



**MEETING AGENDA**  
**Monthly Meeting of the North Carolina Board of Transportation**  
 1 South Wilmington Street Raleigh, North Carolina 27601  
**January 6-7, 2016**

**WEDNESDAY, JANUARY 6, 2016**

**10:00AM – 12:00PM**

Multi-Modal Committee	EIC
Highway Committee	Room 150

**12:00PM                    LUNCH IS AVAILABLE**

**12:00PM – 12:15PM        BREAK**

**12:15PM                                    Working Lunch – Full Board Attendance                                    Room 150**

<ul style="list-style-type: none"> <li>• Overview Federal Surface Reauthorization Act (FAST)</li> </ul>	Bud Wright, Executive Director AASHTO
<ul style="list-style-type: none"> <li>• Chief Financial Officer Update</li> </ul>	Kim Padfield
<ul style="list-style-type: none"> <li>• Strategic Safety Project Program</li> </ul>	Kevin Lacy

**1:15PM – 1:30PM        BREAK**

**1:30PM – 2:00PM**

Audit Committee	Room 160
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**2:00 – 3:30PM**

Funding Appropriations and Strategies Committee / Economic Development & Intergovernmental Relations Committee	Room 150
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NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

- Call to Order Chairman Curran
- Invocation Ferrell Blount
- Ethics Declaration Chairman Curran
- Approval of December Board Meeting Minutes Chairman Curran
- Secretary’s Remarks Secretary Tennyson
- Approval of Projects (Item N – TIP Amendments) Chairman Curran

INFORMATION AND DELEGATED AUTHORITY

- (Item C) Award of Highway Construction Contracts
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Approval of Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) Approval of Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development,
- (Item L) Approval of Funds for Specific Spot Safety Improvement Projects

Division 7 Update  
 Product Evaluation Program: Awareness Update / New Products

Cheryl McQueary  
 Jimmy Travis  
 Jessica Kuse

ACTION

Chairman Curran

**Approval of Projects**

- (Item G) Additions and Abandonments to State Secondary Road System
- (Item I) Public Transportation Program
  - (Item I-1) Public Transportation
  - (Item I-2) Rail Program
  - (Item I-3) Bicycle and Pedestrian
  - (Item I-4) Aviation
- (Item J) Specific State Funds for Construction Projects
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item O) Municipal and Special Agreements
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Recommended Allocation of Highway Maintenance Appropriations  
 Fiscal Year 2015 – 2016 Supplemental Allocation

Committee Reports

Chairman Curran

Other Business

Adjourn

**PROJECTS LIST**  
**NORTH CAROLINA BOARD OF TRANSPORTATION**  
**RALEIGH, NORTH CAROLINA**  
**January 6-7, 2016**

Delegated Authority ..... Secretary Tennyson

- (Item C) Award of Highway Construction Contracts from June 16, 2015 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects –  
Highway Fund and Highway Trust Fund
- (Item H) Funds for Division-wide Small Construction,  
Statewide Contingency, Public Access, and Economic Development
- (Item L) Funds for Specific Spot Safety Improvement Projects

Action ..... Chairman Curran

- (Item G) Additions, Abandonments, and Road Name Changes to State  
Secondary Road System
- (Item I) Public Transportation Program
  - (Item I-1) Public Transportation
  - (Item I-2) Rail Program
  - (Item I-3) Bicycle and Pedestrian
  - (Item I-4) Aviation
- (Item J) Specific State Funds for Construction Projects
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2016-2025 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations
- (Item T) Submission of Comprehensive Transportation Plans for Mutual  
Adoption by the Board of Transportation

# **NCDOT Board of Transportation Agenda**

## **ITEM C**

### **December 2015**

**According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award the following highway construction projects.**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
DECEMBER 15, 2015  
DIVISION 00001

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C203795  
2016CPT.01.03.10081.1, 2016CPT.01.03.10461.1, 2016CPT.01.03.10581.1  
STATE FUNDED  
BERTIE, HERTFORD, MARTIN

PROPOSAL LENGTH 22.610 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION US-17 BYPASS FROM US-13 TO US-17, NC-42 FROM NC-11 TO AHOSKIE CREEK BRIDGE,  
NC-125 FROM NC-903 TO HALIFAX COUNTY.

EST CONST PROGRESS.... FY-2016..30% OF BID  
FY-2017..70% OF BID

RPN 001 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%  
ESTIMATE 4,698,042.77

DATE AVAILABLE APR 04 2016

FINAL COMPLETION MAY 30 2017

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	4,426,411.70	-5.8
ROSE BROTHERS PAVING CO INC AHOSKIE, NC	5,112,018.90	+8.8

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
DECEMBER 15, 2015  
DIVISION 00001

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C203794  
2016CPT.01.04.10281.1, 2016CPT.01.04.10481.1  
STATE FUNDED  
DARE, HYDE

PROPOSAL LENGTH 47.250 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 3 SECTIONS OF US-264 AND 2 SECTIONS OF NC-12.

EST CONST PROGRESS.... FY-2016..30% OF BID  
FY-2017..70% OF BID

RPN 002 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%  
ESTIMATE 7,736,071.00

DATE AVAILABLE APR 04 2016

INTER COMPLETION MAY 25 2016 SHOULD WORK BEGIN ON MAP #1, COMPLETE PAVING OF MILLED  
SECTIONS AND INSTALLATION OF MARKINGS & MARKERS

FINAL COMPLETION MAY 30 2017

	\$ TOTALS	% DIFF
RPC CONTRACTING INC KITTY HAWK, NC	7,428,217.60	-4.0
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	7,534,483.00	-2.6

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
DECEMBER 15, 2015  
DIVISION 00006

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C203719  
45336.3.39  
HSIP-0024(67)  
CUMBERLAND  
W-5206AM

PROPOSAL LENGTH 2.065 MILES

TYPE OF WORK GRADING, PAVING, DRAINAGE, AND SIGNALS.

LOCATION NC-24/87 FROM BARRINGTON CROSS ST TO EAST OF MLK WESTBOUND RAMPS; &  
NC-24/210 (ROWAN ST) BETWEEN RAY AVE AND RAMSEY ST.

EST CONST PROGRESS.... FY-2016..57% OF BID  
FY-2017..43% OF BID

RPN 003 2 BIDDER(S) DBE GOAL 12.00 %

ESTIMATE 2,647,642.40

DATE AVAILABLE APR 01 2016

INTER COMPLETION NOV 01 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 01 2017

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	3,381,150.92	+27.7
HIGHLAND PAVING COMPANY LLC FAYETTEVILLE, NC	3,392,000.00	+28.1

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
DECEMBER 15, 2015  
DIVISION 00006

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C203655  
45849.3.FR1  
HSIP-095-2(128)46  
CUMBERLAND  
W-5519

PROPOSAL LENGTH 3.681 MILES

TYPE OF WORK GRADING, DRAINAGE, AND PAVING.

LOCATION I-95 BUS/US-301 FROM NC-87 SOUTH TO NC-59.

EST CONST PROGRESS.... FY-2016..34% OF BID  
FY-2017..57% OF BID  
FY-2018..09% OF BID

RPN 004 2 BIDDER(S) DBE GOAL 14.00 %  
ESTIMATE 7,341,816.34

DATE AVAILABLE JAN 25 2016

INTER COMPLETION OCT 15 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 12 2018

	\$ TOTALS	% DIFF
HIGHLAND PAVING COMPANY LLC FAYETTEVILLE, NC	8,359,869.87	+13.9
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	8,378,973.07	+14.1

HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 DECEMBER 15, 2015  
 DIVISION 00007

C203660  
 46056.3.2  
 STATE FUNDED  
 ALAMANCE  
 B-5342

PROPOSAL LENGTH 0.076 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #169 OVER GUM CREEK ON SR-1148 (ANTHONY RD).

EST CONST PROGRESS.... FY-2016..74% OF BID  
 FY-2017..26% OF BID

RPN 005                      12 BIDDER(S)              MBE GOAL 3.00 %              WBE GOAL 4.00%  
ESTIMATE 614,637.70

DATE AVAILABLE              APR 01 2016 THRU JUN 01 2016

INTER COMPLETION              COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT  
 VEGETATION ESTABLISHMENT 150 DAYS AFTER START DATE

FINAL COMPLETION              330 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	516,449.10	-16.0
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	525,131.55	-14.6
EASTERN STRUCTURES LLC MOCKSVILLE, NC	530,296.52	-13.7
KEYSTONE CONTRACTING CO., INC GRIFTON, NC	561,256.00	-8.7
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	569,819.31	-7.3
SANFORD CONTRACTORS, INC. SANFORD, NC	588,500.00	-4.3
DANE CONSTRUCTION, INC. MOORESVILLE, NC	588,805.58	-4.2
COUNTRY BOY LANDSCAPING INC HARMONY, NC	596,444.44	-3.0
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	617,907.75	+0.5
DELLINGER, INC. MONROE, NC	622,994.40	+1.4
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	629,800.00	+2.5
HAYMES BROTHERS, INC. CHATHAM, VA	725,542.10	+18.0

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
DECEMBER 15, 2015  
DIVISION 00014

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C203656  
33313.3.FD1  
BRZ-1456(6)  
MACON  
B-3868

PROPOSAL LENGTH 0.217 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING AND STRUCTURE.

LOCATION BRIDGE #172 OVER LITTLE TENNESSEE RIVER ON SR-1456.

EST CONST PROGRESS.... FY-2016..37% OF BID  
FY-2017..57% OF BID  
FY-2018..06% OF BID

RPN 006 8 BIDDER(S) DBE GOAL 3.00 %  
ESTIMATE 3,051,472.46

DATE AVAILABLE JAN 25 2016

INTER COMPLETION SEP 15 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 14 2018

	\$ TOTALS	% DIFF
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	2,803,477.67	-8.1
BUCKEYE BRIDGE, LLC CANTON, NC	2,884,799.02	-5.5
OWLE CONSTRUCTION, LLC WHITTIER, NC	2,925,319.77	-4.1
BELL & ASSOCIATES CONSTRUCTION LP BRENTWOOD, TN	3,159,117.20	+3.5
SIMPSON CONSTRUCTION CO., INC. CLEVELAND, TN	3,199,070.25	+4.8
DANE CONSTRUCTION, INC. MOORESVILLE, NC	3,499,239.33	+14.7
GLF CONSTRUCTION CORPORATION MIAMI, FL	3,817,359.00	+25.1
CHARLES BLALOCK & SONS, INC. SEVIERVILLE, TN	4,057,211.24	+33.0

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
DECEMBER 15, 2015  
DIVISION 00014

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C203498  
33507.2.FD1  
BRZ-1002(13)  
JACKSON  
B-4159

PROPOSAL LENGTH 0.294 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

LOCATION BRIDGE #108 OVER TUCKASEGEE RIVER ON SR-1002.

EST CONST PROGRESS.... FY-2016..22% OF BID  
FY-2017..43% OF BID  
FY-2018..28% OF BID  
FY-2019..07% OF BID

RPN 007 8 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 6,759,238.81

DATE AVAILABLE JAN 25 2016  
INTER COMPLETION NOV 15 2018 COMPLETE ALL WORK EXCEPT PLANTING REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT  
FINAL COMPLETION MAY 14 2019

	\$ TOTALS	% DIFF
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	6,587,787.58	-2.5
BUCHANAN AND SONS INC WHITTIER, NC	6,601,690.06	-2.3
CHARLES BLALOCK & SONS, INC. SEVIERVILLE, TN	7,146,171.76	+5.7
BELL & ASSOCIATES CONSTRUCTION LP BRENTWOOD, TN	7,230,326.85	+7.0
BUCKEYE BRIDGE, LLC CANTON, NC	7,488,771.34	+10.8
GLF CONSTRUCTION CORPORATION MIAMI, FL	7,723,931.80	+14.3
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	8,218,095.80	+21.6
DANE CONSTRUCTION, INC. MOORESVILLE, NC	9,080,303.40	+34.3

HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 DECEMBER 15, 2015  
 DIVISION 00014

C202582  
 34428.3.FR4  
 HPP-0064(115)  
 TRANSYLVANIA  
 R-2409C

PROPOSAL LENGTH    1.268    MILES  
 TYPE OF WORK    GRADING, DRAINAGE, PAVING, AND RETAINING WALLS.  
 LOCATION            US-64 FROM LAKE TOXAWAY TO INDIAN CREEK.

EST CONST PROGRESS.... FY-2016..25% OF BID  
 FY-2017..46% OF BID  
 FY-2018..28% OF BID  
 FY-2019..01% OF BID

RPN 008                            9 BIDDER(S)            DBE GOAL    11.00 %  
ESTIMATE 11,779,409.46

DATE AVAILABLE            JAN 25 2016  
 INTER COMPLETION        AUG 01 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR  
 PERMANENT VEGETATION ESTABLISHMENT  
 FINAL COMPLETION        JAN 28 2019

	\$ TOTALS	% DIFF
GLF CONSTRUCTION CORPORATION MIAMI, FL	12,186,633.00	+3.5
VECELLIO & GROGAN INC BECKLEY, WV	12,243,844.90	+3.9
CHARLES BLALOCK & SONS, INC. SEVIERVILLE, TN	12,366,670.46	+5.0
BUCHANAN AND SONS INC WHITTIER, NC	13,514,702.80	+14.7
CHEROKEE ENTERPRISES, INC. CHEROKEE, NC	13,577,024.02	+15.3
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	13,828,252.88	+17.4
KANAWHA STONE CO., INC. KANAWHA STONE COMPANY, INC. NITRO, WV	14,564,746.01	+23.6
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	14,872,773.45	+26.3
BAKER'S CONSTRUCTION SERVICES, INC. PINEY FLATS, TN	15,898,374.89	+35.0

	ESTIMATE TOTAL	44,628,330.94
	LETTING TOTAL	45,689,997.44    +2.4

NCDOT January 2016  
Board of Transportation Agenda

According to Executive Order No. 2 and G. S. 143B-350 (g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award contracts to private firms for engineering services.

**Professional Services Management**

**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 2**

Project:	46015.1.1 (B-5301) Pitt County Bridge 87 over the Norfolk Southern Railroad on NC 33
Scope of Work:	Roadway Design
Estimated Construction Cost:	\$1,950,000.00
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Original Engineering Fee:	\$ 42,254.47
Previous Supplemental Fee:	\$ 22,063.45
Supplemental Fee:	\$ 5,754.82
Supplemental Work:	Additional Roadway Design work
DBE/WBE/SPSF Utilization:	100%

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

**DIVISION 13**

Project:	32573.1.9 (A-10A) Buncombe County I-26 (US 19/23) from I-240 in Asheville to south of SR 2148 (Stockton Branch Road)
Scope of Work:	Preparation of environmental documents and preliminary design
Estimated Construction Cost:	\$188,000,000.00
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC (formerly URS Corporation – North Carolina)
Original Engineering Fee:	\$1,250,000.00
Supplemental Fee:	\$ 750,000.00
Supplemental Work:	Completion of tasks CP2A through the FONSI
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. (formerly The Catena Group, Inc.) \$37,500.00 5%

January 7, 2016

## 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 a private firm to complete U-4715B Asheville 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 13

Project:	39079.1.2 (U-4715B) Buncombe County Asheville Citywide Signal Improvements
Scope of Work:	Detailed Plans, Specifications, and an Engineer's Estimate for the Asheville Computerized Traffic Signal System
Estimated Construction Cost:	\$12,100,000.00
Firm:	Atkins North America, Inc., Raleigh, NC
Maximum Engineering Fee:	\$ 1,244,903.62
SPSF Utilization:	Mattern & Craig, Inc. \$173,658.94 14%

## Field Support

### 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 Specialty Services (Structure Durability Analysis/Condition Assessment, Non Destructive Testing & Evaluation, Structure Health Monitoring, Bridge Painting QA/QC) 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

Description of Work:	2015 Structures Management Specialty Services
Firm:	GS Engineering Services, Inc., Houghton, MI
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2015 Structures Management Specialty Services
Firm:	Boyle Consulting Engineers, PLLC, Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

January 7, 2016

Description of Work:	2015 Structures Management Specialty Services
Firm:	Siva Corrosion Services, Inc., West Chester, PA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2015 Structures Management Specialty Services
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2015 Structures Management Specialty Services
Firm:	S&ME, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2015 Structures Management Specialty Services
Firm:	WSP USA Corp., Cary, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	0%
Description of Work:	2015 Structures Management Specialty Services
Firm:	Wiss, Janney, Elstner Associates, Inc., Northbrook, IL
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	0%
Description of Work:	2015 Structures Management Specialty Services
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2015 Structures Management Specialty Services
Firm:	SIMCO Technologies, Inc., Quebec, Canada
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2015 Structures Management Specialty Services
Firm:	Greenman-Pedersen, Inc., Scranton, PA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%

Description of Work: 2015 Structures Management Specialty Services  
Firm: Stantec Consulting Services, Inc., Raleigh, NC  
Maximum Engineering Fee: \$2,000,000.00  
SPSF Utilization: 0%

Description of Work: 2015 Structures Management Specialty Services  
Firm: AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC  
Maximum Engineering Fee: \$1,000,000.00  
SPSF Utilization: 0%

Description of Work: 2015 Structures Management Specialty Services  
Firm: SEPI Engineering & Construction, Inc., Raleigh, NC  
Maximum Engineering Fee: \$1,000,000.00  
SPSF Utilization: 0%

Description of Work: 2015 Structures Management Specialty Services  
Firm: Gannett Fleming, Inc., Raleigh, NC  
Maximum Engineering Fee: \$1,000,000.00  
SPSF Utilization: 0%

### Planning and Programming

#### Transportation Planning

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

#### STATEWIDE

Description of Work: 2013 Travel Demand Modeling LSC  
Firm: Parsons Brinckerhoff, Inc., Raleigh, NC  
Original Engineering Fee: \$1,000,000.00  
Supplemental Fee: \$ 0.00 1-year time extension only  
SPSF Utilization: 0%

Description of Work: 2013 Travel Demand Modeling LSC  
Firm: Kimley-Horn & Associates, Inc., Raleigh, NC  
Original Engineering Fee: \$1,000,000.00  
Supplemental Fee: \$ 0.00 1-year time extension only  
SPSF Utilization: 0%

Description of Work: 2013 Travel Demand Modeling LSC  
Firm: CDM Smith, Inc., Raleigh, NC  
Original Engineering Fee: \$1,000,000.00  
Supplemental Fee: \$ 0.00 1-year time extension only  
SPSF Utilization: 0%

Description of work: 2012 Traffic Forecasting LSC  
Firm: RS&H Architects-Engineers-Planners, Inc.,  
Charlotte, NC  
Original Engineering Fee: \$500,000.00  
Previous Supplemental Fee: \$500,000.00  
Supplemental Fee: \$150,000.00  
SPSF Utilization: Clearbox Forecast Group, PLLC \$37,500.00  
25%

### Information Technology

#### Geographic Information Systems (GIS)

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 2015 GIS Support for Transportation Legislative Initiatives on an as needed basis for various federal-aid and state funded projects to support the Geographic Information Systems (GIS) Unit. These contracts will expire one (1) year; with two (2) one-year extensions possible after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

#### STATEWIDE

Description of Work: 2015 GIS Support for Transportation  
Legislative Initiatives  
Firm: Arcadis G&M of North Carolina, Inc., Raleigh,  
NC  
Maximum Engineering Fee: \$250,000.00  
SPSF Utilization: 0%

**NCDOT January 2016 Board of Transportation Agenda**

According to G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for secondary road improvement projects.

**Secondary Road Improvement Projects (Highway and Trust Funds)**

**Closings**

Division	County	WBS Element	Road Number / Name	Amount
Div. 11	Caldwell	11C.014085	GDB&P. SR 1515A Walsh Road. Increase and Close.	\$12,462.46
Div. 13	McDowell	13C.059086	Upgrade to Maintenance Standards. Increase & Close.	\$4,247.34

**Deletions**

County	SR No.	Reason	Amount
Ashe Div. 11	SR 1588 Bill Bledsoe Road	GDB&P. Unavailable Right of Way. WBS 11C.005152	-\$358,826.76

**January 2016 Item E Summary:**

<b>0</b>	<b>Projects to Increase Funds</b>	<b>Amount:</b>	<b>\$0.00</b>
<b>2</b>	<b>Projects to Increase and Close</b>	<b>Amount:</b>	<b>\$16,709.80</b>
<b>1</b>	<b>Projects to Delete</b>	<b>Amount:</b>	<b>\$358,826.76</b>

## NCDOT January 2016 Board of Transportation Agenda

### Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 1</b>				
Currituck	50965		<b>Baxter's Lane Estate Subdivision</b>	10/9/15
		0.27	Arrow Head Lane	
		0.27	Little Acorn Trail	
Dare	50966		<b>Cliffs of Colington Subdivision</b>	10/9/15
		0.05	Colington Ridge	
		0.38	Cliffs of Colington Trail	
		0.05	Colington Lane	
		0.04	Colington Court	
		0.10	Colington Woods Trail	
Pasquotank	50967		<b>Equestrian Estates Subdivision</b>	10/9/15
		0.19	Palomino Court	
		0.14	Austurian Lane	
		0.46	Cayuse Way	
Perquimans	50968		<b>Deep Creek Shores Subdivision</b>	9/1/15
		1.36	See View Lane	
<b>Division 2</b>				
Craven	50969	0.06	Galloway Road	12/7/15
<b>Division 3</b>				
Onslow	50970		<b>Tallpines of New River Subdivision</b>	11/17/15
		0.32	Kenna Court	
Pender	50971		<b>Schoolview Subdivision</b>	10/8/15
		0.19	Schoolview Drive	
		0.07	Recess Lane	
<b>Division 4</b>				
Johnston	50972		<b>Summerset Place Subdivision</b>	9/29/15
		0.13	Pursuit Court	
		0.18	Donzi Court	
Johnston	50973	0.15	<b>Old Fields Subdivision</b> Hannah Drive	9/29/15
Johnston	50974	0.11	<b>Covered Bridge Estates Subdivision</b> Julie Drive	9/30/15

## NCDOT January 2016 Board of Transportation Agenda

### Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 5</b>				
Franklin	50975		<b>Youngsville Commerce Center</b>	9/28/15
		0.51	Mosswood Boulevard	
		0.13	Jeffery Drive	
		0.54	Weathers Street	
<b>Division 7</b>				
Guilford	50976		<b>Fentress Farms Subdivision</b>	10/12/15
		0.59	Walter Wright Road, SR 3436 Ext.	
Guilford	50977		<b>Armfield Subdivision</b>	10/29/15
		1.04	Henson Forest Drive, SR 5017 Ext.	
		0.27	Katherine Louise Drive	
		0.10	Matheson Court	
		0.27	McKibbin Circle	
		0.07	Stanback Court	
		0.74	Wyatt Drive	
<b>Division 9</b>				
Davie	50978		<b>Oak Valley Subdivision</b>	11/6/15
		0.15	Cadle meadows Court	
		0.11	Grasslands Court	
		0.38	Sawgrass Drive	
		0.19	Legacy Drive	
Davie	50979		<b>The Hamptons Subdivision</b>	12/4/15
		0.13	Hampton Oak Court	
<b>Division 14</b>				
Clay	50980	0.48	Jackrabbit Road, SR 1155 Ext.	11/17/15

**Summary: Number of Roads Petitioned for Addition – 35**  
**Number of Roads Petitioned for Abandonment – 0**

**Road Name Change:** Division 8, Hoke County Commissioners approved renaming SR 1319, Bridges Road to Dr. NW McPhatter Road.

**Correction:** Petition 50960 was incorrectly listed to be in Division 8. It should have been listed in Division 9.

**January 7, 2016**

**NCDOT JANUARY 2016 BOARD OF TRANSPORTATION AGENDA**  
**Funds Request**  
**Division-wide Small Construction, Statewide Contingency,**  
**Public Access, Economic Development**

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendation and delegate authority to the Secretary to approve funds for specific Division-wide Small Construction / Statewide Contingency projects.

County	Description	Type	Amount
Div 3 New Hanover	City of Wilmington – Design and construction of a taxi-lane and connection to Wilmington International's centralized storm water management system Other funding: \$80,000 (County/Airport Authority); \$400,000 (Aviation) WBS 36244.36.18.1	Econ Development  TOTAL	\$320,000.00  \$320,000.00
Div 5 Durham	WBS 45335.3.23 was established (11/13) to construct a roundabout at the intersection of Barbee Rd and Herndon Rd Increase funds	Contingency  TOTAL	\$500,000.00  \$500,000.00
Div 6 Cumberland	City of Fayetteville – Replace rail crossing, complete light clearing and A-boom mowing, seal cracks and overlay with BST, install pipe liner on 72in pipe and replace washed out crossline pipe on Edgecombe Dr (non-system) on the campus of Fayetteville State University Other funding: \$85,000 (FSU) WBS 45854	Contingency  TOTAL	\$425,000.00  \$425,000.00
Div 9 Forsyth	Town of Walkertown – Installation of left turn lane on SR 2405 (Old Belews Creek Rd) at US-158 WBS 44606	Contingency  TOTAL	\$175,000.00  \$175,000.00
Div 9 Rowan	Town of Rockwell – Installation of curb & gutter and drainage on SR 2333 (Cannon St) from Vine St to Call Miller St and resurface from Vine St to NC-152 WBS 44500	Contingency  TOTAL	\$350,000.00  \$350,000.00

**NCDOT JANUARY 2016 BOARD OF TRANSPORTATION AGENDA**  
**Funds Request**  
**Division-wide Small Construction, Statewide Contingency,**  
**Public Access, Economic Development**

<b>Summary:</b>	<b>Number of Projects</b>	<b>5</b>	
	<b>Number of Divisions</b>	<b>4</b>	
	<b>Small Construction Commitment</b>		<b>\$0.00</b>
	<b>Public Access Commitment</b>		<b>\$0.00</b>
	<b>Contingency Commitment</b>		<b>\$1,450,000.00</b>
	<b>Economic Development</b>		<b>\$320,000.00</b>
	<b>TOTAL</b>		<b><u>\$1,770,000.00</u></b>

**NCDOT January 2016 Board of Transportation Agenda**

**Public Transportation Division**

<b>Highway Division #</b>	<b>Urban State Match Program</b>	<b>Estimated Project Cost</b>	
3	<b>16-90-X598 - Craven County Government (Craven Area Rural Transit System)</b> request for State Funds for purchase of three light transit vehicles for designated urbanized area. The period of performance is 7/1/2015 thru 12/31/2016.	\$195,000	Total
		\$165,750	Federal
		\$13,650	State
		\$15,600	Local
7	<b>16-95-X066 - City of Greensboro (Greensboro Transit Authority)</b> request for State Funds for purchase of two hybrid replacement vehicles. The period of performance is 7/1/2012 thru 6/30/2016.	\$1,267,470	Total
		\$1,052,000	Federal
		\$101,397	State
		\$114,073	Local
7	<b>16-34-0001 - City of Greensboro (Greensboro Transit Authority)</b> request for State Funds to purchase one hybrid replacement bus. The period of performance is 6/1/12 thru 6/30/2016.	\$644,578	Total
		\$535,000	Federal
		\$51,566	State
		\$58,012	Local
7	<b>16-34-0007 - City of Greensboro (Greensboro Transit Authority)</b> request for State Funds to purchase one hybrid replacement bus. The period of performance is 8/1/2014 thru 6/30/2016.	\$663,308	Total
		\$550,546	Federal
		\$53,064	State
		\$59,698	Local
13	<b>16-90-X395-01 - City of Asheville (Asheville Redefines Transit)</b> request for State Funds to purchase one paratransit vehicle. The period of performance is 7/1/07 thru 6/30/2016.	\$51,128	Total
		\$37,835	Federal
		\$5,112	State
		\$8,181	Local

**Amendment to State Match**

5	<p><b>16-95-X065 - City of Raleigh (GoRaleigh)</b> request for State Funds to purchase eleven replacement buses. This amendment adds an additional 3% in state match funds to the project that was approved in FY 2015 for a 7% state match (Total @ 10%). There is a subsequent reduction in the local match amount by approximately 3%. The total amount of the project in FY 2015 was \$4,600,000 (Federal \$3,680,000, State \$315,746, and Local \$604,254). The amended project breakdown is now a total of \$4,600,000 (Federal \$3,680,000, State \$453,746, and Local \$466,254). The period of performance is 7/1/2013 thru 6/30/2016.</p>	<table border="0"> <tr> <td style="padding-right: 10px;">\$0</td> <td>Total</td> </tr> <tr> <td style="padding-right: 10px;">\$0</td> <td>Federal</td> </tr> <tr> <td style="padding-right: 10px;">\$138,000</td> <td>State</td> </tr> <tr> <td style="padding-right: 10px;">(\$138,000)</td> <td>Local</td> </tr> </table>	\$0	Total	\$0	Federal	\$138,000	State	(\$138,000)	Local
\$0	Total									
\$0	Federal									
\$138,000	State									
(\$138,000)	Local									

**5316 - Job Access and Reverse Commute**

9 & 11	<p><b>17-JA-120 Piedmont Authority for Regional Transportation</b> request Federal Transit Administration Section 5316 Funds to purchase one replacement bus.</p>	<table border="0"> <tr> <td style="padding-right: 10px;">\$500,000</td> <td>Total</td> </tr> <tr> <td style="padding-right: 10px;">\$400,000</td> <td>Federal</td> </tr> <tr> <td style="padding-right: 10px;">\$0</td> <td>State</td> </tr> <tr> <td style="padding-right: 10px;">\$100,000</td> <td>Local</td> </tr> </table>	\$500,000	Total	\$400,000	Federal	\$0	State	\$100,000	Local
\$500,000	Total									
\$400,000	Federal									
\$0	State									
\$100,000	Local									
7 & 9	<p><b>17-JA-118 Research Triangle Regional Public Transportation Authority (GoTriangle)</b> request Federal Transit Administration Section 5316 Funds to purchase one replacement bus.</p>	<table border="0"> <tr> <td style="padding-right: 10px;">\$475,000</td> <td>Total</td> </tr> <tr> <td style="padding-right: 10px;">\$380,000</td> <td>Federal</td> </tr> <tr> <td style="padding-right: 10px;">\$0</td> <td>State</td> </tr> <tr> <td style="padding-right: 10px;">\$95,000</td> <td>Local</td> </tr> </table>	\$475,000	Total	\$380,000	Federal	\$0	State	\$95,000	Local
\$475,000	Total									
\$380,000	Federal									
\$0	State									
\$95,000	Local									

**Item I-1, 8 Projects, Total Federal/State funds \$ 3,483,170**

**ADDITIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5184	Cape Fear Public Transportation Authority	Replacement Under 30' LTV	STPDA	STPDA	80						
			Local	L	20						
TM-5137	ART (Asheville Redefines Transit)	City of Asheville Black Mountain Transit Service Operating Assistance (JARC Funding)	FUZ	5307	100	100					
			Local	L	100	100					
TM-5315	ART (Asheville Redefines Transit)	ART Limited Sunday Service on Nine Routes Operating Assistance (JARC Funding)	FUZ	5307	163						
			Local	L	163						
TM-5163	City of Asheville	City of Asheville Administrative Oversight of JARC projects in the Asheville Urbanized Area (JARC Funding)	FUZ	5307	20						
TG-5261	Greenway Transit (Western Piedmont Regional Transportation Authority)	Preventive Maintenance	STPDA	STPDA			270				
			Local	L			68				
TO-5134C	Piedmont Authority for Regional Transportation	Operating Assistance for service in the High Point Urban Area	FUZ	5307	150						
			Local	L	150						
TG-6173B	Piedmont Authority for Regional Transportation	Routine Capital, passenger shelters, passenger amenities, shop equipment, spare parts for service in the High Point Urban Area	FUZ	5307	150						
			Local	L	37						
TA-5185	Lincoln County Transit	One Expansion Light Transit Vehicle	FEPD	5310			50				
			State	T			6				
			Local	L			6				
TA-4990A	Fayetteville Area System of Transit	One Expansion Bus	FBUS	5339	356						
			State	S	37						
			Local	L	46						

TA-4990B	Fayetteville Area System of Transit	One Expansion Bus - Division	FBUS	5339	391						
			State	T	35						
			Local	L	35						
TA-5186	GoRaleigh	Six Expansion Buses for adding route expansion service	FUZ	5307				2088			
			State	T				261			
			Local	L				261			
TG-4321A	GoTriangle	Routine Capital	STPDA	STPDA	145						
			Local	L	36						

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

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TD-4904	Jacksonville Transit	Facility – Transit Center-Downtown - Division	FUZ	5307	3849						
			State	T	755						
			Local	L	1520						
TA-4903A	GoRaleigh	Purchase Replacement Hybrid Buses	FUZ	5307	90						
			CMAQ	CMAQ	1750						
			State	S	229						
			Local	L	231						
TG-4935A	C-Tran	Routine Capital - Cost of Contracting	FUZ	5307	1700	1800	1900	1950	2000	2000	2200
			Local	L	2720	2880	3040	3120	3200	3520	3520
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	2200	2200	2300				
			Local	L	3520	3520	3620				
TO-5129	C-Tran	Operating Assistance	State	SMAP	195	195	200	200	210	220	220
		CONTINUED			FY23	FY24	FY25				
			State	SMAP	230	230	240				
TE-5205	Durham-Orange Light Rail Line	UNC Hospitals in Chapel Hill to NC 55 (Alston Avenue) in Durham Construct Light Rail System	FBUS	5309	1000						
			State	T	500						
			Local	L	500						

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

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TG-6176	Charlotte Area Transit System	Replacement of FareBoxes on CATS Buses	STPDA	STPDA	2800						
			Local	L	700						

**DELETIONS to the 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-4990	Fayetteville Area System of Transit	One Expansion Bus	FUZ	5307	747						
			State	S	81						
			Local	L	72						

Item I-1A, 19 Projects, Total Federal/State funds \$36,937,000

**NCDOT January 2016 Board of Transportation Agenda  
Rail Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Division 6 Anson County	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement Funds for Project Blue Jay that proposes to add a siding to the CSX Transportation (CSXT) mainline to provide loading and unloading capacity for a feed mill facility near Wadesboro. The new track is needed to provide access to expand feed mill operations. This project is contingent on a \$45 million capital investment to build a new facility. Authorization of funding is contingent on a completed Rail Industrial Access application, an environmental review, a construction schedule that complies with grant requirements, and all other Rail Industrial Access Program/FRRCSI program requirements being satisfied. The Department shall participate in 50% of actual project costs not to exceed \$200,000.	\$200,000
Division 7 Guilford County	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds towards the costs of constructing industrial access to serve Project Apex in Guilford County. This project is contingent on the manufacturer's proposal of a \$20 million expansion to an existing facility, creating 35 jobs and generating 400 carloads of rail freight per year. Authorization of funding is contingent on a completed Rail Industrial Access application, an environmental review, a construction schedule that complies with grant requirements, and all other Rail Industrial Access Program/FRRCSI program requirements being satisfied. The Department will contribute a maximum of \$200,000 to the estimated \$4,700,000 total project cost.	\$200,000
Division 10 Cabarrus County	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds towards the costs of constructing industrial access sidings to serve Project Burgundy in Cabarrus County. This project is contingent on the company's proposal to create a minimum of 30 jobs per year for the first two years and invest over \$60 million with this new facility, and anticipates shipping 1,300 carloads of rail freight per year. Authorization of funding is contingent on a completed Rail Industrial Access application, an environmental review, a construction schedule that complies with grant requirements, and all other Rail Industrial Access Program/FRRCSI program requirements being satisfied. The Department will contribute a maximum of \$179,000 to the estimated \$436,733 total project cost.	\$179,000

**ITEM I-2 SUMMARY – 3 PROJECTS – (TOTAL FEDERAL AND STATE) \$579,000**

**NCDOT January 2016 Board of Transportation Agenda**

**Bike & Pedestrian Program**

**Town/County  
Division**

**Project Description**

**Estimated  
Cost**

There will be no items presented for approval at the January 6, 2016 Board of Transportation meeting.

**ITEM I-3 SUMMARY – NO PROJECTS**

**NCDOT January 2016 Board of Transportation Agenda**

**Aviation Program**

<b>Division Airport</b>	<b>Project Title Project Description [Partner Connect #]</b>	<b>Estimated Cost</b>
Division 1 Plymouth Municipal	<b>PARALLEL TAXIWAY</b> Construct a full parallel taxiway in order to prevent runway incursions and enhance safe movement of aircraft on the airfield. [2789]	\$3,610,000
Division 3 Duplin County	<b>TREE CLEARING - RUNWAY 5/23 RPZ</b> Clear all trees within the acquired Runway Protection Zone (RPZ) and selected trees within the approach zones in order to enhance safe navigation of aircraft in and around the airport. [2452]	\$360,000
Division 4 Johnston County Regional	<b>ACCESS IMPROVEMENTS</b> Improve the existing driveway behind hangars to create an "industrial" entrance for the airport to support tractor-trailers and fuel trucks. Includes new drive to the adjacent t-hangar area; new drive connecting adjacent apron; and new perimeter fencing and access gate. [3426]	\$682,000
Division 4 Mount Olive Municipal	<b>RUNWAY LIGHTING SYSTEM REHABILITATION</b> Replace existing edge lighting system for the runway and stub taxiway with new LED lights and install runway hold position sign in order to address aging lighting system and enhance safe operations. [3010]	\$265,000
Division 4 Tarboro-Edgecombe	<b>LAND/HANGAR ACQUISITION - TERMINAL AREA</b> Acquire approximately 0.5 acres of property including existing hangar. [3230]	\$150,000
Division 4 Wayne Executive Jetport	<b>RPZ LAND ACQUISITION</b> Acquire 5 acres of land within the existing Runway 23 Runway Protection Zone (RPZ). [2145]	\$75,000
Division 5 Henderson-Oxford	<b>APRON REHABILITATION</b> Mill and replace existing asphalt pavement in order to rehabilitate the existing aircraft apron. Includes connector taxiway to the runway. [3346]	\$800,000
Division 5 Person County	<b>AIRFIELD SIGNAGE</b> Replace aging airfield directional and mandatory lighted signs with LED signs in order to enhance safe movement of aircraft on the airfield. [2436]	\$189,300

<b>Division Airport</b>	<b>Project Title Project Description [Partner Connect #]</b>	<b>Estimated Cost</b>
Division 5 Person County	<b>TAXIWAY LIGHTS</b> Replace quartz Medium Intensity Taxiway Lights (MITL) with LED MITL from west of Taxiway 'B' to end of Runway 6 in order to meet regulatory guidance per FAA Advisory Circular AC150/5340-30H and enhance safe movement of aircraft on the airfield. [2438 ]	\$170,000
Division 5 Triangle North	<b>T-HANGAR TAXILANE PHASE I</b> Construct a T-Hangar Taxilane - Phase I in order to enhance access and safe movement on the airfield. [2688 ]	\$410,000
Division 6 Columbus County Municipal	<b>RUNWAY REHAB/STRENGTHEN AND WIDENING (DESIGN)</b> Widen existing 75' runway to 100' and overlay of the pavement to provide 60,000 lb. dual wheel strength. Project enhances the safe operation of corporate C-II aircraft currently utilizing Airport. [3043]	\$175,000
Division 6 Columbus County Municipal	<b>REPLACE RUNWAY LIGHT SYSTEM</b> Install LED Runway Lights in order to replace existing runway lights which are in excess of 30 years old and failing. Project also replaces the existing beacon which is the same age and in poor condition. Project enhances aircraft navigation and safety in and around the airport.[2392]	\$285,000
Division 6 Lumberton Regional	<b>ALP UPDATE AND AC 150/5300-18B SURVEY</b> Update Airport Layout Plan (ALP) as required by the Federal Aviation Administration. Includes the FAA 18B Survey. The ALP maintains the current status and future objectives of the airport and provides all involved agencies to plan and communicate. [2844]	\$154,000
Division 6 Lumberton Regional	<b>RUNWAY 23 LPV APPROACH CLEARING</b> Obstruction analysis and clearing to protect the Runway 23 end for Localizer Performance with Vertical Guidance (LPV) approach. Project enforces the avigation easement and clears trees from the approach path of runway 23 in order to enhance safe operation and movement of aircraft. [2846]	\$380,000
Division 7 Burlington Alamance Regional	<b>AIRPORT PERIMETER FENCING - PHASE II</b> Install approximately 23,400 linear feet of 10' chain link fence with three strands of barb wire as a wildlife deterrent in order to improve security and safety by minimizing wildlife incursions on the active airfield. [2653]	\$1,975,000

<b>Division Airport</b>	<b>Project Title Project Description [Partner Connect #]</b>	<b>Estimated Cost</b>
Division 8 Asheboro Municipal	<b>TERMINAL BUILDING</b> Construct new Terminal Building in order to replace the existing aged terminal building constructed in 1972. [3047]	\$562,500
Division 8 Laurinburg-Maxton	<b>TAXIWAY REHABILITATION</b> Rehabilitate taxiway from Runway 5, including the parallel and connector taxiways, to Runway 13-31 in order to address failing pavement sections. The design for this project is complete. [2451]	\$2,100,000
Division 8 Laurinburg-Maxton	<b>LOCALIZER</b> Replace existing localizer with a new localizer. The existing localizer is 25+ years old and has become unreliable. [3460]	\$390,000
Division 8 Raleigh Executive Jetport at Sanford-Lee County	<b>ACCESS ROAD REHAB</b> Rehabilitate existing access road and parking lot, including re-alignment of existing access road and signage. [2397]	\$375,000
Division 8 Richmond County	<b>APRON RECONSTRUCTION AND HANGAR RELOCATION</b> Relocate existing open air hangar and reconstruct apron pavement in order to remove conflict with the Taxilane Object Free Area (TOFA), resolve aircraft traffic flow issues and address pavement in poor condition. [3236]	\$1,265,500
Division 8 Richmond County	<b>TAXIWAY LIGHTING REHABILITATION (CONSTRUCTION)</b> Rehabilitate taxiway lighting system in order to enhance safe movement of aircraft on the airfield. [3250]	\$485,000
Division 9 Rowan County	<b>NORTH APRON REHABILITATION</b> Rehabilitate north apron from the Standard Aero building to the northern most existing pavement in order to address pavement. Original construction date was 1998 and in pavement is poor condition. [3094]	\$932,000
Division 9 Smith Reynolds	<b>RECONSTRUCT TERMINAL APRON</b> Reconstruct terminal apron pavement in order to address failing pavement. [2571]	\$2,360,000

<b>Division Airport</b>	<b>Project Title Project Description [Partner Connect #]</b>	<b>Estimated Cost</b>
Division 10 Anson County	<b>PARALLEL TAXIWAY LIGHTING AND SIGNAGE</b> Install medium-intensity LED lighting system and directional signage in order to enhance safe movement of aircraft on the airfield. [2865]	\$705,000
Division 11 Ashe County	<b>OVERLAY AND STRENGTHEN RUNWAY 10-28</b> Overlay and strengthen Runway 10-28 to 45,000# DWG. Includes the connector taxiway to terminal and replace/install runway edge and connector taxiway edge lighting systems in order to meet business class aircraft needs and enhance safe movement of aircraft on the airfield. [2565]	\$2,725,000
Division 11 Elkin Municipal	<b>200' RUNWAY SAFETY AREA RUNWAY 7 END</b> Extend the Runway Safety Area (RSA) in order to bring the Runway 7 end into compliance with FAA minimum requirements for a B-II airport. [2219]	\$1,970,000
Division 11 Mount Airy-Surry County	<b>APRON REHABILITATION - AREA C &amp; D</b> Mill and replace pavement on Apron Areas C and D in order to address pavement rated as poor. [2551]	\$330,000
Division 11 Mount Airy-Surry County	<b>ENVIRONMENTAL MITIGATION MONITORING (REIMBURSEMENT)</b> Reimburse eligible costs of stream mitigation monitoring as required under existing 401 and 404 permits associated with the runway extension program. As part of mitigation plan for environmental impacts, 5 year monitoring was required. [3367]	\$145,000
Division 11 Mount Airy-Surry County	<b>RUNWAY &amp; TAXIWAY EXTENSION – SITE PREPARATION (AMENDMENT)</b> Site work preparation of Phase 2 (bid alternate to Phase 1) in order to maximize utilization of on-site material and reduce additional mobilization costs. [2595]	\$1,288,000
Division 12 Hickory Regional	<b>LAND ACQUISITION/OBSTRUCTION REMOVAL</b> Acquire land and remove obstructions in order to allow for a safe glide path to Runway 1 enhancing safe operations of aircraft. [2737]	\$100,000
Division 12 Shelby Municipal	<b>RUNWAY OVERLAY</b> Overlay existing runway pavement in order to address issues with cracking/aging and prolong the life of the pavement. [3120]	\$2,415,000

