will prepare the Project plans and shall construct and administer the Project. The Department shall reimburse the County up to \$25,000 for the work.

Approval – Preliminary Right of Way Plans

A motion was made by Board Member Fountain, seconded by Board Member Tulloss, 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 4)

Johnston County; I.D. No. U-3334B; Project No. 34929.2.6:

SR 1923 Extension (Booker Dairy Road) from SR 1003 ((Buffalo Road) to US 301

Nash County; I.D. No. U-3621A; Project No. 34964.3.2:

SR 1604 (Hunter Hill Road) from SR 1613 (North Winstead Avenue) to SR 1616 (Country Club Road)

Wilson County; I.D. No. W-5204C; Project No. 45334.2.FR3:

NC 42 from SR 1500 (Bullard Court) to SR 1502 (Tartt's Mill Road)

(Division 11)

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

US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21

(Division 14)

Polk County; I.D. No. R-5756; Project No. 46441.2.1:

Realignment of SR 1326 (Pea Ridge Road) and John Sheehan Road and construction of a roundabout at the intersection with US 74

PRELIMINARY RIGHT OF WAY PLANS

5 PROJECT(S)

\$0.00

Approval - Final Right of Way Plans

A motion was made by Board Member Fountain, seconded by Board Member Tulloss, 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 6)

Project No. 45336.2.39; Cumberland County; I.D. No. W-5206AM:

Signals, construct directional crossover, construct median and pavement markings on NC 24/NC 87 - from Barrington Cross Street to East of Martin Luther King Westbound Ramps; and NC 24/NC 210 (Rowan Street) between Ray Avenue and Ramsey Street with the right of way indicated upon the final plans for said project.

(Division 7)

Project No. 46056.2.FD1; Alamance County; I.D. No. B-5342:

Grading, drainage, paving and structure on Bridge No. 169 over Gum Creek on SR 1148 (Anthony Road) with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 33507.3.1; Jackson County; I.D. No. B-4159:

Grading, drainage, paving, structure and signals on Bridge No. 108 over Tuckasegee River on SR 1002 with the right of way indicated upon the final plans for said project.

Project No. 34428.2.FR3; Transylvania County; I.D. No. R-2409C:

Grading, drainage, paving and retaining wall on US 64 from Lake Toxaway to Indian Creek with the right of way indicated upon the final plans for said project.

| | | |
|---------------------------------|---------------------|---------------|
| FINAL RIGHT OF WAY PLANS | 4 PROJECT(S) | \$0.00 |
|---------------------------------|---------------------|---------------|

Approval - Revisions of the Final Right of Way Plans

A motion was made by Board Member Fountain, seconded by Board Member Tulloss, 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. 34442.2.4; I.D. No. R-2514C; Jones County:

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) 12 as presented at the December 3, 2015 Board of Transportation Meeting.

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

Final Right of Way plans approved on the minutes of the December 4, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 15 as presented at the December 3, 2015 Board of Transportation Meeting.

(Division 5)

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

Final Right of Way plans approved on the minutes of the November 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 22 as presented at the December 3, 2015 Board of Transportation Meeting.

REVISION FINAL ROW PLANS

3 PROJECT(S)

\$0.00

Approval of conveyance of Highway Right of Way Residues

A motion was made by Board Member Fountain, seconded by Board Member Tulloss, to approve the following:

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

(Division 6)

**Project 8.2326102, Parcel 007, Martin Luther King, Jr. Freeway
Cumberland County**

Conveyance of an approximate 0.426-acre residue area to the City of Fayetteville as part settlement for no monetary consideration.

(Division 7)

**Project 34483.2.3, Parcel R-2612B 025, US 421 at SR 3418 (Neeley Road)
Guilford County**

Conveyance of an approximate 0.641-acre residue area to Clyde Bailey, Jr. and Brenda C. Bailey for the high bid amount of \$505.00.

(Division 10)

**Project 8.1674001, Parcel B-3003 042, Bridge 108 over Norfolk Southern on US 29/NC 49 (Graham Street) in Charlotte
Mecklenburg County**

Conveyance of an approximate 0.188-acre residue area to Muhammad Development Group, Incorporated for the high bid amount of \$20,250.00.

(Division 11)

**Project 8.1750501, Parcel K-1003 001, Boone Visitor Center along US 321
Watauga County**

Conveyance of an approximate 1.102-acre residue area to Watauga Retail LLC for the high bid amount of \$1,342,500.00.