<b>Division Airport</b>	<b>Project Title Project Description [Partner Connect #]</b>	<b>Estimated Cost</b>
Division 12 Statesville Regional	<b>REPLACE PAPI, REIL AND WINDSOCKS</b> Replace existing Precision Approach Path Indicators (PAPIs) on both runway ends, Runway End Identifier Lights (REILs) on Runway 10 and wind socks with new LED systems in order to address aging equipment issue and enhance safe aircraft navigation. [3373]	\$191,000
Division 12 Statesville Regional	<b>TAXIWAY A LIGHTING REHABILITATION AND GUIDANCE SIGN INSTALLATION</b> Rehabilitate existing taxiway edge lighting system with LED lights and install required taxiway guidance signs in order to address aging equipment issue and enhance safe movement of aircraft on the airfield. [3374]	\$570,000
Division 13 Foothills Regional	<b>LAND ACQUISITION - EXISTING RPZ AND FUTURE 21 EXTENSION</b> Acquire land needed for the existing Runway Protection Zone (RPZ) in order to enhance safe operation of aircraft in and around the airport. [3203]	\$1,500,000

**ITEM I-4 SUMMARY – 34 PROJECTS - (TOTAL STATE, FEDERAL AND LOCAL COST)  
\$30,089,300**

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

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Specific State Funds for Construction Projects**

THERE ARE NO FUNDING REQUESTS FOR THIS MONTH'S AGENDA

**NCDOT January 2016 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Brunswick Co. Div. 3 AV-5739 DIVISION	WBS 46333.2.1 Cape Fear Regional Airport. Approach clearing at Runway 5 and Runway 23. Initial funds are requested for full right of way.	\$277,000.00
New Hanover Co. Div. 3 AV-5713 STATEWIDE	WBS 46320.3.1 Wilmington International Airport (ILM). Pipe ditches in Fixed - Based Operator #2 area. Initial funds are requested for construction.	\$500,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751WM STATEWIDE	WBS 40191.4.1 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. Initial funds are requested for wetland mitigation.	\$7,448,000.00
Statewide Div. 5 M-0488D STATEWIDE	WBS 46404.1.4 South Eastern Extension of I-540 - Map Act Lawsuit. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$100,000.00
Wake Co. Div. 5 P-5500 DIVISION	WBS 44092STI.3.1202 Raleigh Union Station - City of Raleigh. Initial funds are requested for construction. <b>This is a Strategic Transportation Investments Transition project.</b>	\$4,000,000.00

**NCDOT January 2016 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 U-5749 REGIONAL	WBS 50169.1.1 NC 55 Bypass at NC 55 (East Williams Street) in Holly Springs. Intersection improvements. \$30,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$150,000.00
Pembroke/ Robeson Co. Div. 6 P-4900 STATEWIDE	WBS 41099.1.2 Railroad Bypass of Pembroke to allow North to South shipments to turn East. \$413,697.00 has previously been approved for preliminary engineering. Additional funds are requested. WBS will be closed. <b>This is a Strategic Transportation Investments Transition project.</b>	\$598,097.86
Alamance Co. Div. 7 U-5538B DIVISION	WBS 44113.3.2 Access road from SR 1981 (Trollingwood - Hawfields Road) to industrial site. \$400,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is an economic development project.	\$510,000.00
Statewide Div. 9 M-0488B STATEWIDE	WBS 46404.1.2 Winston-Salem Northern Beltway - Map Act Lawsuit. \$400,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$100,000.00
Graham Co. Div. 14 B-3458 DIVISION	WBS 33078.3.D3 Replace Bridge 114 over Stecoah Creek on SR 1237 (Everette Jenkins Road). \$705,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$125,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	5 PROJECTS	\$8,746,097.86
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$150,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	4 PROJECTS	\$4,912,000.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>10 PROJECTS</b>	<b>\$13,808,097.86</b>

**NCDOT January 2016 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Urban Loops**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Greensboro/ Guilford Co. Div. 7 U-2525B STATEWIDE	WBS 34821.2.3 Greensboro Eastern Loop from north of US 70 to US 29 north of Greensboro. \$36,535,000.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$265,000.00
Winston- Salem/ Forsyth Co. Div. 9 U-2579AB REGIONAL	WBS 34839.2.4 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$28,978,026.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are requested for advanced acquisition of Specific Parcel 903 (Property of Estate of Barbara J. Mallett) for \$127,280.00	\$127,280.00
<b>TRUST FUND URBAN LOOP</b>	<b>2 PROJECTS</b>	<b>\$392,280.00</b>
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>10 PROJECTS</b>	<b>\$13,808,097.86</b>
<b>TRUST FUND URBAN LOOP</b>	<b>2 PROJECTS</b>	<b>\$392,280.00</b>
<b>SUMMARY OF FUNDS</b>	<b>12 PROJECTS</b>	<b>\$14,200,377.86</b>

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

**January 7, 2016**

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Spot Safety Improvement Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety Improvement Projects.**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Currituck Co. Div. 1 SS-4901AI	WBS 43767.3.1 US 158 at SR 1147 (Indiantown Road). \$4,000.00 in construction funds has previously been approved for sight distance improvements. Additional funds are needed due to an increase in construction costs. File 01-12-22467-2	\$6,219.00
Duplin Co. Div. 3 SS-4903BS	WBS 44314.3.1 SR 1300 (Wards Bridge Road) at SR 1301 (Bowdens Road). \$66,688.16 in construction funds has previously been approved for flasher revisions. Additional funds are needed due to an increase in construction costs. File 03-14-28663-1	\$25,000.00
Pender Co. Div. 3 SS-4903BQ	WBS 44313.3.1 US 421 at NC 11/53. \$71,692.00 in construction funds has previously been approved for flasher revisions. Additional funds are needed due to an increase in construction costs. File 03-14-26889-1	\$31,000.00
Fayetteville/ Cumberland Co. Div. 6 SS-4906AP	WBS 43127.2.1 US 401 (Raeford Road) at SR 1256 (Revere Street). \$30,000.00 in right of way and utilities funds has previously been approved for traffic signal revisions. Additional funds are needed due to an increase in right of way and utilities costs. File 06-10-7958-1	\$18,250.00
Harnett Co. Div. 6 SS-4906BZ	WBS 44269.3.1 SR 1500 (Benson Road) at SR 1546 (Young Road). \$216,000.00 in construction funds has previously been approved for sight distance improvements. Reduce funds and delete project. Project will be constructed with other funds. File 06-14-29265-1	-\$216,000.00

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Spot Safety Improvement Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety Improvement Projects.**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. Div. 7 SS-4907BD	WBS 44193.3.1 NC 150/SR 2702 (Osceola-Ossippee Road) at NC 150/NC 61. \$41,054.00 in construction funds has previously been approved for intersection improvements and conversion from two-way stop to all-way stop. Additional funds are needed due to an increase in construction costs. File 07-14-878-1	\$25,000.00
Huntersville/ Mecklenburg Co. Div. 10 SS-4910BD	WBS 43633.3.1 NC 115 and SR 2140 (Stumptown Road). \$60,000.00 in construction funds has previously been approved for turn lane construction and traffic signal installation. Reduce funds and delete project. Project was constructed with other funds. File 10-12-201-1	-\$60,000.00
<b>ITEM L SUMMARY</b>	<b>7 PROJECTS</b>	<b>-\$170,531.00</b>

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 1**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Northampton Co. Z-5400AG DIVISION	43600.1.71, RR-1301(011) Railway-Highway Grade Crossing Safety Project. SR 1301 (Cornwallis Road) at CSX Transportation Tracks; Crossing #630 115H near Garysburg. Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 2**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Pitt Co. BD-5102W DIVISION	45348.3.FD23, BRZ-1591(002) Replace Bridge #431 over Parkers Creek on SR 1591. Funds are needed for construction for bridge replacement.	\$585,934.00 Cost \$468,747.00 Fed. \$117,187.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 3**

**Surface Transportation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Brunswick Co. R-5021 DIVISION	41582.2.3, STP-0211(021) NC 211 From SR 1500 (Midway Road) to NC 87. Funds are needed for full right of way.	\$10,037,000.00 Cost \$8,029,600.00 Fed. \$2,007,400.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Johnston Co. I-5723 STATEWIDE	52001.3.1, NHPP-0040(014)340 I-40 from 0.3 miles west of SR 1211 (Morgan Road) (Milepost 328.8) in Johnston County to Sampson County Line (Milepost 339.8), 11.000 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015.	\$3,900,000.00 Cost \$3,120,000.00 Fed. \$780,000.00 State

**Bridge**

Halifax Co. B-5657 DIVISION	45612.1.1, BRZ-1001(064) Replace Bridge #15 over Beaverdam Swamp on SR 1001. Funds are needed for preliminary engineering.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 State
Halifax Co. B-5660 DIVISION	45615.1.1, BRZ-1100(036) Replace Bridge #65 over Deep Creek on SR 1100. Funds are needed for preliminary engineering.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 State
Johnston Co. B-4562 DIVISION	38410.1.2, BRZ-2143(002) Replace Bridge #216 over Little Buffalo Creek on SR 2143. Funds are needed for preliminary engineering.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Johnston Co. B-5654 DIVISION	45609.1.1, BRZ-1550(004) Replace Bridge #141 over White Oak Creek on SR 1550. Funds are needed for preliminary engineering.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 State
Johnston Co. B-5659 DIVISION	45614.1.1, BRZ-1738(007) Replace Bridge #432 over Cattail Creek on SR 1738. Funds are needed for preliminary engineering.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 State
Nash Co. B-5658 DIVISION	45613.1.1, BRZ-1310(008) Replace Bridge #126 over Big Peachtree Creek on SR 1310. Funds are needed for preliminary engineering.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 State
Wayne Co. B-5656 DIVISION	45611.1.1, BRZ-1127(014) Replace Bridge #133 over Yellow Swamp on SR 1127. Funds are needed for preliminary engineering.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Johnston Co. W-5204B DIVISION	45334.3.FD2, HSIP-1700(014) SR 1700 (Covered Bridge Road) from SR 1709 (City Road) to SR 1768 (Smith Drive). Funds are needed for construction for safety improvements.	\$650,000.00 Cost \$585,000.00 Fed. \$65,000.00 State
Wayne Co. W-5601BT STATEWIDE	50138.3.73, HSIP-0117(035) US 117 at NC 55. Funds are needed for construction for safety improvements.	\$220,000.00 Cost \$198,000.00 Fed. \$22,000.00 State
Wayne Co. W-5601BY DIVISION	50138.3.78, HSIP-1008(025) SR 1008 (Stevens Mill Road) in the vicinity of SR 1224 (Ferry Bridge Road). Funds are needed for construction for safety improvements.	\$33,000.00 Cost \$29,700.00 Fed. \$3,300.00 State

**Rail Program**

Wayne Co. Z-5400DG DIVISION	43600.1.72, RR-0422(006) Railway-Highway Grade Crossing Safety Project. Hillsboro Street at CSX Transportation Tracks; Crossing #628 830S in Mount Olive. Funds are needed for preliminary engineering.	\$28,000.00 Cost \$25,200.00 Fed. \$2,800.00 State
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**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Granville Co. I-5787 STATEWIDE	53027.3.1, NHPP-0085(014) I-85 from north of NC 56 in Granville County to US 158 in Vance County, 17.300 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015.	\$5,000,000.00 Cost \$4,000,000.00 Fed. \$1,000,000.00 State

**Congestion Mitigation**

Granville Co. C-5114 EXEMPT	45125.3.1, CMS-000S(544) Hike and Bike Greenway Project (Aerial Avenue from E. Lyon Station Road to Pond Drive). \$320,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$34,721.00 Cost \$27,777.00 Fed. \$6,944.00 Local
Granville Co. C-5114 EXEMPT	45125.1.1, CMS-000S(544) Hike and Bike Greenway Project (Aerial Avenue from E. Lyon Station Road to Pond Drive). \$63,176.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$3,199.00 Cost \$3,199.00 Fed.

**Rail Program**

Wake Co. C-5600A DIVISION	50061.3.2, CMS-0520(055) Refurbish three passenger rail cars. Funds are needed for construction.	\$6,000,000.00 Cost \$4,800,000.00 Fed. \$1,200,000.00 State
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**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5 (Continued)**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. C-5600A DIVISION	50061.1.2, CMS-0520(055) Refurbish three passenger rail cars. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$20,000.00 Fed. \$5,000.00 State

**Bicycle and Pedestrian**

Wake Co. U-5530IB DIVISION	44111.2.F10, STPDA-0503(032) White Oak Creek Greenway, part of the American Tobacco Trail in Cary. Funds are needed for full right of way.	\$500,000.00 Cost \$250,000.00 Fed. \$250,000.00 Local
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**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 6**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cumberland Co. I-5731 STATEWIDE	52008.1.FS1, NHPP-0095(034) I-95 from SR 1933 (Pembroke Lane) to SR 1005 (Smithfield Road). Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Robeson Co. I-5732 STATEWIDE	52009.1.FS1, NHPP-0074(182) I-74 from US 74 to 0.3 miles east of NC 710. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
Robeson Co. I-5847 STATEWIDE	53052.1.FS1, NHPP-0074(183) I-74 from 0.4 mile east of US 74 Alternate to US 74. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

**Safety**

Cumberland Co. W-5601AQ REGIONAL	50138.2.44, HSIP-0401(269) US 401 Bypass (Pamalee Drive) at Blanton 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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**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 6 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Robeson Co. W-5206AN REGIONAL	45336.3.FR40, HSIP-0211(036) NC 211 (E. 4th Avenue) at SR 1505 (Old Lowery Road) in Red Springs. Funds are needed for construction to construct left turn lanes.	\$562,000.00 Cost \$505,800.00 Fed. \$56,200.00 State
Robeson Co. W-5601AP DIVISION	50138.3.43, HSIP-1003(141) SR 1673 (Moss Neck Road) from SR 1563 (Union Chapel Road) to SR 1003 (Chicken Road). Funds are needed for construction for safety improvements.	\$397,739.00 Cost \$357,965.00 Fed. \$39,774.00 State

**Rail Program**

Cumberland Co. Z-5400FI DIVISION	43600.3.58, RR-1168(005) Railway-Highway Grade Crossing Safety Project. SR 1168 (Whitfield Street) at CSX Transportation Tracks; Crossing #629 886P in Fayetteville. Funds are needed for construction to install crossing flashers and gates.	\$382,424.00 Cost \$344,182.00 Fed. \$38,242.00 State
Robeson Co. Z-5400FV REGIONAL	43600.1.70, RR-0020(008) Railway-Highway Grade Crossing Safety Project. NC 20 (West Broad Street) at CSX Transportation Tracks; Crossing #631 530G in Saint Pauls. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 7**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. C-5700 EXEMPT	46416.1.1, CMS-0712(007) Oakdale Road existing sidewalk, east of East Main Street to Chimney Court in Jamestown. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 Local

**Urban**

Chapel Hill/ Orange Co. U-5550 STATEWIDE	50154.3.1, NHPP-0015(047) US 15 / 501 (Fordham Boulevard) and SR 1742 (Ephesus Church Road) in Chapel Hill. Construction funds are needed for intersection improvements. Reimbursement to Municipality will be available in Fiscal Year 2018.	\$2,170,000.00 Cost \$1,736,000.00 Fed. \$434,000.00 Local
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**Bridge**

Rockingham Co. B-5341 DIVISION	46055.3.FD1, BRSTP-1767(005) Replace Bridge #110 over Wolf Island Creek on SR 1767, 0.123 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015.	\$1,450,000.00 Cost \$1,160,000.00 Fed. \$290,000.00 State
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**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 8**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Randolph Co. I-5763 STATEWIDE	53006.3.1, NHPP-0073(042) I-73 from US 311 to 0.6 mile north of SR 1938 (Hockett Dairy Road); 7.700 miles. (Combined with I-5737: I-73 from 1.3 miles north of SR 1504 (Spero Road) to US 311, 2.2 miles) and (Combined with W-5601AJ: I-73 / I-74 / US 220 from south of SR 2269 (Vision Drive) to south of SR 1712 (Pineview Road). Funds are needed for construction for pavement rehabilitation.	\$8,900,000.00 Cost \$7,120,000.00 Fed. \$1,780,000.00 State

**Bridge**

Moore Co. B-5543 DIVISION	45526.3.F1, BRZ-0848(002) Replace Bridge #87 on South Lakeshore Drive over Thaggards Lake. Funds are needed for construction.	\$1,006,250.00 Cost \$805,000.00 Fed. \$201,250.00 Local
Scotland Co. B-5003 DIVISION	41106.3.F1, BRSTP-0821(005) Replace Bridge #81 on Commonwealth Avenue over Leith Creek. Funds are needed for construction.	\$641,500.00 Cost \$513,200.00 Fed. \$128,300.00 Local

**Safety**

Chatham Co. W-5601CL STATEWIDE	50138.2.91, HSIP-0064(184) US 64 at SR 1716 (Big Woods Road) / SR 1941 (Seaforth Road). Funds are needed for full right of way and utilities.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State
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**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 8 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Randolph Co. W-5601C STATEWIDE	50138.3.4, HSIP-0064(178) US 64 at SR 2469 (Brown's Crossroads) / SR 2628 (Parks Crossroads Church Road). Funds are needed for construction for safety improvements.	\$575,000.00 Cost \$517,500.00 Fed. \$57,500.00 State
Scotland Co. W-5145 REGIONAL	45269.3.FR1, STP-0501(017) US 501 and SR 1614 (Old Barnes Bridge Road) intersection. Funds are needed for construction to construct turn lanes.	\$290,000.00 Cost \$261,000.00 Fed. \$29,000.00 State

**Rail Program**

Montgomery Co. Z-5400HC DIVISION	43600.1.73, RR-1141(029) Railway-Highway Grade Crossing Safety Project. SR 1141 (Lemons Drywall Road) at Aberdeen Carolina & Western Railway Company; Crossing #728 927P near Troy. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
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**High Priority**

Richmond Co. R-3421A STATEWIDE	34542.2.6, HPPF-0220(030) US 220 Bypass from US 74 Bypass west of Rockingham at SR 1109 (Zion Church Road) Interchange to south of SR 1140 (Old Charlotte Highway). Funds are needed for utilities for gas and water relocation, obligating the balance of SAFETEA-LU Section 1702 High Priority Federal Funds designated for this project.	\$6,836,468.00 Cost \$5,469,174.00 Fed. \$1,367,294.00 State
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**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 9**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Rowan Co. I-3802B STATEWIDE	36780.3.GV3, NHIMF-085-2(078)63 I-85 from Lane Street (Exit 63) in Cabarrus County to US 29-601 connector (Exit 68) in Rowan County, 5.900 miles. (Combined with B-5365: Replace Bridge #21 and Bridge #34 over the Norfolk Southern Railroad Tracks on US 29 / US 152), and (Combined with I-3610: I-85 / US 601 at NC 152 and US 29, Exit 68). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015. This is a <b>GARVEE BOND</b> project with \$7,722,000.00 of Federal Funds in FFY16 through FFY30 and \$7,500,000.00 of State Funds in FFY16 through FFY19. In addition to GARVEE BOND Funds, \$5,750,000.00 of traditional Federal Funds with State Match is programmed from FFY16 through FFY19. This is a <b>Design-Build</b> project.	\$168,830,000.00 Cost \$134,230,000.00 Fed. \$34,600,000.00 State
Rowan Co. I-3802B STATEWIDE	36780.2.U3, NHIMF-085-2(078)63 I-85 from Lane Street (Exit 63) in Cabarrus County to US 29-601 connector (Exit 68) in Rowan County. (Combined with B-5365: Replace Bridge #21 and Bridge #34 over the Norfolk Southern Railroad Tracks on US 29 / US 152), and (Combined with I-3610: I-85 / US 601 at NC 152 and US 29, Exit 68). Funds are needed for utilities relocation. This is a <b>Design-Build</b> project..	\$2,753,000.00 Cost \$2,202,000.00 Fed. \$551,000.00 State
Rowan Co. I-3802B STATEWIDE	36780.2.GV3, NHIMF-085-2(078)63 I-85 from Lane Street (Exit 63) in Cabarrus County to US 29-601 connector (Exit 68) in Rowan County. (Combined with B-5365: Replace Bridge #21 and Bridge #34 over the Norfolk Southern Railroad Tracks on US 29 / US 152), and (Combined with I-3610: I-85 / US 601 at NC 152 and US 29, Exit 68). Funds are needed for full right of way. This is a <b>GARVEE BOND</b> project with \$858,000.00 of Federal Funds in FFY16 through FFY30 and \$3,333,000 of State Match Funds in FFY16. In addition to GARVEE BOND Funds, \$267,000.00 of traditional Federal Funds with State Match is programmed in FFY16. This is a <b>Design-Build</b> project.	\$16,470,333.00 Cost \$13,084,000.00 Fed. \$3,386,333.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 9 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Forsyth Co. B-5004 DIVISION	41107.1.1, BRSTP-0918(076) Replace Bridge #86 over Salem Creek and Bridge #87 over Brushy Fork Creek on Reynolds Park Road. \$323,360.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$44,500.00 Cost \$35,600.00 Fed. \$8,900.00 Local
Rowan Co. B-5160 DIVISION	42335.2.1, BRZ-1986(001) Replace Bridge #50 over Nails Branch on SR 1986. Funds are needed for full right of way and utilities.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cabarrus Co. B-5548 STATEWIDE	55048.2.1, NHPP-0049(032) Replace Bridge #103 over Dutch Buffalo Creek on NC 49. Funds are needed for full right of way and utilities.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State
Cabarrus Co. B-5793 DIVISION	45747.1.1, BRZ-2443(001) Replace Bridge #201 over Little Buffalo Creek on SR 2443. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Mecklenburg Co. B-5930 DIVISION	50151.1.1, BRSTP-1003(147) Replace Bridge #433 over McAlpine Creek on Sardis Lane. Funds are needed for preliminary engineering.	\$160,000.00 Cost \$128,000.00 Fed. \$32,000.00 Local
Mecklenburg Co. B-5931 DIVISION	50152.1.1, BRSTP-1003(146) Replace Bridge #443 over Southern Railroad on Morris Field Drive. Funds are needed for preliminary engineering.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 Local

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Stanly Co. B-5800 DIVISION	45754.1.1, BRZ-1253(005) Replace Bridge #160 over Ramsey Branch on SR 1253. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Union Co. B-5243 DIVISION	42845.3.FD1, BRSTP-1008(023) Replace Bridge #258 on SR 1008 over South Fork Crooked Creek and improvement of the intersection at SR 1009 and SR 1371, 0.187 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015.	\$1,300,000.00 Cost \$1,040,000.00 Fed. \$260,000.00 State
Union Co. B-5801 DIVISION	45755.1.1, BRZ-2166(001) Replace Bridge #163 over Pole Cat Creek on SR 2166. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

**Safety**

Cabarrus Co./ Mecklenburg Co./ Stanly Co. W-5601DL STATEWIDE	50138.1.117, HSIP-0085(021) I-85, I-77, I-277 and US 52. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Union Co. W-5601CS DIVISION	50138.2.98, HSIP-1315(016) SR 1315 (New Town Road) from SR 1008 (Waxhaw-Indian Trail Road) to SR 1388 (Will Plyler Road) in Wesley Chapel; SR 1315 (New Town Road) and SR 1336 (Chambwood Road) near Wesley Chapel. Funds are needed for full right of way and utilities.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 11**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Yadkin Co.	45341.3.2, HRRR-0067(004)	\$35,000.00 Cost
W-5211B	NC 67 at SR 1003 (Smithtown Road) / SR 1570 (Nebo Road).	\$31,500.00 Fed.
STATEWIDE	Funds are needed for construction for the installation of an Actuated Flasher System.	\$3,500.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 12**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Gastonia/ Gaston Co. C-5186 EXEMPT	46245.3.1, CMS-1213(025) Install 6 CCTV Cameras to the existing computerized traffic signal system on I-85 at NC 7 (Ozark Avenue); US 29-74 at Franklin Square II; NC 279 (New Hope Road) at Ozark Avenue; US 321 (Chester Street) at Tulip Drive-Bulb Avenue; NC 274 (Bessemer City Road), at NC 275 (Dallas-Bessemer City Road and US 274 (Union Road) at SR 1255 (Hudson Boulevard). Construction funds are needed for traffic signal systems.	\$98,000.00 Cost \$78,400.00 Fed. \$19,600.00 Local
Gaston Co. C-5562 EXEMPT	44109.3.F1, CMS-1213(035) Bike and Pedestrian improvements between Downtown and Lineberger Park. Funds are needed for construction of bike and pedestrians lanes, paths, and facilities.	\$275,000.00 Cost \$220,000.00 Fed. \$55,000.00 Local

**Bridge**

Catawba Co. B-5549 DIVISION	55047.1.1, BRSTP-1216(021) Replace Bridge #327 over Falling Creek on Falling Creek Road. \$176,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate	\$230,000.00 Cost \$184,000.00 Fed. \$46,000.00 Local
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**Rail Program**

Gaston Co. Z-5400LJ DIVISION	43600.1.74, RR-1306(032) Railway-Highway Grade Crossing Safety Project. SR 1306 (S. 8th Street) at Norfolk Southern Railway Tracks; Crossing #716 243H near Bessemer City. Funds are needed for preliminary engineering.	\$40,000.00 Cost \$36,000.00 Fed. \$4,000.00 State
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**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 12 (Continued)**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Iredell Co. Z-5400LH STATEWIDE	43600.1.75, RR-1226(021) Railway-Highway Grade Crossing Safety Project on Penske Way at Norfolk Southern Railway Tracks; Crossing #721 616P near Mooresville. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 13**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Buncombe Co. C-5564 EXEMPT	44110.3.1, CMS-000S(758) Land of Sky Regional Council-Work with regional clean air campaign and clean vehicle coalition to implement an educational and outreach program in communities adjacent to the Great Smokey Mountains National Park. \$94,000.00 has previously been approved for construction. Funds are needed for construction for the implementation of the outreach program.	\$91,250.00 Cost \$73,000.00 Fed. \$18,250.00 Local

**Bridge**

Burke Co. B-5398 DIVISION	46113.2.1, BRZ-1803(001) Replace Bridge #21 over Henry Fork River on SR 1803. Funds are needed for full right of way to replace bridge.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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**Rural**

McDowell Co. R-4436MG STATEWIDE	34625.2.53, STP-0040(035) Construct a hazardous spill retention basin within the I-40 Eastbound Rest Area. Funds are needed for construction to improve water quality.	\$72,000.00 Cost \$57,600.00 Fed. \$14,400.00 State
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**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 14**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Waynesville/ Haywood Co. U-5548 DIVISION	50156.1.1, STPDA-1302(064) Realignment of Brown Avenue from Boyd Avenue to approximately 1200 feet south of the intersection. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 Local

**Bridge**

Jackson Co. B-5404 DIVISION	46119.3.FD1, BRZ-1163(010) Replace Bridge #136 over Pine Creek on SR 1163, 0.205 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 State
Transylvania Co. B-4822 DIVISION	38592.3.FD1, BRZ-1119(004) Replace Bridge #13 over Nicholson Creek on SR 1119, 0.172 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015.	\$900,000.00 Cost \$720,000.00 Fed. \$180,000.00 State
Transylvania Co. B-5403 DIVISION	46118.3.FD1, BRZ-1532(005) Replace Bridge #196 over Crab Creek on SR 1532, 0.152 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 28, 2015.	\$1,050,000.00 Cost \$840,000.00 Fed. \$210,000.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 14 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Clay Co. W-5601CV DIVISION	50138.3.101, HSIP-1330(011) SR 1330 (Cold Branch Road) from SR 1307 (Woods Road) to SR 1328 (Peckerwood Road), near Hayesville. Funds are needed for construction to install guardrail and end units.	\$136,000.00 Cost \$122,400.00 Fed. \$13,600.00 State
Haywood Co. W-5601CB REGIONAL	50138.3.81, HSIP-0276(014) US 276 at Bridges #132, #125 and #93 near Canton. Funds are needed for construction to install guardrail and end treatments.	\$110,000.00 Cost \$99,000.00 Fed. \$11,000.00 State
Polk Co. W-5601CU REGIONAL	50138.3.100, HSIP-0108(005) NC 108, 0.5 mile east of SR 1556 (Industrial Park Access) near Columbus. Funds are needed for construction of safety improvements.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State

**NCDOT January 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Statewide**

**Surface Transportation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide R-9999 DIVISION	34634.1.4, STP-000S(803) Northern Long-eared Bat (NLEB) endangered species mitigation. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State

**Rail Program**

Statewide C-5600C STATEWIDE	50061.3.4, CMS-000S(841) Expand and Augment Statewide Transportation Demand Management Program. Funds are needed for implementation.	\$1,500,000.00 Cost \$1,200,000.00 Fed. \$300,000.00 State
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**ITEM M SUMMARY - 72 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$247,193,074.00**

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 1

AV-5778 HERTFORD PROJ.CATEGORY DIVISION	TRI-COUNTY AIRPORT (ASJ), RUNWAY EXTENSION. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	ENGINEERING	FY 2023 - \$560,000 (T) FY 2023 - <u>\$62,000</u> (O) \$622,000
AV-5779 DARE PROJ.CATEGORY DIVISION	DARE COUNTY REGIONAL AIRPORT (MQI), LAND ACQUISITION - RUNWAY 23. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY	FY 2023 - \$428,000 (T) FY 2023 - <u>\$48,000</u> (O) \$476,000
AV-5780 DARE PROJ.CATEGORY DIVISION	DARE COUNTY REGIONAL AIRPORT (MQI), LAND ACQUISITION - RUNWAY APPROACH. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY	FY 2023 - \$455,000 (T) FY 2023 - <u>\$50,000</u> (O) \$505,000
AV-5781 DARE PROJ.CATEGORY DIVISION	DARE COUNTY REGIONAL AIRPORT (MQI), LAND ACQUISITION - RUNWAY 23. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2023 - \$3,326,000 (T) FY 2023 - <u>\$369,000</u> (O) \$3,695,000
AV-5784 DARE PROJ.CATEGORY DIVISION	DARE COUNTY REGIONAL AIRPORT (MQI), LAND ACQUISITION. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY	FY 2023 - \$1,152,000 (T) FY 2023 - <u>\$128,000</u> (O) \$1,280,000
AV-5785 DARE PROJ.CATEGORY DIVISION	DARE COUNTY REGIONAL AIRPORT (MQI), EXTENSION OF RUNWAY 23. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2024 - \$1,620,000 (T) FY 2024 - <u>\$180,000</u> (O) \$1,800,000

\* INDICATES FEDERAL AMENDMENT

Thursday, January 07, 2016

## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 1

AV-5786	MARTIN COUNTY AIRPORT (MCZ), LAND ACQUISITION.	RIGHT-OF-WAY	FY 2024 -	\$459,000	(T)
MARTIN	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>		FY 2024 -	\$51,000	(O)
PROJ.CATEGORY	<u>REVENUE (HB 97).</u>			\$510,000	
DIVISION					

AV-5787	TRI-COUNTY AIRPORT (ASJ), UPGRADE EXISTING	CONSTRUCTION	FY 2025 -	\$225,000	(T)
HERTFORD	TERMINAL.		FY 2025 -	\$25,000	(O)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$250,000	
DIVISION	<u>REVENUE (HB 97).</u>				

AV-5788	MARTIN COUNTY AIRPORT (MCZ), CONSTRUCTION OF	CONSTRUCTION	FY 2025 -	\$369,000	(T)
MARTIN	NEW T-HANGAR TAXILANES.		FY 2025 -	\$41,000	(O)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$410,000	
DIVISION	<u>REVENUE (HB 97).</u>				

AV-5789	CURRITUCK COUNTY REGIONAL AIRPORT (ONX),	CONSTRUCTION	FY 2025 -	\$135,000	(T)
CURRITUCK	CONSTRUCT BUILDING TO STORE AIRFIELD		FY 2025 -	\$15,000	(O)
PROJ.CATEGORY	MAINTENANCE EQUIPMENT.			\$150,000	
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
	<u>REVENUE (HB 97).</u>				

AV-5790	CURRITUCK COUNTY REGIONAL AIRPORT (ONX),	CONSTRUCTION	FY 2025 -	\$1,080,000	(T)
CURRITUCK	CONSTRUCTION OF HANGAR.		FY 2025 -	\$120,000	(O)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$1,200,000	
DIVISION	<u>REVENUE (HB 97).</u>				

AV-5791	TRI-COUNTY AIRPORT (ASJ), CONSTRUCT TAXIWAYS.	CONSTRUCTION	FY 2024 -	\$230,000	(T)
HERTFORD	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>		FY 2024 -	\$26,000	(O)
PROJ.CATEGORY	<u>REVENUE (HB 97).</u>			\$256,000	
DIVISION					

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 1

B-5936	US 64, REHABILITATE BRIDGE 880007 OVER	CONSTRUCTION	FY 2017 -	\$4,995,000	(T)
TYRRELL	ALLIGATOR RIVER.		FY 2018 -	\$4,995,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$9,990,000	
STATEWIDE	<u>REVENUE (HB 97).</u>				

B-5937	US 158, REHABILITATE BRIDGE 260016 OVER	CONSTRUCTION	FY 2017 -	\$14,460,000	(T)
CURRITUCK	CURRITUCK SOUND.		FY 2018 -	\$14,460,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$28,920,000	
STATEWIDE	<u>REVENUE (HB 97).</u>				

B-5941	NC 45/NC 308, REHABILITATE BRIDGE 070007 OVER	CONSTRUCTION	FY 2017 -	\$3,120,000	(T)
BERTIE	ROANOKE RIVER.			\$3,120,000	
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
STATEWIDE	<u>REVENUE (HB 97).</u>				

B-5942	US 264, REHABILITATE BRIDGE 470020 OVER	CONSTRUCTION	FY 2017 -	\$1,278,000	(T)
HYDE	INTRACOASTAL WATERWAY.			\$1,278,000	
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
REGIONAL	<u>REVENUE (HB 97).</u>				

B-5943	US 64 BYPASS, REHABILITATE BRIDGE 270054 OVER	CONSTRUCTION	FY 2017 -	\$2,400,000	(T)
DARE	CROATAN SOUND.			\$2,400,000	
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
REGIONAL	<u>REVENUE (HB 97).</u>				

\* INDICATES FEDERAL AMENDMENT

Thursday, January 07, 2016

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 1

F-5701 PAMLICO NEW HANOVER HYDE BRUNSWICK CARTERET CURRITUCK BEAUFORT DARE PROJ.CATEGORY DIVISION	VARIOUS, CONSTRUCT TUG AS A STATEWIDE SUPPORT VESSEL. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2021 - <u>\$1,725,000</u> (T) \$1,725,000
R-3419 DARE PROJ.CATEGORY REGIONAL	US 158, US 64/NC 12 TO EASTERN END OF CURRITUCK. ADD ADDITIONAL LANES. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2025 - \$13,048,000 (T) POST YR- \$13,047,000 (T) FY 2025 - \$3,131,000 (T) POST YR- <u>\$56,202,000</u> (T) \$85,428,000
R-4457 DARE PROJ.CATEGORY DIVISION	US 158, NC 12. IMPROVE INTERSECTION. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - \$4,620,000 (T) POST YR- <u>\$19,250,000</u> (T) \$23,870,000
R-5757 NORTHAMPTON PROJ.CATEGORY DIVISION	NC 305, SEABOARD TOWN LIMITS TO HERTFORD COUNTY LINE. UPGRADE ROADWAY. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$10,000 (T) FY 2021 - <u>\$8,200,000</u> (T) \$8,210,000
R-5758 NORTHAMPTON PROJ.CATEGORY DIVISION	US 258, HALIFAX COUNTY LINE TO RICH SQUARE TOWN LIMITS. UPGRADE ROADWAY. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$10,000 (T) FY 2020 - <u>\$1,700,000</u> (T) \$1,710,000

\* INDICATES FEDERAL AMENDMENT

Thursday, January 07, 2016

## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 1

U-2419	NC 48, ROANOKE AVENUE IN HALIFAX COUNTY TO NC	RIGHT-OF-WAY	FY 2023 -	\$1,101,000	(T)
HALIFAX	46 IN NORTHAMPTON COUNTY. WIDEN TO MULTI-	UTILITIES	FY 2023 -	\$132,000	(T)
NORTHAMPTON	LANES.	CONSTRUCTION	FY 2025 -	\$9,918,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>		POST YR-	\$19,836,000	(T)
DIVISION	<u>REVENUE (HB 97).</u>			\$30,987,000	

## DIVISION 2

B-5938	SR 1182 (ATLANTIC BEACH CAUSEWAY),	CONSTRUCTION	FY 2017 -	\$5,160,000	(T)
CARTERET	REHABILITATE BRIDGE 150068 OVER BOGUE SOUND.			\$5,160,000	
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
DIVISION	<u>REVENUE (HB 97).</u>				

B-5939	NC 58, REHABILITATE BRIDGE 15006 OVER BOGUE	CONSTRUCTION	FY 2017 -	\$4,200,000	(T)
CARTERET	SOUND.			\$4,200,000	
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
REGIONAL	<u>REVENUE (HB 97).</u>				

R-5777	US 70, GRANTHAM ROAD TO THE PROPOSED US 70	RIGHT-OF-WAY	FY 2025 -	\$24,900,000	(T)
CRAVEN	HAVELOCK BYPASS. UPGRADE ROADWAY TO		POST YR-	\$49,800,000	(T)
PROJ.CATEGORY	FREEWAY.	CONSTRUCTION	POST YR-	\$106,600,000	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$181,300,000	
	<u>REVENUE (HB 97).</u>				

U-3448	SR 1278 (TRENT ROAD), US 17 (MARTIN LUTHER KING,	RIGHT-OF-WAY	FY 2023 -	\$3,007,000	(T)
CRAVEN	JR. ROAD) TO SR 1215 (SIMMONS STREET). WIDEN TO	UTILITIES	FY 2023 -	\$361,000	(T)
PROJ.CATEGORY	MULTI-LANES.	CONSTRUCTION	FY 2025 -	\$5,150,000	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>		POST YR-	\$5,150,000	(T)
	<u>REVENUE (HB 97).</u>			\$13,668,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, January 07, 2016

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 2

U-5606	SR 1598 (DICKINSON AVENUE), NC 11 TO READE	RIGHT-OF-WAY	FY 2016 -	\$1,355,000	(STP)
PITT	CIRCLE. IMPROVE ROADWAY.	UTILITIES	FY 2016 -	\$860,000	(STP)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2018 -	\$9,900,000	(STP)
DIVISION	<u>REVENUE (HB 97).</u>			\$12,115,000	

U-5875	SR 1203 (ALLEN ROAD), SR 1467 (STANTONSBURG	RIGHT-OF-WAY	FY 2023 -	\$1,777,000	(T)
PITT	ROAD) TO US 13 (DICKINSON AVENUE EXTENSION).	UTILITIES	FY 2023 -	\$213,000	(T)
PROJ.CATEGORY	WIDEN TO MULTI-LANES.	CONSTRUCTION	FY 2025 -	\$5,814,000	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	POST YR-	\$11,628,000	(T)	
	<u>REVENUE (HB 97).</u>			\$19,432,000	

U-5876	US 70 (ARENDELL STREET), 4TH STREET TO SR 1175	RIGHT-OF-WAY	FY 2024 -	\$6,280,000	(T)
CARTERET	(RADIO ISLAND ROAD). WIDEN TO MULTI-LANES.	UTILITIES	FY 2024 -	\$754,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	POST YR-	\$64,478,000	(T)
REGIONAL	<u>REVENUE (HB 97).</u>			\$71,512,000	

U-5917	SR 1704 (FOURTEENTH STREET), RED BANKS ROAD	RIGHT-OF-WAY	FY 2020 -	\$1,658,000	(T)
PITT	TO SR 1708 (FIRETOWER ROAD). WIDEN TO MULTI-		FY 2021 -	\$1,657,000	(T)
PROJ.CATEGORY	LANES.	UTILITIES	FY 2020 -	\$398,000	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2022 -	\$8,322,000	(T)
	<u>REVENUE (HB 97).</u>			\$12,035,000	

U-5919	SR 1126 (BOYD STREET), NC 11 TO RAILROAD	CONSTRUCTION	FY 2021 -	\$1,710,000	(T)
PITT	STREET. UPGRADE ROADWAY.			\$1,710,000	
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
DIVISION	<u>REVENUE (HB 97).</u>				

\* INDICATES FEDERAL AMENDMENT

Thursday, January 07, 2016

## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 2

U-5921	SR 1713 (LAURIE ELLIS ROAD), NC 11 TO SR 1149 (MILL	RIGHT-OF-WAY	FY 2022 -	\$98,000	(T)
PITT	STREET). CONSTRUCT CONNECTOR ON NEW	UTILITIES	FY 2022 -	\$12,000	(T)
PROJ.CATEGORY	LOCATION.	CONSTRUCTION	FY 2024 -	<u>\$1,254,000</u>	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$1,364,000	
	<u>REVENUE (HB 97).</u>				

* W-5202	VARIOUS, DIVISION 2 RUMBLE STRIPS, GUARDRAIL,	CONSTRUCTION	FY 2016 -	<u>\$850,000</u>	(HSIP)
JONES	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED			\$850,000	
GREENE	LOCATIONS.				
LENOIR	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
PAMLICO	<u>PROGRAMMED.</u>				
PITT					
CARTERET					
BEAUFORT					
CRAVEN					
PROJ.CATEGORY					
REGIONAL					

## DIVISION 3

AV-5739	CAPE FEAR REGIONAL (SUT), APPROACH CLEARING	RIGHT-OF-WAY	FY 2016 -	\$249,000	(T)
BRUNSWICK	AT RUNWAY 5 AND RUNWAY 23.		FY 2016 -	\$28,000	(O)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 16 NOT PREVIOUSLY</u>	CONSTRUCTION	FY 2016 -	\$253,000	(T)
DIVISION	<u>PROGRAMMED.</u>		FY 2016 -	<u>\$28,000</u>	(O)
				\$558,000	

EB-5799	SR 1167 (PERSIMMON ROAD), BAY TRAIL DRIVE TO NC	CONSTRUCTION	FY 2021 -	\$146,000	(STP)
BRUNSWICK	179 (BEACH DRIVE). CONSTRUCT SIDEWALK.		FY 2021 -	\$37,000	(L)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$183,000	
DIVISION	<u>REVENUE (HB 97).</u>				

U-4751A	LENDIRE ROAD, WEST OF US 17 BUSINESS (MARKET	CONSTRUCTION	FY 2016 -	\$1,000,000	(T)
NEW HANOVER	STREET) TO US 17 BUSINESS (MARKET STREET)/SR			\$1,000,000	
PROJ.CATEGORY	1403 (MIDDLE SOUND LOOP ROAD). REALIGN				
STATEWIDE	ROADWAY.				
	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
	<u>PROGRAMMED.</u>				

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 3

U-5877	NC 53 (WESTERN BOULEVARD), SR 1308 (GUM	RIGHT-OF-WAY	FY 2019 -	\$180,000	(T)
ON SLOW	BRANCH ROAD). IMPROVE INTERSECTION.	CONSTRUCTION	FY 2020 -	<u>\$750,000</u>	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$930,000	
DIVISION	<u>REVENUE (HB 97).</u>				

U-5878	COMMERCE DRIVE, COMMERCE DRIVE TO SR 1406	RIGHT-OF-WAY	FY 2020 -	\$266,000	(T)
ON SLOW	(PINEY GREEN ROAD). CONSTRUCT ROADWAY ON	UTILITIES	FY 2020 -	\$32,000	(T)
PROJ.CATEGORY	NEW LOCATION.	CONSTRUCTION	FY 2022 -	<u>\$3,474,000</u>	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$3,772,000	
	<u>REVENUE (HB 97).</u>				

U-5880	US 74 (MARTIN LUTHER KING, JR. BOULEVARD), US 17	RIGHT-OF-WAY	FY 2022 -	\$3,000,000	(T)
NEW HANOVER	BUSINESS (MARKET STREET). UPGRADE	CONSTRUCTION	FY 2024 -	\$6,250,000	(T)
PROJ.CATEGORY	INTERCHANGE.		FY 2025 -	<u>\$6,250,000</u>	(T)
REGIONAL	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$15,500,000	
	<u>REVENUE (HB 97).</u>				

U-5881	NC 132 (COLLEGE ROAD), SR 2048 (GORDON ROAD)	RIGHT-OF-WAY	FY 2023 -	\$19,208,000	(T)
NEW HANOVER	TO SR 1272 (NEW CENTRE DRIVE). UPGRADE	UTILITIES	FY 2023 -	\$2,305,000	(T)
PROJ.CATEGORY	ROADWAY.	CONSTRUCTION	FY 2025 -	\$31,350,000	(T)
STATEWIDE	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>		POST YR-	\$31,350,000	(T)
	<u>REVENUE (HB 97).</u>			\$84,213,000	

U-5903	SR 1336 (HENDERSON DRIVE), SR 1308 (GUM BRANCH	RIGHT-OF-WAY	FY 2022 -	\$2,111,000	(T)
ON SLOW	ROAD) TO NC 53 (WESTERN BOULEVARD). WIDEN TO	UTILITIES	FY 2022 -	\$253,000	(T)
PROJ.CATEGORY	MULTI-LANES.	CONSTRUCTION	FY 2024 -	\$7,980,000	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$10,344,000	
	<u>REVENUE (HB 97).</u>				

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 3

U-5910 BRUNSWICK PROJ.CATEGORY DIVISION	VARIOUS, GRAND STRAND AREA TRANSPORTATION STUDY METROPOLITAN PLANNING ORGANIZATION PLANNING ALLOCATION AND UNIFIED WORK PROGRAM. <u>NEW PROJECT PROGRAMMED AT THE REQUEST OF THE MPO.</u>	ENGINEERING	FY 2016 -	\$30,000	(STPDA)
				\$30,000	
U-5913 ON SLOW PROJ.CATEGORY DIVISION	SR 1336 (HENDERSON DRIVE), NC 53 (WESTERN BOULEVARD) TO US 17 BYPASS EXTENSION (JACKSONVILLE PARKWAY). EXTEND ROUTE ON NEW LOCATION. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - FY 2023 - FY 2025 -	\$1,253,000 \$150,000 \$13,566,000	(T) (T) (T)
				\$14,969,000	
U-5914 BRUNSWICK PROJ.CATEGORY DIVISION	NC 133, US 17/74/76 TO SR 1554 (OLD RIVER ROAD). MODERNIZE ROADWAY. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2020 -	\$5,130,000	(T)
				\$5,130,000	
U-5915 ON SLOW PROJ.CATEGORY DIVISION	NC 111 (CATHERINE LAKE ROAD), US 258 (RICHLANDS HIGHWAY) TO SR 1221 (FOWLER MANNING ROAD). WIDEN TO MULTI-LANES. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - FY 2023 - FY 2025 - POST YR-	\$4,354,000 \$523,000 \$4,964,000 \$9,929,000	(T) (T) (T) (T)
				\$19,770,000	
U-5920 BRUNSWICK PROJ.CATEGORY DIVISION	NEW ROUTE, US 17 BUSINESS (NORTH MAIN STREET) TO SR 1349 (BRIDGERS ROAD). CONSTRUCT ROUTE ON NEW LOCATION. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2024 - FY 2024 - POST YR-	\$3,261,000 \$391,000 \$7,961,000	(T) (T) (T)
				\$11,613,000	

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 3

* W-5203DIV	VARIOUS, DIVISION 3 RUMBLE STRIPS, GUARDRAIL,	RIGHT-OF-WAY	FY 2016 -	\$36,000	(HSIP)
BRUNSWICK	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED	CONSTRUCTION	FY 2016 -	<u>\$3,575,000</u>	(HSIP)
ONslow	LOCATIONS.			\$3,611,000	
NEW HANOVER	<u>ADD RIGHT-OF-WAY IN FY 16 AND CONSTRUCTION IN</u>				
PROJ.CATEGORY	<u>FY 16 NOT PREVIOUSLY PROGRAMMED.</u>				
DIVISION					

* W-5203REG	VARIOUS, DIVISION 3 RUMBLE STRIPS, GUARDRAIL,	RIGHT-OF-WAY	FY 2016 -	\$25,000	(HSIP)
ONslow	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED	CONSTRUCTION	FY 2016 -	<u>\$1,255,000</u>	(HSIP)
PROJ.CATEGORY	LOCATIONS.			\$1,280,000	
REGIONAL	<u>ADD RIGHT-OF-WAY IN FY 16 AND CONSTRUCTION IN</u>				
	<u>FY 16 NOT PREVIOUSLY PROGRAMMED.</u>				

* W-5203SW	VARIOUS, DIVISION 3 RUMBLE STRIPS, GUARDRAIL,	RIGHT-OF-WAY	FY 2016 -	\$51,000	(HSIP)
BRUNSWICK	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED	CONSTRUCTION	FY 2016 -	\$5,725,000	(HSIP)
ONslow	LOCATIONS.		FY 2017 -	\$725,000	(HSIP)
NEW HANOVER	<u>ADD RIGHT-OF-WAY IN FY 16 AND CONSTRUCTION IN</u>				
PROJ.CATEGORY	<u>FY 16 AND FY 17 NOT PREVIOUSLY PROGRAMMED.</u>				
STATEWIDE					

## DIVISION 4

AV-5782	TARBORO EDGEcombe AIRPORT (ETC), LAND	RIGHT-OF-WAY	FY 2024 -	\$473,000	(T)
EDGEcombe	ACQUISITION - RUNWAY 9.		FY 2024 -	\$52,000	(O)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
DIVISION	<u>REVENUE (HB 97).</u>				
				\$525,000	

AV-5792	HALIFAX NORTHAMPTON REGIONAL AIRPORT (IXA),	CONSTRUCTION	FY 2024 -	\$810,000	(T)
HALIFAX	INSTALL LIGHTING SYSTEM.		FY 2024 -	\$90,000	(O)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
DIVISION	<u>REVENUE (HB 97).</u>				
				\$900,000	

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 4

AV-5793 HALIFAX PROJ.CATEGORY DIVISION	HALIFAX NORTHAMPTON REGIONAL AIRPORT (IXA), CONSTRUCT TAXILANE. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2024 - \$315,000 (T) FY 2024 - <u>\$35,000</u> (O) \$350,000
EB-5794 WILSON PROJ.CATEGORY DIVISION	ELM CITY, ELM CITY ELEMENTARY SCHOOL TO ELM CITY MIDDLE SCHOOL. CONSTRUCT SIDEWALK ON VARIOUS ROUTES. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2023 - \$2,000 (L) FY 2024 - \$82,000 (STP) FY 2024 - <u>\$21,000</u> (L) \$105,000
R-5761 JOHNSTON PROJ.CATEGORY REGIONAL	NC 242, US 301 TO I-40. WIDEN TO MULTI-LANES. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$3,012,000 (T) FY 2023 - \$361,000 (T) FY 2025 - \$6,743,000 (T) POST YR- <u>\$13,487,000</u> (T) \$23,603,000
U-3125 WAYNE PROJ.CATEGORY DIVISION	US 117, NC 55 TO US 117 RELOCATION. UPGRADE TO FREEWAY, PART ON NEW LOCATION. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2024 - \$31,592,000 (T) FY 2024 - \$3,791,000 (T) POST YR- <u>\$194,826,000</u> (T) \$230,209,000
U-5882 WAYNE PROJ.CATEGORY REGIONAL	US 13, SR 1705 (HOOD SWAMP ROAD) TO SR 1572 (SAULSTON ROAD). WIDEN TO MULTI-LANES. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$5,611,000 (T) FY 2023 - \$673,000 (T) FY 2025 - \$3,534,000 (T) POST YR- <u>\$3,534,000</u> (T) \$13,352,000

\* INDICATES FEDERAL AMENDMENT

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## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 4

U-5911	NC 48, RED OAK/BATTLEBORO ROAD TO NC 4. WIDEN	RIGHT-OF-WAY	FY 2023 -	\$5,671,000	(T)
NASH	TO MULTI-LANES.	CONSTRUCTION	FY 2025 -	\$3,686,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>		POST YR-	<u>\$7,372,000</u>	(T)
REGIONAL	<u>REVENUE (HB 97).</u>			\$16,729,000	
U-5916	NEW ROUTE, WESTERN AVENUE TO EAST SMITH	RIGHT-OF-WAY	FY 2023 -	\$56,000	(T)
NASH	ROAD. CONSTRUCT ROUTE ON NEW LOCATION.	UTILITIES	FY 2023 -	\$7,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2025 -	<u>\$1,353,000</u>	(T)
DIVISION	<u>REVENUE (HB 97).</u>			\$1,416,000	
U-5923	SR 1207 (MCNAIR ROAD), US 64 TO US 64 ALTERNATE.	RIGHT-OF-WAY	FY 2023 -	\$512,000	(T)
EDGECOMBE	WIDEN TO THREE LANES.	UTILITIES	FY 2023 -	\$61,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2025 -	\$5,168,000	(T)
DIVISION	<u>REVENUE (HB 97).</u>		POST YR-	\$10,336,000	(T)
				\$16,077,000	
* W-5204DIV	VARIOUS, DIVISION 4 RUMBLE STRIPS, GUARDRAIL,	RIGHT-OF-WAY	FY 2016 -	\$405,000	(HSIP)
JOHNSTON	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED	CONSTRUCTION	FY 2016 -	<u>\$2,775,000</u>	(HSIP)
WILSON	LOCATIONS.			\$3,180,000	
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 16 AND CONSTRUCTION IN</u>				
DIVISION	<u>FY 16 NOT PREVIOUSLY PROGRAMMED.</u>				
* W-5204REG	VARIOUS, DIVISION 4 RUMBLE STRIPS, GUARDRAIL,	CONSTRUCTION	FY 2016 -	\$2,100,000	(HSIP)
JOHNSTON	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED			\$2,100,000	
WILSON	LOCATIONS.				
PROJ.CATEGORY	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
REGIONAL	<u>PROGRAMMED.</u>				

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 5

* AV-5794	PERSON COUNTY AIRPORT (TDF), RUNWAY 24.	CONSTRUCTION	FY 2022 -	\$981,000	(T)
PERSON	EXTEND PARALLEL TAXIWAY APPROXIMATELY 300		FY 2022 -	\$109,000	(O)
PROJ.CATEGORY	FEET.			\$1,090,000	
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>				
* B-5940	US 70 / NC 50 (GLENWOOD AVENUE), REHABILITATE	CONSTRUCTION	FY 2017 -	\$2,795,000	(T)
WAKE	BRIDGE 910084 AND BRIDGE 910091 OVER CRABTREE			\$2,795,000	
PROJ.CATEGORY	CREEK IN RALEIGH.				
STATEWIDE	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>				
* EB-5814	SR 3015 (AIRPORT BOULEVARD), MCCRIMMON	ENGINEERING	FY 2021 -	\$52,000	(TAP)
WAKE	PARKWAY TO FACTORY SHOPPES ROAD IN		FY 2021 -	\$13,000	(L)
PROJ.CATEGORY	MORRISVILLE. CONSTRUCT SIDEWALK.	CONSTRUCTION	FY 2023 -	\$208,000	(TAP)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>		FY 2023 -	\$52,000	(L)
				\$325,000	
* EB-5815	SR 2049 (FORESTVILLE ROAD), SR 2224 (MITCHELL	ENGINEERING	FY 2021 -	\$40,000	(TAP)
WAKE	MILL ROAD) TO SR 2982 (OLD COUNTRY LANE) IN		FY 2021 -	\$10,000	(L)
PROJ.CATEGORY	RALEIGH. SIDEWALK IMPROVEMENTS, INCLUDING	CONSTRUCTION	FY 2023 -	\$160,000	(TAP)
DIVISION	PEDESTRIAN SIGNALIZATION AND REFUGE ISLANDS,		FY 2023 -	\$40,000	(L)
	AND PAVED WALKWAY TO SCHOOL PROPERTY.			\$250,000	
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>				
* EB-5816	SR 2380 / NON- SYSTEM (EAST STRONACH AVENUE),	ENGINEERING	FY 2021 -	\$20,000	(TAP)
WAKE	SR 2406 (SHEPARD SCHOOL ROAD) TO SR 2344		FY 2021 -	\$5,000	(L)
PROJ.CATEGORY	(NORTH WHITLEY STREET) IN ZEBULON. CONSTRUCT	CONSTRUCTION	FY 2023 -	\$84,000	(TAP)
DIVISION	SIDEWALK ON NORTH SIDE OF STREET, WITH		FY 2023 -	\$21,000	(L)
	CONNECTION TO HOUSING AUTHORITY.			\$130,000	
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>				

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## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 5

* P-5706	NORFOLK SOUTHERN H LINE, EAST DURHAM SIDING.	RIGHT-OF-WAY	FY 2023 -	\$6,135,000	(T)
DURHAM	CONSTRUCT EXTENSION, TO INCLUDE COMBINATION	CONSTRUCTION	FY 2025 -	<u>\$28,582,000</u>	(T)
PROJ.CATEGORY	GRADE SEPARATIONS AND CLOSURES AT ELLIS ROAD			\$34,717,000	
REGIONAL	SOUTH END CROSSING (734737A), GLOVER ROAD				
	CROSSING (734735L), AND WRENN ROAD CROSSING				
	(734736T) IN DURHAM.				
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
	<u>REVENUE (HB 97).</u>				

* P-5707	CSX S LINE, CONSTRUCT GRADE SEPARATION AT	RIGHT-OF-WAY	FY 2018 -	\$1,890,000	(T)
WAKE	ROGERS ROAD EXTENSION CROSSING (633905Y) IN	CONSTRUCTION	FY 2020 -	\$9,000,000	(T)
PROJ.CATEGORY	WAKE FOREST.			\$10,890,000	
REGIONAL	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
	<u>REVENUE (HB 97).</u>				

* P-5708	NORFOLK SOUTHERN H LINE, CONSTRUCT GRADE	RIGHT-OF-WAY	FY 2022 -	\$2,520,000	(T)
WAKE	SEPARATION AT HARRISON AVENUE CROSSING	CONSTRUCTION	FY 2024 -	<u>\$12,000,000</u>	(T)
PROJ.CATEGORY	(734755X) IN CARY.			\$14,520,000	
REGIONAL	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
	<u>REVENUE (HB 97).</u>				

* P-5710	NORFOLK SOUTHERN H LINE, CONSTRUCT GRADE	RIGHT-OF-WAY	FY 2023 -	\$40,000,000	(T)
DURHAM	SEPARATIONS AT BLACKWELL STREET CROSSING	CONSTRUCTION	FY 2025 -	\$50,000,000	(T)
PROJ.CATEGORY	(735229N) AND US 15 / US 501 BUSINESS		POST YR-	<u>\$50,000,000</u>	(T)
REGIONAL	SOUTHBOUND (MANGUM STREET) CROSSING			\$140,000,000	
	(735231P) IN DURHAM.				
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
	<u>REVENUE (HB 97).</u>				

* U-5889	SR 1115 (AVENT FERRY ROAD), SR 1116 (CASS HOLT	RIGHT-OF-WAY	FY 2020 -	\$1,139,000	(T)
WAKE	ROAD) TO NC 55 BYPASS IN HOLLY SPRINGS. WIDEN	UTILITIES	FY 2020 -	\$137,000	(T)
PROJ.CATEGORY	TO MULTILANES, WITH INTERSECTION	CONSTRUCTION	FY 2022 -	<u>\$6,270,000</u>	(T)
DIVISION	IMPROVEMENTS AT SR 1116 (CASS HOLT ROAD),			\$7,546,000	
	SR 1101 (PINEY GROVE-WILBON ROAD) AND NC 55				
	BYPASS.				
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
	<u>REVENUE (HB 97).</u>				

\* INDICATES FEDERAL AMENDMENT

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## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 5

* U-5890	SR 1162 (DABNEY DRIVE), COBLE BOULEVARD TO US	RIGHT-OF-WAY	FY 2020 -	\$2,825,000	(T)
VANCE	158 BUSINESS IN HENDERSON. CORRIDOR UPGRADE.	UTILITIES	FY 2020 -	\$339,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2022 -	\$6,027,000	(T)
DIVISION	<u>REVENUE (HB 97).</u>			\$9,191,000	

* U-5891	NC 50 (CREEDMOOR ROAD), I-540 TO NORTH OF NC	RIGHT-OF-WAY	FY 2022 -	\$10,900,000	(T)
WAKE	98. WIDEN TO MULTILANE DIVIDED ROADWAY.		FY 2023 -	\$10,900,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>		FY 2024 -	\$10,900,000	(T)
REGIONAL	<u>REVENUE (HB 97).</u>	UTILITIES	FY 2022 -	\$1,308,000	(T)
			FY 2023 -	\$1,308,000	(T)
			FY 2024 -	\$1,308,000	(T)
		CONSTRUCTION	FY 2025 -	\$12,084,000	(T)
			POST YR-	\$24,168,000	(T)
				\$72,876,000	

## DIVISION 6

EB-5800	SR 2251 (OWEN DRIVE), US 301 TO ALL AMERICAN	CONSTRUCTION	FY 2017 -	\$360,000	(STP)
CUMBERLAND	EXPRESSWAY. CONSTRUCT SIDEWALK ON EAST SIDE.		FY 2017 -	\$90,000	(L)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$450,000	
DIVISION	<u>REVENUE (HB 97).</u>				

EB-5801	SR 1421 (SOUTH WILKES STREET), SR 1423 (WEST	ENGINEERING	FY 2022 -	\$8,000	(STP)
COLUMBUS	SMITH STREET) TO SR 1414 (WEST RAILROAD		FY 2022 -	\$2,000	(L)
PROJ.CATEGORY	AVENUE/GRISTS ROAD) IN CHADBOURN. CONSTRUCT	CONSTRUCTION	FY 2023 -	\$72,000	(STP)
DIVISION	SIDEWALK.		FY 2023 -	\$18,000	(L)
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$100,000	
	<u>REVENUE (HB 97).</u>				

EB-5802	US 421 (FRONT STREET), LAKESIDE DRIVE TO 9TH	ENGINEERING	FY 2021 -	\$14,000	(STP)
HARNETT	STREET IN LILLINGTON. CONSTRUCT SIDEWALK.		FY 2021 -	\$1,000	(L)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	RIGHT-OF-WAY	FY 2022 -	\$88,000	(L)
DIVISION	<u>REVENUE (HB 97).</u>	CONSTRUCTION	FY 2023 -	\$84,000	(STP)
			FY 2023 -	\$21,000	(L)
				\$208,000	

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 6

U-4404 CUMBERLAND PROJ.CATEGORY DIVISION	SR 1400 (CLIFFDALE ROAD), MCPHERSON CHURCH ROAD TO SR 1404 (MORGANTON ROAD). WIDEN TO MULTI-LANES. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$5,714,000 (T) FY 2023 - \$686,000 (T) FY 2025 - \$2,567,000 (T) POST YR- <u>\$5,133,000</u> (T)	
				\$14,100,000
U-4709 CUMBERLAND PROJ.CATEGORY DIVISION	SR 1112 (ROCKFISH ROAD) FROM SR 1115 (GOLFVIEW ROAD) TO NC 59 (MAIN STREET) AND SR 1115 (GOLFVIEW ROAD) FROM SR 1112 (ROCKFISH ROAD) TO NC 59 (MAIN STREET). WIDEN TO MULTI-LANES. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2024 - \$2,016,000 (T) FY 2024 - \$242,000 (T) POST YR- <u>\$9,804,000</u> (T)	
				\$12,062,000
U-5101 CUMBERLAND PROJ.CATEGORY DIVISION	SR 1437 (SHAW ROAD)/SR 1614 (SHAW MILL ROAD)/SR 1615 (ROSEHILL ROAD-STACEY WEAVER DRIVE), US 401 (RAMSEY STREET) TO NC 210 (MURCHISON ROAD). WIDEN ROADWAY AND CONSTRUCT PART ON NEW LOCATION. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$7,614,000 (T) FY 2023 - \$914,000 (T) POST YR- <u>\$27,951,000</u> (T)	
				\$36,479,000
* W-5206DIV CUMBERLAND PROJ.CATEGORY DIVISION	VARIOUS, DIVISION 6 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. <u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2016 - <u>\$320,000</u> (HSIP)	\$320,000
* W-5206REG HARNETT ROBESON PROJ.CATEGORY REGIONAL	VARIOUS, DIVISION 6 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. <u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2016 - \$580,000 (HSIP)	\$580,000

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 6

* W-5206SW CUMBERLAND PROJ.CATEGORY STATEWIDE	VARIOUS, DIVISION 6 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. <u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2016 -	\$3,045,000	(HSIP)
				\$3,045,000	

## DIVISION 7

* AV-5783 GUILFORD PROJ.CATEGORY STATEWIDE	PIEDMONT TRIAD INTERNATIONAL AIRPORT (GSO), RELOCATE AND UPGRADE ASR-9 FROM CURRENT LOCATION TO SITE OUTSIDE FUTURE AIRPORT EXPANSION AREA. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2021 -	\$500,000	(T)
			FY 2021 -	\$4,500,000	(O)
				\$5,000,000	

* I-5896 GUILFORD PROJ.CATEGORY DIVISION	I-85, SR 1113 (KIVETT DRIVE) NEAR HIGH POINT. CONVERT GRADE SEPARATION TO INTERCHANGE. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2024 - FY 2024 - POST YR-	\$930,000 \$100,000 \$10,260,000	(T) (T) (T)
				\$11,290,000	

* I-5898 ROCKINGHAM PROJ.CATEGORY REGIONAL	FUTURE I-73 / US 220, US 311 / NC 135 INTERCHANGE. WIDEN BRIDGE 780074 AND UPGRADE INTERCHANGE. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2022 -	\$300,000 \$30,000 \$1,875,000	(T) (T) (T)
				\$2,205,000	

* P-5709 GUILFORD PROJ.CATEGORY REGIONAL	NORFOLK SOUTHERN H LINE, CONSTRUCT GRADE SEPARATION AT FRANKLIN BOULEVARD CROSSING (722959A) IN GREENSBORO, AND CLOSE O'FERRELL STREET CROSSING (722961B). <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - FY 2023 -	\$1,848,000 \$8,800,000	(T) (T)
				\$10,648,000	

* R-4707 GUILFORD	US 29; SR 2526 (SUMMIT AVENUE), SR 2641 (BRYAN PARK ROAD) TO US 29 / SR 4771 (REEDY FORK PARKWAY) INTERCHANGE. IMPROVE ROADWAY AND MODIFY INTERCHANGE. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97) - SEE PART B BELOW FOR FUNDING / SCHEDULE.</u>				
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\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 7

* R-4707B GUILFORD PROJ.CATEGORY REGIONAL	US 29, SR 4771 (REEDY CREEK PARKWAY). MODIFY INTERCHANGE. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$2,800,000 (T) FY 2020 - \$982,000 (T) FY 2024 - \$10,325,000 (T) FY 2025 - \$10,325,000 (T) POST YR- <u>\$20,650,000</u> (T) \$45,082,000
* R-5766 ROCKINGHAM PROJ.CATEGORY DIVISION	NC 65 / NC 87, WEST OF SR 2371 (OLD COUNTY HOME ROAD) IN WENTWORTH TO US 158 / US 29 BUSINESS (FREEWAY DRIVE) IN REIDSVILLE. UPGRADE ROADWAY. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2024 - \$1,000,000 (T) FY 2024 - \$100,000 (T) POST YR- <u>\$33,744,000</u> (T) \$34,844,000
* R-5767 CASWELL PROJ.CATEGORY REGIONAL	NC 86, SR (WALTER'S MILL ROAD). CONSTRUCT LEFT TURN LANE ON NC 86. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2016 - \$45,000 (STP) FY 2016 - \$10,000 (STP) FY 2016 - <u>\$188,000</u> (STP) \$243,000
* U-5892 GUILFORD PROJ.CATEGORY REGIONAL	US 220 (BATTLEGROUND AVENUE), WESTRIDGE ROAD TO COTSWOLD AVENUE IN GREENSBORO. ADD LANES. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$2,151,000 (NHP) FY 2021 - \$2,150,000 (NHP) FY 2020 - \$258,000 (NHP) FY 2021 - \$258,000 (NHP) FY 2022 - \$5,529,000 (NHP) FY 2023 - <u>\$5,529,000</u> (NHP) \$15,875,000
* U-5893 ROCKINGHAM PROJ.CATEGORY REGIONAL	US 311 / NC 14 (SOUTH VAN BUREN ROAD), SR 2066 (KINGS HIGHWAY) IN EDEN. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$690,000 (T) FY 2021 - \$690,000 (T) FY 2020 - \$50,000 (T) FY 2021 - \$50,000 (T) FY 2022 - \$5,750,000 (T) \$7,230,000

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 7

* U-5894	SR 1595 (SURRETT DRIVE), SR 1592 (EDEN TERRACE)	RIGHT-OF-WAY	FY 2023 -	\$1,066,000	(T)
RANDOLPH	TO SR 1961 (WEST MARKET CENTER DRIVE) IN HIGH	UTILITIES	FY 2023 -	\$128,000	(T)
GUILFORD	POINT. WIDEN TO MULTILANES.	CONSTRUCTION	FY 2025 -	\$5,206,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>		POST YR-	\$10,412,000	(T)
DIVISION	<u>REVENUE (HB 97).</u>			\$16,812,000	
* U-5895	SR 1114 (BUCKHORN ROAD), SR 1144 (WEST TEN	RIGHT-OF-WAY	FY 2023 -	\$1,867,000	(T)
ORANGE	ROAD) TO US 70 NEAR MEBANE. WIDEN TO	UTILITIES	FY 2023 -	\$224,000	(T)
PROJ.CATEGORY	MULTILANES WITH BICYCLE AND PEDESTRIAN	CONSTRUCTION	FY 2025 -	\$4,275,000	(T)
DIVISION	ACCOMMODATIONS.		POST YR-	\$4,275,000	(T)
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$10,641,000	
	<u>REVENUE (HB 97).</u>				
* U-5896	US 29 / US 70 / BUSINESS 85, SR 1009 (SOUTH MAIN	RIGHT-OF-WAY	FY 2024 -	\$620,000	(NHP)
GUILFORD	STREET) IN HIGH POINT. RECONSTRUCT	UTILITIES	FY 2024 -	\$100,000	(NHP)
PROJ.CATEGORY	INTERCHANGE.	CONSTRUCTION	POST YR-	\$7,750,000	(NHP)
REGIONAL	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$8,470,000	
	<u>REVENUE (HB 97).</u>				
* U-5897	NC 68, SR 1008 (WEST MARKET STREET) TO FUTURE I-	RIGHT-OF-WAY	FY 2023 -	\$2,150,000	(T)
GUILFORD	73 IN GREENSBORO. ADD LANES.	UTILITIES	FY 2023 -	\$300,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2025 -	\$5,375,000	(T)
REGIONAL	<u>REVENUE (HB 97).</u>		POST YR-	\$16,125,000	(T)
				\$23,950,000	
* U-5898	US 29, NC 150. INTERCHANGE IMPROVEMENTS.	RIGHT-OF-WAY	FY 2019 -	\$40,000	(T)
GUILFORD	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	UTILITIES	FY 2019 -	\$10,000	(T)
PROJ.CATEGORY	<u>REVENUE (HB 97).</u>	CONSTRUCTION	FY 2020 -	\$500,000	(T)
REGIONAL				\$550,000	

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 8

I-5899 RICHMOND ROBESON SCOTLAND	FUTURE I-74 / US 74, US 74 ROCKINGHAM-HAMLET BYPASS IN RICHMOND COUNTY TO EXISTING I-74 IN ROBESON COUNTY. UPGRADE CORRIDOR TO INTERSTATE STANDARDS.				
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97) - SEE FOLLOWING BREAK FOR FUNDING.</u>				
* I-5899A SCOTLAND RICHMOND PROJ.CATEGORY REGIONAL	FUTURE I-74 / US 74, ROCKINGHAM-HAMLET BYPASS TO LAURINBURG BYPASS <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$10,000,000 (T) FY 2022 - \$1,000,000 (T) FY 2022 - \$18,981,000 (T) FY 2023 - \$18,981,000 (T) FY 2024 - \$18,981,000 (T) FY 2025 - \$18,981,000 (T)		\$86,924,000
* R-3333 SCOTLAND HOKE PROJ.CATEGORY DIVISION	US 401, US 401 BUSINESS NORTH OF LAURINBURG TO US 401 BUSINESS NORTHEAST OF RAEFORD. WIDEN TO MULTILANES. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2025 - \$13,563,000 (NHP) POST YR- \$27,126,000 (NHP) FY 2025 - \$1,628,000 (NHP) POST YR- \$3,255,000 (NHP) POST YR- \$117,078,000 (NHP)		\$162,650,000
* U-3628 MOORE PROJ.CATEGORY REGIONAL	NC 24 / NC 27, COURTHOUSE WEST OF NC 22 (MCNEILL STREET) TO US 15 / US 501 IN CARTHAGE. WIDEN TO THREE LANES WITH CURB AND GUTTER AND BICYCLE / PEDESTRIAN ACCOMMODATIONS. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$2,031,000 (STP) FY 2020 - \$244,000 (STP) FY 2022 - \$3,192,000 (STP)		\$5,467,000
<b>DIVISION 9</b>					
* EB-5810 FORSYTH PROJ.CATEGORY DIVISION	VARIOUS, BARBARA JANE AVENUE, BYERLY ROAD, AND BARRY STREET IN WINSTON-SALEM. CONSTRUCT SIDEWALKS. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97). FUNDING CONTINGENT ON RECEIPT OF LOCAL MATCH COMMITMENT FROM CITY.</u>	ENGINEERING CONSTRUCTION	FY 2016 - \$20,000 (SRTS) FY 2018 - \$200,000 (SRTS)		\$220,000

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 9

* EB-5811 FORSYTH PROJ.CATEGORY DIVISION	NEW MULTIUSE PATH, CONSTRUCT PEDESTRIAN BRIDGE OVER THE SALEM CREEK CONNECTOR. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97). FUNDING CONTINGENT ON RECEIPT OF LOCAL MATCH COMMITMENT FROM CITY.</u>	ENGINEERING CONSTRUCTION	FY 2016 - \$240,000 (SRTS) FY 2019 - \$2,400,000 (SRTS) \$2,640,000
* EB-5812 FORSYTH PROJ.CATEGORY DIVISION	SALEM CREEK GREENWAY, FORSYTH TECHNICAL COMMUNITY COLLEGE TO EXISTING GREENWAY AT MARKETPLACE MALL IN WINSTON-SALEM. CONSTRUCT GREENWAY. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97). FUNDING CONTINGENT ON RECEIPT OF LOCAL MATCH COMMITMENT FROM CITY.</u>	ENGINEERING CONSTRUCTION	FY 2016 - \$150,000 (SRTS) FY 2018 - \$1,500,000 (SRTS) \$1,650,000
* EB-5813 ROWAN PROJ.CATEGORY DIVISION	GRANT'S CREEK GREENWAY, LANDIS SPUR, SR 1210 (WEST RYDER AVENUE) TO WEST OF SR 1211 (KIMBALL ROAD) IN LANDIS. CONSTRUCT GREENWAY. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	ENGINEERING CONSTRUCTION	FY 2016 - \$8,000 (TAP) FY 2016 - \$2,000 (L) FY 2018 - \$160,000 (TAP) FY 2018 - \$40,000 (L) \$210,000
* I-0911A FORSYTH DAVIE PROJ.CATEGORY REGIONAL	I-40, WEST OF NC 801 IN DAVIE COUNTY TO SR 1101 (HARPER ROAD) IN FORSYTH COUNTY. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - \$125,000 (NHP) FY 2017 - \$70,000 (NHP) FY 2018 - \$14,500,000 (NHP) FY 2019 - \$14,500,000 (NHP) FY 2020 - \$14,500,000 (NHP) FY 2021 - \$14,500,000 (NHP) \$58,195,000
* I-3804 ROWAN PROJ.CATEGORY DIVISION	I-85, SR 1221 (OLD BEATTY FORD ROAD) NEAR LANDIS. CONVERT GRADE SEPARATION TO INTERCHANGE. <u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$1,950,000 (T) FY 2020 - \$200,000 (T) FY 2022 - \$7,100,000 (T) \$9,250,000

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 9

* R-5768	US 311, NC 65 IN WALNUT COVE. UPGRADE	RIGHT-OF-WAY	FY 2020 -	\$450,000	(STP)
STOKES	INTERSECTION AND IMPROVE RAILROAD CROSSING.	UTILITIES	FY 2020 -	\$100,000	(STP)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2023 -	<u>\$1,875,000</u>	(STP)
DIVISION	<u>REVENUE (HB 97).</u>			\$2,425,000	

* U-5899	NEW ROUTE, FORUM PARKWAY CONNECTOR, SR 3955	RIGHT-OF-WAY	FY 2020 -	\$994,000	(T)
FORSYTH	(FORUM PARKWAY) TO NC 66 (UNIVERSITY PARKWAY)	UTILITIES	FY 2020 -	\$119,000	(T)
PROJ.CATEGORY	IN RURAL HALL. CONSTRUCT 2-LANE ROADWAY ON	CONSTRUCTION	FY 2022 -	<u>\$3,192,000</u>	(T)
DIVISION	NEW LOCATION.			\$4,305,000	
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
	<u>REVENUE (HB 97).</u>				

* U-5900	NC 150, SR 1514 (AIRPORT ROAD) TO WEST OF	RIGHT-OF-WAY	FY 2025 -	\$7,099,000	(T)
ROWAN	GRANT'S CREEK IN SALISBURY. WIDEN TO		POST YR-	\$14,198,000	(T)
PROJ.CATEGORY	MULTILANES.	UTILITIES	FY 2025 -	\$852,000	(T)
REGIONAL	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>		POST YR-	\$1,704,000	(T)
	<u>REVENUE (HB 97).</u>	CONSTRUCTION	POST YR-	<u>\$14,934,000</u>	(T)
				\$38,787,000	

* U-5901	NEW ROUTE, AIRPORT PARKWAY, SR 1710 (HARRISON	RIGHT-OF-WAY	FY 2022 -	\$4,427,000	(T)
ROWAN	ROAD) NEAR US 70 / US 601 (JAKE ALEXANDER	UTILITIES	FY 2022 -	\$531,000	(T)
PROJ.CATEGORY	BOULEVARD) TO SR 2539 (PEACH ORCHARD ROAD) AT	CONSTRUCTION	FY 2025 -	\$8,322,000	(T)
DIVISION	US 29 IN SALISBURY. CONSTRUCT 2-LANE ROADWAY		POST YR-	<u>\$16,644,000</u>	(T)
	ON MULTILANE RIGHT OF WAY.			\$29,924,000	
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
	<u>REVENUE (HB 97).</u>				

U-5902	NC 150, US 64 TO FORSYTH COUNTY LINE. WIDEN TO				
DAVIDSON	MULTILANES.				
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>				
	<u>REVENUE (HB 97) - SEE FOLLOWING BREAK FOR</u>				
	<u>FUNDING.</u>				

\* INDICATES FEDERAL AMENDMENT

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## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 9

* U-5902B	NC 150, SR 1493 (FRYE BRIDGE ROAD) TO FORSYTH COUNTY LINE	RIGHT-OF-WAY	FY 2024 -	\$7,302,000	(T)
DAVIDSON		UTILITIES	FY 2024 -	\$876,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	POST YR-	<u>\$33,150,000</u>	(T)
REGIONAL	<u>REVENUE (HB 97).</u>			\$41,328,000	

## DIVISION 11

* EB-5798	US 221, MAIN STREET IN BLOWING ROCK TO MOSES H CONE MEMORIAL PARK AND BASS LAKE. CONSTRUCT SIDEWALK.	ENGINEERING	FY 2016 -	\$69,000	(FLAP)
WATAUGA			FY 2016 -	\$17,000	(L)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED WITH FEDERAL LANDS</u>	CONSTRUCTION	FY 2016 -	\$891,000	(FLAP)
EXEMPT	<u>ACCESS PROGRAM (FLAP) AND LOCAL FUNDING.</u>		FY 2016 -	<u>\$223,000</u>	(L)
				\$1,200,000	

* R-5759	NC 115, US 421 TO 2ND STREET. WIDEN EXISTING ROADWAY.	RIGHT-OF-WAY	FY 2022 -	\$5,300,000	(T)
WILKES		UTILITIES	FY 2022 -	\$600,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2024 -	\$10,400,000	(T)
DIVISION	<u>REVENUE (HB 97).</u>		FY 2025 -	<u>\$10,400,000</u>	(T)
				\$26,700,000	

* R-5772	SR 1001 (OAKWOODS ROAD), US 421 TO NC 268 (EAST MAIN STREET). UPGRADE EXISTING ROADWAY.	RIGHT-OF-WAY	FY 2022 -	\$7,300,000	(T)
WILKES		UTILITIES	FY 2022 -	\$900,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2024 -	<u>\$11,000,000</u>	(T)
DIVISION	<u>REVENUE (HB 97).</u>			\$19,200,000	

* R-5773	SR 1605 (EAST MAIN STREET), US 601 TO SR 1765 (UNIFI INDUSTRIAL ROAD). WIDEN TO 3-LANES.	RIGHT-OF-WAY	FY 2022 -	\$2,100,000	(T)
YADKIN		UTILITIES	FY 2022 -	\$300,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2024 -	<u>\$3,800,000</u>	(T)
DIVISION	<u>REVENUE (HB 97).</u>			\$6,200,000	

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 12

* EB-5791	NC 273 (HIGHLAND STREET), SR 2044 (TUCKASEEGEE ROAD) TO SUMMIT AVENUE. CONSTRUCT MISSING SIDEWALK ON BOTH SIDES OF ROAD.	CONSTRUCTION	FY 2019 -	\$344,000	(TAP)
GASTON			FY 2019 -	\$85,000	(L)
PROJ.CATEGORY				\$429,000	
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>				
* I-5895	I-85, US 321 (EXIT 17) TO US 74 (EXIT 10). WIDEN ROADWAY.	RIGHT-OF-WAY	FY 2022 -	\$5,600,000	(NHP)
GASTON		UTILITIES	FY 2022 -	\$700,000	(NHP)
PROJ.CATEGORY		CONSTRUCTION	FY 2024 -	\$29,500,000	(NHP)
STATEWIDE	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>		FY 2025 -	\$29,500,000	(NHP)
			POST YR-	\$59,000,000	(NHP)
				\$124,300,000	
* R-2403	NC 16, CATAWBA RIVER TO WILKES COUNTY LINE. UPGRADE TWO LANE ROADWAY.	RIGHT-OF-WAY	FY 2022 -	\$1,000,000	(T)
ALEXANDER		CONSTRUCTION	FY 2024 -	\$16,467,000	(T)
PROJ.CATEGORY			FY 2025 -	\$16,466,000	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>		POST YR-	\$16,467,000	(T)
				\$50,400,000	
* R-5762	INTERSECTION OF NC 16 AND SR 1609 (COUNTY HOME ROAD). CONSTRUCT INTERSECTION IMPROVMENTS.	RIGHT-OF-WAY	FY 2020 -	\$45,000	(T)
ALEXANDER		CONSTRUCTION	FY 2022 -	\$190,000	(T)
PROJ.CATEGORY				\$235,000	
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>				
* U-2221C	NC 180, SR 2052 TO NC 150. WIDEN TO MULTI-LANES.	RIGHT-OF-WAY	FY 2023 -	\$7,600,000	(T)
CLEVELAND		UTILITIES	FY 2023 -	\$900,000	(T)
PROJ.CATEGORY		CONSTRUCTION	FY 2025 -	\$2,725,000	(T)
REGIONAL	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>		POST YR-	\$8,175,000	(T)
				\$19,400,000	

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 12

* U-2307B	HICKORY, EAST SIDE THOROUGHFARE (MCDONALD	RIGHT-OF-WAY	FY 2023 -	\$9,200,000	(T)
CATAWBA	PARKWAY), SR 1453 (SPRINGS ROAD) TO NC 127.	UTILITIES	FY 2023 -	\$1,100,000	(T)
PROJ.CATEGORY	CONSTRUCT MULTI-LANE FACILITY.	CONSTRUCTION	FY 2025 -	\$8,900,000	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>		POST YR-	\$17,800,000	(T)
	<u>REVENUE (HB 97).</u>			\$37,000,000	

* U-5884	INTERSECTION OF NC 3 AND SR 1148 (KISTLER FARM	RIGHT-OF-WAY	FY 2020 -	\$45,000	(T)
IREDELL	ROAD). CONSTRUCT INTERSECTION IMPROVEMENTS.	CONSTRUCTION	FY 2022 -	\$190,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$235,000	
DIVISION	<u>REVENUE (HB 97).</u>				

## DIVISION 13

* EB-5793	NORTH GREEN STREET, US 64 TO WAMSUTTE MILL	ENGINEERING	FY 2020 -	\$16,000	(TAP)
BURKE	ROAD. CONSTRUCT SIDEWALK		FY 2020 -	\$4,000	(L)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	RIGHT-OF-WAY	FY 2021 -	\$20,000	(TAP)
DIVISION	<u>REVENUE (HB 97).</u>		FY 2021 -	\$5,000	(L)
		CONSTRUCTION	FY 2022 -	\$200,000	(TAP)
			FY 2022 -	\$50,000	(L)
				\$295,000	

* EB-5795	MCDOWELL STREET ALL SOULS CRESCENT,	ENGINEERING	FY 2020 -	\$60,000	(TAP)
BUNCOMBE	SOUTHSIDE AVENUE TO US 25 (HENDERSONVILLE		FY 2020 -	\$15,000	(L)
PROJ.CATEGORY	ROAD). CONSTRUCT DEDICATED ON-ROAD BICYCLE	CONSTRUCTION	FY 2021 -	\$173,000	(TAP)
DIVISION	LANE.		FY 2021 -	\$43,000	(L)
	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$291,000	
	<u>REVENUE (HB 97).</u>				

* EB-5796	BROADWAY STREET, NC 251 (RIVERSIDE DRIVE) TO I-	ENGINEERING	FY 2020 -	\$80,000	(TAP)
BUNCOMBE	240. CONSTRUCT BICYCLE IMPROVEMENTS.		FY 2020 -	\$20,000	(L)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2021 -	\$248,000	(TAP)
DIVISION	<u>REVENUE (HB 97).</u>		FY 2021 -	\$62,000	(L)
				\$410,000	

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 13

* R-5774	BLACK MOUNTAIN SOUTHEAST CONNECTOR, NC 9 TO	RIGHT-OF-WAY	FY 2023 -	\$1,300,000	(T)
BUNCOMBE	US 70 BUSINESS (SLATE STREET)/SR1522 (MCCOY	UTILITIES	FY 2023 -	\$150,000	(T)
PROJ.CATEGORY	COVE ROAD). CONSTRUCT ROADWAY ON NEW	CONSTRUCTION	FY 2025 -	<u>\$5,100,000</u>	(T)
DIVISION	LOCATION.			\$6,550,000	

NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).