**Project 36001.2.1, Parcel R-2603 090, NC 268 from Multi-Lanes East of NC 18 to SR 1966 (Airport Road)
Wilkes County**

Conveyance of an approximate 0.145-acre residue area to Steven L. Johnson and wife, Rebecca Triplett-Johnson; and Alan Johnson and wife, Treva R. Johnson as part settlement for the appraised value of \$200.00.

**Project 34518.2.FR1, Parcel R-2915A 049, US 221 from US 421 to SR 1003 (Idlewild Road) in Ashe County
Ashe County**

Conveyance of an approximate 0.575-acre residue area to Timothy A. Miller and wife, Stephanie L. Foster-Miller as part settlement for the appraised value of \$4,375.00.

**Project 34518.2.FR1, Parcels R-2915A 068 and 068A, US 221 from US 421 to SR 1003 (Idlewild Road) in Ashe County
Ashe County**

Conveyance of an approximate, combined 0.998-acre residue area to Robert W. Wagner and wife, Teresa M. Wagner as part settlement for the appraised value of \$16,245.00.

CONVEYANCE ROW RESIDUE 7 PROJECT(S) \$1,384,075.00

Approval of conveyance of Surplus Highway Right of Way

A motion was made by Board Member Fountain, seconded by Board Member Tulloss, to approve the following:

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

(Division 10)

**Project 34410.2.25, Parcel R-2248E 111, I-485 (Charlotte Outer Loop) from East of NC 115 (Old Statesville Road) to I-85 North
Mecklenburg County**

Abandonment of an approximate 0.058-acre permanent drainage easement area to Highland Creek Retail, LLC for no monetary consideration.

**Project 8.T671005, Parcel U-0209C 063, US 74 (Independence Blvd) in Charlotte
Mecklenburg County**

Abandonment of an approximate 0.059-acre surplus right of way area to WB Commonwealth, LLC for no monetary consideration.

CONVEYANCE OF SURPLUS RIGHT OF WAY 2 PROJECT(S) \$0.00

Approval of Permanent Utility Easement Assignment

A motion was made by Board Member Fountain, seconded by Board Member Tulloss, to approve the following:

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

(Division 14)

Project 8.3019114, Parcel 001, US 19/74/129 near SR 1326 (Jackson Street) in Murphy Cherokee County

Abandonment of an approximate 0.330-acre surplus right of way area to Michael Thomas Mauldin for no monetary consideration.

CONVEYANCE OF SURPLUS RIGHT OF WAY 1 PROJECT(S) \$0.00
Award of Contracts to Private Firms for Engineering Services Right of Way Branch

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to perform asbestos inspections, abatement, and structure clearings for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private firms in accordance with the rules and regulations adopted by the Board on April 7, 2005.

STATEWIDE:

- (1) Projects: Various
Firm: 4 Seasons Site and Demo, Inc., Wilmington, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 0%
- (2) Projects: Various
Firm: A1 Consulting Group, Inc., Morrisville, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (3) Projects: Various
Firm: Abatemaster, Inc., Winston-Salem, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (4) Projects: Various
Firm: Abatement Technology and Construction Solutions,
Tobaccoville, NC
Engineering Fee: \$3,000,000.00

- DBE Utilization: 100%
- (5) Projects: Various
 Firm: Allied Contract Group, Charlotte, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%
- (6) Projects: Various
 Firm: Carolina Envirotech Inc., Mooresville, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%
- (7) Projects: Various
 Firm: Clement Construction Corporation,
 Winston-Salem, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 100%
- (8) Projects: Various
 Firm: Contaminant Control, Inc., Fayetteville, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%
- (9) Projects: Various
 Firm: D.H. Griffin Wrecking Company Inc., Greensboro, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%
- (10) Projects: Various
 Firm: Double D Trucking, Inc., Winston-Salem, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 100%
- (11) Projects: Various
 Firm: Eastern Environmental, Inc., Hampstead, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%
- (12) Projects: Various
 Firm: Enpuricon, Inc., Apex, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%
- (13) Projects: Various
 Firm: Enviro Assessments East, Inc., Dover, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 100%
- (14) Projects: Various
 Firm: Get the Lead Out, Charlotte, NC

- Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (15) Projects: Various
Firm: High Point Builders, LLC., Archdale, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (16) Projects: Various
Firm: Janezic Building Group, LLC, Raleigh, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (17) Projects: Various
Firm: Jones Grading & Fencing, Inc., Charlotte, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (18) Projects: Various
Firm: MBH Enterprises, Inc., Rural Hall, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 0%
- (19) Projects: Various
Firm: Marley Trucking & Demolition, Inc., Asheboro, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (20) Projects: Various
Firm: Mitch Contracting Company, Inc.
Engineering Fee: \$3,000,000.00
DBE Utilization: 0%
- (21) Projects: Various
Firm: Nehemiah Builders, Inc., Raleigh, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (22) Projects: Various
Firm: NEO Corporation, Waynesville, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 0%
- (23) Projects: Various
Firm: Premier Design Builders, Inc., Kernersville, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (24) Projects: Various

Firm: T & T Abatement, Wallburg, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%

(25) Projects: Various
Firm: Tierney Commercial Construction, LLC., Goldsboro, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%

(26) Projects: Various
Firm: Vistabution, LLC, Raleigh, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%

(27) Projects: Various
Firm: W.C. Black and Sons, Inc., Charlotte, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%

(28) Projects: Various
Firm: W&W Trucking & Demolition Services, LLC. Winston-Salem, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%

APPROVAL OF CONTRACTS PRIVATE FIRMS 28 PROJECTS \$84,000,000.00

R-ITEM SUMMARY 48 PROJECT(S) TOTAL: \$85,384,075.00

Approval – Chowan County Comprehensive Transportation Plan

The Transportation Planning Branch has worked cooperatively with Chowan County on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Chowan County on October 19, 2015 and the Town of Edenton on October 26, 2015. The Albemarle RPO endorsed the plan on October 21, 2015.

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

https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=ChowanCounty

The Transportation Planning Branch recommends the mutual adoption of the Chowan County Comprehensive Transportation. A motion was made by Board Member Sheehan, seconded by Board Member Tulloss, to approve.

RESOLUTION FOR MARTIN GAMBILL

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

WHEREAS, Martin Gambill was born in Culpepper, Virginia in 1750, to an Irish immigrant family and ultimately settled in what later became Ashe County; and

WHEREAS, Martin Gambill was involved in the delivery of vital information during the Revolutionary War. He volunteered for the very risky task of leaving Watauga County on September 18, 1780 and riding over 100 miles in 24 hours alerting frontiersman along the way that all the militias of the Over-Mountain Men were to meet in one week at Sycamore Shoals; and

WHEREAS, Martin Gambill arrived at Colonel Campbell's headquarters on September 19, 1780 and the ride allowed Campbell's and other militias to march to Sycamore Shoals and ultimately ensured American victory in the Revolutionary War; and

WHEREAS, Martin Gambill's ride was a remarkable feat that allowed the Over-Mountain Men to play a pivotal role in the final battles of the American Revolution and earned him the rank of First Lieutenant; and

WHEREAS, Martin Gambill was elected in 1810 to the North Carolina Senate and later to local offices including sheriff, and he also served in the Indian War with the Cherokees; and

WHEREAS, a play of Martin Gambill's brave actions, *The Mountain in Us*, was written by Jim Gambill of Wilkes County and performed from the Ashe Civic Center. In addition, an interpreted portrait of Martin Gambill adorns the entry hall of the Museum of Ashe County History in the 1904 courthouse; and

WHEREAS, the Alleghany County Board of Commissioners wishes to name a newly constructed bridge in honor of Martin Gambill.


NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the bridge on Farmers Fish Camp Road over the New River in Alleghany County as the ***Martin Gambill Bridge***.

That appropriate signs be erected at a suitable time.

Adopted, this the third day of December 2015 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

Committee Reports

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

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

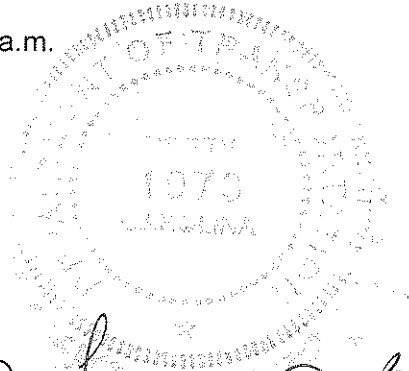
Chairman Curran – Chair of the Road Naming Committee, provided an update.

Chairman Curran – Audit Committee, provided an update.

Other Business


Adjournment

There being no further business to come before the Board, the meeting was adjourned at 9:29 a.m.





Chairman,
North Carolina Board of Transportation

Attest: 

Secretary to the Board of Transportation

Dated this 7th day of January, 2016