## DIVISION 14

* AV-5776	WESTERN CAROLINA REGIONAL AIRPORT (RHP), LAND	RIGHT-OF-WAY	FY 2023 -	\$356,000	(T)
CHEROKEE	ACQUISITION IN RUNWAY 8 AND 26 RUNWAY		FY 2023 -	<u>\$40,000</u>	(O)
PROJ.CATEGORY	PROTECTION ZONE.			\$396,000	

NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).

* AV-5777	WESTERN CAROLINA REGIONAL AIRPORT (RHP), LAND	RIGHT-OF-WAY	FY 2023 -	\$726,000	(T)
CHEROKEE	ACQUISITION IN RUNWAY 26 RUNWAY PROTECTION		FY 2023 -	<u>\$81,000</u>	(O)
PROJ.CATEGORY	ZONE.			\$807,000	

NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).

* EB-5797	SR 1337 (WEST DEEP CREEK ROAD), SR 1336 TO	ENGINEERING	FY 2016 -	\$44,000	(FLAP)
SWAIN	GREAT SMOKY MOUNTAINS NATIONAL PARK		FY 2016 -	<u>\$11,000</u>	(L)
PROJ.CATEGORY	BOUNDARY. CONSTRUCT IMPROVEMENTS TO			\$55,000	
EXEMPT	ACCOMMODATE BICYCLES AND PEDESTRIANS.				

NEW PROJECT PROGRAMMED WITH FEDERAL LANDS ACCESS PROGRAM (FLAP) AND LOCAL FUNDING.

* R-2594	NC 215, US 64 AT CHERRYFIELD TO SR 1326	RIGHT-OF-WAY	FY 2022 -	\$3,500,000	(T)
TRANSYLVANIA	(MACEDONIA CHURCH ROAD) SOUTH OF BALSAM	UTILITIES	FY 2022 -	\$600,000	(T)
PROJ.CATEGORY	GROVE. TWO LANES ON NEW LOCATION.	CONSTRUCTION	POST YR-	<u>\$82,600,000</u>	(T)
DIVISION				\$86,700,000	

NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 14

* R-5763	SR 1540 (WILSON ROAD), SR 1504 (OLD US 64) TO US 276. UPGRADE ROADWAY.	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$100,000 (T) FY 2023 - <u>\$12,100,000</u> (T)
TRANSYLVANIA PROJ.CATEGORY DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>		\$12,200,000
* R-5764	SR 1546 (NEELY ROAD), SR 1504 (OLD US 64) TO SR 1544 (FRENCH BROAD STREET). UPGRADE ROADWAY.	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$100,000 (T) FY 2023 - <u>\$2,400,000</u> (T)
TRANSYLVANIA PROJ.CATEGORY DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>		\$2,500,000
* R-5765	SR 1116 (NORTH COUNTRY CLUB ROAD), BREVARD CITY LIMIT TO US 64. UPGRADE ROADWAY.	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$100,000 (T) FY 2023 - <u>\$3,000,000</u> (T)
TRANSYLVANIA PROJ.CATEGORY DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>		\$3,100,000
* R-5770	NC 143, TENNESSEE STATE LINE TO SR 1127 (JOYCE KILMER ROAD). PAVEMENT REHABILITATION.	ENGINEERING CONSTRUCTION	FY 2016 - \$152,000 (FLAP) FY 2016 - \$38,000 (O) FY 2016 - \$3,494,000 (FLAP) FY 2016 - <u>\$873,000</u> (O)
GRAHAM PROJ.CATEGORY EXEMPT	<u>NEW PROJECT PROGRAMMED WITH FEDERAL LANDS ACCESS PROGRAM (FLAP) FUNDING.</u>		\$4,557,000
* U-5886	SR 1170 (WHITE STREET), SR 1171 (WILLOW ROAD) TO US 176 (SPARTANBURG HIGHWAY). REALIGN AND EXTEND ROADWAY.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$3,500,000 (T) FY 2020 - \$400,000 (T) FY 2022 - <u>\$3,300,000</u> (T)
HENDERSON PROJ.CATEGORY DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>		\$7,200,000
* U-5887	SR 1783 (HIGHLAND LAKE ROAD), NC 225 TO US 176. UPGRADE ROADWAY.	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$100,000 (T) FY 2022 - <u>\$2,600,000</u> (T)
HENDERSON PROJ.CATEGORY DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97).</u>		\$2,700,000

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## DIVISION 14

* U-5888	INTERSECTION OF US 23 BUSINESS (NORTH MAIN	RIGHT-OF-WAY	FY 2020 -	\$950,000	(T)
HAYWOOD	STREET) AND WALNUT STREET. CONSTRUCT	UTILITIES	FY 2020 -	\$350,000	(T)
PROJ.CATEGORY	INTERSECTION IMPROVEMENTS.	CONSTRUCTION	FY 2022 -	<u>\$1,250,000</u>	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$2,550,000	
	<u>REVENUE (HB 97).</u>				

## STIP MODIFICATIONS

## DIVISION 1

AV-5769	TRI-COUNTY AIRPORT (ASJ), LAND ACQUISITION.	RIGHT-OF-WAY	FY 2022 -	\$450,000	(T)
HERTFORD	<u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 22.</u>		FY 2022 -	<u>\$50,000</u>	(O)
PROJ.CATEGORY	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>			\$500,000	
DIVISION	<u>ADDITIONAL REVENUE (HB 97).</u>				

AV-5770	ELIZABETH CITY COAST GUARD STATION (ECG),	CONSTRUCTION	FY 2022 -	\$3,660,000	(T)
PASQUOTANK	TAXIWAY REQUIREMENTS - SOUTHSIDE PARTIAL		FY 2022 -	<u>\$407,000</u>	(O)
PROJ.CATEGORY	PARALLEL TAXIWAY.			\$4,067,000	
DIVISION	<u>CONSTRUCTION ACCELERATED FROM FY 24 TO FY</u>				
	<u>22. PROJECT ACCELERATED IN THE PROGRAM DUE</u>				
	<u>TO ADDITIONAL REVENUE (HB 97).</u>				

AV-5771	PLYMOUTH MUNICIPAL AIRPORT (PMZ), TAXIWAY	CONSTRUCTION	FY 2022 -	\$477,000	(T)
WASHINGTON	TURNAROUND RUNWAY 3.		FY 2022 -	\$53,000	(O)
PROJ.CATEGORY	<u>CONSTRUCTION ACCELERATED FROM FY 24 TO FY</u>			\$530,000	
DIVISION	<u>22. PROJECT ACCELERATED IN THE PROGRAM DUE</u>				
	<u>TO ADDITIONAL REVENUE (HB 97).</u>				

AV-5772	TRI COUNTY AIRPORT (ASJ), CONSTRUCT TAXIWAY.	CONSTRUCTION	FY 2022 -	\$1,602,000	(T)
HERTFORD	<u>CONSTRUCTION ACCELERATED FROM FY 24 TO FY</u>		FY 2022 -	<u>\$178,000</u>	(O)
PROJ.CATEGORY	<u>22. PROJECT ACCELERATED IN THE PROGRAM DUE</u>			\$1,780,000	
DIVISION	<u>TO ADDITIONAL REVENUE (HB 97).</u>				

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 1

* B-4783 PASQUOTANK PROJ.CATEGORY DIVISION	SR 1103 (ESCLIP ROAD), REPLACE BRIDGE 690005 OVER BRANCH OF FLATTY CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 24 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 -	\$75,000 \$750,000	(STPOFF) (STPOFF)
				\$825,000	
* B-4919 NORTHAMPTON PROJ.CATEGORY DIVISION	SR 1500 (FIRE TOWER ROAD), REPLACE BRIDGE 650014 OVER POTECAZI CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 24 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 -	\$70,000 \$700,000	(STPOFF) (STPOFF)
				\$770,000	
* B-4920 NORTHAMPTON PROJ.CATEGORY DIVISION	SR 1505 (NCHS EAST ROAD), REPLACE BRIDGE 650015 OVER WILDCAT SWAMP. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 24 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 -	\$90,000 \$900,000	(STPOFF) (STPOFF)
				\$990,000	
B-5601 WASHINGTON PROJ.CATEGORY HWY FUNDS	NC 308, REPLACE BRIDGE 930011 OVER MACKEYS CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 21 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$300,000 \$3,000,000	(HFB) (HFB)
				\$3,300,000	
B-5602 HYDE PROJ.CATEGORY HWY FUNDS	US 264, REPLACE BRIDGE 470008 OVER BURGESS MILL CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 21 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$240,000 \$2,400,000	(HFB) (HFB)
				\$2,640,000	
* B-5603 HERTFORD PROJ.CATEGORY DIVISION	SR 1311 (BOONE'S BRIDGE ROAD), REPLACE BRIDGE 450137 OVER MEHERRIN RIVER OVERFLOW. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 18</u> <u>AND CONSTRUCTION FROM FY 24 TO FY 19.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2019 -	\$127,000 \$2,535,000	(STPOFF) (STPOFF)
				\$2,662,000	

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 1

B-5604	US 17 BUSINESS, REPLACE BRIDGE 710019 OVER	RIGHT-OF-WAY	FY 2018 -	\$210,000	(HFB)
PERQUIMANS	BRIGHTS MILL CREEK.	CONSTRUCTION	FY 2019 -	<u>\$2,100,000</u>	(HFB)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 18</u>			\$2,310,000	
HWY FUNDS	<u>AND CONSTRUCTION FROM FY 22 TO FY 19.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				
B-5606	SR 1338 (WYNNE FORK ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2018 -	\$185,000	(HFB)
PERQUIMANS	710011 OVER CASTLETON CREEK.	CONSTRUCTION	FY 2019 -	<u>\$1,850,000</u>	(HFB)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 18</u>			\$2,035,000	
HWY FUNDS	<u>AND CONSTRUCTION FROM FY 22 TO FY 19.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				
B-5609	SR 1137 (LIVERMAN MILL ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$180,000	(HFB)
HERTFORD	450028 OVER CUTAWHISKIE SWAMP.	CONSTRUCTION	FY 2018 -	\$1,825,000	(HFB)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17</u>			\$2,005,000	
HWY FUNDS	<u>AND CONSTRUCTION FROM FY 23 TO FY 18.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				
F-5700	NC 12, CONSTRUCT RIVER CLASS FERRY.	CONSTRUCTION	FY 2017 -	\$6,000,000	(FF)
HYDE	<u>ACCELERATED CONSTRUCTION FROM FY 19 TO FY</u>		FY 2018 -	\$6,000,000	(FF)
DARE	<u>17. PROJECT ACCELERATED IN THE PROGRAM DUE</u>			\$12,000,000	
PROJ.CATEGORY	<u>TO ADDITIONAL REVENUE (HB 97).</u>				
DIVISION					

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 1

R-2576	NEW ROUTE, MID-CURRITUCK BRIDGE, COINJOCK TO	RIGHT-OF-WAY	FY 2017 -	\$2,400,000	(S(M))
CURRITUCK	COROLLA. NEW STRUCTURE OVER CURRITUCK		FY 2018 -	\$2,400,000	(S(M))
PROJ.CATEGORY	SOUND AND UPGRADE APPROACHES.	UTILITIES	FY 2017 -	\$1,947,000	(STP)
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17</u>	CONSTRUCTION	FY 2017 -	\$9,113,000	(S(M))
	<u>AND CONSTRUCTION FROM FY 19 TO FY 17.</u>		FY 2017 -	\$59,379,000	(BOND R)
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>		FY 2018 -	\$9,113,000	(S(M))
	<u>ADDITIONAL REVENUE (HB 97).</u>		FY 2018 -	\$59,379,000	(BOND R)
			FY 2019 -	\$9,113,000	(S(M))
			FY 2019 -	\$59,379,000	(BOND R)
			FY 2020 -	\$9,113,000	(S(M))
			FY 2020 -	\$59,379,000	(BOND R)
		GARVEE CON.	FY 2017 -	\$9,382,000	(STP)
			FY 2018 -	\$9,382,000	(STP)
			FY 2019 -	\$9,382,000	(STP)
			FY 2020 -	\$9,382,000	(STP)
			FY 2021 -	\$9,382,000	(STP)
			FY 2022 -	\$9,382,000	(STP)
			FY 2023 -	\$9,382,000	(STP)
			FY 2024 -	\$9,382,000	(STP)
			FY 2025 -	\$9,382,000	(STP)
			POST YR-	\$56,292,000	(STP)
		GARVEE ROW	FY 2017 -	\$1,236,000	(STP)
			FY 2018 -	\$1,236,000	(STP)
			FY 2019 -	\$1,236,000	(STP)
			FY 2020 -	\$1,236,000	(STP)
			FY 2021 -	\$1,236,000	(STP)
			FY 2022 -	\$1,236,000	(STP)
			FY 2023 -	\$1,236,000	(STP)
			FY 2024 -	\$1,236,000	(STP)
			FY 2025 -	\$1,236,000	(STP)
			POST YR-	\$7,416,000	(STP)
				\$439,985,000	
R-5014	SR 1217 (COLLINGTON ROAD), DEAD END TO US 158	RIGHT-OF-WAY	FY 2017 -	\$500,000	(STP)
DARE	(CROATON HIGHWAY) IN KILL DEVIL HILLS.	UTILITIES	FY 2017 -	\$825,000	(STP)
PROJ.CATEGORY	OPERATIONAL-SAFETY IMPROVEMENTS.	CONSTRUCTION	FY 2019 -	\$10,800,000	(STP)
DIVISION	<u>DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO</u>			\$12,125,000	
	<u>ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN.</u>				

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 1

R-5716	SR 1300 (NEW HOPE ROAD), SR 1302 (UNION HALL ROAD) TO SR 1303 (WOODLAND CHURCH ROAD).	RIGHT-OF-WAY	FY 2017 -	\$100,000	(T)
PERQUIMANS	WIDEN AND RESURFACE.	CONSTRUCTION	FY 2018 -	\$1,114,000	(T)
PROJ.CATEGORY				\$1,214,000	
DIVISION	<u>CONSTRUCTION ACCELERATED FROM FY 19 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

R-5738	SR 1208 (WEST KITTY HAWK ROAD), SR 1210 (BOB PERRY ROAD) TO IVY LANE. UPGRADE FACILITY AND REPLACE BRIDGE 270040.	RIGHT-OF-WAY	FY 2019 -	\$100,000	(T)
DARE		CONSTRUCTION	FY 2021 -	\$2,736,000	(T)
PROJ.CATEGORY				\$2,836,000	
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 19 AND CONSTRUCTION FROM FY 23 TO FY 21 DUE TO ADDITIONAL REVENUE (HB 97).</u>				

R-5739	NC 46, NC 48 IN GASTON TO THE VIRGINIA STATE LINE. UPGRADE AND WIDEN EXISTING FACILITY.	RIGHT-OF-WAY	FY 2020 -	\$100,000	(T)
NORTHAMPTON		CONSTRUCTION	FY 2022 -	\$8,587,000	(T)
PROJ.CATEGORY				\$8,687,000	
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 20 AND CONSTRUCTION FROM FY 23 TO FY 22. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

## DIVISION 2

* B-4528	SR 1149 (WARRENTOWN ROAD), REPLACE BRIDGE 390025 OVER TYSON MARSH.	RIGHT-OF-WAY	FY 2017 -	\$145,000	(STPOFF)
GREENE		CONSTRUCTION	FY 2018 -	\$1,450,000	(STPOFF)
PROJ.CATEGORY				\$1,595,000	
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

* B-4530	SR 1222 (BEAMAN OLD CREEK ROAD), REPLACE BRIDGE 390013 OVER BEAMAN RUN.	RIGHT-OF-WAY	FY 2017 -	\$90,000	(STPOFF)
GREENE		CONSTRUCTION	FY 2018 -	\$900,000	(STPOFF)
PROJ.CATEGORY				\$990,000	
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

B-4563	SR 1301 (PINE STATE ROAD), REPLACE BRIDGE 510006 OVER BIG CHINQUAPIN CREEK.	RIGHT-OF-WAY	FY 2017 -	\$135,000	(HFB)
JONES		CONSTRUCTION	FY 2018 -	\$1,350,000	(HFB)
PROJ.CATEGORY				\$1,485,000	
HWY FUNDS	<u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 2

B-5300 BEAUFORT PROJ.CATEGORY HWY FUNDS	US 264, REPLACE BRIDGE 060055 OVER PANTEGO CREEK. <u>CONSTRUCTION ACCELERATED FROM FY 17 TO FY 16. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2016 -	\$1,200,000	(HFB)
				\$1,200,000	
B-5617 CRAVEN PROJ.CATEGORY HWY FUNDS	SR 1464 (PUGHTOWN ROAD), REPLACE BRIDGE 240041 OVER SWIFT CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$165,000 \$1,625,000	(HFB) (HFB)
				\$1,790,000	
B-5618 BEAUFORT PROJ.CATEGORY HWY FUNDS	SR 1949 (LABOR CAMP ROAD), REPLACE BRIDGE 060315 OVER DURHAM CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$170,000 \$1,675,000	(HFB) (HFB)
				\$1,845,000	
B-5620 BEAUFORT PROJ.CATEGORY HWY FUNDS	NC 33, REPLACE BRIDGE 060030 OVER CAMPBELL CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$120,000 \$1,200,000	(HFB) (HFB)
				\$1,320,000	
R-5702 PITT PROJ.CATEGORY REGIONAL	NC 11, SR 1110 (HANRAHAN ROAD). UPGRADE INTERSECTION. <u>RIGHT-OF-WAY ACCELERATED FROM FY 18 TO FY 17 AND CONSTRUCTION FROM FY 20 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$500,000 \$2,500,000	(T) (T)
				\$3,000,000	
R-5703 LENOIR PROJ.CATEGORY REGIONAL	NC 148 (HARVEY PARKWAY), NC 58 TO NC 11. CONSTRUCT MULTI-LANE FACILITY ON NEW LOCATION. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 19. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2019 - FY 2020 - FY 2021 -	\$5,332,000 \$640,000 \$18,963,000 \$18,963,000 \$18,963,000	(T) (T) (T) (T) (T)
				\$62,861,000	

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## DIVISION 2

R-5727 CARTERET PROJ.CATEGORY DIVISION	SR 1176 (BRIDGES STREET EXTENSION), SR 1738 (BRIDGES STREET) TO SR 1147 (MCCABE ROAD). WIDEN EXISTING ROADWAY AND CONSTRUCT PART ON NEW LOCATION. <u>CONSTRUCTION ACCELERATED FROM FY 25 TO FY 24. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$5,491,000 (T) FY 2023 - \$5,491,000 (T) FY 2022 - \$1,318,000 (T) FY 2024 - \$10,640,000 (T) FY 2025 - \$10,640,000 (T) POST YR- \$10,640,000 (T) \$44,220,000
U-2817 PITT PROJ.CATEGORY DIVISION	SR 1700 (EVANS STREET/ OLD TAR ROAD), SR 1711 (WORTHINGTON ROAD) IN WINTERVILLE TO US 264A (GREENVILLE BOULEVARD) IN GREENVILLE. WIDEN TO MULTI-LANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 19 AND CONSTRUCTION FROM FY 25 TO FY 21. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$6,420,000 (STP) FY 2020 - \$6,420,000 (STP) FY 2019 - \$750,000 (STP) FY 2020 - \$750,000 (STP) FY 2021 - \$11,433,000 (STP) FY 2022 - \$11,433,000 (STP) FY 2023 - \$11,434,000 (STP) \$48,640,000
U-5730 PITT PROJ.CATEGORY REGIONAL	US 13 (MEMORIAL DRIVE), NC 43 (5TH STREET). UPGRADE INTERSECTION. <u>RIGHT-OF-WAY ACCELERATED FROM FY 18 TO FY 17 AND CONSTRUCTION FROM FY 20 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$200,000 (T) FY 2018 - \$2,000,000 (T) \$2,200,000
U-5785 PITT PROJ.CATEGORY DIVISION	SR 1708 (FIRETOWER ROAD), NC 43 (CHARLES BOULEVARD) TO SR 1704 (FOURTEENTH STREET) IN GREENVILLE. WIDEN TO MULTI-LANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 19. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - \$1,494,000 (T) FY 2017 - \$179,000 (T) FY 2019 - \$1,520,000 (T) FY 2020 - \$1,520,000 (T) FY 2021 - \$1,520,000 (T) \$6,233,000
U-5860 BEAUFORT PROJ.CATEGORY DIVISION	SR 1306 (15TH STREET), US 17 BUSINESS (CAROLINA AVENUE) TO BROWN STREET. WIDEN TO MULTI- LANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 19. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - \$5,885,000 (T) FY 2017 - \$706,000 (T) FY 2019 - \$4,805,000 (T) FY 2020 - \$4,804,000 (T) \$16,200,000

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U-5870	SR 1708 (FIRETOWER ROAD), SR 1704 (FOURTEENTH STREET) TO NC 33 (EAST 10TH STREET) IN GREENVILLE. WIDEN TO MULTI-LANES.	RIGHT-OF-WAY	FY 2017 -	\$2,768,000	(T)
PITT			FY 2018 -	\$2,767,000	(T)
PROJ.CATEGORY		UTILITIES	FY 2017 -	\$332,000	(T)
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 25 TO FY 17 AND CONSTRUCTION FROM UNFUNDED TO FY 19. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>		FY 2018 -	\$332,000	(T)
		CONSTRUCTION	FY 2019 -	\$5,852,000	(T)
			FY 2020 -	\$5,852,000	(T)
			FY 2021 -	\$5,852,000	(T)
				\$23,755,000	

## DIVISION 3

B-5236	SR 1100 (RIVER ROAD), REPLACE BRIDGE 640019 OVER LORDS CREEK.	RIGHT-OF-WAY	FY 2017 -	\$175,000	(HFB)
NEW HANOVER		UTILITIES	FY 2017 -	\$77,000	(HFB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	CONSTRUCTION	FY 2018 -	\$1,000,000	(HFB)
HWY FUNDS				\$1,252,000	

R-2303E	NC 24, US 421/US 701/SR 1296 (SUNSET AVENUE) TO WEST OF SR 1920 (MOLTONVILLE ROAD). FOUR LANES DIVIDED, PART ON NEW LOCATION.	RIGHT-OF-WAY	FY 2017 -	\$7,250,000	(T)
SAMPSON		CONSTRUCTION	FY 2019 -	\$9,167,000	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM UNFUNDED TO FY 17 AND CONSTRUCTION FROM UNFUNDED TO FY 19. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>		FY 2020 -	\$9,167,000	(T)
DIVISION			FY 2021 -	\$9,168,000	(T)
				\$34,752,000	

U-3831	SR 2048 (GORDON ROAD), NC 132 INTERCHANGE RAMP TO WEST OF US 17 BUSINESS (MARKET STREET) IN WILMINGTON. WIDEN TO MULTI-LANES.	RIGHT-OF-WAY	FY 2021 -	\$4,200,000	(T)
NEW HANOVER		CONSTRUCTION	FY 2023 -	\$13,100,000	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 21 AND CONSTRUCTION FROM FY 24 TO FY 23. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>			\$17,300,000	
DIVISION					

U-4902C	US 17 BUSINESS (MARKET STREET), MARTIN LUTHER KING, JR. BOULEVARD TO STATION ROAD. ACCESS MANAGEMENT IMPROVEMENTS.	RIGHT-OF-WAY	FY 2016 -	\$125,000	(T)
NEW HANOVER		CONSTRUCTION	FY 2018 -	\$1,700,000	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 18 TO FY 16 AND CONSTRUCTION FROM FY 20 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>		FY 2019 -	\$1,700,000	(T)
STATEWIDE				\$3,525,000	

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## DIVISION 3

U-4902D NEW HANOVER PROJ.CATEGORY STATEWIDE	US 17 BUSINESS (MARKET STREET), LENDIRE ROAD TO SR 2734 (MARSH OAKS DRIVE). ACCESS MANAGEMENT IMPROVEMENTS. <u>RIGHT-OF-WAY ACCELERATED FROM FY 18 TO FY 16 AND CONSTRUCTION FROM FY 20 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$250,000 (T) FY 2018 - \$3,150,000 (T) FY 2019 - \$3,150,000 (T) \$6,550,000
U-5319 ON SLOW PROJ.CATEGORY TRANSITION	SR 1308 (GUM BRANCH ROAD), SR 1470 (WESTERN BOULEVARD) IN JACKSONVILLE. INSTALL DUAL LEFT TURN MOVEMENT FOR SOUTHBOUND SR 1308. <u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 19 AND CONSTRUCTION FROM FY 15 TO FY 20 TO ALLOW ADDITIONAL TIME TO MODIFY SCOPE OF PROJECT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$180,000 (STP) FY 2020 - \$750,000 (STP) \$930,000
U-5710 NEW HANOVER PROJ.CATEGORY STATEWIDE	US 74 (EASTWOOD ROAD), SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION IN WILMINGTON. CONVERT AT- GRADE INTERSECTION TO AN INTERCHANGE. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 19 AND CONSTRUCTION FROM FY 22 TO FY 21. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$2,430,000 (NHP) FY 2020 - \$2,430,000 (NHP) FY 2021 - \$6,750,000 (NHP) FY 2022 - \$6,750,000 (NHP) FY 2023 - \$6,750,000 (NHP) \$25,110,000
U-5716 ON SLOW PROJ.CATEGORY STATEWIDE	NC 24, US 258 (RICHLANDS HIGHWAY) INTERSECTION. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 19 AND CONSTRUCTION FROM FY 22 TO FY 21. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$1,095,000 (NHP) FY 2020 - \$1,095,000 (NHP) FY 2021 - \$11,742,000 (NHP) FY 2022 - \$11,742,000 (NHP) FY 2023 - \$11,742,000 (NHP) \$37,416,000
U-5719 ON SLOW PROJ.CATEGORY STATEWIDE	US 258 (RICHLANDS HIGHWAY), SR 1219 (BLUE CREEK ROAD)/SR 1396 (RIDGE ROAD). REALIGN INTERSECTIONS TO FORM ONE AT-GRADE INTERSECTION. <u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 16 AND CONSTRUCTION FROM FY 21 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$360,000 (T) FY 2017 - \$1,500,000 (T) \$1,860,000

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U-5728	US 17 BUSINESS (MARINE BOULEVARD), SR 1308	RIGHT-OF-WAY	FY 2018 -	\$90,000	(T)
ON SLOW	(BELL FORK ROAD) IN JACKSONVILLE. IMPROVE	CONSTRUCTION	FY 2020 -	<u>\$375,000</u>	(T)
PROJ.CATEGORY	INTERSECTION.			\$465,000	
REGIONAL	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>				
U-5729	US 421 (CAROLINA BEACH ROAD), US 421 (BURNETT	RIGHT-OF-WAY	FY 2018 -	\$3,000,000	(T)
NEW HANOVER	AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN	UTILITIES	FY 2018 -	\$275,000	(T)
PROJ.CATEGORY	WILMINGTON. UPGRADE ROADWAY.	CONSTRUCTION	FY 2021 -	<u>\$10,000,000</u>	(T)
REGIONAL	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 18</u> <u>AND CONSTRUCTION DELAYED FROM FY 20 TO FY 21</u> <u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>				
U-5731	US 74, US 17/US 421 IN WILMINGTON. CONSTRUCT A	RIGHT-OF-WAY	FY 2021 -	\$3,000,000	(T)
NEW HANOVER	FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.	CONSTRUCTION	FY 2022 -	<u>\$12,500,000</u>	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 21</u>			\$15,500,000	
REGIONAL	<u>AND CONSTRUCTION FROM FY 24 TO FY 22.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>				
U-5732	US 17, SR 1582 (WASHINGTON ACRES ROAD) TO SR	RIGHT-OF-WAY	FY 2018 -	\$4,724,000	(T)
PENDER	1563 (SLOOP POINT LOOP ROAD). CONVERT TO	UTILITIES	FY 2018 -	\$567,000	(T)
PROJ.CATEGORY	SUPERSTREET.	CONSTRUCTION	FY 2020 -	\$4,706,000	(T)
REGIONAL	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 18</u> <u>AND CONSTRUCTION FROM FY 21 TO FY 20.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>				
			FY 2021 -	\$4,706,000	(T)
			FY 2022 -	<u>\$4,707,000</u>	(T)
				\$19,410,000	
U-5736	NC 53 (WESTERN BOULEVARD), US 17 (MARINE	RIGHT-OF-WAY	FY 2019 -	\$2,000,000	(T)
ON SLOW	BOULEVARD) TO NC 24 (LEJEUNE BOULEVARD) IN	UTILITIES	FY 2019 -	\$80,000	(T)
PROJ.CATEGORY	JACKSONVILLE. CONSTRUCT ACCESS MANAGEMENT	CONSTRUCTION	FY 2021 -	<u>\$13,452,000</u>	(T)
REGIONAL	IMPROVEMENTS.			\$15,532,000	
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 22 TO FY 21.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>				

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U-5739	US 258 (RICHLANDS HIGHWAY), SR 1212 (PONY FARM ROAD) TO NC 53 (BURGAW HIGHWAY). CONSTRUCT SUPERSTREET.	RIGHT-OF-WAY	FY 2018 -	\$1,750,000	(T)
ON SLOW		UTILITIES	FY 2018 -	\$210,000	(T)
PROJ.CATEGORY		CONSTRUCTION	FY 2020 -	\$4,218,000	(T)
REGIONAL			FY 2021 -	\$4,218,000	(T)
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 18 AND CONSTRUCTION FROM FY 23 TO FY 20.</u>		FY 2022 -	\$4,218,000	(T)
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>			\$14,614,000	

U-5788	US 17 BUSINESS (MAIN STREET), WALL STREET/SHALLOTTE AVENUE. REALIGN INTERSECTION.	RIGHT-OF-WAY	FY 2017 -	\$50,000	(T)
BRUNSWICK		CONSTRUCTION	FY 2019 -	\$542,000	(T)
PROJ.CATEGORY				\$592,000	
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 18 TO FY 17.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

U-5862	US 17 (SHALLOTTE BYPASS), SR 1357 (SMITH AVENUE). UPGRADE INTERSECTION TO INTERCHANGE.	RIGHT-OF-WAY	FY 2020 -	\$1,380,000	(T)
BRUNSWICK		CONSTRUCTION	FY 2021 -	\$5,750,000	(T)
PROJ.CATEGORY				\$7,130,000	
REGIONAL	<u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 20 AND CONSTRUCTION FROM FY 23 TO FY 21.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

U-5863	NC 133 (CASTLE HAYNE ROAD), I-140/US 17 (WILMINGTON BYPASS) TO SR 1310 (DIVISION DRIVE) IN WILMINGTON. WIDEN TO MULTI-LANES.	RIGHT-OF-WAY	FY 2021 -	\$965,000	(T)
NEW HANOVER		UTILITIES	FY 2021 -	\$116,000	(T)
PROJ.CATEGORY		CONSTRUCTION	FY 2023 -	\$9,272,000	(T)
REGIONAL			FY 2024 -	\$9,272,000	(T)
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 21 AND CONSTRUCTION FROM FY 24 TO FY 23.</u>		FY 2025 -	\$9,272,000	(T)
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>			\$28,897,000	

## DIVISION 4

* B-4562	SR 2143 (BEULAHTOWN ROAD), REPLACE BRIDGE 500216 OVER LITTLE BUFFALO CREEK.	RIGHT-OF-WAY	FY 2017 -	\$125,000	(STPOFF)
JOHNSTON		CONSTRUCTION	FY 2018 -	\$625,000	(STPOFF)
PROJ.CATEGORY			FY 2019 -	\$625,000	(STPOFF)
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 18.</u>			\$1,375,000	
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

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B-4771 JOHNSTON PROJ.CATEGORY HWY FUNDS	SR 1201 (RICHARDSON BRIDGE ROAD), REPLACE BRIDGE 500011 OVER MILL CREEK. <u>CONSTRUCTION ACCELERATED FROM FY 18 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$240,000 (HFB) FY 2017 - <u>\$2,400,000</u> (HFB) \$2,640,000
* B-5654 JOHNSTON PROJ.CATEGORY DIVISION	SR 1550 (WINSTON ROAD), REPLACE BRIDGE 500141 OVER WHITE OAK CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$30,000 (STPOFF) FY 2018 - \$302,000 (STPOFF) FY 2019 - <u>\$302,000</u> (STPOFF) \$634,000
* B-5656 WAYNE PROJ.CATEGORY DIVISION	SR 1127 (HERRING ROAD), REPLACE BRIDGE 950133 OVER YELLOW SWAMP. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$21,000 (STPOFF) FY 2018 - <u>\$415,000</u> (STPOFF) \$436,000
* B-5657 HALIFAX PROJ.CATEGORY DIVISION	SR 1001 (JUSTICE BRANCH ROAD), REPLACE BRIDGE 410015 OVER BEAVERDAM SWAMP. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$29,000 (STPOFF) FY 2017 - <u>\$588,000</u> (STPOFF) \$617,000
* B-5658 NASH PROJ.CATEGORY DIVISION	SR 1310 (TAYLOR'S GIN ROAD), REPLACE BRIDGE 630126 OVER BIG PEACHTREE CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17 AND CONSTRUCTION FROM FY 24 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$31,000 (STPOFF) FY 2017 - \$315,000 (STPOFF) FY 2018 - <u>\$314,000</u> (STPOFF) \$660,000

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* B-5659 JOHNSTON PROJ.CATEGORY DIVISION	SR 1738 (EATMON ROAD), REPLACE BRIDGE 500432 OVER CATTAIL CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$16,000 (STPOFF) FY 2018 - \$155,000 (STPOFF) FY 2019 - \$155,000 (STPOFF) \$326,000
* B-5660 HALIFAX PROJ.CATEGORY DIVISION	SR 1100 (BELLS BRIDGE ROAD), REPLACE BRIDGE 410065 OVER DEEP CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17 AND CONSTRUCTION FROM FY 24 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$68,000 (STPOFF) FY 2017 - \$1,368,000 (STPOFF) \$1,436,000
B-5661 JOHNSTON PROJ.CATEGORY HWY FUNDS	SR 2123 (OLD DAM ROAD), REPLACE BRIDGE 500243 OVER LITTLE RIVER. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17 AND CONSTRUCTION FROM FY 24 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$95,000 (HFB) FY 2018 - \$925,000 (HFB) \$1,020,000
B-5663 JOHNSTON PROJ.CATEGORY HWY FUNDS	SR 1124 (REEDY POND CHURCH ROAD), REPLACE BRIDGE 500046 OVER MILL CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$110,000 (HFB) FY 2018 - \$1,100,000 (HFB) \$1,210,000
B-5665 HALIFAX PROJ.CATEGORY HWY FUNDS	SR 1309 (SPRUILLS BRIDGE ROAD), REPLACE BRIDGE 410138 OVER LITTLE FISHING CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17 AND CONSTRUCTION FROM FY 24 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$25,000 (HFB) FY 2018 - \$234,000 (HFB) \$259,000

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B-5667 JOHNSTON PROJ.CATEGORY HWY FUNDS	SR 2159 (BOTTLENECK ROAD), REPLACE BRIDGE 500231 OVER LITTLE BUFFALO CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 24 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$70,000 (HFB) FY 2018 - \$712,000 (HFB)	\$782,000
B-5672 HALIFAX PROJ.CATEGORY HWY FUNDS	SR 1310 (AIRLIE ROAD), REPLACE BRIDGE 910134 OVER BEAR SWAMP. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 24 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$100,000 (HFB) FY 2018 - \$958,000 (HFB)	\$1,058,000
I-5761 NASH PROJ.CATEGORY STATEWIDE	I-95, SR 1700 (OAK LEVEL ROAD) (MILE POST 135.7) TO SR 1770 (SUNSET AVENUE) (MILE POST 137.4). PAVEMENT REHABILITATION. <u>CONSTRUCTION ACCELERATED FROM FY 17 TO FY</u> <u>16. PROJECT ACCELERATED IN THE PROGRAM DUE</u> <u>TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2016 - \$1,900,000 (NHPIM) \$1,900,000	
R-3618 JOHNSTON PROJ.CATEGORY DIVISION	NEW ROUTE, SR 1553 (SHOTWELL ROAD) SOUTHWEST OF US 70 TO NC 42 EAST OF CLAYTON. CONSTRUCT TWO LANE ROAD ON MULTI-LANE RIGHT OF WAY. <u>RIGHT-OF-WAY ACCELERATED FROM FY 24 TO FY 23</u> <u>AND CONSTRUCTION FROM UNFUNDED TO FY 25.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$6,665,000 (T) FY 2024 - \$6,665,000 (T) FY 2023 - \$1,600,000 (T) FY 2025 - \$6,400,000 (T) POST YR- \$6,400,000 (T)	\$27,730,000
R-5718 JOHNSTON PROJ.CATEGORY DIVISION	SR 1003 (BUFFALO ROAD), US 70 TO SR 1934 (OLD BEULAH ROAD). WIDEN TO THREE LANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 21 TO FY 19.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - \$560,000 (T) FY 2017 - \$67,000 (T) FY 2019 - \$2,204,000 (T) FY 2020 - \$2,204,000 (T) FY 2021 - \$2,204,000 (T)	\$7,239,000
R-5719 WAYNE PROJ.CATEGORY DIVISION	US 117, SR 1135 (COUNTRY CLUB ROAD). CONSTRUCT INTERCHANGE WITH US 117. <u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 21 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$1,380,000 (T) FY 2017 - \$10,260,000 (T)	\$11,640,000

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R-5722	SR 1913 (WILSON'S MILLS ROAD), SR 1501 (SWIFT CREEK ROAD) TO EAST OF SR 1908 (FIRE DEPARTMENT ROAD). INTERSECTION IMPROVEMENTS AT WILSON'S MILLS ELEMENTARY SCHOOL.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2017 -	\$192,000 \$23,000 \$864,000	(T) (T) (T)
JOHNSTON				\$1,079,000	
PROJ.CATEGORY					
DIVISION					
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 18 TO FY 17 AND CONSTRUCTION FROM FY 20 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				
U-2714	US 117, US 70 BYPASS TO SR 1306 (FEDELON TRAIL) IN GOLDSBORO. WIDEN ROADWAY AND MAKE SAFETY IMPROVEMENTS.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2018 - FY 2019 -	\$890,000 \$107,000 \$9,975,000 \$9,975,000	(NHP) (NHP) (NHP) (NHP)
WAYNE				\$20,947,000	
PROJ.CATEGORY					
REGIONAL					
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17 AND CONSTRUCTION FROM FY 20 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				
U-4407	US 70 BUSINESS (EAST ASH STREET), SR 1579 (BERKELEY BOULEVARD) EAST TO US 70 BYPASS IN GOLDSBORO. WIDEN TO MULTI-LANES.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2021 -	\$2,772,000 \$333,000 \$18,700,000	(T) (T) (T)
WAYNE				\$21,805,000	
PROJ.CATEGORY					
REGIONAL					
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 19 AND CONSTRUCTION FROM FY 22 TO FY 21. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				
U-4762	SR 1250 (SPRINGFIELD ROAD), US 64 ALTERNATE TO SR 1243 (LEGGETT ROAD). WIDEN TO MULTI-LANES.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2018 -	\$1,023,000 \$123,000 \$5,358,000	(T) (T) (T)
EDGEcombe				\$6,504,000	
PROJ.CATEGORY					
DIVISION					
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				
U-5724	US 13 (BERKELEY BOULEVARD, REALIGNMENT OF SR 1709 (CENTRAL HEIGHTS ROAD) AT BERKELEY BOULEVARD IN GOLDSBORO.	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2019 -	\$270,000 \$1,125,000	(T) (T)
WAYNE				\$1,395,000	
PROJ.CATEGORY					
REGIONAL					
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 19. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

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U-5794	SR 1309 (BLOOMERY ROAD)/SR 1382 (PACKHOUSE ROAD), US 264 ALTERNATE TO NC 58. WIDEN AND UPGRADE FACILITY.	RIGHT-OF-WAY	FY 2017 -	\$100,000	(T)
WILSON		CONSTRUCTION	FY 2018 -	\$13,908,000	(T)
PROJ.CATEGORY				\$14,008,000	
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

U-5795	SR 2302 (RICKS ROAD), US 70 TO US 301. WIDEN TO THREE LANES.	RIGHT-OF-WAY	FY 2017 -	\$605,000	(T)
JOHNSTON		UTILITIES	FY 2017 -	\$73,000	(T)
PROJ.CATEGORY		CONSTRUCTION	FY 2018 -	\$3,306,000	(T)
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

U-5796	US 117, SR 1120 (O'BERRY ROAD) IN GOLDSBORO. CONSTRUCT INTERCHANGE.	RIGHT-OF-WAY	FY 2016 -	\$1,380,000	(T)
WAYNE		CONSTRUCTION	FY 2017 -	\$7,296,000	(T)
PROJ.CATEGORY				\$8,676,000	
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 18 TO FY 16 AND CONSTRUCTION FROM FY 20 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

## DIVISION 5

* B-5330	SR 1413 (SUTTON ROAD), REPLACE BRIDGE 340107 OVER DEVIL CRADLE CREEK.	RIGHT-OF-WAY	FY 2017 -	\$135,000	(HFB)
FRANKLIN		CONSTRUCTION	FY 2017 -	\$1,350,000	(HFB)
PROJ.CATEGORY				\$1,485,000	
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17 AND CONSTRUCTION FROM FY 24 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

B-5677	SR 1724 (NORTHSIDE ROAD), REPLACE BRIDGE 380042 OVER LEDGE CREEK.	RIGHT-OF-WAY	FY 2017 -	\$80,000	(HFB)
GRANVILLE		CONSTRUCTION	FY 2017 -	\$775,000	(HFB)
PROJ.CATEGORY				\$855,000	
HWY FUNDS	<u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>				

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B-5679 VANCE PROJ.CATEGORY HWY FUNDS	SR 1326 (KELLY ROAD), REPLACE BRIDGE 900070 OVER FLAT CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 -	\$130,000 \$1,300,000	(HFB) (HFB)
				\$1,430,000	
B-5682 GRANVILLE PROJ.CATEGORY HWY FUNDS	SR 1400 (GRASSY CREEK - VIRGILINA ROAD), REPLACE BRIDGE 380129 OVER BEECH CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 -	\$75,000 \$720,000	(HFB) (HFB)
				\$795,000	
B-5687 WARREN PROJ.CATEGORY HWY FUNDS	SR 1620 (LICKSKILLET ROAD), REPLACE BRIDGE 920043 OVER SHOCCO CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 -	\$115,000 \$1,150,000	(HFB) (HFB)
				\$1,265,000	
* C-5164 WAKE PROJ.CATEGORY EXEMPT	SMITH GREENWAY SANFORD CREEK GREENWAY, CONSTRUCT TRAIL AND SIDEWALKS TO CONNECT MAJOR ACTIVITY CENTERS IN WAKE FOREST. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>	CONSTRUCTION	FY 2016 - FY 2016 -	\$2,125,000 \$531,000	(CMAQ) (L)
				\$2,656,000	
* C-5165 WAKE PROJ.CATEGORY EXEMPT	SR 1615 (HIGH HOUSE ROAD), SR 3112 (CARY PARKWAY) IN CARY. INTERSECTION IMPROVEMENTS. <u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 - FY 2016 - FY 2016 -	\$960,000 \$240,000 \$1,728,000 \$432,000	(CMAQ) (L) (CMAQ) (L)
				\$3,360,000	
* C-5178 DURHAM PROJ.CATEGORY EXEMPT	VARIOUS, CAMPUS WALK AVENUE, MORREENE ROAD TO LASALLE STREET AND LASALLE STREET, KANGAROO DRIVE TO ERWIN ROAD IN DURHAM. CONSTRUCT SIDEWALKS. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16. CITY NEEDS ADDITIONAL TIME TO ACQUIRE RIGHT-OF- WAY.</u>	CONSTRUCTION	FY 2016 - FY 2016 -	\$269,000 \$67,000	(CMAQ) (L)
				\$336,000	

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* C-5183B DURHAM PROJ.CATEGORY EXEMPT	SR 1945 (S. ALSTON AVE.), SR 1171 (RIDDLE RD.) TO CAPPS ST. <u>MODIFY PROJECT SCOPE; DELAY CONSTRUCTION FROM FY 15 TO FY 17 AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>	CONSTRUCTION	FY 2017 - \$1,003,000 (CMAQ) FY 2017 - \$251,000 (L) \$1,254,000
* C-5527 FRANKLIN PROJ.CATEGORY EXEMPT	SR 1229 (SOUTH MAIN STREET), EXISTING SIDEWALK TO NC 56 WEST IN LOUISBURG. CONSTRUCT SIDEWALK. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>	CONSTRUCTION	FY 2016 - \$473,000 (CMAQ) FY 2016 - \$118,000 (L) \$591,000
* C-5567 GRANVILLE PROJ.CATEGORY EXEMPT	EAST LYON STATION GREENWAY, TOWN OF BUTNER GREENWAY EXTENSION. CONSTRUCT MULTI-USE PATH. <u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16. ADDITIONAL TIME NEEDED TO PROCURE PRIVATE ENGINEERING FIRM AND PRODUCE RIGHT-OF-WAY PLANS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$28,000 (CMAQ) FY 2016 - \$7,000 (L) FY 2016 - \$144,000 (CMAQ) FY 2016 - \$36,000 (L) \$215,000
* I-5704 WAKE PROJ.CATEGORY STATEWIDE	I-40, WEST OF SR 1728 (WADE AVENUE) TO EAST OF I- 440 / US 1 / US 64. ADD LANES AND REHABILITATE PAVEMENT. <u>DELAY CONSTRUCTION FROM FY 23 TO FY 25 DUE TO COST INCREASE EXCEEDING \$2 MILLION / 25% THRESHOLD.</u>	CONSTRUCTION	FY 2025 - \$24,500,000 (NHP) POST YR- \$73,500,000 (NHP) \$98,000,000
I-5708 WAKE PROJ.CATEGORY STATEWIDE	I-440 / US 1, SR 2000 (WAKE FOREST ROAD) IN RALEIGH. INTERCHANGE IMPROVEMENTS. <u>DELAY CONSTRUCTION FROM FY 20 TO FY 21 TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY/ UTILITY PHASE.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$920,000 (NHP) FY 2019 - \$832,000 (NHP) FY 2021 - \$2,875,000 (NHP) FY 2022 - \$2,875,000 (NHP) \$7,502,000

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* R-2721	NEW ROUTE (FUTURE NC 540), SOUTHERN WAKE	RIGHT-OF-WAY	FY 2017 -	\$4,038,000	(NHP)
WAKE	FREEWAY / TRIANGLE EXPRESSWAY SOUTHEAST		FY 2017 -	\$17,000,000	(S(M))
PROJ.CATEGORY	EXTENSION (RALEIGH OUTER LOOP), NC 55 (SOUTH)		FY 2017 -	\$44,962,000	(BOND R)
STATEWIDE	TO US 401 SOUTH. FREEWAY ON NEW LOCATION.	UTILITIES	FY 2017 -	\$10,180,000	(NHP)
	<u>CONSTRUCTION TO BE FUNDED IN PART USING</u>		FY 2017 -	\$7,820,000	(BOND R)
	<u>GARVEE BONDS - CHANGE FROM STATE TO FEDERAL</u>	CONSTRUCTION	FY 2017 -	\$6,074,000	(NHP)
	<u>FISCAL YEAR (NO CHANGE IN LET SCHEDULE). COST</u>		FY 2017 -	\$12,500,000	(S(M))
	<u>INCREASE EXCEEDING \$2 MILLION / 25% THRESHOLD.</u>		FY 2017 -	\$142,706,000	(BOND R)
			FY 2018 -	\$6,074,000	(NHP)
			FY 2018 -	\$12,500,000	(S(M))
			FY 2019 -	\$6,074,000	(NHP)
			FY 2019 -	\$12,500,000	(S(M))
			FY 2020 -	\$6,074,000	(NHP)
			FY 2020 -	\$12,500,000	(S(M))
		GARVEE CON.	FY 2017 -	\$12,870,000	(NHP)
			FY 2018 -	\$12,870,000	(NHP)
			FY 2019 -	\$12,870,000	(NHP)
			FY 2020 -	\$12,870,000	(NHP)
			FY 2021 -	\$12,870,000	(NHP)
			FY 2022 -	\$12,870,000	(NHP)
			FY 2023 -	\$12,870,000	(NHP)
			FY 2024 -	\$12,870,000	(NHP)
			FY 2025 -	\$12,870,000	(NHP)
			POST YR-	\$77,220,000	(NHP)
		GARVEE ROW	FY 2017 -	\$4,376,000	(NHP)
			FY 2018 -	\$4,376,000	(NHP)
			FY 2019 -	\$4,376,000	(NHP)
			FY 2020 -	\$4,376,000	(NHP)
			FY 2021 -	\$4,376,000	(NHP)
			FY 2022 -	\$4,376,000	(NHP)
			FY 2023 -	\$4,376,000	(NHP)
			FY 2024 -	\$4,376,000	(NHP)
			FY 2025 -	\$4,376,000	(NHP)
			POST YR-	\$26,256,000	(NHP)
				\$559,692,000	
* R-2814C	US 401, NC 96 TO SR 1103 (FLAT ROCK CHURCH ROAD	CONSTRUCTION	FY 2019 -	\$8,167,000	(STP)
WAKE	/ CLIFTON POND ROAD)		FY 2020 -	\$8,167,000	(STP)
FRANKLIN	<u>CONSTRUCTION ACCELERATED FROM POST YEAR</u>		FY 2021 -	\$8,166,000	(STP)
PROJ.CATEGORY	<u>TO FY 19. PROJECT ACCELERATED IN THE PROGRAM</u>			\$24,500,000	
DIVISION	<u>DUE TO ADDITIONAL REVENUE (HB 97).</u>				

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* R-2828	NEW ROUTE (FUTURE NC 540), SOUTHERN WAKE	RIGHT-OF-WAY	FY 2024 - \$10,572,000 (NHP)
JOHNSTON	FREEWAY / TRIANGLE EXPRESSWAY SOUTHEAST		FY 2024 - \$25,000,000 (S(M))
WAKE	EXTENSION (RALEIGH OUTER LOOP), US 401 TO I-40.		FY 2024 - \$41,428,000 (BOND R)
PROJ.CATEGORY	CONSTRUCT FREEWAY ON NEW LOCATION.	UTILITIES	FY 2024 - \$25,278,000 (NHP)
STATEWIDE	<u>DELAY RIGHT-OF-WAY AND CONSTRUCTION FROM FY 22 TO FY 24 DUE TO COST INCREASE EXCEEDING \$2 MILLION / 25% THRESHOLD AND RESULTING IMPACT OF CORRIDOR CAP. CONSTRUCTION TO BE FUNDING IN PART USING GARVEE BONDS.</u>	CONSTRUCTION	FY 2024 - \$8,722,000 (BOND R)
			FY 2024 - \$8,027,000 (NHP)
			FY 2024 - \$25,000,000 (S(M))
			FY 2024 - \$167,894,000 (BOND R)
			FY 2025 - \$8,027,000 (NHP)
			FY 2025 - \$25,000,000 (S(M))
			POST YR- \$8,027,000 (NHP)
			POST YR- \$25,000,000 (S(M))
		GARVEE CON.	FY 2024 - \$25,740,000 (NHP)
			FY 2025 - \$25,740,000 (NHP)
			POST YR- \$334,620,000 (NHP)
		GARVEE ROW	FY 2024 - \$6,435,000 (NHP)
			FY 2025 - \$6,435,000 (NHP)
			POST YR- \$83,655,000 (NHP)
			\$860,600,000
* R-2829	NEW ROUTE (FUTURE NC 540), EASTERN WAKE	RIGHT-OF-WAY	POST YR- \$77,002,000 (T)
JOHNSTON	FREEWAY / TRIANGLE EXPRESSWAY SOUTHEAST		POST YR- \$29,998,000 (BOND R)
WAKE	EXTENSION (RALEIGH OUTER LOOP), I-40 TO US 64 /	UTILITIES	POST YR- \$5,125,000 (T)
PROJ.CATEGORY	US 264 BYPASS. FREEWAY ON NEW LOCATION.	CONSTRUCTION	POST YR- \$1,875,000 (BOND R)
STATEWIDE	<u>DELAY RIGHT-OF-WAY FROM FY 25 TO POST YEAR, DUE TO COST INCREASE EXCEEDING \$2 MILLION / 25% THRESHOLD AND EXCEEDING CORRIDOR CAP.</u>		POST YR- \$396,385,000 (T)
			POST YR- \$155,615,000 (BOND R)
			\$666,000,000
U-2901AC	NC 55 (WILLIAMS STREET), US 1 TO APEX PEAKWAY.	RIGHT-OF-WAY	FY 2020 - \$757,000 (T)
WAKE	CONVERT CURRENT MULTILANES TO MEDIAN DIVIDED	UTILITIES	FY 2020 - \$91,000 (T)
PROJ.CATEGORY	SECTION	CONSTRUCTION	FY 2022 - \$3,227,000 (T)
REGIONAL	<u>DELAY CONSTRUCTION FROM FY 21 TO FY 22 TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY / UTILITY PHASE.</u>		\$4,075,000
U-2901B	NC 55 (WILLIAMS STREET), APEX PEAKWAY TO BRYAN	RIGHT-OF-WAY	FY 2020 - \$13,000 (T)
WAKE	DRIVE. WIDEN REMAINING 2-LANE SECTIONS TO	UTILITIES	FY 2020 - \$2,000 (T)
PROJ.CATEGORY	MULTILANES.	CONSTRUCTION	FY 2022 - \$2,365,000 (T)
REGIONAL	<u>DELAY CONSTRUCTION FROM FY 21 TO FY 22 TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY / UTILITY PHASE.</u>		\$2,380,000

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U-5301A WAKE PROJ.CATEGORY REGIONAL	US 64, SR 1306 (LAURA DUNCAN ROAD). CONVERT AT- GRADE INTERSECTION TO INTERCHANGE. <u>DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22 AND CONSTRUCTION FROM FY 22 TO FY 24 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, AND RIGHT-OF-WAY / UTILITY PHASE.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$4,400,000 (NHP) FY 2022 - \$500,000 (NHP) FY 2024 - \$16,650,000 (NHP) FY 2025 - \$16,650,000 (NHP)	\$38,200,000
U-5301B WAKE PROJ.CATEGORY REGIONAL	US 64, SR 1521 (LAKE PINE DRIVE). CONVERT AT- GRADE INTERSECTION TO INTERCHANGE. <u>DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22 AND CONSTRUCTION FROM FY 22 TO FY 24 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, AND RIGHT-OF-WAY / UTILITY PHASE.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$4,800,000 (NHP) FY 2022 - \$200,000 (NHP) FY 2024 - \$16,950,000 (NHP) FY 2025 - \$16,950,000 (NHP)	\$38,900,000
U-5301C WAKE PROJ.CATEGORY STATEWIDE	US 64, SR 1306 (LAURA DUNCAN ROAD) TO US 1 INTERCHANGE. UPGRADE ROADWAY TO SUPERSTREET. <u>DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22 AND CONSTRUCTION FROM FY 22 TO FY 24 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, AND RIGHT-OF-WAY / UTILITY PHASE.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$800,000 (NHP) FY 2024 - \$11,800,000 (NHP)	\$12,600,000
* U-5717 DURHAM PROJ.CATEGORY STATEWIDE	US 15 / US 501, SR 1116 (GARRETT ROAD) IN DURHAM. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 20 AND CONSTRUCTION FROM FY 24 TO FY 23. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$4,620,000 (T) FY 2023 - \$9,625,000 (T) FY 2024 - \$9,625,000 (T)	\$23,870,000
U-5746 WAKE PROJ.CATEGORY REGIONAL	US 401, FUTURE NC 540 TO SR 1010 (TEN-TEN ROAD). ADD LANES. <u>DELAY RIGHT-OF-WAY AND CONSTRUCTION FROM FY 18 TO FY 19 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$10,953,000 (T) FY 2019 - \$1,314,000 (T) FY 2019 - \$7,718,000 (T)	\$19,985,000

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U-5748	US 401, SR 2044 (LIGON MILL ROAD) / SR 2224	RIGHT-OF-WAY	FY 2020 -	\$2,190,000	(T)
WAKE	(MITCHELL MILL ROAD) IN RALEIGH. CONVERT AT-	UTILITIES	FY 2020 -	\$624,000	(T)
PROJ.CATEGORY	GRADE INTERSECTION TO INTERCHANGE.	CONSTRUCTION	FY 2022 -	\$11,514,000	(T)
REGIONAL	<u>DELAY CONSTRUCTION FROM FY 21 TO FY 22 TO</u> <u>ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY /</u> <u>UTILITY PHASE.</u>			\$14,328,000	
U-5750	NC 54, NC 540 TO PERIMETER PARK DRIVE IN	RIGHT-OF-WAY	FY 2020 -	\$1,964,000	(T)
WAKE	MORRISVILLE. ADD LANES.	UTILITIES	FY 2020 -	\$236,000	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 20.</u>	CONSTRUCTION	FY 2023 -	\$9,601,000	(T)
REGIONAL	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>			\$11,801,000	
* U-5751	US 401, NC 55 IN FUQUAY-VARINA. CONVERT	RIGHT-OF-WAY	FY 2019 -	\$1,380,000	(NHP)
WAKE	INTERSECTION TO TRUMPET INTERCHANGE, TO	CONSTRUCTION	FY 2020 -	\$5,750,000	(NHP)
PROJ.CATEGORY	INCLUDE CONVERSION OF NC 55 / NC 42			\$7,130,000	
REGIONAL	INTERSECTION TO INTERCHANGE. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 21 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>				
U-5774C	NC 54, SR1110 (BARBEE CHAPEL ROAD) TO I-40.	RIGHT-OF-WAY	FY 2023 -	\$500,000	(NHP)
DURHAM	UPGRADE ROADWAY CORRIDOR.	CONSTRUCTION	FY 2025 -	\$2,150,000	(NHP)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 24 TO FY 25 TO</u>		POST YR-	\$6,450,000	(NHP)
REGIONAL	<u>ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY /</u> <u>UTILITY PHASE.</u>			\$9,100,000	
U-5774E	NC 54, SR 1110 (FARRINGTON ROAD). CONVERT AT-	RIGHT-OF-WAY	FY 2023 -	\$450,000	(NHP)
DURHAM	GRADE INTERSECTION TO GRADE SEPARATION.	CONSTRUCTION	FY 2025 -	\$1,875,000	(NHP)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 24 TO FY 25 TO</u>			\$2,325,000	
REGIONAL	<u>ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY /</u> <u>UTILITY PHASE.</u>				

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## DIVISION 5

U-5774F	I-40, NC 54, I-40 / NC 54 INTERCHANGE IMPROVEMENTS	RIGHT-OF-WAY	FY 2023 -	\$160,000	(NHP)
DURHAM	<u>DELAY CONSTRUCTION FROM FY 24 TO FY 25 TO</u>	UTILITIES	FY 2023 -	\$268,000	(NHP)
PROJ.CATEGORY	<u>ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY /</u>	CONSTRUCTION	FY 2025 -	\$1,000,000	(NHP)
STATEWIDE	<u>UTILITY PHASE.</u>			\$1,428,000	

U-5774H	NC 54, NC 751 TO SR 1118 (FAYETTEVILLE ROAD).	RIGHT-OF-WAY	FY 2023 -	\$5,900,000	(T)
DURHAM	UPGRADE ROADWAY CORRIDOR.	UTILITIES	FY 2023 -	\$2,500,000	(T)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 24 TO FY 25 TO</u>	CONSTRUCTION	FY 2025 -	\$6,600,000	(T)
DIVISION	<u>ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY /</u>	POST YR-	\$6,600,000	(T)	
	<u>UTILITY PHASE.</u>			\$21,600,000	

U-5825A	SR 1010 (TEN-TEN ROAD), APEX PEAKWAY TO	RIGHT-OF-WAY	FY 2023 -	\$2,389,000	(T)
WAKE	RELIANCE AVENUE IN APEX. WIDEN TO MULTILANES.	UTILITIES	FY 2023 -	\$287,000	(T)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 24 TO FY 23</u>	CONSTRUCTION	FY 2025 -	\$4,408,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY /</u>	POST YR-	\$8,816,000	(T)	
	<u>UTILITY PHASE.</u>			\$15,900,000	

* U-5828	MCCRIMMON PARKWAY, SR 3015 (AIRPORT	RIGHT-OF-WAY	FY 2016 -	\$2,502,000	(L)
WAKE	BOULEVARD) TO SR 1002 (AVIATION PARKWAY) IN	UTILITIES	FY 2016 -	\$300,000	(L)
PROJ.CATEGORY	MORRISVILLE. WIDEN TO MULTILANES, PART ON NEW	CONSTRUCTION	FY 2018 -	\$2,968,000	(T)
DIVISION	LOCATION.		FY 2019 -	\$2,968,000	(T)
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 16</u>		FY 2020 -	\$2,967,000	(T)
	<u>AND CONSTRUCTION FROM FY 21 TO FY 18.</u>		FY 2021 -	\$2,967,000	(T)
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>			\$14,672,000	
	<u>ADDITIONAL REVENUE (HB 97), AND TOWN FUNDING</u>				
	<u>OF ENGINEERING AND RIGHT-OF-WAY / UTILITY</u>				

U-5829	26TH STREET, NORTHWEST OF SR 1107 (WILKINS	RIGHT-OF-WAY	FY 2021 -	\$551,000	(T)
GRANVILLE	ROAD) TO SR 1104 (EAST LYON STATION ROAD) IN	UTILITIES	FY 2021 -	\$66,000	(T)
PROJ.CATEGORY	BUTNER. UPGRADE AND EXTEND ROADWAY,	CONSTRUCTION	FY 2023 -	\$6,902,000	(T)
DIVISION	INCLUDING GRADE SEPARATION OVER I-85.			\$7,519,000	
	<u>DELAY CONSTRUCTION FROM FY 22 TO FY 23 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY /</u>				
	<u>UTILITY PHASE.</u>				

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## DIVISION 5

\* W-5205 VARIOUS, DIVISION 5 RUMBLE STRIPS, GUARDRAIL,  
WARREN SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED  
GRANVILLE LOCATIONS.

FRANKLIN DIVISION NEEDS CATEGORY: ADD RIGHT-OF-WAY IN  
PERSON FY 16 AND CONSTRUCTION IN FY 16 AND 17 NOT  
VANCE PREVIOUSLY PROGRAMMED. REGIONAL IMPACT  
WAKE CATEGORY: ADD CONSTRUCTION IN FY 16 NOT  
DURHAM PREVIOUSLY PROGRAMMED. SEE FUNDING  
ALLOCATIONS BELOW.

* W-5205DIV	VARIOUS, DIVISION 5 RUMBLE STRIPS, GUARDRAIL,	RIGHT-OF-WAY	FY 2016 -	\$125,000	(HSIP)
WAKE	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED	CONSTRUCTION	FY 2016 -	\$285,000	(HSIP)
PROJ.CATEGORY	LOCATIONS - DIVISION NEEDS CATEGORY		FY 2017 -	\$1,200,000	(HSIP)
DIVISION	<u>FUNDING PROGRAMMED AT REQUEST OF</u>			\$1,610,000	
	<u>TRANSPORATION MOBILITY AND SAFETY DIVISION.</u>				

* W-5205REG	VARIOUS, DIVISION 5 RUMBLE STRIPS, GUARDRAIL,	CONSTRUCTION	FY 2016 -	\$1,365,000	(HSIP)
WAKE	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED			\$1,365,000	
PROJ.CATEGORY	LOCATIONS - REGIONAL IMPACT CATEGORY				
REGIONAL	<u>FUNDING PROGRAMMED AT REQUEST OF</u>				
	<u>TRANSPORATION MOBILITY AND SAFETY DIVISION.</u>				

## DIVISION 6

AV-5734	FAYETTEVILLE REGIONAL AIRPORT (FAY), REPLACE	CONSTRUCTION	FY 2019 -	\$300,000	(T)
CUMBERLAND	PERIMETER FENCING AND ROAD.		FY 2019 -	\$3,140,000	(O)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO</u>			\$3,440,000	
REGIONAL	<u>ALLOW ADDITIONAL TIME TO COORDINATE GRANT</u>				
	<u>WITH OTHER PROJECTS.</u>				

B-4950	SR 1851 (FAIRCLOTH BRIDGE ROAD), REPLACE	RIGHT-OF-WAY	FY 2017 -	\$360,000	(STPOFF)
CUMBERLAND	BRIDGE 250171 AND BRIDGE 250172 OVER SOUTH	CONSTRUCTION	FY 2018 -	\$1,850,000	(STPOFF)
PROJ.CATEGORY	RIVER.			\$2,210,000	
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 17 TO FY 16</u>				
	<u>AND CONSTRUCTION FROM FY 18 TO FY 17.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				

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## DIVISION 6

* B-5339 HARNETT PROJ.CATEGORY DIVISION	SR 1544 (GUY ROAD), REPLACE BRIDGE 420233 OVER BLACK RIVER TRIBUTARY. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 16 AND CONSTRUCTION FROM FY 24 TO FY 16.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 -	\$80,000 \$770,000	(STPOFF) (STPOFF)
				\$850,000	
* B-5412 HARNETT PROJ.CATEGORY DIVISION	SR 1702 (WILLIAMS ROAD), REPLACE BRIDGE 420007 OVER WEST BUIES CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 16 AND CONSTRUCTION FROM FY 24 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2017 -	\$60,000 \$600,000	(STPOFF) (STPOFF)
				\$660,000	
B-5414 HARNETT PROJ.CATEGORY DIVISION	SR 1234 (LEAFLET CHURCH ROAD), REPLACE BRIDGE 420195 OVER BRANCH OF UPPER LITTLE RIVER. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 16 AND CONSTRUCTION FROM FY 24 TO FY 16.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 -	\$50,000 \$525,000	(STPOFF) (STPOFF)
				\$575,000	
B-5691 CUMBERLAND PROJ.CATEGORY HWY FUNDS	SR 1006 (MAXWELL ROAD), REPLACE BRIDGE 250052 OVER SOUTH RIVER. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 -	\$275,000 \$2,750,000	(HFB) (HFB)
				\$3,025,000	
* B-5693 ROBESON PROJ.CATEGORY DIVISION	SR 1924 (CURRIE ROAD), REPLACE BRIDGE 770059 OVER BIG MARSH SWAMP. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 16 AND CONSTRUCTION FROM FY 21 TO FY 16.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 -	\$92,000 \$1,839,000	(STPOFF) (STPOFF)
				\$1,931,000	
B-5698 ROBESON PROJ.CATEGORY HWY FUNDS	SR 1164 (BACK SWAMP ROAD), REPLACE BRIDGE 770172 OVER BACK SWAMP. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17 AND CONSTRUCTION FROM FY 24 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 -	\$75,000 \$727,000	(HFB) (HFB)
				\$802,000	

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## DIVISION 6

B-5701 BLADEN PROJ.CATEGORY HWY FUNDS	SR 1700 (MERCER MILL BROWN MARSH ROAD), REPLACE BRIDGE 080032 OVER HAMMOND CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 22 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 -	\$130,000 \$1,300,000	(HFB) (HFB)
				\$1,430,000	
B-5706 ROBESON PROJ.CATEGORY HWY FUNDS	SR 2519 (SOUTH ROBESON ROAD), REPLACE BRIDGE 770135 OVER AARON SWAMP. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 24 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 -	\$75,000 \$730,000	(HFB) (HFB)
				\$805,000	
B-5709 BLADEN PROJ.CATEGORY HWY FUNDS	SR 1709 (POWELL ROAD), REPLACE BRIDGE 080154 OVER HAMMOND CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 16</u> <u>AND CONSTRUCTION FROM FY 23 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2017 -	\$120,000 \$1,225,000	(HFB) (HFB)
				\$1,345,000	
I-5847 ROBESON PROJ.CATEGORY STATEWIDE	I-74, I-74 BUSINESS TO NC 710. PAVEMENT REHABILITATION. <u>CONSTRUCTION ACCELERATED FROM FY 20 TO FY</u> <u>16. PROJECT ACCELERATED IN THE PROGRAM DUE</u> <u>TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2016 -	\$2,555,000 \$2,555,000	(NHPIM)
* I-5877 HARNETT PROJ.CATEGORY DIVISION	I-95, SR 1811 (BUD HAWKINS ROAD) (EXIT 70) AND SR 1001 (LONG BRANCH ROAD) (EXIT 71). IMPROVE INTERCHANGES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 23 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 -	\$1,080,000 \$13,500,000	(NHP) (NHP)
				\$14,580,000	
I-5878 HARNETT PROJ.CATEGORY DIVISION	I-95, US 421 (EXIT 73) AND SR 1793 (POPE ROAD) (EXIT 72). IMPROVE INTERCHANGES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 22 TO FY 21.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2021 - FY 2022 - FY 2023 -	\$4,320,000 \$9,000,000 \$9,000,000 \$9,000,000	(NHP) (NHP) (NHP) (NHP)
				\$31,320,000	

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## DIVISION 6

I-5879 ROBESON PROJ.CATEGORY DIVISION	I-95, SR 1528 (CARTHAGE ROAD) (EXIT 19). IMPROVE INTERCHANGE. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$540,000 (NHP) FY 2023 - \$2,250,000 (NHP) FY 2024 - \$2,250,000 (NHP) FY 2025 - \$2,250,000 (NHP) \$7,290,000
I-5883 HARNETT PROJ.CATEGORY DIVISION	I-95, SR 1808 (JONESBORO ROAD) (EXIT 75) AND SR 1709 (HODGES CHAPEL ROAD) (EXIT 77). IMPROVE INTERCHANGES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 20 AND CONSTRUCTION FROM FY 24 TO FY 21. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$1,080,000 (NHP) FY 2021 - \$4,500,000 (NHP) FY 2022 - \$4,500,000 (NHP) FY 2023 - \$4,500,000 (NHP) \$14,580,000
U-2519AA CUMBERLAND ROBESON PROJ.CATEGORY REGIONAL	I-295 (FAYETTEVILLE OUTER LOOP), I-95 IN ROBESON COUNTY TO SOUTH OF SR 1118 (PARKTON ROAD) IN CUMBERLAND COUNTY. FREEWAY ON NEW LOCATION. <u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 18 AND CONSTRUCTION FROM FY 21 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$6,200,000 (T) FY 2020 - \$25,350,000 (T) FY 2021 - \$25,350,000 (T) \$56,900,000
U-2519AB CUMBERLAND PROJ.CATEGORY REGIONAL	I-295 (FAYETTEVILLE OUTER LOOP), SOUTH OF SR 1118 (PARKTON ROAD) TO SOUTH OF SR 1003 (CAMDEN ROAD). FREEWAY ON NEW LOCATION. <u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 18 AND CONSTRUCTION FROM FY 21 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$22,400,000 (T) FY 2020 - \$54,750,000 (T) FY 2021 - \$54,750,000 (T) \$131,900,000
U-4403B CUMBERLAND PROJ.CATEGORY REGIONAL	US 401 BUSINESS (MARTIN LUTHER KING, JR. FREEWAY), US 401 BUSINESS TO US 401 BYPASS. WIDEN TO MULTI-LANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 25 TO FY 23 AND CONSTRUCTION FROM UNFUNDED TO FY 25. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$7,200,000 (NHP) FY 2023 - \$864,000 (NHP) FY 2025 - \$6,170,000 (NHP) \$14,234,000

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U-4403C	US 401, US 401 BYPASS TO I-295. WIDEN TO MULTI-LANES.	RIGHT-OF-WAY	FY 2023 -	\$8,700,000	(NHP)
CUMBERLAND		UTILITIES	FY 2023 -	\$1,044,000	(NHP)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 25 TO FY 23</u>	CONSTRUCTION	FY 2025 -	\$7,471,000	(NHP)
REGIONAL	<u>AND CONSTRUCTION FROM UNFUNDED TO FY 25.</u>		POST YR-	\$14,941,000	(NHP)
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>			\$32,156,000	
	<u>ADDITIONAL REVENUE (HB 97).</u>				

U-5798	SR 1102 (GILLIS HILL ROAD), US 401 (RAEFORD ROAD)	RIGHT-OF-WAY	FY 2021 -	\$1,598,000	(T)
HOKE	TO SR 1418 (LINDSAY ROAD). WIDEN TO MULTI-LANES.	UTILITIES	FY 2021 -	\$192,000	(T)
CUMBERLAND	<u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 21</u>	CONSTRUCTION	FY 2023 -	\$6,232,000	(T)
PROJ.CATEGORY	<u>AND CONSTRUCTION FROM FY 25 TO FY 23.</u>		FY 2024 -	\$6,232,000	(T)
DIVISION	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>		FY 2025 -	\$6,232,000	(T)
	<u>ADDITIONAL REVENUE (HB 97).</u>			\$20,486,000	

U-5802A	NEW ROUTE (SPRING LAKE BYPASS), NC 210	RIGHT-OF-WAY	FY 2022 -	\$496,000	(T)
CUMBERLAND	(LILLINGTON HIGHWAY) TO NC 210 (MURCHISON	UTILITIES	FY 2022 -	\$60,000	(T)
PROJ.CATEGORY	ROAD). CONSTRUCT MULTI-LANE FACILITY, PART ON	CONSTRUCTION	FY 2024 -	\$8,133,000	(T)
DIVISION	NEW LOCATION.		FY 2025 -	\$8,134,000	(T)
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 22</u>		POST YR-	\$8,134,000	(T)
	<u>AND CONSTRUCTION FROM FY 25 TO FY 24.</u>			\$24,957,000	
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				

U-5802B	NEW ROUTE (SPRING LAKE BYPASS), NC 210	RIGHT-OF-WAY	FY 2022 -	\$2,394,000	(T)
CUMBERLAND	(MURCHISON ROAD) TO NC 87 (BRAGG BOULEVARD).	UTILITIES	FY 2022 -	\$287,000	(T)
PROJ.CATEGORY	CONSTRUCT MULTI-LANE FACILITY, PART ON NEW	CONSTRUCTION	FY 2024 -	\$2,711,000	(T)
DIVISION	LOCATION.		FY 2025 -	\$2,711,000	(T)
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 22</u>		POST YR-	\$2,711,000	(T)
	<u>AND CONSTRUCTION FROM FY 25 TO FY 24.</u>			\$10,814,000	
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				

## DIVISION 7

* B-4958	SR 2128 (BUNCH ROAD), REPLACE BRIDGE 400106	RIGHT-OF-WAY	FY 2017 -	\$170,000	(STPOFF)
GUILFORD	OVER REEDY FORK CREEK IN OAK RIDGE.	CONSTRUCTION	FY 2018 -	\$1,700,000	(STPOFF)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17</u>			\$1,870,000	
DIVISION	<u>AND CONSTRUCTION FROM FY 24 TO FY 18.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				

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## DIVISION 7

* B-5715 ROCKINGHAM PROJ.CATEGORY DIVISION	SR 2351 (WITTY ROAD), REPLACE BRIDGE 780017 OVER HAW RIVER. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$69,000 \$1,373,000	(STPOFF) (STPOFF)
				\$1,442,000	
B-5726 GUILFORD PROJ.CATEGORY HWY FUNDS	SR 1001 (NORTH CHURCH STREET), REPLACE BRIDGE 400135 OVER AN UNNAMED BRANCH. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$45,000 \$425,000	(HFB) (HFB)
				\$470,000	
B-5731 GUILFORD PROJ.CATEGORY HWY FUNDS	SR 2109 (EVERFIELD ROAD), REPLACE BRIDGE 400112 OVER HAW RIVER IN OAK RIDGE AND STOKESDALE. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$180,000 \$1,825,000	(HFB) (HFB)
				\$2,005,000	
B-5735 ALAMANCE PROJ.CATEGORY HWY FUNDS	SR 1936 (STONE STREET EXTENSION), REPLACE BRIDGE 000307 OVER BACK CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$175,000 \$1,725,000	(HFB) (HFB)
				\$1,900,000	
* I-3306A ORANGE PROJ.CATEGORY REGIONAL	I-40, I-85 TO DURHAM COUNTY LINE. WIDEN TO SIX LANES AND INSTALL ITS. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 21 AND CONSTRUCTION FROM FY 24 TO FY 23.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - FY 2023 - FY 2024 - FY 2025 - POST YR	\$100,000 \$22,000,000 \$22,000,000 \$22,000,000 \$22,000,000	(NHP) (NHP) (NHP) (NHP) (NHP)
				\$88,100,000	
* I-5736 GUILFORD PROJ.CATEGORY STATEWIDE	I-74 / US 311, FORSYTH COUNTY LINE TO SR 1300 (GREEN ROAD) IN HIGH POINT. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2016 - FY 2017 -	\$5,700,000 \$5,700,000	(NHPIM) (NHPIM)
				\$11,400,000	

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## DIVISION 7

* U-2412A GUILFORD PROJ.CATEGORY DIVISION	SR 1486 (GREENSBORO RD) / SR 4121 (HIGH POINT RD), US 311 BYPASS TO SR 4228 (VICKREY CHAPEL ROAD). WIDEN TO MULTILANES, PART ON NEW LOCATION.	CONSTRUCTION	FY 2019 - \$12,975,000 (NHP) FY 2020 - \$12,975,000 (NHP) FY 2021 - \$12,975,000 (NHP) FY 2022 - <u>\$12,975,000</u> (NHP)
	<u>CONSTRUCTION ACCELERATED FROM FY 25 TO FY 19. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97). REQUIRES AIR QUALITY CONFORMITY DETERMINATION BY MPO PRIOR TO AUTHORIZATION OF PRELIMINARY ENGINEERING FUNDS.</u>		\$51,900,000
* U-3109A ALAMANCE PROJ.CATEGORY REGIONAL	NC 119, NC 119 RELOCATION, I-40 / I-85 TO NORTH OF SR 1921 (MEBANE ROGERS ROAD).	CONSTRUCTION	FY 2017 - \$1,225,000 (STP) FY 2017 - \$2,500,000 (S(M)) FY 2018 - \$1,225,000 (STP) FY 2018 - \$2,500,000 (S(M)) FY 2019 - \$1,225,000 (STP) FY 2019 - \$2,500,000 (S(M)) FY 2020 - \$1,225,000 (STP) FY 2020 - \$2,500,000 (S(M))
	<u>CONSTRUCTION ACCELERATED FROM POST YEAR TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97). CONSTRUCTION TO BE FUNDED USING GARVEE BONDS.</u>	GARVEE CON.	FY 2017 - \$2,574,000 (STP) FY 2018 - \$2,574,000 (STP) FY 2019 - \$2,574,000 (STP) FY 2020 - \$2,574,000 (STP) FY 2021 - \$2,574,000 (STP) FY 2022 - \$2,574,000 (STP) FY 2023 - \$2,574,000 (STP) FY 2024 - \$2,574,000 (STP) FY 2025 - \$2,574,000 (STP) POST YR- <u>\$15,444,000</u> (STP)
			\$53,510,000
* U-3109B ALAMANCE PROJ.CATEGORY REGIONAL	NC 119, NC 119 RELOCATION, NORTH OF SR 1921 (MEBANE ROGERS ROAD) TO SOUTH OF SR 1918 (MRS. WHITE ROAD)	RIGHT-OF-WAY	FY 2020 - \$3,300,000 (STP) FY 2021 - \$3,300,000 (STP)
	<u>RIGHT-OF-WAY ACCELERATED FROM POST YEAR TO FY 20 AND CONSTRUCTION FROM POST YEAR TO FY 22. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	UTILITIES	FY 2020 - \$407,000 (STP) FY 2021 - \$406,000 (STP)
		CONSTRUCTION	FY 2022 - \$5,200,000 (STP) FY 2023 - <u>\$5,200,000</u> (STP)
			\$17,813,000
* U-3615A GUILFORD PROJ.CATEGORY DIVISION	SR 1820 (SKEET CLUB ROAD), US 311 TO EAST OF SR 1818 (JOHNSON STREET). WIDEN TO FIVE-LANE FACILITY FROM US 311 TO NORTH OF US 311 AND TO FOUR-LANE MEDIAN DIVIDED FACILITY FROM NORTH OF US 311 TO EAST OF SR1818 (JOHNSON STREET).	RIGHT-OF-WAY	FY 2024 - \$5,700,000 (T)
	<u>RIGHT-OF-WAY ACCELERATED FROM FY POST YEAR TO FY 24. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	POST YR- <u>\$15,500,000</u> (T)
			\$21,200,000

\* INDICATES FEDERAL AMENDMENT

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## DIVISION 7

U-5169	I-74 / US 311, NC 68 (EASTCHESTER DRIVE) IN HIGH	RIGHT-OF-WAY	FY 2016 -	\$1,975,000	(NHP)
GUILFORD	POINT. RECONSTRUCT INTERCHANGE AND	UTILITIES	FY 2016 -	\$1,422,000	(NHP)
PROJ.CATEGORY	APPROACHES.	CONSTRUCTION	FY 2018 -	\$7,050,000	(NHP)
REGIONAL	<u>DELAY CONSTRUCTION FROM FY 17 TO FY 18 TO</u>		FY 2019 -	\$7,050,000	(NHP)
	<u>ALLOW ADDITIONAL TIME FOR RIGHT OF WAY AND</u>				
	<u>UTILITY PHASE.</u>			\$17,497,000	

U-5774B	NC 54, US 15 / US 501 IN ORANGE COUNTY TO SR 1110	RIGHT-OF-WAY	FY 2023 -	\$4,620,000	(NHP)
DURHAM	(BARBEE CHAPEL ROAD) IN DURHAM COUNTY,	UTILITIES	FY 2023 -	\$554,000	(NHP)
ORANGE	UPGRADE ROADWAY CORRIDOR AND CONVERT AT-	CONSTRUCTION	FY 2025 -	\$6,733,000	(NHP)
PROJ.CATEGORY	GRADE INTERSECTION WITH SR 1110 TO		POST YR-	\$20,199,000	(NHP)
REGIONAL	INTERCHANGE.			\$32,106,000	
	<u>DELAY CONSTRUCTION FROM FY 24 TO FY 25 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY /</u>				
	<u>UTILITY PHASE.</u>				

U-5842	PISGAH CHURCH ROAD, NORTH ELM STREET IN	RIGHT-OF-WAY	FY 2017 -	\$144,000	(STP)
GUILFORD	GREENSBORO. INTERSECTION IMPROVEMENTS.		FY 2017 -	\$36,000	(L)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO</u>	CONSTRUCTION	FY 2019 -	\$600,000	(STP)
DIVISION	<u>ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY /</u>		FY 2019 -	\$150,000	(L)
	<u>UTILITY PHASE.</u>			\$930,000	

## DIVISION 8

* AV-5761	RICHMOND COUNTY AIRPORT (RCZ), CLEAR	CONSTRUCTION	FY 2020 -	\$495,000	(T)
RICHMOND	OBSTRUCTIONS IN RUNWAY 14 APPROACH.		FY 2020 -	\$55,000	(L)
PROJ.CATEGORY	<u>CONSTRUCTION ACCELERATED FROM FY 22 TO FY</u>			\$550,000	
DIVISION	<u>20. PROJECT ACCELERATED IN THE PROGRAM DUE</u>				
	<u>TO ADDITIONAL REVENUE (HB 97).</u>				

* AV-5762	RALEIGH EXECUTIVE SANFORD - LEE COUNTY	CONSTRUCTION	FY 2020 -	\$1,966,000	(T)
LEE	AIRPORT (TTA), CONSTRUCT APRON EXPANSION AND		FY 2020 -	\$219,000	(L)
PROJ.CATEGORY	WIDEN TAXIWAY FROM 35 TO 60 FEET.			\$2,185,000	
DIVISION	<u>CONSTRUCTION FROM FY 24 TO FY 20. PROJECT</u>				
	<u>ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				

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## DIVISION 8

* AV-5763 RICHMOND PROJ.CATEGORY DIVISION	RICHMOND COUNTY AIRPORT (RCZ), EXTEND RUNWAY 14-32 TO 5500 FEET. <u>CONSTRUCTION ACCELERATED FROM FY 25 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2020 - \$5,065,000 (T) FY 2020 - <u>\$562,000</u> (L) \$5,627,000
* B-5003 SCOTLAND PROJ.CATEGORY TRANSITION	COMMONWEALTH AVENUE, REPLACE BRIDGE 820081 OVER LEITH CREEK WITH CULVERT IN LAURINBURG. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 PENDING PROCESSING OF AUTHORIZATION REQUEST.</u>	CONSTRUCTION	FY 2016 - \$514,000 (STPOFF) FY 2016 - <u>\$129,000</u> (L) \$643,000
* B-5543 MOORE PROJ.CATEGORY DIVISION	SOUTH LAKESHORE DRIVE, REPLACE BRIDGE 620087 OVER THAGGARDS LAKE IN WHISPERING PINES. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 PENDING PROCESSING OF AUTHORIZATION REQUEST.</u>	CONSTRUCTION	FY 2016 - \$805,000 (STPOFF) FY 2016 - <u>\$201,000</u> (L) \$1,006,000
* B-5739 RANDOLPH PROJ.CATEGORY DIVISION	SR 2621 (FOUSHEE ROAD), REPLACE BRIDGE 750170 OVER REED CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17 AND CONSTRUCTION FROM FY 23 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$37,000 (STPOFF) FY 2017 - <u>\$747,000</u> (STPOFF) \$784,000
B-5747 CHATHAM PROJ.CATEGORY HWY FUNDS	SR 2145 (R JORDAN ROAD), REPLACE BRIDGE 180157 OVER CEDAR CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$120,000 (HFB) FY 2017 - <u>\$1,200,000</u> (HFB) \$1,320,000
B-5758 MOORE PROJ.CATEGORY HWY FUNDS	SR 1102 (ADDOR ROAD), REPLACE BRIDGE 620013 OVER ABERDEEN CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17 AND CONSTRUCTION FROM FY 24 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$50,000 (HFB) FY 2017 - <u>\$525,000</u> (HFB) \$575,000

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B-5760	SR 1424 (JONES SPRING CHURCH ROAD), REPLACE	RIGHT-OF-WAY	FY 2017 -	\$40,000	(HFB)
RICHMOND	BRIDGE 760079 OVER NAKED CREEK.	CONSTRUCTION	FY 2017 -	\$400,000	(HFB)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17</u>			\$440,000	
HWY FUNDS	<u>AND CONSTRUCTION FROM FY 24 TO FY 17.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				
* B-5763	SR 2407 (STARMOUNT ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$21,000	(STPOFF)
RANDOLPH	750129 OVER BRANCH OF SANDY CREEK.	CONSTRUCTION	FY 2017 -	\$427,000	(STPOFF)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 24 TO FY 17</u>			\$448,000	
DIVISION	<u>AND CONSTRUCTION FROM FY 25 TO FY 17.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				
* EB-5521	NC 134 (NORTH MAIN STREET); SR 1005 (SOUTH MAIN,	CONSTRUCTION	FY 2016 -	\$595,000	(STPEB)
MONTGOMERY	SR 1323 (OKEEWEMEE ROAD) TO BARNHILL STREET			\$595,000	
PROJ.CATEGORY	IN TROY. CONSTRUCT SIDEWALKS.				
TRANSITION	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16. TOWN</u>				
	<u>NEEDS ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN.</u>				
* EB-5734	SR 2013 (EAST RALEIGH STREET), SOUTH 6TH	ENGINEERING	FY 2018 -	\$31,000	(TAP)
CHATHAM	AVENUE TO US 64 (EAST 11TH STREET) IN SILER		FY 2018 -	\$8,000	(L)
PROJ.CATEGORY	CITY. CONSTRUCT SIDEWALK ON SOUTH SIDE FROM	CONSTRUCTION	FY 2020 -	\$157,000	(TAP)
DIVISION	SOUTH 6TH AVENUE TO SOUTH 10TH AVENUE, AND		FY 2020 -	\$39,000	(L)
	CONSTRUCT MULTIUSE PATH ON SOUTH SIDE FROM			\$235,000	
	SOUTH 10TH AVENUE TO US 64 (EAST 11TH STREET).				
	<u>RIGHT OF WAY ACCELERATED FROM FY 23 TO FY 18</u>				
	<u>AND CONSTRUCTION FROM FY 24 TO FY 20.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				
* R-5726	NC 211, SR 1241 (HOLLY GROVE SCHOOL ROAD) TO	RIGHT-OF-WAY	FY 2018 -	\$12,708,000	(T)
MOORE	NC 73 IN WEST END. WIDEN TO MULTILANES.	UTILITIES	FY 2018 -	\$1,525,000	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 18</u>	CONSTRUCTION	FY 2020 -	\$26,021,000	(T)
REGIONAL	<u>AND CONSTRUCTION FROM FY 22 TO FY 20.</u>			\$40,254,000	
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				

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## DIVISION 8

U-5707 HOKE PROJ.CATEGORY DIVISION	SR 1420 (GILLIS HILL ROAD), GILLIS HILL ROAD EXTENSION, SR 1406 (ROCKFISH ROAD) TO SR 1418 (LINDSAY ROAD) NEAR FAYETTEVILLE. CONSTRUCT MULTILANE FACILITY ON NEW LOCATION TO TIE IN AT THE INTERSECTION OF SR 1406 ROCKFISH ROAD AND SR 1421 SCHOOL DRIVE.  <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 20 AND CONSTRUCTION FROM FY 23 TO FY 22.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - FY 2022 -	\$867,000 \$4,977,000	(T) (T)
				\$5,844,000	

## DIVISION 9

* B-5160 ROWAN PROJ.CATEGORY DIVISION	SR 1986 (MT. VERNON ROAD), REPLACE BRIDGE 790050 OVER NAILS BRANCH.  <u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16.</u> <u>ADDITIONAL TIME NEEDED FOR UTILITY COORDINATION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 -	\$45,000 \$450,000	(STPOFF) (STPOFF)
				\$495,000	

* B-5769 ROWAN PROJ.CATEGORY DIVISION	SR 2539 (PEACH ORCHARD ROAD), REPLACE BRIDGE 790200 OVER TOWN CREEK.  <u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 24 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$29,000 \$577,000	(T) (T)
				\$606,000	

B-5771 FORSYTH PROJ.CATEGORY HWY FUNDS	SR 1611 (MAIN STREET), REPLACE BRIDGE 330016 OVER MUDDY CREEK IN BETHANIA.  <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 21 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$170,000 \$1,700,000	(HFB) (HFB)
				\$1,870,000	

B-5774 DAVIDSON PROJ.CATEGORY HWY FUNDS	SR 1810 (CLODFELTER ROAD), REPLACE BRIDGE 280099 OVER BUSHY FORK CREEK.  <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 22 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 -	\$120,000 \$1,200,000	(HFB) (HFB)
				\$1,320,000	

\* INDICATES FEDERAL AMENDMENT

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## DIVISION 9

B-5776 DAVIDSON PROJ.CATEGORY HWY FUNDS	SR 1810 (CLODFELTER ROAD), REPLACE BRIDGE 280100 OVER ABBOTTS CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 22 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 -	\$180,000 \$1,800,000	(HFB) (HFB)
				\$1,980,000	
* B-5784 STOKES PROJ.CATEGORY DIVISION	SR 1484 (DAN GEORGE ROAD), REPLACE BRIDGE 840125 OVER NORTH DOUBLE CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 24 TO FY 18</u> <u>AND CONSTRUCTION FROM FY 25 TO FY 19.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2019 -	\$54,000 \$1,085,000	(T) (T)
				\$1,139,000	
* I-5767 FORSYTH PROJ.CATEGORY STATEWIDE	I-74 / US 311, I-40 TO GUILFORD COUNTY LINE. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u> <u>THRESHOLDS.</u>	CONSTRUCTION	FY 2016 - FY 2017 -	\$4,600,000 \$4,600,000	(NHPIM) (NHPIM)
				\$9,200,000	
I-5887 STOKES PROJ.CATEGORY DIVISION	US 52 / FUTURE I-74, SR 1102 (TRINITY CHURCH ROAD) NEAR KING. CONVERT EXISTING GRADE SEPARATION TO FULL-MOVEMENT INTERCHANGE. <u>ACCELERATE RIGHT-OF-WAY FROM FY 24 TO FY 23</u> <u>TO ALLOW 2 YEARS FOR RIGHT-OF-WAY / UTILITY</u> <u>PHASE.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2023 - FY 2025 -	\$930,000 \$10,260,000	(T) (T)
				\$11,190,000	
* R-2247EB FORSYTH PROJ.CATEGORY STATEWIDE	NEW ROUTE, WINSTON-SALEM NORTHERN BELTWAY, WESTERN SECTION, INTERCHANGE AT US 52 <u>RIGHT-OF-WAY ACCELERATED FROM POST YEAR TO</u> <u>FY 19 AND CONSTRUCTION FROM POST YEAR TO FY</u> <u>22. PROJECT ACCELERATED IN THE PROGRAM DUE</u> <u>TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2022 - FY 2023 - FY 2024 - FY 2025 -	\$26,000,000 \$29,200,000 \$29,200,000 \$29,200,000 \$29,200,000	(T) (T) (T) (T) (T)
				\$142,800,000	
R-2577A FORSYTH PROJ.CATEGORY REGIONAL	US 158, MULTI-LANES NORTH OF US 421 / I-40 BUSINESS TO SR 1965 (BELEWS CREEK ROAD). WIDEN TO MULTILANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2021 - FY 2020 - FY 2021 - FY 2025 - POST YR-	\$3,900,000 \$3,900,000 \$1,654,000 \$1,654,000 \$12,050,000 \$12,050,000	(NHP) (NHP) (NHP) (NHP) (NHP) (NHP)
				\$35,208,000	

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## DIVISION 9

* U-2579AA	FUTURE I-74, WINSTON-SALEM NORTHERN BELTWAY,	RIGHT-OF-WAY	FY 2018 -	\$4,885,000	(NHP)
FORSYTH	EASTERN SECTION, I-74 / US 311 TO I-40	UTILITIES	FY 2018 -	\$700,000	(NHP)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 18</u>	CONSTRUCTION	FY 2021 -	\$5,925,000	(NHP)
REGIONAL	<u>AND CONSTRUCTION FROM FY 22 TO FY 21.</u>		FY 2021 -	\$2,500,000	(S(M))
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>		FY 2022 -	\$5,925,000	(NHP)
	<u>ADDITIONAL REVENUE (HB 97). CONSTRUCTION TO</u>		FY 2022 -	\$2,500,000	(S(M))
	<u>BE FUNDED USING GARVEE BONDS.</u>		FY 2023 -	\$5,925,000	(NHP)
			FY 2023 -	\$2,500,000	(S(M))
			FY 2024 -	\$5,925,000	(NHP)
			FY 2024 -	\$2,500,000	(S(M))
		GARVEE CON.	FY 2021 -	\$3,432,000	(NHP)
			FY 2022 -	\$3,432,000	(NHP)
			FY 2023 -	\$3,432,000	(NHP)
			FY 2024 -	\$3,432,000	(NHP)
			FY 2025 -	\$3,432,000	(NHP)
			POST YR-	\$34,320,000	(NHP)
				\$90,765,000	
* U-2579AB	FUTURE I-74, WINSTON-SALEM NORTHERN BELTWAY,	RIGHT-OF-WAY	FY 2018 -	\$18,600,000	(NHP)
FORSYTH	EASTERN SECTION, I-40 TO US 421 / NC 150 /		FY 2019 -	\$18,600,000	(NHP)
PROJ.CATEGORY	BUSINESS 40		FY 2020 -	\$18,600,000	(NHP)
REGIONAL	<u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 18</u>	UTILITIES	FY 2018 -	\$934,000	(NHP)
	<u>AND CONSTRUCTION FROM FY 22 TO FY 21.</u>		FY 2019 -	\$933,000	(NHP)
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>		FY 2020 -	\$933,000	(NHP)
	<u>ADDITIONAL REVENUE (HB 97). CONSTRUCTION TO</u>	CONSTRUCTION	FY 2021 -	\$7,250,000	(NHP)
	<u>BE FUNDED USING GARVEE BONDS.</u>		FY 2021 -	\$7,500,000	(S(M))
			FY 2022 -	\$7,250,000	(NHP)
			FY 2022 -	\$7,500,000	(S(M))
			FY 2023 -	\$7,250,000	(NHP)
			FY 2023 -	\$7,500,000	(S(M))
			FY 2024 -	\$7,250,000	(NHP)
			FY 2024 -	\$7,500,000	(S(M))
		GARVEE CON.	FY 2021 -	\$7,722,000	(NHP)
			FY 2022 -	\$7,722,000	(NHP)
			FY 2023 -	\$7,722,000	(NHP)
			FY 2024 -	\$7,722,000	(NHP)
			FY 2025 -	\$7,722,000	(NHP)
			POST YR-	\$77,220,000	(NHP)
				\$233,430,000	

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* U-2579C	FUTURE I-74, WINSTON-SALEM NORTHERN BELTWAY,	RIGHT-OF-WAY	FY 2016 -	\$2,185,000	(S(M))
FORSYTH	EASTERN SECTION, US 158 TO US 311	UTILITIES	FY 2016 -	\$2,878,000	(NHP)
PROJ.CATEGORY	<u>CONSTRUCTION TO BE FUNDED USING GARVEE</u>	CONSTRUCTION	FY 2018 -	\$3,025,000	(NHP)
REGIONAL	<u>BONDS (NO CHANGE IN SCHEDULE).</u>		FY 2018 -	\$3,000,000	(S(M))
			FY 2019 -	\$3,025,000	(NHP)
			FY 2019 -	\$3,000,000	(S(M))
			FY 2020 -	\$3,025,000	(NHP)
			FY 2020 -	\$3,000,000	(S(M))
			FY 2021 -	\$3,025,000	(NHP)
			FY 2021 -	\$3,000,000	(S(M))
		GARVEE CON.	FY 2018 -	\$3,089,000	(NHP)
			FY 2019 -	\$3,089,000	(NHP)
			FY 2020 -	\$3,089,000	(NHP)
			FY 2021 -	\$3,089,000	(NHP)
			FY 2022 -	\$3,089,000	(NHP)
			FY 2023 -	\$3,089,000	(NHP)
			FY 2024 -	\$3,089,000	(NHP)
			FY 2025 -	\$3,089,000	(NHP)
			POST YR-	\$21,623,000	(NHP)
		GARVEE ROW	FY 2016 -	\$558,000	(NHP)
			FY 2017 -	\$558,000	(NHP)
			FY 2018 -	\$558,000	(NHP)
			FY 2019 -	\$558,000	(NHP)
			FY 2020 -	\$558,000	(NHP)
			FY 2021 -	\$558,000	(NHP)
			FY 2022 -	\$558,000	(NHP)
			FY 2023 -	\$558,000	(NHP)
			FY 2024 -	\$558,000	(NHP)
			FY 2025 -	\$558,000	(NHP)
			POST YR-	\$2,790,000	(NHP)
				\$83,868,000	
* U-2579D	FUTURE I-74, WINSTON-SALEM NORTHERN BELTWAY,	RIGHT-OF-WAY	FY 2019 -	\$8,834,000	(T)
FORSYTH	EASTERN SECTION, US 311 TO SR 2211 (BAUX		FY 2020 -	\$8,833,000	(T)
PROJ.CATEGORY	MOUNTAIN ROAD)		FY 2021 -	\$8,833,000	(T)
STATEWIDE	<u>RIGHT-OF-WAY ACCELERATED FROM POST YEAR TO</u>	UTILITIES	FY 2019 -	\$400,000	(T)
	<u>FY 19 AND CONSTRUCTION FROM POST YEAR TO FY</u>	CONSTRUCTION	FY 2022 -	\$19,600,000	(T)
	<u>22. PROJECT ACCELERATED IN THE PROGRAM DUE</u>		FY 2023 -	\$19,600,000	(T)
	<u>TO ADDITIONAL REVENUE (HB 97).</u>		FY 2024 -	\$19,600,000	(T)
			FY 2025 -	\$19,600,000	(T)
				\$105,300,000	

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 9

* U-2579E FORSYTH PROJ.CATEGORY STATEWIDE	FUTURE I-74, WINSTON-SALEM NORTHERN BELTWAY, EASTERN SECTION, SR 2211 (BAUX MOUNTAIN ROAD) TO NC 8 <u>RIGHT-OF-WAY ACCELERATED FROM POST YEAR TO FY 19 AND CONSTRUCTION FROM POST YEAR TO FY 22. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY  UTILITIES CONSTRUCTION	FY 2019 - \$11,184,000 (T) FY 2020 - \$11,183,000 (T) FY 2021 - \$11,183,000 (T) FY 2019 - \$360,000 (T) FY 2022 - \$12,475,000 (T) FY 2023 - \$12,475,000 (T) FY 2024 - \$12,475,000 (T) FY 2025 - \$12,475,000 (T) \$83,810,000
* U-2579F FORSYTH PROJ.CATEGORY STATEWIDE	FUTURE I-74, WINSTON-SALEM NORTHERN BELTWAY, EASTERN SECTION, NC 8 TO EAST OF US 52 <u>RIGHT-OF-WAY ACCELERATED FROM POST YEAR TO FY 19 AND CONSTRUCTION FROM POST YEAR TO FY 22. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY  UTILITIES CONSTRUCTION	FY 2019 - \$15,084,000 (T) FY 2020 - \$15,083,000 (T) FY 2021 - \$15,083,000 (T) FY 2019 - \$440,000 (T) FY 2022 - \$9,800,000 (T) FY 2023 - \$9,800,000 (T) FY 2024 - \$9,800,000 (T) FY 2025 - \$9,800,000 (T) \$84,890,000
* U-5738 ROWAN PROJ.CATEGORY DIVISION	SR 2528 (JULIAN ROAD), US 601 (JAKE ALEXANDER BOULEVARD) TO SR 2667 (SUMMIT PARK DRIVE) IN SALISBURY. WIDEN TO MULTILANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 18 AND CONSTRUCTION FROM FY 22 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - \$814,000 (T) FY 2018 - \$98,000 (T) FY 2020 - \$10,602,000 (T) \$11,514,000
* U-5824 FORSYTH PROJ.CATEGORY DIVISION	NC 66 (OLD HOLLOW ROAD), HARLEY DRIVE TO BELLAIRE CIRCLE / WHITEHALL VILLAGE LANE IN WALKERTOWN. WIDEN TO MULTILANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 20 AND CONSTRUCTION FROM FY 23 TO FY 22. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$6,955,000 (T) FY 2020 - \$835,000 (T) FY 2022 - \$8,208,000 (T) \$15,998,000
<b>DIVISION 10</b>			
* B-5793 CABARRUS PROJ.CATEGORY DIVISION	SR 2443 (CROWELL ROAD), REPLACE BRIDGE 120201 OVER LITTLE BUFFALO CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$20,000 (STPOFF) FY 2017 - \$350,000 (STPOFF) \$370,000

\* INDICATES FEDERAL AMENDMENT

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HIGHWAY PROGRAM  
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## DIVISION 10

* B-5800 STANLY PROJ.CATEGORY DIVISION	SR 1253 (SAM ROAD), REPLACE BRIDGE 830160 OVER RAMSEY BRANCH. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 22 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 -	\$10,000 \$200,000	(STPOFF) (STPOFF)
				\$210,000	
* B-5801 UNION PROJ.CATEGORY DIVISION	SR 2166 (PLYLER ROAD), REPLACE BRIDGE 890163 OVER POLE CAT CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 24 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 25 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 -	\$15,000 \$250,000	(STPOFF) (STPOFF)
				\$265,000	
B-5820 STANLY PROJ.CATEGORY HWY FUNDS	SR 1507 (GOLD BRANCH ROAD), REPLACE BRIDGE 830221 OVER CURL TAIL CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 23 TO FY 17.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 -	\$25,000 \$250,000	(HFB) (HFB)
				\$275,000	
I-5714 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-77, SR 2136 (GILEAD ROAD) INTERCHANGE. UPGRADE EXISTING INTERCHANGE. <u>RIGHT-OF-WAY ACCELERATED FROM FY 18 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 19 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u> <u>ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$100,000 \$10,500,000	(NHP) (NHP)
				\$10,600,000	
R-0211EC MECKLENBURG PROJ.CATEGORY DIVISION	I-485, SR 3468 (WEDDINGTON ROAD). CONSTRUCT INTERCHANGE. <u>RIGHT-OF-WAY ACCELERATED FROM FY 17 TO FY 16</u> <u>AND CONSTRUCTION FROM FY 19 TO FY 16.</u> <u>PROJECT ACCELERATED AND FUNDING SOURCE</u> <u>CHANGED DUE TO ADDITIONAL REVENUE (HB 97).</u> <u>REQUIRES AIR QUALITY DETERMINATION BY MPO</u> <u>PRIOR TO AUTHORIZATION OF PREL. ENG. FUNDS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 - FY 2017 -	\$6,100,000 \$6,950,000 \$6,950,000	(T) (T) (T)
				\$20,000,000	

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
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## DIVISION 10

R-2555B MECKLENBURG PROJ.CATEGORY DIVISION	SR 5544 (WEST CATAWBA AVENUE), NC 73 (SAM FURR ROAD) TO SR 2151 (JETTON ROAD). WIDEN ROADWAY. <u>CONSTRUCTION ACCELERATED FROM FY 21 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY	FY 2018 -	\$7,500,000	(T)
			FY 2019 -	\$7,500,000	(T)
		UTILITIES CONSTRUCTION	FY 2018 -	\$3,500,000	(T)
			FY 2020 -	\$3,167,000	(T)
			FY 2020 -	\$1,200,000	(L)
			FY 2021 -	\$3,166,000	(T)
		FY 2022 -	\$3,167,000	(T)	
			\$29,200,000		
U-4714B UNION MECKLENBURG PROJ.CATEGORY DIVISION	SR 1009 (JOHN STREET-OLD MONROE ROAD), I-485 TO SR 1008 (INDIAN TRAIL ROAD). WIDEN TO MULTI-LANES. <u>CONSTRUCTION ACCELERATED FROM FY 24 TO FY 22. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY	FY 2020 -	\$8,520,000	(STPDA)
			FY 2020 -	\$2,130,000	(S(M))
		CONSTRUCTION	FY 2021 -	\$8,520,000	(STPDA)
			FY 2021 -	\$2,130,000	(S(M))
			FY 2022 -	\$4,507,000	(STPDA)
			FY 2022 -	\$1,127,000	(S(M))
			FY 2023 -	\$4,506,000	(STPDA)
			FY 2023 -	\$1,126,000	(S(M))
			FY 2024 -	\$4,507,000	(STPDA)
			FY 2024 -	\$1,127,000	(S(M))
		\$38,200,000			
U-4714C UNION PROJ.CATEGORY DIVISION	SR 1009 (JOHN STREET-OLD MONROE ROAD), SR 1008 (INDIAN TRAIL ROAD) TO SR 1377 (WESLEY CHAPEL-STOUTS ROAD). WIDEN TO MULTI-LANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY	FY 2020 -	\$3,500,000	(STPDA)
			FY 2020 -	\$10,000,000	(L)
		CONSTRUCTION	FY 2021 -	\$3,500,000	(STPDA)
			POST YR-	\$13,900,000	(STP)
				\$30,900,000	
U-4913 MECKLENBURG UNION PROJ.CATEGORY DIVISION	IDLEWILD ROAD, I-485 TO SR 1524 (STEVENS MILL ROAD). WIDEN EXISTING ROADWAY. <u>FUNDING SOURCE CHANGED FROM STP-DA AND LOCAL MATCH TO STATE TRUST FUNDS DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY	FY 2020 -	\$150,000	(T)
		UTILITIES	FY 2020 -	\$900,000	(T)
		CONSTRUCTION	FY 2021 -	\$6,000,000	(T)
				\$7,050,000	

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## REVISIONS TO THE 2016-2025 STIP

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STIP MODIFICATIONS

## DIVISION 10

* U-5703 UNION PROJ.CATEGORY STATEWIDE	US 74 (ROOSEVELT BOULEVARD), SR 1514 (ROCKY RIVER ROAD) INTERSECTION. RECONFIGURE TO SUPERSTREET.  <u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 18.</u> <u>PROJECT ACCELERATED DUE TO ADDITIONAL REVENUE (HB 97). REQUIRES AIR QUALITY DETERMINATION BY MPO PRIOR TO AUTHORIZATION OF PRELIMINARY ENGINEERING FUNDS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$400,000 (T) FY 2018 - <u>\$1,750,000</u> (T) \$2,150,000
U-5767 MECKLENBURG PROJ.CATEGORY REGIONAL	US 21 (STATESVILLE ROAD), NORTHCROSS CENTER COURT TO SR 2147 (WESTMORELAND ROAD). WIDEN TO MULTI-LANES.  <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 20 AND CONSTRUCTION FROM FY 24 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$800,000 (T) FY 2020 - \$1,400,000 (T) FY 2020 - <u>\$21,000,000</u> (T) \$23,200,000
U-5771 MECKLENBURG PROJ.CATEGORY REGIONAL	US 21, SR 2136 (GILEAD ROAD) TO HOLLY POINT DRIVE. WIDEN TO MULTI-LANES.  <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 20 AND CONSTRUCTION FROM FY 24 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$2,700,000 (T) FY 2020 - \$300,000 (T) FY 2020 - <u>\$16,500,000</u> (T) \$19,500,000
* W-5210DIV MECKLENBURG UNION PROJ.CATEGORY DIVISION	DIVISION 10 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS IN DIVISION CATEGORY.  <u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2016 - <u>\$1,175,000</u> (HSIP) \$1,175,000
* W-5210REG CABARRUS PROJ.CATEGORY REGIONAL	DIVISION 10 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS IN REGIONAL CATEGORY.  <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$10,000 (HSIP) FY 2016 - <u>\$230,000</u> (HSIP) \$240,000

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 10

* W-5210SW UNION PROJ.CATEGORY STATEWIDE	DIVISION 10 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS IN STATEWIDE CATEGORY. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$50,000 (HSIP) FY 2016 - <u>\$1,550,000</u> (HSIP) \$1,600,000
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## DIVISION 11

AV-5757 SURRY PROJ.CATEGORY DIVISION	ELKIN MUNICIPAL AIRPORT (ZEF), RUNWAY SAFETY AREA EXTENSION FOR RUNWAY 7 <u>CONSTRUCTION ACCELERATED FROM FY 23 TO FY 22. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2022 - \$2,520,000 (T) FY 2022 - <u>\$280,000</u> (O) \$2,800,000
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AV-5758 SURRY PROJ.CATEGORY DIVISION	MOUNT AIRY/SURRY COUNTY AIRPORT (MWK), RUNWAY AND TAXIWAY EXTENSION - PAVING AND LIGHTING <u>CONSTRUCTION ACCELERATED FROM FY 23 TO FY 22. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2022 - \$1,260,000 (T) FY 2022 - <u>\$140,000</u> (O) \$1,400,000
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AV-5759 SURRY PROJ.CATEGORY DIVISION	ELKIN MUNICIPAL AIRPORT (ZEF), RUNWAY 25. CONSTRUCT 500 FEET EXTENSION AND TAXIWAY TURNAROUND <u>CONSTRUCTION ACCELERATED FROM FY 23 TO FY 22. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2022 - \$2,124,000 (T) FY 2022 - \$236,000 (O) \$2,360,000
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* I-5865 YADKIN PROJ.CATEGORY STATEWIDE	I-77, 0.6 MILE NORTH OF SR 1103 (MARIER RD) TO 0.9 MILE NORTH OF SR 1316 (RENA RD). PAVEMENT REHABILITATION. <u>CONSTRUCTION ACCELERATED FROM FY 20 TO FY 19. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2019 - \$1,700,000 (NHPIM) \$1,700,000
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R-2566B WATAUGA PROJ.CATEGORY REGIONAL	NC 105, SR 1136 (CLARKS CREEK ROAD) TO SR 1107 (NC 105 BYPASS) IN BOONE. WIDEN TO MULTI-LANES. <u>CONSTRUCTION ACCELERATED FROM UNFUNDED TO FY 25. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$1,000,000 (NHP) FY 2023 - \$6,800,000 (NHP) FY 2025 - \$10,000,000 (NHP) POST YR- <u>\$30,000,000</u> (NHP) \$47,800,000
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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 11

* W-5211REG YADKIN PROJ.CATEGORY REGIONAL	DIVISION 11 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS IN REGIONAL CATEGORY. <u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2016 -	<u>\$750,000</u>	(HSIP)
				\$750,000	

## DIVISION 12

AV-5752 CATAWBA PROJ.CATEGORY DIVISION	HICKORY REGIONAL AIRPORT (HKY), LAND ACQUISITION AND OBSTRUCTION REMOVAL. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY	FY 2020 -	\$540,000	(T)
			FY 2020 -	<u>\$60,000</u>	(O)
				\$600,000	

AV-5753 LINCOLN PROJ.CATEGORY DIVISION	LINCOLN-TON-LINCOLN COUNTY AIRPORT (IPJ), OBSTRUCTION REMOVAL IN RUNWAY 5 APPROACH. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY	FY 2020 -	\$266,000	(T)
			FY 2020 -	\$29,000	(O)
				\$295,000	

AV-5755 LINCOLN PROJ.CATEGORY DIVISION	LINCOLN-TON-LINCOLN COUNTY AIRPORT (IPJ), LAND ACQUISITION FOR RUNWAY 5 APPROACH. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY	FY 2020 -	\$158,000	(T)
			FY 2020 -	\$18,000	(O)
				\$176,000	

EB-5746 GASTON PROJ.CATEGORY DIVISION	NC 273 (SOUTH MAIN STREET), SR 2044 (TUCKASEEGE ROAD) TO ROSE STREET. CONSTRUCT SIDEWALKS ON BOTH SIDES OF ROAD. <u>CONSTRUCTION ACCELERATED FROM FY 22 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2020 -	\$488,000	(TAP)
			FY 2020 -	<u>\$122,000</u>	(L)
				\$610,000	

EB-5750 CATAWBA PROJ.CATEGORY DIVISION	MAIN AVENUE GREENWAY, 9TH STREET NW TO 7TH AVENUE NE IN HICKORY. CONSTRUCT GREENWAY WITH PARK NODES AND BRIDGE SPANNING NC 127. <u>CONSTRUCTION ACCELERATED FROM FY 23 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2020 -	\$7,680,000	(TAP)
			FY 2020 -	<u>\$1,920,000</u>	(L)
				\$9,600,000	

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## DIVISION 12

* I-3819B IREDELL PROJ.CATEGORY STATEWIDE	I-40/I-77, FINAL I-40/I-77 INTERCHANGE IMPROVEMENTS. <u>RIGHT-OF-WAY AND CONSTRUCTION ACCELERATED FROM UNFUNDED TO FY 18. PROJECT ACCELERATED DUE TO ADDITIONAL REVENUE (HB 97). REQUIRES AIR QUALITY DETERMINATION BY MPO PRIOR TO AUTHORIZATION OF PRELIMINARY ENGINEERING FUNDS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$100,000 (NHP) FY 2018 - \$67,833,000 (NHP) FY 2019 - \$67,834,000 (NHP) FY 2020 - \$67,833,000 (NHP) \$203,600,000
I-5813 IREDELL PROJ.CATEGORY STATEWIDE	I-77, 0.3 MILE NORTH OF SR 2321 (EAST BROAD STREET) TO SR 1892 (JENNINGS ROAD). PAVEMENT REHABILITATION. <u>CONSTRUCTION ACCELERATED FROM FY 19 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	CONSTRUCTION	FY 2018 - \$1,900,000 (NHPIM) \$1,900,000
R-2307A CATAWBA PROJ.CATEGORY REGIONAL	NC 150, RELOCATED NC 16 (TIP PROJECT R-2206) TO SR 1902 (HARVEL ROAD). WIDEN TO MULTI-LANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 25 TO FY 22 AND CONSTRUCTION FROM UNFUNDED TO FY 25. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$15,300,000 (STP) FY 2023 - \$15,300,000 (STP) FY 2025 - \$16,750,000 (STP) POST YR- \$50,250,000 (STP) \$97,600,000
R-5721A MECKLENBURG LINCOLN PROJ.CATEGORY REGIONAL	NC 73, NC 16 BUSINESS TO VANCE ROAD EXTENSION/BEATTIES FORD ROAD. WIDEN TO MULTI-LANES. <u>CONSTRUCTION ACCELERATED FROM FY 24 TO FY 23. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - \$5,500,000 (T) FY 2021 - \$2,600,000 (T) FY 2023 - \$9,050,000 (T) FY 2024 - \$9,050,000 (T) FY 2025 - \$9,050,000 (T) POST YR- \$9,050,000 (T) \$44,300,000
* W-5212DIV IREDELL CATAWBA PROJ.CATEGORY DIVISION	DIVISION 12 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS IN THE DIVISION CATEGORY. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$150,000 (HSIP) FY 2016 - \$870,000 (HSIP) \$1,020,000

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## DIVISION 12

* W-5212REG	DIVISION 12 RUMBLE STRIPS, GUARDRAIL, SAFETY	RIGHT-OF-WAY	FY 2016 -	\$710,000	(HSIP)
GASTON	AND LIGHTING IMPROVEMENTS AT SELECTED	CONSTRUCTION	FY 2016 -	\$1,650,000	(HSIP)
IREDELL	LOCATIONS IN THE REGIONAL CATEGORY.		FY 2017 -	\$1,650,000	(HSIP)
CATAWBA	<u>ADD RIGHT-OF-WAY IN FY 16 AND CONSTRUCTION IN</u>			\$4,010,000	
PROJ.CATEGORY	<u>FY 16 AND FY 17 NOT PREVIOUSLY PROGRAMMED.</u>				
REGIONAL					

## DIVISION 13

B-5158	SR 1002 (CRABTREE CREEK), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2018 -	\$300,000	(HFB)
MITCHELL	600100, BRIDGE 600101, AND BRIDGE 600102 OVER	CONSTRUCTION	FY 2020 -	\$3,000,000	(HFB)
PROJ.CATEGORY	CRABTREE CREEK.			\$3,300,000	
HWY FUNDS	<u>DELAY CONSTRUCTION FROM FY 19 TO FY 20 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN.</u>				

I-2513B	I-26, NORTH OF SR 3548 (HAYWOOD ROAD) TO	RIGHT-OF-WAY	FY 2020 -	\$24,750,000	(NHP)
BUNCOMBE	EXISTING US 19/US 23/US 70. MULTI-LANE FREEWAY,		FY 2021 -	\$24,750,000	(NHP)
PROJ.CATEGORY	PART ON NEW LOCATION.	CONSTRUCTION	FY 2023 -	\$45,125,000	(NHP)
STATEWIDE	<u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 20</u>		FY 2024 -	\$45,125,000	(NHP)
	<u>AND CONSTRUCTION FROM FY 24 TO FY 23.</u>		FY 2025 -	\$45,125,000	(NHP)
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>		POST YR-	\$45,125,000	(NHP)
	<u>ADDITIONAL REVENUE (HB 97).</u>			\$230,000,000	

I-4409	CONVERT EXISTING I-40/SR 2500 (BLUE RIDGE ROAD)	RIGHT-OF-WAY	FY 2021 -	\$800,000	(NHP)
BUNCOMBE	GRADE SEPARATION TO INTERCHANGE. WIDEN SR	CONSTRUCTION	FY 2023 -	\$5,000,000	(NHP)
PROJ.CATEGORY	2500 (BLUE RIDGE ROAD) TO THREE LANES FROM US			\$5,800,000	
REGIONAL	70 TO SOUTH OF I-40 AND UPGRADE ROADWAY				
	SOUTH OF I-40 TO SR 2713.				
	<u>RIGHT-OF-WAY ACCELERATED FROM FY 24 TO FY 21</u>				
	<u>AND CONSTRUCTION FROM UNFUNDED TO FY 23.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				

* I-5750	I-40, 0.2 MILE EAST OF US 25 (HENDERSONVILLE	CONSTRUCTION	FY 2016 -	\$378,000	(NHPIM)
BUNCOMBE	ROAD) TO 0.2 MILE EAST OF SR 3075 (ONTEORA			\$378,000	
PROJ.CATEGORY	BOULEVARD). BRIDGE REHABILITATION.				
STATEWIDE	<u>MODIFY PROJECT SCOPE TO REFLECT BRIDGE</u>				
	<u>REHABILITATION WORK.</u>				

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 13

I-5874 BURKE PROJ.CATEGORY REGIONAL	I-40, SR 1142 (JAMESTOWN ROAD) - EXIT 100. UPGRADE INTERCHANGE. <u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 18 AND CONSTRUCTION FROM FY 21 TO FY 20.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$300,000 (NHP) FY 2020 - \$938,000 (NHP) FY 2021 - \$937,000 (NHP)	\$2,175,000
I-5885 BUNCOMBE PROJ.CATEGORY DIVISION	I-40, US 25 (HENDERSONVILLE ROAD). CONSTRUCT INTERCHANGE IMPROVEMENTS. <u>RIGHT-OF-WAY ACCELERATED FROM FY 18 TO FY 17 AND CONSTRUCTION FROM FY 19 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$40,000 (NHP) FY 2018 - \$500,000 (NHP)	\$540,000
* I-5886 BUNCOMBE PROJ.CATEGORY DIVISION	I-40, US 25A (SWEETEN CREEK ROAD). CONSTRUCT INTERCHANGE IMPROVEMENTS. <u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 18.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$2,200,000 (NHP) FY 2018 - \$6,750,000 (NHP) FY 2019 - \$6,750,000 (NHP)	\$15,700,000
U-3403B BUNCOMBE PROJ.CATEGORY REGIONAL	NC 191 (BREVARD ROAD - OLD HAYWOOD ROAD), NC 146 TO NORTH OF BLUE RIDGE PARYWAY. WIDEN TO MULTI-LANES. <u>RIGHT-OF-WAY ACCELERATED FROM FY 22 TO FY 21 AND CONSTRUCTION FROM FY 24 TO FY 23.</u> <u>PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - \$5,100,000 (STP) FY 2021 - \$600,000 (STP) FY 2023 - \$5,633,000 (STP) FY 2024 - \$5,634,000 (STP) FY 2025 - \$5,633,000 (STP)	\$22,600,000
* U-4715B BUNCOMBE PROJ.CATEGORY DIVISION	ASHEVILLE SIGNAL SYSTEM. CONSTRUCT CITYWIDE SIGNAL IMPROVEMENTS <u>RIGHT-OF-WAY ADDED IN FY 17 AND CONSTRUCTION ACCELERATED FROM FY 19 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - \$74,000 (STP) FY 2017 - \$26,000 (S(M)) FY 2017 - \$740,000 (STP) FY 2017 - \$260,000 (S(M)) FY 2017 - \$8,954,000 (STP) FY 2017 - \$3,146,000 (S(M))	\$13,200,000

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 13

* U-5019E	CRAVEN STREET BRIDGE IMPROVEMENTS OVER THE	ENGINEERING	FY 2017 -	\$650,000	(STP)
BUNCOMBE	FRENCH BROAD RIVER	CONSTRUCTION	FY 2018 -	<u>\$4,200,000</u>	(STP)
PROJ.CATEGORY	<u>NEW PROJECT SEGMENT PROGRAMMED DUE TO</u>			\$4,850,000	
DIVISION	<u>ADDITIONAL REVENUE (HB 97).</u>				
U-5781	INTERSECTION OF US 25 (MERRIMON AVENUE) AND	RIGHT-OF-WAY	FY 2018 -	\$180,000	(T)
BUNCOMBE	EDGEWOOD ROAD. IMPROVE INTERSECTION.	CONSTRUCTION	FY 2020 -	<u>\$375,000</u>	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 18</u>		FY 2021 -	<u>\$375,000</u>	(T)
REGIONAL	<u>AND CONSTRUCTION FROM FY 21 TO FY 20.</u>			\$930,000	
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				
U-5782	INTERSECTION OF US 25 (MERRIMON AVENUE) AND	RIGHT-OF-WAY	FY 2018 -	\$45,000	(T)
BUNCOMBE	W. T. WEAVER BOULEVARD. IMPROVE INTERSECTION.	CONSTRUCTION	FY 2020 -	<u>\$190,000</u>	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 18</u>			\$235,000	
REGIONAL	<u>AND CONSTRUCTION FROM FY 21 TO FY 20.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				
U-5818	SR 1001 (SUGAR HILL ROAD), I-40 WESTBOUND RAMPS	RIGHT-OF-WAY	FY 2018 -	\$25,000	(T)
McDOWELL	TO 0.3 MILE WEST OF I-40 EASTBOUND RAMPS.	UTILITIES	FY 2018 -	\$10,000	(T)
PROJ.CATEGORY	WIDEN ROADWAY.	CONSTRUCTION	FY 2020 -	<u>\$1,900,000</u>	(T)
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 18</u>		FY 2021 -	<u>\$1,900,000</u>	(T)
	<u>AND CONSTRUCTION FROM FY 21 TO FY 20.</u>			\$3,835,000	
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				
* U-5833	SR 2241 (OAK STREET), SR 2159 (PINE RIDGE ROAD)	RIGHT-OF-WAY	FY 2017 -	\$400,000	(T)
RUTHERFORD	TO US 74. WIDEN EXISTING ROADWAY.	UTILITIES	FY 2017 -	\$50,000	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17</u>	CONSTRUCTION	FY 2018 -	<u>\$3,300,000</u>	(T)
DIVISION	<u>AND CONSTRUCTION FROM FY 21 TO FY 18.</u>			\$3,750,000	
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 13

U-5834	SR 3116 (MILLS GAP ROAD), US 25 (HENDERSONVILLE	RIGHT-OF-WAY	FY 2018 -	\$100,000	(T)
BUNCOMBE	ROAD) TO SR 3157 (WESTON ROAD). UPGRADE	CONSTRUCTION	FY 2021 -	<u>\$3,000,000</u>	(T)
PROJ.CATEGORY	EXISTING ROADWAY.			\$3,100,000	
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 18.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				

* W-5213DIV	DIVISION 13 RUMBLE STRIPS, GUARDRAIL, SAFETY	CONSTRUCTION	FY 2016 -	<u>\$1,225,000</u>	(HSIP)
BUNCOMBE	AND LIGHTING IMPROVEMENTS AT SELECTED			\$1,225,000	
PROJ.CATEGORY	LOCATIONS IN THE DIVISION CATEGORY.				
DIVISION	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
	<u>PROGRAMMED.</u>				

## DIVISION 14

R-2588B	NC 191, SR 1381 (MOUNTAIN ROAD) TO NC 280 SOUTH	RIGHT-OF-WAY	FY 2022 -	\$4,500,000	(STP)
HENDERSON	OF MILLS RIVER. WIDEN TO MULTI-LANES.	UTILITIES	FY 2022 -	\$500,000	(STP)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 23 TO FY 22</u>	CONSTRUCTION	FY 2024 -	\$11,275,000	(STP)
REGIONAL	<u>AND CONSTRUCTION FROM FY 25 TO FY 24.</u>		FY 2025 -	\$11,275,000	(STP)
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>		POST YR-	\$22,550,000	(STP)
	<u>ADDITIONAL REVENUE (HB 97).</u>			\$50,100,000	

R-5734	US 23/US 441, US 64 TO SR 1652 (WIDE HORIZON	RIGHT-OF-WAY	FY 2017 -	\$530,000	(T)
MACON	DRIVE)/SR 1152 (BELDEN CIRCLE). IMPLEMENT	UTILITIES	FY 2017 -	\$60,000	(T)
PROJ.CATEGORY	ACCESS MANAGEMENT STRATEGIES.	CONSTRUCTION	FY 2020 -	<u>\$5,700,000</u>	(T)
DIVISION	<u>RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17</u>			\$6,290,000	
	<u>AND CONSTRUCTION FROM FY 21 TO FY 20.</u>				
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>				
	<u>ADDITIONAL REVENUE (HB 97).</u>				

R-5744	BALFOUR PARKWAY, NC 191 (BREVARD ROAD) TO US	RIGHT-OF-WAY	FY 2022 -	\$13,150,000	(T)
HENDERSON	64. CONSTRUCT NEW 4-LANE EXPRESSWAY.		FY 2023 -	\$13,150,000	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY ACCELERATED FROM FY 24 TO FY 22.</u>	UTILITIES	FY 2022 -	\$900,000	(T)
DIVISION	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>	CONSTRUCTION	POST YR-	<u>\$129,000,000</u>	(T)
	<u>ADDITIONAL REVENUE (HB 97).</u>			\$156,200,000	

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 14

* U-5604	US 441 BUSINESS, US 23/US 64/US 441 TO PORTER STREET. INTERSECTION IMPROVEMENTS AT WOMAK STREET, MAPLE STREET, PORTER STREET, AND DEPOT STREET IN FRANKLIN.	RIGHT-OF-WAY	FY 2017 -	\$1,600,000	(T)
MACON		CONSTRUCTION	FY 2019 -	<u>\$5,700,000</u>	(T)
PROJ.CATEGORY				\$7,300,000	
REGIONAL					

RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 22 TO FY 19.  
PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).

* U-5840	SR 1545 (OLD AIRPORT ROAD), US 25 TO MILLS GAP ROAD. WIDEN ROADWAY.	RIGHT-OF-WAY	FY 2017 -	\$100,000	(T)
HENDERSON		CONSTRUCTION	FY 2019 -	<u>\$2,200,000</u>	(T)
PROJ.CATEGORY				\$2,300,000	
DIVISION					

RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 19.  
PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).

* U-5866	NEW ROUTE, US 129 (RODNEY ORR BYPASS) TO ROBINSVILLE HIGH SCHOOL AND MIDDLE SCHOOL. CONSTRUCT NEW ROUTE INCLUDING BRIDGE OVER CHEOAH RIVER.	RIGHT-OF-WAY	FY 2017 -	\$150,000	(T)
GRAHAM		UTILITIES	FY 2017 -	\$20,000	(T)
PROJ.CATEGORY		CONSTRUCTION	FY 2019 -	<u>\$3,800,000</u>	(T)
DIVISION				\$3,970,000	

RIGHT-OF-WAY ACCELERATED FROM FY 19 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 19.  
PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).

## STIP DELETIONS

## DIVISION 1

* B-5600	SR 1319 (ROPER LANE), REPLACE BRIDGE 470079 OVER CANAL.	RIGHT-OF-WAY	FY 2020 -	\$15,000	(STPOFF)
HYDE		CONSTRUCTION	FY 2021 -	<u>\$309,000</u>	(STPOFF)
PROJ.CATEGORY				\$324,000	
DIVISION					

DELETE AT THE REQUEST OF DIVISION.

B-5607	SR 1208 (WEST KITTY HAWK ROAD), REPLACE BRIDGE 270040 OVER CANAL.	RIGHT-OF-WAY	FY 2021 -	\$55,000	(HFB)
DARE		CONSTRUCTION	FY 2022 -	<u>\$575,000</u>	(HFB)
PROJ.CATEGORY				\$630,000	
HWY FUNDS					

DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT R-5738.

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP DELETIONS

## DIVISION 6

I-5846 ROBESON PROJ.CATEGORY STATEWIDE	I-74, US 74 TO EAST OF NC 710. PAVEMENT REHABILITATION. <u>DELETE, WORK TO BE ACCOMPLISHED UNDER DIFFERENT PROJECT.</u>	CONSTRUCTION	FY 2020 - <u>\$2,600,000</u> \$2,600,000	(NHPIM)
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I-5848 ROBESON PROJ.CATEGORY STATEWIDE	I-95, 1 MILE NORTH OF NC 72 (MILE POST 18) TO 0.2 MILE NORTH OF SR 1536 (CARTHAGE RD) (MILE POST 19). PAVEMENT REHABILITATION. <u>DELETE, WORK TO BE ACCOMPLISHED UNDER DIFFERENT PROJECT.</u>	CONSTRUCTION	FY 2020 - <u>\$700,000</u> \$700,000	(NHPIM)
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I-5849 ROBESON PROJ.CATEGORY STATEWIDE	I-95, NORTH OF SR 1536 (CARTHAGE RD) (MILE POST 19) TO NORTH OF US 301 (MILE POST 23). PAVEMENT REHABILITATION. <u>DELETE, WORK TO BE ACCOMPLISHED UNDER DIFFERENT PROJECT.</u>	CONSTRUCTION	FY 2020 - <u>\$1,700,000</u> \$1,700,000	(NHPIM)
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## DIVISION 9

* EB-5005 DAVIE PROJ.CATEGORY TRANSITION	RICH PARK GREENWAY, US 158, SR 1400 (CAMPBELL ROAD), AND RICH PARK IN MOCKSVILLE. CONSTRUCT MULTIUSE PATH. <u>DELETE; PROJECT DECLINED BY TOWN.</u>	CONSTRUCTION	FY 2015 - <u>\$700,000</u> \$700,000	STPEB
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ITEM N SUMMARY

ADDITIONS	140 PROJECTS	\$2,434,187,000
MODIFICATIONS	239 PROJECTS	
DELETIONS	6 PROJECTS	\$6,654,000
	385 PROJECTS	\$2,427,533,000

\* INDICATES FEDERAL AMENDMENT

Thursday, January 07, 2016

NCDOT January 7, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 20 Agreements for approval by the Board of Transportation.

Division 3

City of Jacksonville  
Onslow County  
U-4007A/ U-4007B  
35008.2.FS9  
35008.2.FS10

This Project consists of landscaping areas along the Jacksonville Bypass according to plans developed by the City of Jacksonville and approved by NCDOT. The Municipality shall develop the landscape design, prepare plans and site, and install the plantings. The Department shall participate in the cost not to exceed \$365,273.96. The Municipality shall assume maintenance of the plantings after one year.

Town of Leland  
Brunswick County  
U-5534 P  
44096.1.17

This Project consists of the design of a multi-use path beginning at Westgate Drive behind Wal-Mart, running south/southwest, crossing Jacky's Creek and tying into Ricegate Drive in Brunswick Forest in Leland. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$96,172 (80%) in STP-DA funds. The Municipality will be responsible for providing \$24,042 (20%) matching funds and all costs that exceed the total estimated cost of \$120,214.

Division 6

County of Harnett  
Harnett County  
44477

The Project consists of construction of a new entrance to the Harnett County Campus of Central Carolina Community College on US 421. The Department shall participate in an amount not to exceed \$98,000. The County will be responsible for remaining costs and all costs that exceed the total estimated cost of \$168,000.

Division 7

City of High Point  
Guilford County  
C-5609 A  
43731.3.2

This Project consists of an asphalt greenway between Deep River Road and Penny Road in High Point. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$1,236,000 (80%) in CMAQ funds. The Municipality will be responsible for providing \$309,000 (20%) matching funds and all costs that exceed the total estimated cost of \$1,545,000.

Town of Hillsborough  
Orange County  
U-5549  
43987.1.FR1  
50153.3.F1

This Project consists of signal improvements on NC 86 (Churton Street) and curb and gutter, crosswalk and bus pull-out on NC 86/US 70 Street in Hillsborough. This Supplemental Agreement is to remove \$47,000 of Spot Safety funding participation from the construction of the Project.

NCDOT January 7, 2016 Board of Transportation Agenda

Division 7, cont.

City of Greensboro  
Guilford County  
C-5555 E  
45540.1.6  
45540.2.6  
45540.3.6

This Project consists of the construction of sidewalk along College Road on the east side from Guida Drive to Friendly Avenue and along New Garden Road on the west side from Friendly Avenue to Ballinger Road in Greensboro. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$220,000 (80%) in CMAQ funds. The Municipality will be responsible for providing \$55,000 (20%) matching funds and all costs that exceed the total estimated cost of \$275,000.

City of Greensboro  
Guilford County  
EB-5712  
50408.3.F1

This Project consists of the construction of sidewalks along Lovett Street on both sides from West Florida Street to Freeman Mill Road where none exists, with appropriate curb cuts and driveway aprons, and marked crosswalks where needed in Greensboro. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$369,903 in Safe Routes to Schools funds.

Orange County  
C-5602 A  
43710.3.2

This Project consists of funding a 28 feet, 22-passenger diesel-powered expansion light transit vehicle (LTV) and operating assistance to support transit service expansion along the US 70 corridor between Mebane and Hillsborough. The County is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$164,129 (80%) in CMAQ funds. The County will be responsible for providing \$41,033 (20%) matching funds and all costs that exceed the total estimated cost of \$205,162.

City of High Point  
Guilford County  
P-2912 A  
49999.1STR14  
49999.3STR14  
34299.2.1  
37676

This Rail Agreement covers the Municipal Agreement entered into on June 14, 1993, between the Department and the Municipality, which was supplemented on April 22, 1996, March 12, 2001, October 29, 2001, August 5, 2003, September 2, 2005, April 18, 2012, and May 29, 2015, for certain improvements to the former Southern Railway Passenger Station located in High Point. Enhancement funds are no longer available and State funds have been added to complete the project. There will be no further supplements for this project. This Supplemental Agreement No. 8 amends the funding source from federal funds to state funds for improvements to the platform canopy roofing system, which will be performed by the Municipality. The estimated cost is \$400,000; \$320,000 (80%) in State Rail funds and \$80,000 (20%) in municipal match.

NCDOT January 7, 2016 Board of Transportation Agenda

Division 9

City of Winston-Salem  
Forsyth County  
U-2827B  
34872.1.1

This Project consists of roadway improvements to US 421 from I-40 Bypass to west of US 158 in Winston-Salem. This Agreement is for the Department to prepare an Area Model Analysis and Operational Analysis for detouring traffic in Winston-Salem during the Design-Build Project. The Department shall participate in fifty-five percent (55%) of the cost of the study. The Municipality shall reimburse the Department forty-five percent (45%), of the actual cost of the study. The estimated reimbursement from the Municipality is \$476,341.63. The estimated total cost of the study is \$1,050,297.

Division 10

City of Charlotte  
Mecklenburg County  
C-5538  
51008.2.1  
51008.3.1

This Project consists of the construction of a single-lane roundabout at the intersection of Tuckaseegee, Berryhill and Thrift Roads. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the CMAQ funds allocation, not to exceed \$1,847,000. The Municipality will be responsible for providing the 20% (\$461,750) non-federal match for the CMAQ funds authorized and all costs that exceed the total available funding of \$2,308,750.

Town of Cornelius  
Mecklenburg County  
EB-5775  
46417.2.1  
46417.3.1

This Project consists of the construction of the South Prong Rocky River Greenway. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of eligible costs from the STP-DA funds allocation, not to exceed \$721,000. The Municipality will be responsible for providing the 20% (\$180,250) non-federal match for the STP-DA funds authorized, and all costs that exceed the total available funding of \$901,250.

Mecklenburg County  
U-5107  
42369.1.1  
42369.3.1

This Project consists of signalization at the Tyvola Entrance to the Queens Athletic Complex. The County is responsible for all phases of the Project. The Department shall reimburse 80% of eligible costs from the High Priority funds allocation, not to exceed \$624,000. The Municipality will be responsible for providing the 20% (\$156,000) non-federal match for the High Priority funds authorized, and all costs that exceed the total available funding of \$780,000.

NCDOT January 7, 2016 Board of Transportation Agenda

Division 10, cont.

City of Concord  
Cabarrus County  
B-3421  
33048.3.1

The Project consists of the replacement of Bridge No. 266 on SR 1002 (Cabarrus Ave.) over Norfolk Southern Railway Company, including sidewalk, bridge rails, foundation and conduit system for decorative street lighting, in Cabarrus County. This Supplemental Agreement is for betterments to upgrade from four metal strain poles to two arch powder coated mast arms. The Municipality shall reimburse the Department 100% actual cost. The estimated cost is \$4,000.

Division 11

City of Mount Airy  
Surry County  
44598

The Project consists of design and construction necessary to repair slope protection along Lovills Creek, stream restoration, completion of greenway, and greenway enhancements. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$150,000. Costs which exceed this amount shall be borne by the Municipality.

Division 11, 12 & 13

Western Piedmont Council of  
Governments  
Alexander, Burke, Caldwell, and  
Catawba Counties  
U-5924  
44509.1.11  
44509.1.26

This Project consists of the Western Piedmont Council of Governments providing planning activities pursuant to Title 23 of the US Code, Section 134. The Department will reimburse eighty percent (80%) of the costs of eligible planning activities with Planning (PL) and STP-DA funds. The allocation of these funds to the Council will be commensurate with Federal-aid allocations and distribution by the Department.

Division 12

Ingles Markets, Inc.  
Iredell County  
I-3819  
34192.2.GV4

This Project consists of improvements to the I-40/ I-77 Interchange and I-40 from US 21 to I-77 in Statesville. The Developer has requested the Department to include preparation of engineering plans to construct a roundabout at US 21 and Free Nancy Avenue in conjunction with the Project. The Developer will be responsible for all costs. The estimated cost is \$185,000.

NCDOT January 7, 2016 Board of Transportation Agenda

Division 12, cont.

City of Gastonia  
Gaston County  
I-5000  
41153.1.1

This Project consists of geometric safety improvements to interchange on I-85/US 321 in Gastonia. As part of these improvements, an existing City of Gastonia trail will be relocated on land on which Norfolk Southern Railway has an easement. The location of the land for the new trail has to be abandoned by the railway in order for the trail to be constructed. This Agreement is to provide reimbursement for legal services procured in regard to the abandonment of the railroad property to be used as a trail. The Department will reimburse the Municipality one hundred percent (100%) of the cost of the legal services upon completion of the work. The estimated cost is \$20,000.

Division 14

Town of Fletcher  
Henderson County  
U-5872  
46415.1.1  
46415.2.1  
46415.3.1

This Project consists of the construction of Hendersonville Road (US 25) Improvements. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of eligible costs from the STP-DA funds allocation, not to exceed \$1,728,553,000. The Municipality will be responsible for providing the 20% (\$432,138) non-federal match for the STP-DA funds authorized, and all costs that exceed the total available funding of \$2,160,691.

FHWA – Eastern Federal Lands  
Highway Division (EFLHD)  
Graham County

This Project consists of the resurfacing of existing paved roadway, rebuilding of shoulders, installing thermoplastic pavement markings and snowplowable pavement markers along the Cherohala Skyway (Nantahala National Forest) in Graham County funded by Federal Lands Access Program (FLAP) funds. The Department is responsible for all phases of work. The Department shall participate in a matching share equal to 19.02% (\$911,464.32). The Total Project cost is \$4,627,321.60.

NCDOT January 7, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 24 Agreements for informational purposes only.

Division 3

Town of Boiling Springs Lakes  
Brunswick County  
46305.1.5

This Project consists of landscaping areas according to plans developed by Department for the Town of Boiling Springs Lakes. The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Circle K Inc.  
Brunswick County  
36249.3574

This Project consists of a signal upgrade at the intersection of NC 133 and (River Road) SR 1551 (Blackwell Road) related to the Belville Commons development. 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 5

KRG New Hill Place, LLC  
Wake County  
36249.3576

This Project consists of designing cable routing plans and line items for a new fiber optic network to be constructed by the Developer along NC-55 Bypass in Holly Springs, NC. The Department will perform the work and the Developer shall reimburse the Department one hundred percent (100%) of the actual costs. The estimated cost is \$13,000.

CalAtlantic Homes  
Wake County  
36249.3580

This Project consists of new signal installation at SR 1635 (McCrimmon Parkway) and Town Hall 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 7

City of High Point  
Guilford County  
7.104112  
7.104132

This Project consists of the fabrication and installation of new signs on I-74 and I-85 Business in High Point. The Department shall design, fabricate and provide the necessary labor for the installation of the signs. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost is \$100,000.

NCDOT January 7, 2016 Board of Transportation Agenda

Division 8

Town of Siler City  
Chatham County  
EB-5004  
45521.1.1  
45521.3.1

This Project consists of the construction of the Loves Creek Greenway. This Supplemental Agreement is to extend the completion date of the Project to February 2, 2017, in lieu of December 31, 2015.

Lee County  
36249.3577

This Agreement is to provide de-icing salt to the County for the safe and efficient utilization of transportation systems in the Lee County. The County shall reimburse the Department 100% of the actual cost of the de-icing salt. The estimated reimbursement to the Department is \$113.05 per ton.

Town of Aberdeen  
Moore County  
46305.3.16

This Project consists of installing landscape plantings on bridge realignment site located at the intersection of US 1 and US 15-501/NC 211 in Aberdeen. Upon completion of the work, the Municipality shall assume responsibility for all maintenance and replacement of the landscape materials.

Division 10

NR Holly Crest  
Property Owner, LLC  
36249.3575

This Project consists of traffic signal review and inspection for the traffic signal at NC 73 at Rich Hatchet Road in Huntersville. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Division 11

Lees-McRae College  
Avery County  
36249.3571

This Project consists of design, fabrication, and installation of one directional sign at the intersection of NC 184/NC 194 in Banner Elk. The Entity shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$400.

Town of Beech Mountain  
Avery County  
44480

This Project consists of the construction of a side-path along NC 184 (Beech Mountain Parkway) from 0.2 miles north of the south town limit to 0.6 miles north of the south town limit. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$250,000. Costs which exceed this amount shall be borne by the Municipality.

NCDOT January 7, 2016 Board of Transportation Agenda

Division 12

City of Gastonia  
Gaston County  
12.103612

This Municipal Maintenance Agreement (Schedule A) provides for the Municipality to contract with the Department for the installation, repair and maintenance of traffic control devices. The Municipality shall install and maintain signs and supports on the State Highway System Streets located within the Municipality. The Department shall be billed quarterly by the Municipality for the cost of signs and supports as per the agreement.

City of Gastonia  
Gaston County  
12.103612

This Municipal Maintenance Agreement (Schedule B) provides for the Municipality to maintain traffic control devices. The Municipality shall install and maintain pavement marking materials and pavement markers on the State Highway System Streets located within the Municipality. The Department shall be billed quarterly by the Municipality for the cost of signs and supports as per the agreement.

City of Gastonia  
Gaston County  
12.1036SM

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

City of Gastonia  
Gaston County  
12.1036SM

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

City of Hickory  
Catawba County  
12.101812

This Municipal Maintenance Agreement (Schedule A) provides for the Municipality to contract with the Department for the installation, repair and maintenance of traffic control devices. The Municipality shall install and maintain signs and supports on the State Highway System Streets located within the Municipality. The Department shall be billed quarterly by the Municipality for the cost of signs and supports as per the Agreement.

NCDOT January 7, 2016 Board of Transportation Agenda

Division 12, cont.

City of Hickory  
Catawba County  
12.101812

This Municipal Maintenance Agreement (Schedule B) provides for the Municipality to maintain traffic control devices. The Municipality shall install and maintain pavement marking materials and pavement markers on the State Highway System Streets located within the Municipality. The Department shall be billed quarterly by the Municipality for the cost of signs and supports as per the Agreement.

City of Hickory  
Catawba County  
12.1018SM

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

City of Hickory  
Catawba County  
12.1018SM

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

Town of Mooresville  
Iredell County  
12.1049SM

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

South Point Associates #1, LLC  
Gaston County  
36249.3579

This Project consists of review and inspection of newly placed signal at the intersection of NC 273 and new driveway. 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 Department's work. The estimated reimbursement is \$7,500.

NCDOT January 7, 2016 Board of Transportation Agenda

Division 13

Town of Mars Hill  
Madison County  
44472

This Project consists of construction of a sidewalk along NC 213 (Cascade Street) from Athletic Street to the gravel parking lot adjacent to the Mars Hill University Tennis Courts, Baseball Field and Football Complex. The Department shall be responsible for the phases of the work. The Municipality shall be responsible for all liability and maintenance responsibilities for the sidewalk upon completion and acceptance of work.

Ingles Markets  
Buncombe County  
36249.3554

This Project consists of the installation of a new metal pole and mast arm in the Northwest quadrant at the intersection of the Ingles Markets property at 863 Brevard Road (NC 191). 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 Department's work. The estimated reimbursement is \$7,500.

Division 14

Tryon International Equestrian  
Center  
Polk County  
36249.3573

This Project consists of design, fabrication and installation of guide signs for the Tryon International Equestrian Center on US 74 at Exit 170. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated reimbursement is \$15,000.

**NCDOT January 2016 Board of Transportation Agenda**

**Approval of Municipal Street System Changes**

**Additions to the State Highway System**

<b>Division</b>	<b>County</b>	<b>Municipality</b>	<b>Road</b>	<b>Termini</b>	<b>Length</b>
10	Union 2016_01_M001	Indian Trail	SR 1557	To add SR 1557 Reid Road that was incorrectly taken off by the September 2011 BOT agenda	0.41
			SR 1576	To add SR 1576 Beverly Drive that was incorrectly taken off by the September 2011 BOT agenda	0.83

**Deletions from the State Highway System**

<b>Division</b>	<b>County</b>	<b>Municipality</b>	<b>Road</b>	<b>Termini</b>	<b>Length</b>
02	Craven 2016_01_M001	New Bern	SR 1110	To delete (SR 1110) Wilcox Road from SR 1112 to end of state maintenance	1.28
			SR 1116	To delete (SR 1116) Thurman Road from SR 1111 to the existing city limit	0.44
			SR 1200	To delete (SR 1200) Country Club Road from end of US 70 exit ramp to SR 1299	1.55
			SR 1200	To delete (SR 1200) Chelsea Road from SR 1278 to the existing city limit	0.27
			SR 1219	To delete (SR 1219) Jimmies Creek Drive from US 17 to end of state maintenance	0.22
			SR 1220	To delete (SR 1220) Racetrack Road NC 55 to end of state maintenance	1.17
			SR 1278	To delete (SR 1278) Trent Road from US 17 to SR 1215	2.22

**Deletions from the State Highway System**

<b>Division</b>	<b>County</b>	<b>Municipality</b>	<b>Road</b>	<b>Termini</b>	<b>Length</b>
02	Craven 2016_01_M001	New Bern	SR 1304	To delete (SR 1304) Bosch Boulevard from NC 55 to dead end	0.71
			SR 1388	To delete (SR 1388) High School Drive Loop from US 17 to US 17	0.80
			SR 1393	To delete (SR 1393) McCarthy Boulevard from SR 1278 to US 17	0.50
			SR 1403	To delete (SR 1403) Oaks Road/National Avenue/George Street from SR 1402 to Broad Street	2.78
			SR 1491	To delete (SR1491) Health Drive from NC 55 to end of state maintenance	0.16
			SR 1521	To delete (SR 1521) Un-Named from SR 1304 to NC 43	0.29
			SR 1607	To delete (SR 1607) Riverside Drive from SR 1604 to end of state maintenance	0.55
			SR 1609	To delete (SR 1609) Sandy Point Road from SR 1607 to dead end	0.41
			SR 1965	To delete (SR 1965) Marion Drive from SR 1004 to end of stat maintenance	0.48

**Road Name Change Within Municipalities Corporate Limits**

<b>Division</b>	<b>County</b>	<b>Municipality</b>	<b>Road</b>	<b>Termini</b>	<b>Length</b>
11	Wilkes	Wilkesboro	SR 2506	To change road name for (SR 2506) from Lineberry Road to Herbal Ingenuity Way	0.26

**NCDOT January 2016 Board of Transportation Agenda**

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1 & R-2
2	Final Right of Way Plans	R-3 & R-4
3	Revisions of Final Right of Way Plans	R-5
4	Approval of Conveyance of Highway Right of Way Residues	R-6
5	Approval of Conveyance of Surplus Highway Right of Way	R-7
6	Approval of Revision in Control of Access	R-8

**Preliminary Right of Way Plans**

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

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

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

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

**(Division 2)**

**Pitt County; I.D. No. R-2250; Project No. 34411.2.5:**  
NC 11/903 (Greenville Southwest Bypass)

**(Division 3)**

**Pender County; I.D. No. B-4929; Project No. 40233.2.2:**  
Bridge No. 16 over the Intercoastal Waterway on NC 50/210 (Utilities)

**(Division 5)**

**Wake County; I.D. No. U-5515; Project No. 55056.2.F1:**  
SR 1930 (Stadium Drive), SR 1933 (West North Ave) from Capital Boulevard to SR 1954 (North Wingate Street)

**(Division 6)**

**Columbus County; I.D. No. W-5601AT; Project No. 50138.2.47:**  
US 701 from approximately 400 feet South to approximately 600 feet North of SR 1005 (Peacock Road)

**(Division 8)**

**Chatham County; I.D. No. W-5601CL; Project No. 50138.2.91:**  
US 64 at SR 1716 (Big Woods Road) / SR 1941 (Seaforth Road)

**Preliminary Right of Way Plans (continued)**

**(Division 8) (continued)**

**Scotland County; I.D. No. W-5208MA; Project No. 45338.2.14:**  
Construct roundabout to the intersection of US 15/501 and NC 144

**Randolph County; I.D. No. R-2536; Project No. 34450.2.8:**  
US 64 (Asheboro Southern Bypass) from US 64 West of Asheboro to Existing US 64 East of Asheboro and zoo connector from East of SR 2839 (Stanley's Farm Road)

**(Division 9)**

**Davidson County; I.D. No. B-4780; Project No. 45736.2.2:**  
Bridge No. 17 over Swearing Creek on NC 47

**Rowan County; I.D. No. N/A; Project No. 17BP.9.R.60:**  
Bridge No. 281 on Peeler Rd. (SR 2538) over Town Creek with Box Culvert

**(Division 10)**

**Union County; I.D. No. W-5601CS; Project No. 50138.2.98:**  
SR 1315 (New Town Road) from SR 1008 (Waxhaw-Indian Trail Road) to SR 1388 (Will Plyler Road) in Wesley Chapel and SR 1336 (Chambwood Road) near Wesley Chapel

**Cabarrus County; I.D. No. B-5804; Project No. 45758.2.1:**  
Bridge No. 56 over Lake Fisher on SR 2000 (Brantley Road)

**Cabarrus County; I.D. No. U-5806; Project No. 44378.2.2:**  
Intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 (Kings Grant Pavilion) (Utilities)

**Final Right of Way Plans**

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

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

**(Division 7)****Project No. 46055.2.FD1; Rockingham County; I.D. No. B-5341:**

Grading, drainage, paving and structure on Bridge No. 110 over Wolf Island Creek on SR 1767 (Mayfield Road) with the right of way indicated upon the final plans for said project.

**(Division 10)****Project No. 46056.2.FD1; Alamance County; I.D. No. B-5342:**

Grading, drainage, paving, signal and culvert on Bridge No. 258 over South Fork Crooked Creek on SR 1008 (Indian Trail Road) and intersection improvements on SR 1009 and SR 1371 with the right of way indicated upon the final plans for said project.

**(Division 12)****Project No. 42303.2.FD1; Iredell County; I.D. No. B-5142:**

Grading, drainage, paving and structure on Bridge No. 57 over Cornelius Creek on SR 1302 with the right of way indicated upon the final plans for said project.

**(Division 13)****Project No. 46110.2.FD1; Rutherford County; I.D. No. B-5395:**

Grading, drainage, paving and culvert on Bridge No. 577 over Hunting Creek on SR 1538 with the right of way indicated upon the final plans for said project.

**(Division 14)****Project No. 38592.2.FD1; Transylvania County; I.D. No. B-4822:**

Grading, drainage, paving and structure on Bridge No. 13 over Nicholson Creek on SR 1119 with the right of way indicated upon the final plans for said project.

**Final Right of Way Plans (continued)**

**(Division 14) (continued)**

**Project No. 43587.2.1; Transylvania County; I.D. No. R-5605:**

Grading, drainage, paving and signals on Davidson River Village Connector – from US 64 to US 276/US 64 in Pisgah Forest with the right of way indicated upon the final plans for said project.

**Project No. 46118.2.FD1; Transylvania County; I.D. No. B-5403:**

Grading, drainage, paving and structure on Bridge No. 196 over Crab Creek on SR 1532 with the right of way indicated upon the final plans for said project.

**Project No. 46119.2.FD1; Jackson County; I.D. No. B-5404:**

Grading, drainage, paving and structure on Bridge No. 136 over Pine Creek on SR 1163 with the right of way indicated upon the final plans for said project.

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

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

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

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

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

**(Division 11)**

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

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

**Project No. 34518.2.FR1; I.D. No. R-2915A; Watauga/Ashe Counties:**

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.

**Approval of conveyance of Highway Right of Way Residues**

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

**(Division 11)**

**Project 8.2730704, Parcel U-91C 011, Lenoir Southwest Loop from East of SR 1146 (Dula Town Road) to East of SR 1001 (Connelly Springs Road)**

**Caldwell County**

Conveyance of an approximate 0.310-acre residue area to Jack G. Bolick and Carol K. Bolick for the high bid amount of \$600.00

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

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

**(Division 10)**

**Project 8.U670112, Parcel 000, NC 51 from Pineville Northeasterly to NC 16  
Mecklenburg County**

Abandonment of an approximate 25.856-acre surplus right of way area to the County of Mecklenburg for no monetary consideration.

**(Division 11)**

**Project 8.4700101, Parcel 005, SR 1784 (John P. Frank Parkway) in Traphill  
Wilkes County**

Abandonment of an approximate 0.886-acre surplus right of way area to Wild Mountain Properties, LLC for no monetary consideration.

**Approval of Revision in Control of Access**

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 9)**

**Project 8.2621603, Parcel 004, Silas Creek Parkway from South of Polo Road North to Intersection of Bethabara Road and North Point Blvd  
Forsyth County**

Grant of a revision in the existing control of access to Jemsite Development, LLC an approximate 70 foot break along SR 4463 (Fairlawn Drive) and an approximate 60 foot break along SR 1528 (Silas Creek Parkway) in Winston-Salem, for no monetary consideration.

APPROVAL OF REVISION IN C/A

1 PROJECT(S)

\$0.00

**R-ITEM SUMMARY**

**26 PROJECT(S)**

**TOTAL: \$600.00**

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2015 - 2016**

There will be no Maintenance Allocation submitted to the Board for approval at the January 2016 Board meeting.

There are no Comprehensive Transportation Plans to be presented for approval at the January 7, 2016 Board of Transportation Meeting.

## **RESOLUTION FOR DEPUTY C. PAUL WEST SR.**

**WHEREAS**, Deputy Clendon Paul West, Sr. was born in Smithfield, Johnston County, North Carolina in 1968, was a graduate of Smithfield-Selma High School, joined the United States Marine Corps and after an honorable discharge returned to Johnston County where he later became a deputy with the Johnston County Sheriff's Office; and

**WHEREAS**, Deputy Clendon Paul West, Sr. was a loving father of two sons, husband, brother, son, grandson and friend; and

**WHEREAS**, Deputy Clendon Paul West, Sr., was never limited to his Public Servant uniform, and spent countless hours working in his community to support the youth through coaching and volunteering; and

**WHEREAS**, on September 11, 1995 Deputy Clendon Paul West, Sr., was fatally wounded in the line of duty while serving the citizens of Johnston County; and

**WHEREAS**, Deputy Clendon Paul West, Sr., gave the ultimate sacrifice for his service to the Town of Smithfield and Johnston County; and

**WHEREAS**, the Johnston County Board of Commissioners and the Smithfield Town Council request to name the bridge on Market Street over the Neuse River in memory of Deputy Clendon Paul West, Sr.

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

That the North Carolina Board of Transportation names the bridge on Market Street over the Neuse River in Smithfield as the *Deputy C. Paul West, Sr. Bridge*.

That appropriate signs be erected at a suitable time.

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

  
Chairman

  
Secretary of Transportation

**DBE/MB/WB LETTING SUMMARY**

Federal Contract Awards Summary

Oct 2015 let through Dec 2015 let

Federal Fiscal Year 2015/2016

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
						MB		WB	
						\$	%	\$	%
Monthly	33,318,919.04	3,527,776.86	10.6	2,599,933.30	7.8	976,283.20	2.9	1,623,650.10	4.9
FY to Date	107,733,919.48	9,706,140.63	9.0	10,296,354.90	9.6	2,600,355.20	2.4	7,695,999.70	7.1

State Contract Awards Summary

Jul 2015 let through Dec 2015 let

State Fiscal Year 2015/2016

	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
		\$	%	\$	%	\$	%	\$	%
		Monthly	12,371,078.40	371,132.35	3.0	228,679.40	1.8	420,560.96	3.4
FY to Date	184,228,830.14	7,762,114.06	4.2	5,984,127.80	3.2	10,248,033.71	5.6	12,245,760.96	6.6

Letting Date(s): December 15th, 2015

Award Date: January 7th, 2016

Award Subject to Secretary's Approval

LETTING DATES: December 15, 2015

AWARD DATE: January 7, 2015

Contract Information	County	Work Description	Prime Contractor	ADVERTISED GOALS SET		PARTICIPATION SUBMITTED		GOOD FAITH EFFORT AWARDED		AWARDED BY SECRETARY	
				3.0	4.0	0.0	1.6	YES	NO	YES	NO
2016CPT.01.03.10081.1, etc. C203795	BERTIE, HERTFORD, MARTIN	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	BARNHILL CONTRACTING COMPANY	3.0	4.0	0.0	1.6	X		X	
2016CPT.01.04.10281.1, etc. C203794	DARE, HYDE	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	RPC CONTRACTING INC	3.0	3.0	3.0	3.0			X	
45336.3.39 HSIP-0024(67) W-5206AM C203719	CUMBERLAND	GRADING, PAVING, DRAINAGE, AND SIGNALS.	BARNHILL CONTRACTING COMPANY	12.0		12.0				X	
45849.3.FR1 HSIP-095-2(128)46 W-5519 C203655	CUMBERLAND	GRADING, DRAINAGE, AND PAVING.	HIGHLAND PAVING COMPANY LLC (Award deferred due to funding)	14.0		5.0		X		X	
46056.3.2 B-5342 C203660	ALAMANCE	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	SMITH-ROWE, LLC	3.0	4.0	1.1	8.7	X		X	
33313.3.FD1 BRZ-1456(6) B-3868 C203656	MACON	GRADING, DRAINAGE, PAVING AND STRUCTURE.	NHM CONSTRUCTORS, LLC	3.0		3.0				X	
33507.2.FD1 BRZ-1002(13) B-4159 C203498	JACKSON	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.	PENDING GOOD FAITH EFFORT APPEAL	8.0		N/A			X		
34428.3.FR4 HPP-0064(115) R-2409C C202582	TRANSYLVANIA	GRADING, DRAINAGE, PAVING, AND RETAINING WALLS.	GLF CONSTRUCTION CORPORATION	11.0		11.0				X	



January 6, 2016

*Financial Update*

David Tyeryar, Chief Financial Officer



# Financial Update

## SFYTD 2016 as compared SFYTD 2015

Dollars in Millions	November 15	November 14	Year to Date		% Change
			November 15	November 14	
Revenue Collections	\$ 325	\$ 349	\$ 1,960	\$ 1,885	4.0%
Expenditures	<u>381</u>	<u>391</u>	<u>2,014</u>	<u>2,006</u>	0.4%
Net Change	\$ (56)	\$ (42)	\$ (54)	\$ (121)	

	November 15	November 14
Cash Balances:		
Trust Fund	\$ 1,229	\$ 970
Highway Fund*	<u>129</u>	<u>77</u>
Totals	<u>\$ 1,358</u>	<u>\$ 1,047</u>

\*Excludes bond proceeds held by Trustee & GARVEE Debt Service Reserve



Unaudited Financial Report

Transportation

# Revenue & Expenditure Variances > 5%

## As of November 30, 2015

<b>RECEIPTS</b>		
<b>State &amp; Federal Receipts:</b>	<b>Budget/Actual</b>	<b>Reason for Variance</b>
Highway Use Tax	11%	Car sales are higher than estimated.
Motor Fuels Taxes	8%	The number of gallons of gasoline sold in the first quarter of SFY 2016 is almost 10% higher than the number of gallons sold in the first quarter of SFY 2015.
DMV/Other Revenue	-7%	Estimated Revenue increased 17.3% for FY16. Actual revenue only increased 12.3% due to some fees not being implemented until October or after.
<b>EXPENDITURES</b>		
<b>State &amp; Federal Funded Programs:</b>	<b>Budget/Actual</b>	<b>Reason for Variance</b>
Construction	-15%	STI expenditures are below the estimated budget.
Other Modal/Other Programs	-13%	Spend rate for 1st quarter of SFY 2015 was higher than for 1st quarter of SFY 2016.
Public Transportation	-11%	October Rural Operating Assistance Program payment not made until November.
Administration	-23%	It is spending prior year carried forward authorizations.



# Revenue Summary November 2015

## (\$ in Millions)

	November 2015	November 2014	Year Over Year				SFY to Budget		
			2015-2016 Actual	2014-2015 Actual	\$	%	Budget to Date	\$	%
<b>State &amp; Federal Receipts:</b>									
Highway Fund *	\$ 153.9	\$ 169.0	\$ 817.3	\$ 832.1	\$ (14.8)	-2%	\$ 791.7	\$ 25.6	3%
Highway Trust Fund *	105.5	92.6	582.1	504.0	78.1	15%	536.5	45.6	8%
Total State Funds	259.4	261.6	1,399.4	1,336.1	63.3	5%	1,328.2	71.2	5%
Federal Funds/Participation	50.5	84.9	490.5	512.0	(21.5)	-4%	\$ 494.0	(3.5)	-1%
GARVEE Reimbursement/NCTA	14.9	2.2	69.9	37.1	32.8	89%	N/A	N/A	N/A
<b>Total</b>	<b>\$ 324.8</b>	<b>\$ 348.7</b>	<b>\$ 1,959.8</b>	<b>\$ 1,885.1</b>	<b>\$ 74.6</b>	<b>4%</b>	<b>\$ 1,822.2</b>	<b>\$ 67.7</b>	<b>8%</b>
	November 2015	November 2014	Year Over Year				SFY to Budget		
* Memo			2015-2016 Actual	2014-2015 Actual	\$	%	Budget to Date	\$	%
<b>Highway Fund &amp; Trust Fund Details</b>									
Motor Fuel Taxes	\$ 157.7	\$ 161.6	\$ 818.6	\$ 799.0	\$ 19.6	2%	\$ 759.3	\$ 59.3	8%
Highway Use Tax	50.8	44.4	292.5	260.0	32.5	12%	263.0	29.5	11%
DMV/Other Revenue	50.1	55.1	285.1	275.3	9.8	4%	305.0	(19.8)	-7%
Investment Income	0.8	0.5	3.2	1.8	1.4	77%	0.9	2.3	251%
<b>Total</b>	<b>\$ 259.4</b>	<b>\$ 261.6</b>	<b>\$ 1,399.4</b>	<b>\$ 1,336.1</b>	<b>\$ 63.3</b>	<b>5%</b>	<b>\$ 1,328.2</b>	<b>\$ 71.2</b>	<b>5%</b>



Unaudited Financial Report

Transportation

# Expenditure Summary November 2015

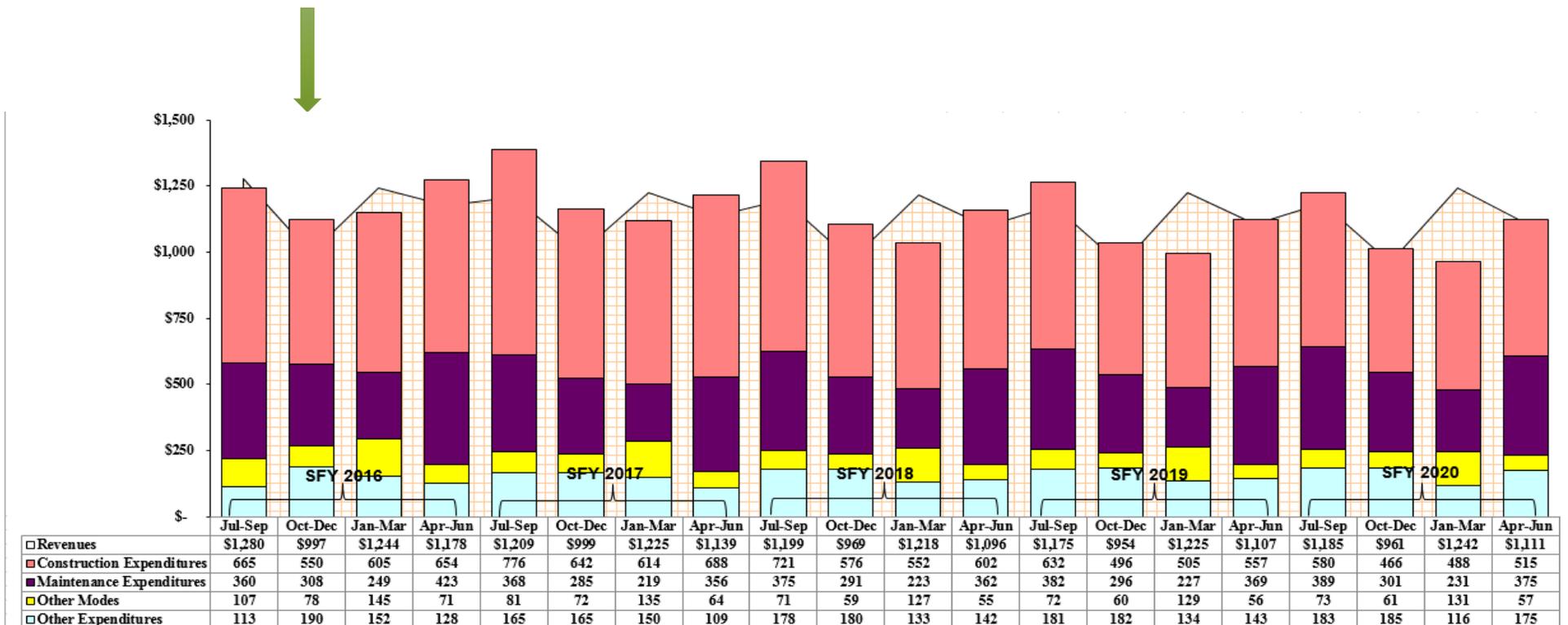
(\$ in millions)

			Year Over Year				SFY to Budget		
	Nov-15	Nov-14	2015-2016 Actual	2014-2015 Actual	\$	%	2015-2016 Budget	\$	%
<b>State &amp; Federal Funded Programs:</b>									
Construction	\$ 171.8	\$ 178.3	\$ 935.8	\$ 934.3	\$ 1.5	0%	\$ 1,096.7	\$ (160.9)	-15%
Maintenance	94.6	97.2	557.8	558.2	(0.4)	0%	567.6	(9.8)	-2%
Public Transportation	16.0	14.9	40.9	38.5	2.4	6%	45.9	(5.1)	-11%
Other Modal/Other Programs	14.1	9.8	61.6	63.9	(2.3)	-4%	70.6	(9.0)	-13%
Administration	22.3	19.0	67.5	75.7	(8.2)	-11%	87.5	(20.0)	-23%
Municipal Aid	-	-	73.9	73.4	0.5	0%	73.8	-	0%
Transfers to Other Agencies	0.4	51.5	22.4	120.0	(97.6)	NA	22.4	(0.0)	0%
GARVEE/NCTA/Special Initiatives	61.4	19.8	254.0	141.5	112.5	79%	N/A	N/A	N/A
<b>Total Expenditures</b>	<b>\$ 380.6</b>	<b>\$ 390.6</b>	<b>\$ 2,013.9</b>	<b>\$ 2,005.5</b>	<b>\$ 8.4</b>	<b>0%</b>	<b>\$ 1,964.6</b>	<b>\$ (204.8)</b>	<b>-10%</b>



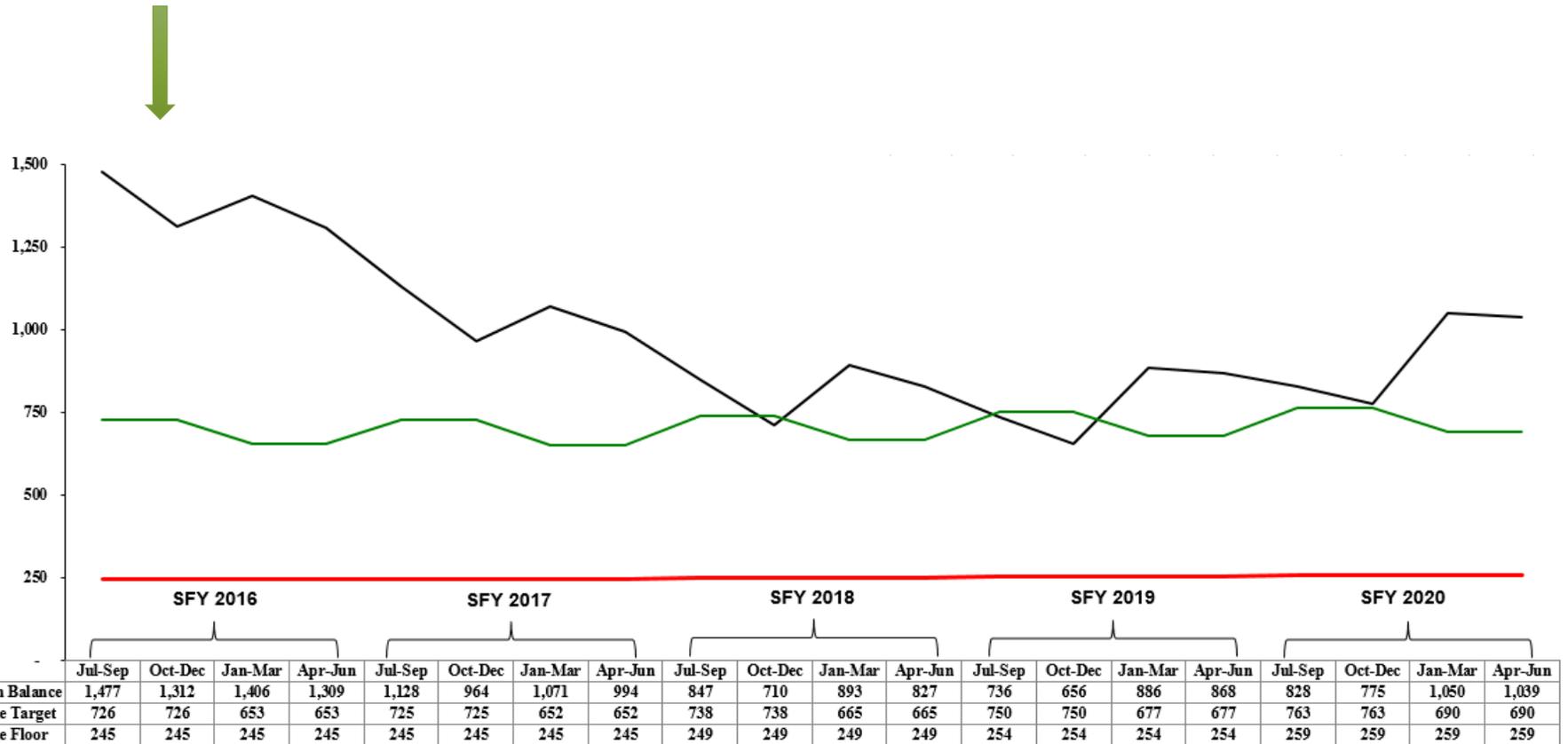
# 60 Month Cash Model

## Revenue & Expenditure Projections as of November 2015

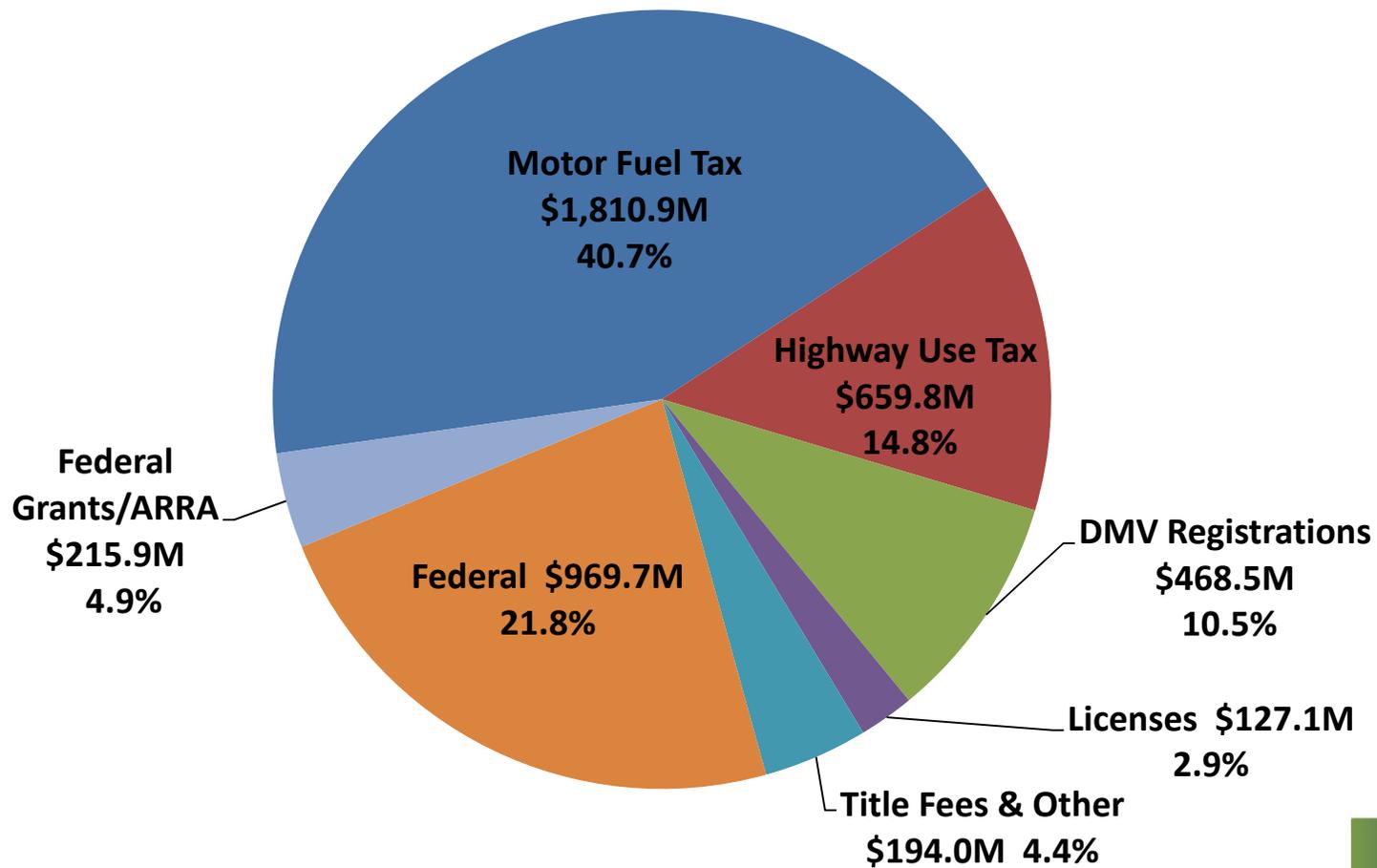


# 60 Month Cash Model

## Cash Projections as of November 2015



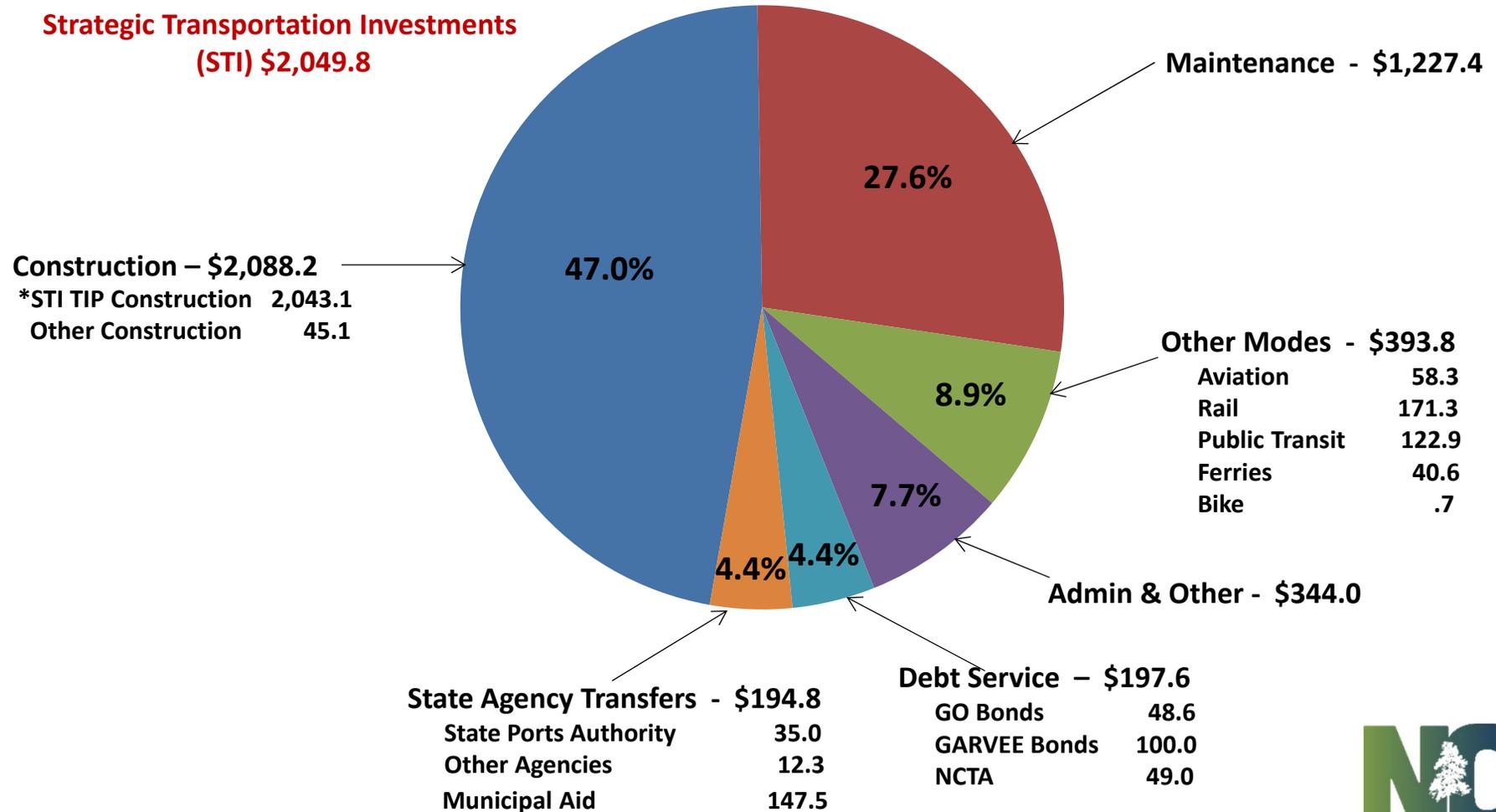
# NCDOT Revenue Sources SFY2016 - \$4.4 Billion



# Uses of 2015-16 NCDOT Appropriations

## Total Funding = \$4.4 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)



Unaudited Financial Report

Transportation

# Right of Way & Preliminary Engineering Expenditures

SFY 2016 Period Ending November 2015

	1st Quarter SFY	2nd Quarter SFY	3rd Quarter SFY	4th Quarter SFY	SFY Totals	SFY Target	% of Target
<b>Right of Way:</b>							
TIP Projects (excluding GV)	\$ 105.2	\$ 62.7			\$ 167.9	\$ 300.0	56%
Garvee Projects (GV)	2.5	0.2			2.7	62.6	4%
<b>Total TIP Projects</b>	<b>\$ 107.7</b>	<b>\$ 62.9</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 170.6</b>	<b>\$ 362.6</b>	
<b>Preliminary Engineering:</b>							
TIP Projects (excluding TA)	\$ 50.9	\$ 33.9			\$ 84.8	\$ 165.0	51%
Toll Authority (TA) Projects	0.9	0.3			1.2	6.5	18%
<b>Total TIP Projects</b>	<b>\$ 51.8</b>	<b>\$ 34.2</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 86.0</b>	<b>\$ 171.5</b>	

MEMO: State Fiscal YTD Totals Exclude Specific Allocations

(\$ in Millions)



Unaudited Financial Report

Transportation

# FFY 2016 Federal Rail Scorecard

## As of November 30, 2015

### ARRA Rail Grant Awards (Inception to Date)

GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	PENDING BILL AMOUNTS	AVAILABLE TO BILL	EXCEPTIONS
NCDOT Piedmont Third & Fourth Frequency Equipment Procurement & Rehabilitation Period of Performance End Date 9-30-2017	\$ 520,000,000	\$ 519,999,992	\$ 349,858,215	\$ 329,533,967	\$ -	\$ 20,324,248	
SE High Speed Rail Corridor PE/NEPA - Richmond, Va to Raleigh, NC Period of Performance End Date 9-01-2015	\$ 4,000,000	\$ 4,000,000	\$ 3,885,059	\$ 3,885,059	\$ -	\$ -	
NCDOT Intercity Passenger Rail Congestion Mitigation Period of Performance End Date 8-30-2014	\$ 26,560,839	\$ 26,560,839	\$ 6,710,880	\$ 6,121,505	\$ -	\$ 589,375	
<b>TOTAL ARRA</b>	<b>\$ 550,560,839</b>	<b>\$ 550,560,831</b>	<b>\$ 360,454,154</b>	<b>\$ 339,540,531</b>	<b>\$ -</b>	<b>\$ 20,913,623</b>	<b>\$ 2,386,807</b>

### FEDERAL Rail Grant Awards (NON-ARRA)

GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	PENDING BILL AMOUNTS	AVAILABLE TO BILL	EXCEPTIONS
Traditional Rail Projects - Various	\$ 22,200,000	\$ 22,000,000	\$ 3,473,954	\$ 30,464	\$ -	\$ -	\$ (46,406)

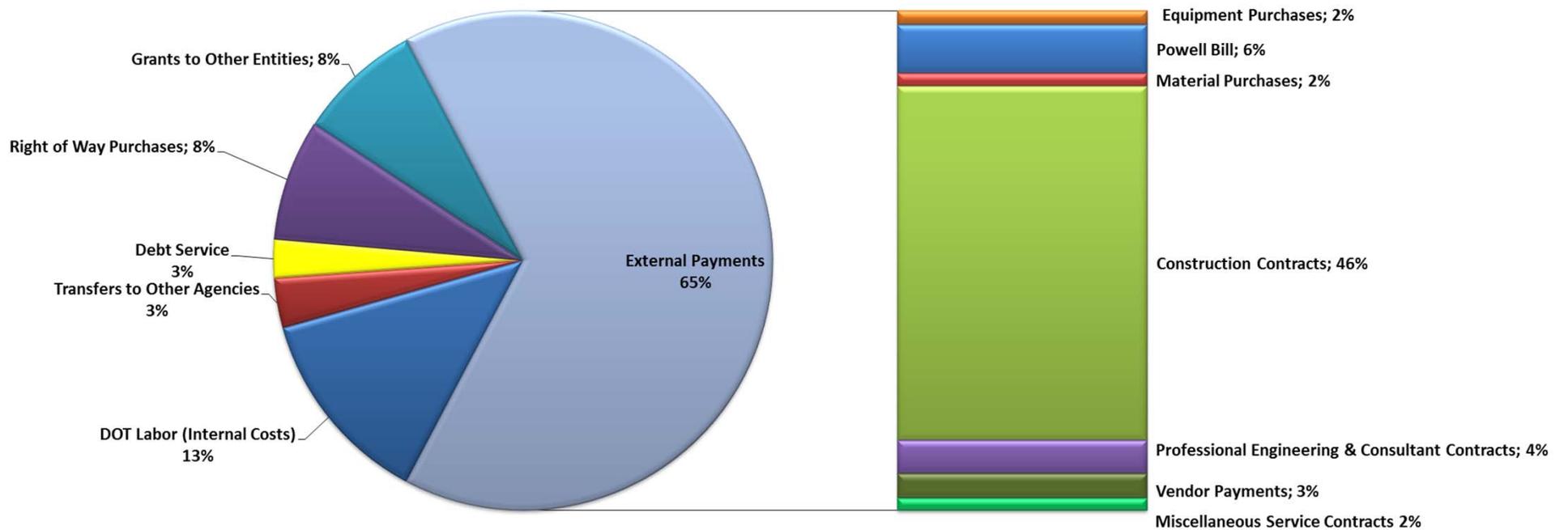


Unaudited Financial Report

Transportation

# NCDOT Expenditures

## SFY2016 as of November 30, 2015



# History of Outsourcing

## Construction, PE & Maintenance

### Direct Payments to Contractors – from Accounting System

LetMonth	2012	2013	2014	2015	2016
July	\$ 448,407,234.80	\$ 185,312,013.66	\$ 176,706,305.23	\$ 113,391,639.12	\$ 114,506,885.36
August	138,357,208.50	289,393,675.95	89,999,231.25	\$ 219,184,446.85	\$ 160,240,516.89
September	158,308,729.59	166,861,142.45	411,096,640.28	\$ 63,613,868.21	\$ 199,101,546.50
October	140,842,886.18	110,471,922.48	130,520,847.46	\$ 259,030,359.39	\$ 90,795,100.73
November	134,024,782.15	67,494,301.44	165,491,329.33	\$ 416,878,346.74	\$ 102,117,125.79
December	92,793,922.73	159,071,326.49	131,252,531.08	\$ 113,550,459.34	
January	356,408,776.77	104,084,869.28	359,662,160.77	\$ 101,068,086.75	
February	246,292,023.88	164,653,616.54	160,656,840.86	\$ 164,939,003.95	
March	223,848,754.38	285,956,557.24	115,534,131.67	\$ 274,440,078.10	
April	173,734,294.47	125,968,286.35	472,735,059.92	\$ 127,275,019.12	
May	202,516,469.42	186,589,420.50	127,483,945.94	\$ 556,524,677.05	
June	341,428,007.73	103,102,151.15	309,412,638.16	\$ 334,569,314.45	
<b>Total</b>	<b>\$ 2,656,963,090.58</b>	<b>\$ 1,948,959,283.52</b>	<b>\$ 2,650,551,661.95</b>	<b>\$ 2,744,465,299.06</b>	<b>\$ 666,761,175.28</b>





# Overview of New Federal Transportation Authorization

# **FIXING AMERICA'S**

# **SURFACE TRANSPORTATION ACT**

**Bud Wright**

*Executive Director*

American Association of State Highway and Transportation Officials



FAST Act

CONFERENCE REPORT

TO ACCOMPANY

H.R. 22



DECEMBER 1, 2015.—Ordered to be printed

# FAST ACT

- Enacted into law on December 4, 2015
- First long-term transportation bill since SAFETEA-LU in August 2005
- \$305 billion from 2016 to 2020



# OVERVIEW

## Funding Certainty for Five Years

- Contract Authority Provided for highway, highway safety, and transit programs between FY 2016 and 2020.
- \$305 billion in total funding; \$281 billion guaranteed from the Highway Trust Fund.
- Modest increase in Federal funding levels, slightly higher than rate of inflation.
- About 93 percent of highway dollars are apportioned to States.



# OVERVIEW

## A Multimodal Program Platform

- Proportionate funding increases for both highway and transit programs.
- Formula-based National Freight Program to support highway freight movement.
- Continuation of bicycle and pedestrian funding program.
- General Fund authorization of passenger rail funding and programs, including Amtrak.



# OVERVIEW

## FAST Act's Policy Priorities

- Streamlined project delivery through an improved review and permitting process that can lower costs and bring benefits to users sooner.
- Refinement of freight policy and network to match dedicated Federal freight funding.
- New technologies such as connected and automated vehicles.
- Further innovations in project financing and procurement.
- Demonstration of user-fee based alternative revenue mechanisms to sustain the Highway Trust Fund over the long term.
- Continuation of performance-based program implementation as enacted in MAP-21.



# FAST ACT TOTAL FUNDING, 2016-2020

In millions of dollars / HTF = Highway Trust Fund / GF = General Fund

Program Category	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total	5-Year Avg
Highways (HTF and GF)	41,025	43,322 5.6%	44,215 2.1%	45,183 2.2%	46,218 2.3%	47,314 2.4%	226,252	45,250
Transit (HTF and GF)	10,695	11,789 10.2%	12,175 3.3%	12,175 0.0%	12,381 1.7%	12,592 1.7%	61,113	12,223
Highway Safety (HTF)	1,252	1,297 3.6%	1,376 6.1%	1,404 2.1%	1,428 1.7%	1,454 1.8%	6,959	1,392
Passenger Rail (GF)	1,390	1,670 20.1%	1,870 12.0%	2,046 9.4%	2,297 12.3%	2,472 7.6%	10,355	2,071
<b>GRAND TOTAL (HTF)</b>	<b>50,842</b>	<b>53,744 5.7%</b>	<b>55,114 2.5%</b>	<b>56,111 1.8%</b>	<b>57,375 2.3%</b>	<b>58,709 2.3%</b>	<b>281,053</b>	<b>56,211</b>
<b>GRAND TOTAL (HTF and GF)</b>	<b>54,362</b>	<b>58,078 6.8%</b>	<b>59,636 2.7%</b>	<b>60,809 2.0%</b>	<b>62,324 2.5%</b>	<b>63,832 2.4%</b>	<b>304,679</b>	<b>60,936</b>



# HIGHWAY TRUST FUND APPORTIONMENTS FOR NORTH CAROLINA, 2016-2020

Program Category	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total	5-Year Avg
Highways	1,007	1,058 5.1%	1,080 2.1%	1,103 2.2%	1,128 2.3%	1,155 2.4%	5,524	1,105
Transit	115	117 1.8%	119 2.0%	122 2.1%	124 2.0%	127 2.1%	608	122
<b>TOTAL</b>	<b>1,252</b>	<b>1,297</b> <b>3.6%</b>	<b>1,376</b> <b>6.1%</b>	<b>1,404</b> <b>2.1%</b>	<b>1,428</b> <b>1.7%</b>	<b>1,454</b> <b>1.8%</b>	<b>6,959</b>	<b>1,392</b>



# ANTICIPATED CHALLENGES

- FAST provides \$57.5 billion for highways and transit annually. Adjusted for inflation, this is \$16 billion short of the Highway Trust Fund's purchasing power in 1993.
- Demands on the transportation system will only continue to grow based on increases in total vehicle miles traveled, urban congestion, transit use, freight movement, and volatile weather patterns.
- Long-term, sustainable funding for transportation is yet to be achieved. Because the bill relies on \$70 billion of General Fund support, the expected annual gap between Highway Trust Fund income and spending in 2021 is expected to reach \$20 billion per year.



# ANTICIPATED CHALLENGES

- FAST contains language to rescind \$7.6 billion of highway program contract authority in July 2020. This provision will greatly restrict the ability of States to program Federal dollars.
- Existing research programs will face funding constraints due to new research mandates.
- Safety educational activities are now ineligible under the Highway Safety Improvement Program.



# PROGRAM STRUCTURE

- Surface Transportation Program is renamed the Surface Transportation Block Grant Program (STBGP).
- STBGP suballocation increases by 1 percent per year from 51 percent in 2016 to 55 percent by 2020. State share of STBGP increases by \$20 million in 5 years; suballocated STBGP increases by \$920 million.
- Current off-system bridge set-aside is retained under the STBGP, funded at \$777 million each year.



# PROGRAM STRUCTURE

- National Highway Performance Program dollars are eligible to be expended on non-NHS highway bridges that are on a Federal-aid eligible highway.
- Transportation Alternatives Program is folded into STBGP and renamed as an “STBGP Set-aside,” funded between \$835 million and \$850 million per year. Up to 50 percent of suballocated STBGP Set-aside can be transferred for broader STBGP eligibilities. Recreational Trails eligibility remains the same.



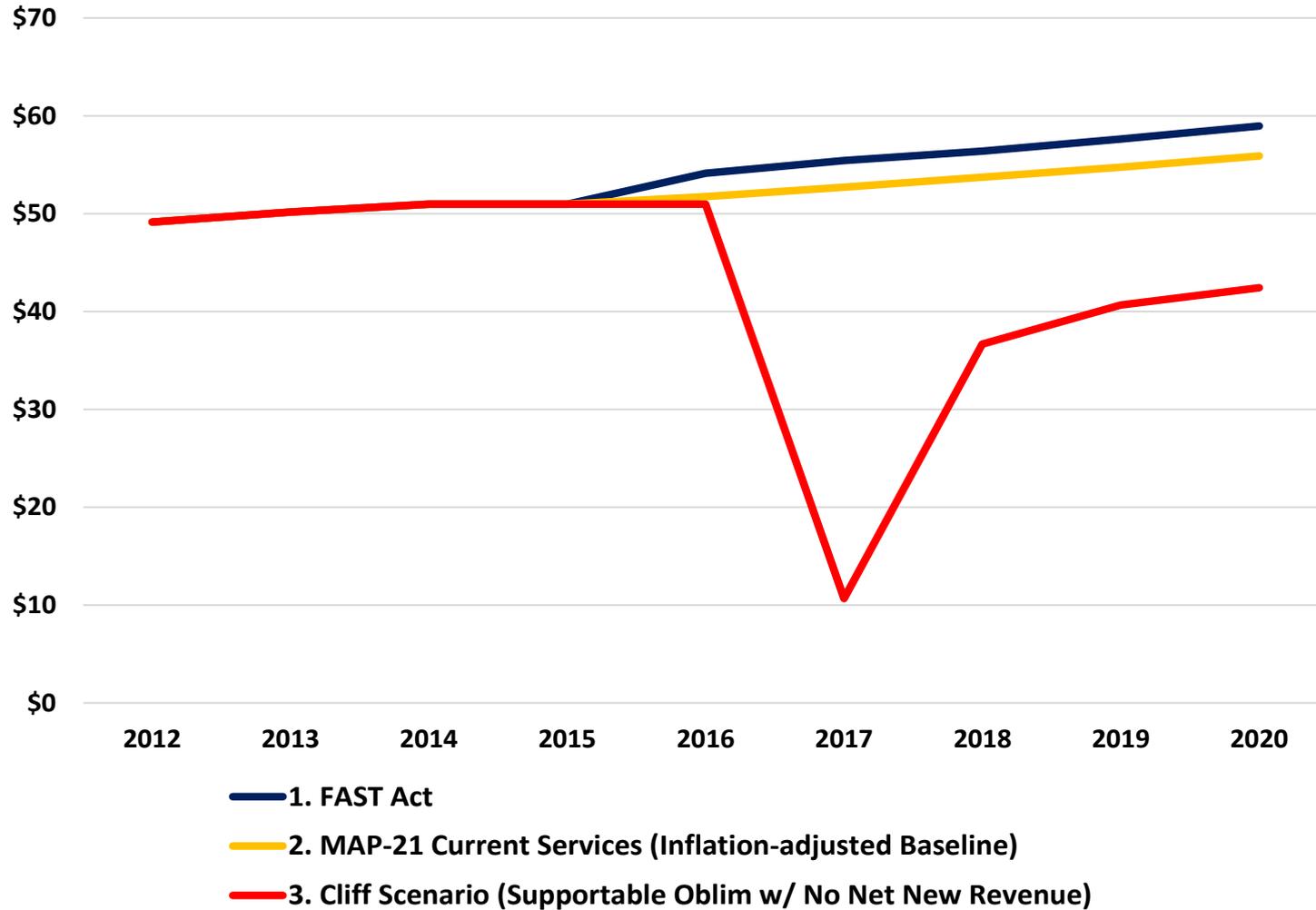
# REVENUE AND FINANCING

- Interstate System Reconstruction and Rehabilitation Pilot Program slots come with a 3-year limit; current slot-holding states like North Carolina have 1 year to demonstrate progress.
- \$95 million for demonstration of user-fee based alternative revenue mechanisms to sustain HTF over the long term.
- Includes automatic mechanism to increase contract authority if new law provides more HTF revenues.
- Proportionally rescinds \$7.6 billion of unobligated contract authority on July 1, 2020; exempts HSIP, Rail-Highway Crossing, Metro Planning, and suballocated STBGP.
- TIFIA is funded at \$275 to \$300 million per year; NHPP, STBGP, and National Freight Program funds could “buy down” TIFIA subsidy. TIFIA can support Transit-oriented Developments and capitalize Rural Project Funds at State Infrastructure Banks.



# COMPARISON OF ESTIMATED ANNUAL HIGHWAY AND TRANSIT OBLIGATIONS

In billions of dollars



# REVENUE AND FINANCING

- \$70 billion of General Funds transferred to HTF under FAST.
- After 2020, average annual shortfall in HTF will reach about \$20 billion.
- “Pay-fors” for \$70 billion of GF transfers include:
  - Increased civil penalties allowable for NHTSA: \$0.423 billion
  - Passport revocation for delinquent taxpayers: \$0.395 billion
  - Allowing the Internal Revenue Service to hire private tax collectors: \$2.408 billion
  - Indexing Customs user fees for inflation: \$5.188 billion
  - Transfer from the capital surplus account of the Federal Reserve: \$53.334 billion
  - Dividend reductions for the Federal Reserve’s member banks: \$6.904 billion
  - Sale of 66 million barrels of crude oil from the Strategic Petroleum Reserve: \$6.2 billion
  - Royalty overpayment correction under the Office of Natural Resources Revenue: \$0.32 billion



# History of Cash Transfers to the Highway Trust Fund

Enactment Date	Amount	From	To	Legislation
9/15/2008	\$8,017,000,000	General Fund	Highway Account	PL 110-318
8/7/2009	\$7,000,000,000	General Fund	Highway Account	PL 111-46
3/18/2010	\$14,700,000,000	General Fund	Highway Account	PL 111-147
3/18/2010	\$4,800,000,000	General Fund	Mass Transit Account	PL 111-147
7/6/2012	\$2,400,000,000	LUST Trust Fund	Highway Account	PL 112-141
7/6/2012	\$6,201,229,445	General Fund	Highway Account	PL 112-141
8/2/2011*	-\$316,772,276	Highway Account	General Fund	PL 112-25
7/6/2012	\$10,400,000,000	General Fund	Highway Account	PL 112-141
8/2/2011*	-\$748,800,000	Highway Account	General Fund	PL 112-25
7/6/2012	\$2,200,000,000	General Fund	Mass Transit Account	PL 112-141
8/2/2011*	-\$158,400,000	Mass Transit Account	General Fund	PL 112-25
8/8/2014	\$7,765,000,000	General Fund	Highway Account	PL 113-159
8/8/2014	\$2,000,000,000	General Fund	Mass Transit Account	PL 113-159
8/8/2014	\$1,000,000,000	LUST Trust Fund	Highway Account	PL 113-159
7/31/2015	\$6,068,000,000	General Fund	Highway Account	PL 114-41
7/31/2015	\$2,000,000,000	General Fund	Mass Transit Account	PL 114-41
12/4/2015	\$51,900,000,000	General Fund	Highway Account	FAST Act
12/4/2015	\$18,100,000,000	General Fund	Mass Transit Account	FAST Act
12/4/2015	\$300,000,000	LUST Trust Fund	Highway Account	FAST Act

<b>GF to HTF (Total)</b>	<b>\$141,151,229,445</b>
*Sequestration	-\$1,223,972,276
<b>GF to HTF (Net)</b>	<b>\$139,927,257,169</b>
<b>LUST to HTF</b>	<b>\$3,700,000,000</b>
<b>Net GF + LUST to HTF</b>	<b>\$143,627,257,169</b>



# FREIGHT

- Creates a National Multimodal Freight Network which includes a National Highway Freight Network consisting of all Interstate Highways, an additional 41,000 primary freight network highway miles identified under MAP-21, and other State-identified highway segments.
- Establishes a new formula-based National Highway Freight Program funded at \$6.2 billion; flexibility of these dollars within a State is related to its share of miles on the Primary Highway Freight System.
- Repeals the increased Federal match for freight projects on interstates and highways.
- Requires all States using formula dollars to complete a State Freight Plan, either standalone or part of a State's long-range transportation plan; the plans must be updated every 5 years.



# FREIGHT

- Creates a Port Performance statistics program, requiring ports of certain thresholds to report annual throughput statistics; an advisory group will report to USDOT annually on recommendations to improve port efficiency.
- Creates the Nationally Significant Freight and Highway Projects discretionary grant program designed for major highway and freight projects funded at \$4.5 billion.
- Though funded out of the HTF, certain non-highway projects are eligible to receive portions of the NHFP and NSFHP dollars.



# PROGRAM AND PROJECT DELIVERY

- Allows any USDOT operating administration to use a categorical exclusion of another operating administration.
- Expands Title 23 streamlining measures to rail projects when conducting NEPA analysis and requires USDOT to propose new CEs for railroad projects.
- Requires annual indexing of the financial thresholds for CEs for projects with limited Federal assistance, tied to the CPI.
- Amends the Federal audit process for States that have Federal NEPA assignments to ease the burden on States, and gives States more input in the audit process.
- Establishes a pilot program for States with NEPA assignments to substitute their State environmental review law(s) for NEPA.



# PROGRAM AND PROJECT DELIVERY

- Improves the process for carrying planning level decisions forward into the NEPA process; however, requires concurrence of cooperating agencies if the planning product is “necessary for a cooperating agency to issue a permit, review, or approval for the project.”
- Requires “early concurrence or issue resolution” during the scoping process on purpose and need, and the range of alternatives to analyze in the environmental review process.
- Requires lead agencies to establish project schedules for environmental impact statements and environmental assessments after consultation with and the concurrence of each participating agency for the project.



# DESIGN STANDARDS

- Requires design standards under 23 USC 109 to consider “cost savings by utilizing flexibility that exists in current design guidance and regulations.”
- Adds the *AASHTO Highway Safety Manual* and the *Urban Street Design Guide* by the National Association of City Transportation Officials to the list of resources to be utilized for design criteria development.
- Local entities that are direct recipients of Federal dollars may be allowed to use a design publication that is different than one used by their State DOT.



# PERFORMANCE MANAGEMENT / PLANNING / ASSET MANAGEMENT

- There are no significant changes to the performance-based planning process established in MAP-21.
- Eliminates the need for State DOTs to collect safety data and information on unpaved/gravel roads.
- If a State DOT does not achieve or make significant progress toward achieving targets in any performance measurement area after 1 reporting cycle, a report describing the actions they will undertake to achieve their targets in the future must be submitted; penalty for falling below the minimum condition levels for pavements on the Interstate system is imposed after the first reporting cycle.
- Expands the scope of the planning process to include addressing resiliency and reliability as well as enhancing travel and tourism of the transportation system.



# PERFORMANCE MANAGEMENT / PLANNING / ASSET MANAGEMENT

- Requires State DOTs to incorporate the performance measures of a transit agency not represented by an MPO into its long range transportation plan regardless if it is in an urban or rural area.
- Requires long-range transportation plans to consider public ports and freight shippers.
- Encourages consideration of intermodal facilities that support intercity buses as part of the metropolitan and statewide planning process.
- Explicitly requires inclusion of performance measure descriptions and system performance report in a State's long-range transportation plan.



# HIGHWAY SAFETY

- Removes MAP-21 eligibility which allowed use of HSIP funds for non-infrastructure safety programs, such as education and enforcement activities.
- Requires FMCSA to remove safety scores assigned to truck companies from a public website.
- Prohibits rental car agencies and car dealers with fleets of more than 35 cars from renting vehicles that have been recalled but not repaired.



# HIGHWAY SAFETY

- Triples the maximum fine the NHTSA can levy against an automaker that violates safety defect regulations from \$35 million to \$105 million per violation.
- Doubles the time automakers would have to retain safety records from five years to ten years.
- Requires the government to revise the 5-star rating system for new cars to reflect not only the ability of a vehicle to protect passengers in a crash, but also whether the vehicle comes equipped with crash avoidance systems like automatic braking and lane-change monitoring.
- Requires a study on the impacts of marijuana-impaired driving.



# RESEARCH AND INNOVATION

- Establishes the Advanced Transportation and Congestion Management Technologies Deployment initiative funded at \$60 million per year, providing grants to support improvements in safety, efficiency, system performance, and infrastructure return on investment.
- Authorizes a research program to examine user fee-based alternative revenue mechanisms to ensure long-term HTF solvency, funded at between \$15 and \$20 million per year.
- Provides up to \$5 million for a study by the TRB on actions needed to upgrade and repair the Interstate Highway System to meet growing and shifting demands over the next 50 years.
- While new research activities are mandated, because commensurate increase in funding was not provided, existing research programs will face funding constraints.



# PUBLIC TRANSPORTATION

- Similar to SAFETEA-LU, FAST once again authorizes new competitive grant programs for bus and bus facilities.
- Creates mechanisms to pool resources for transit providers by enabling cooperative procurements and leasing for small urban and rural systems.
- Retains the current Growing States and High Density program.
- New Starts Federal match is reduced from 80 percent to 60 percent for projects with full funding grant agreements; Federal match for small starts and core capacity projects remains at 80 percent.
- Domestic content requirement under Buy America is increased from 60 to 65 percent in 2018, and to 70 percent in 2020.



# RAIL TRANSPORTATION

- Authorizes passenger rail programs for 5 years to be consistent with the highway, highway safety, and transit programs.
- Divides Amtrak's financial, business lines, and asset activities into two accounts: Northeast Corridor and National Network.
- Provides support for the State Supported Route Committee at \$2 million per year.
- Northeast Corridor Commission is funded at \$5 million per year.
- Gulf Coast Working Group is funded at \$0.5 million in 2016 and 2017.
- Provides \$199 million in one-time funding for implementation of positive train control systems by commuter railroads.



Overview of New Federal Transportation Authorization

# FIXING AMERICA'S SURFACE TRANSPORTATION ACT

# QUESTIONS?

**Bud Wright**

*Executive Director*

American Association of State Highway and Transportation Officials



REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

**DIVISION 3**

U-5926	NEW ROUTE. SR 1302 (23RD STREET) TO 26TH	RIGHT-OF-WAY	FY 2017 -	\$225,000	(T)
NEW HANOVER	STREET. CONSTRUCT ROUTE ON NEW LOCATION.		FY 2017 -	\$225,000	(L)
PROJ.CATEGORY	ECONOMIC DEVELOPMENT PROJECT.	CONSTRUCTION	FY 2018 -	\$2,436,000	(T)
DIVISION	<u>ADD RIGHT-OF-WAY IN FY 17 AND CONSTRUCTION IN</u>		FY 2018 -	<u>\$2,436,000</u>	(L)
	<u>FY 18 NOT PREVIOUSLY PROGRAMMED. THIS IS AN</u>				
	<u>ECONOMIC DEVELOPMENT PROJECT.</u>			\$5,322,000	

**DIVISION 6**

* U-5925	SR 1340(NORTH ODUM STREET/PROSPECT STREET),	RIGHT-OF-WAY	FY 2017 -	\$150,000	(T)
ROBESON	SR 1566 (CORINTH STREET) TO NC 711 (THIRD	UTILITIES	FY 2017 -	\$125,000	(T)
PROJ.CATEGORY	STREET). UPGRADE TO SUPERSTREET.	CONSTRUCTION	FY 2018 -	\$1,750,000	(HSIP)
DIVISION	<u>ADD RIGHT-OF-WAY IN FY 17 AND CONSTRUCTION IN</u>		FY 2018 -	<u>\$372,000</u>	(T)
	<u>FY 18 NOT PREVIOUSLY PROGRAMMED. PROJECT</u>				
	<u>PROGRAMMED DUE TO SUPPLEMENTAL SAFETY</u>			\$2,397,000	
	<u>FUND CONTRIBUTION.</u>				

**DIVISION 7**

* EL-5104	DEEP RIVER GREENWAY, DEEP RIVER GREENWAY	CONSTRUCTION	FY 2016 -	\$1,236,000	(CMAQ)
GUILFORD	EXTENSION. GREENWAY TRAIL CONNECTING		FY 2016 -	<u>\$309,000</u>	(L)
PROJ.CATEGORY	UNIVERSITY PARK WITH PIEDMONT ENVIRONMENTAL			\$1,545,000	
EXEMPT	CENTER.				
	<u>PROJECT RE-ADDED FOR CONSTRUCTION IN FY 16 AT</u>				
	<u>REQUEST OF MPO AND TRANSPORTATION PLANNING</u>				
	<u>BRANCH.</u>				

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

**DIVISION 12**

* U-5924	VARIOUS, GREATER HICKORY METROPOLITAN	ENGINEERING	FY 2016 -	\$100,000	(STPDA)
CALDWELL	PLANNING ORGANIZATION (MPO) PLANNING (PL)		FY 2016 -	\$25,000	(L)
ALEXANDER	SUPPLEMENT.		FY 2017 -	\$100,000	(STPDA)
BURKE	<u>ADD ENGINEERING IN FY 16 THROUGH FY 25 NOT</u>		FY 2017 -	\$25,000	(L)
CATAWBA	<u>PREVIOUSLY PROGRAMMED.</u>		FY 2018 -	\$100,000	(STPDA)
PROJ.CATEGORY			FY 2018 -	\$25,000	(L)
DIVISION			FY 2019 -	\$100,000	(STPDA)
			FY 2019 -	\$25,000	(L)
			FY 2020 -	\$100,000	(STPDA)
			FY 2020 -	\$25,000	(L)
			FY 2021 -	\$100,000	(STPDA)
			FY 2021 -	\$25,000	(L)
			FY 2022 -	\$100,000	(STPDA)
			FY 2022 -	\$25,000	(L)
			FY 2023 -	\$100,000	(STPDA)
			FY 2023 -	\$25,000	(L)
			FY 2024 -	\$100,000	(STPDA)
			FY 2024 -	\$25,000	(L)
			FY 2025 -	\$100,000	(STPDA)
			FY 2025 -	\$25,000	(L)
				\$1,250,000	

STIP MODIFICATIONS

**DIVISION 1**

* I-5839	I-95, HALIFAX COUNTY LINE (MILE POST 173.9) TO SR	CONSTRUCTION	FY 2017 -	\$2,100,000	(NHPIM)
NORTHAMPTON	1201 (MACON PRICE RD) (MILE POST 178.5).			\$2,100,000	
PROJ.CATEGORY	PAVEMENT REHABILITATION.				
STATEWIDE	<u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 17.</u>				

**DIVISION 4**

I-5781	I-40, SR 1010 (CLEVELAND ROAD) TO WEST OF SR 1211	CONSTRUCTION	FY 2018 -	\$6,550,000	(NHPIM)
JOHNSTON	(MORGAN ROAD). PAVEMENT REHABILITATION.			\$6,550,000	
PROJ.CATEGORY	<u>SCOPE CHANGED TO INCLUDE ADJACENT STIP</u>				
STATEWIDE	<u>PROJECTS I-5782 AND I-5817 TO BETTER</u>				
	<u>COORDINATE CONSTRUCTION.</u>				

* I-5841	I-95, SR 1745 (BEND OF THE RIVER ROAD) (MILE POST	CONSTRUCTION	FY 2017 -	\$2,500,000	(NHPIM)
NASH	128.5) TO 1 MILE NORTH OF NC 58 (MILE POST 131.1).			\$2,500,000	
PROJ.CATEGORY	PAVEMENT REHABILITATION.				
STATEWIDE	<u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 17.</u>				

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 4**

* I-5842 WILSON PROJ.CATEGORY STATEWIDE	I-95, NORTH OF SR 1309 (BLOOMERY ROAD) (MILE POST 123.7) TO NASH COUNTY LINE (MILE POST 124.6). PAVEMENT REHABILITATION. <u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 16 TO COORDINATE WITH ADJACENT PROJECT I-5727.</u>	CONSTRUCTION	FY 2016 -	\$750,000	(NHPIM)
				\$750,000	

U-3330 NASH PROJ.CATEGORY REGIONAL	US 301 BYPASS, NC 43/NC 48 (BENVENUE ROAD) TO SR 1836 (MAY DRIVE) IN ROCKY MOUNT. ADD AN ADDITIONAL LANE IN EACH DIRECTION. <u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17. PROJECT WILL BE READY AHEAD OF SCHEDULE FOR CONSTRUCTION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2017 - FY 2018 - FY 2019 -	\$3,562,000 \$8,500,000 \$8,500,000 \$8,500,000	(NHP) (NHP) (NHP) (NHP)
				\$29,062,000	

**DIVISION 5**

B-4943 DURHAM PROJ.CATEGORY DIVISION	SR 1616 (BAHAMA ROAD), REPLACE BRIDGE 310020 OVER DIAL CREEK (LAKE MICHIE). <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME TO COMPLETE FLOOD STUDY AND SELECT ENGINEERING FIRM.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2018 -	\$40,000 \$66,000 \$700,000	(STPOFF) (STPOFF) (STPOFF)
				\$806,000	

* R-5705C WAKE PROJ.CATEGORY REGIONAL	NC 55, SOUTH OF SR 2791 (KENNEBEC CHURCH ROAD) TO SR 4809 (JICARILLA LANE) <u>ADDITIONAL PROJECT SEGMENT PROGRAMMED DUE TO ADDITIONAL REVENUE (HB 97) [NOTE: PROJECT INADVERTENTLY OMITTED FROM DECEMBER HANDOUT.]</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2022 - FY 2023 -	\$3,957,000 \$475,000 \$11,541,000 \$11,540,000	(T) (T) (T) (T)
				\$27,513,000	

**DIVISION 7**

* C-5184 ORANGE PROJ.CATEGORY EXEMPT	RIVERWALK TRAIL, RIVERWALK TRAIL, PHASE III IN HILLSBOROUGH. CONSTRUCT A PAVED OFF-ROAD TAIL ALONG ENO RIVER CONNECTING RIVER PARK, GOLD PARK AND THE OCCONEECHEE MOUNTAIN STATE NATURAL AREA, AND CONSTRUCT SIDEWALK TO PROVIDE PEDESTRIAN AND BICYCLE CONNECTIONS TO THE GREENWAY. <u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 TO ALLOW MORE TIME FOR TOWN TO COMPLETE FINAL R/W PLANS</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 - FY 2016 - FY 2016 -	\$80,000 \$20,000 \$360,000 \$90,000	(CMAQ) (L) (CMAQ) (L)
				\$550,000	

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 7**

I-5711	I-40 / I-85, SR 1007 (MEBANE-OAKS ROAD) IN MEBANE.	RIGHT-OF-WAY	FY 2019 -	\$9,100,000	(NHP)
ALAMANCE	INTERCHANGE IMPROVEMENTS.	UTILITIES	FY 2019 -	\$146,000	(NHP)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 20 TO FY 21 FOR</u>	CONSTRUCTION	FY 2021 -	\$8,200,000	(NHP)
STATEWIDE	<u>FUNDING BALANCE DUE TO INCREASED COST.</u>			\$17,446,000	

I-5712	I-40 / US 421, SR 1850 (SANDY RIDGE ROAD) IN	RIGHT-OF-WAY	FY 2019 -	\$7,700,000	(NHP)
GUILFORD	GREENSBORO. INTERCHANGE IMPROVEMENTS.	UTILITIES	FY 2019 -	\$200,000	(NHP)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 20 TO FY 21 FOR</u>	CONSTRUCTION	FY 2021 -	\$7,800,000	(NHP)
STATEWIDE	<u>FUNDING BALANCE DUE TO INCREASED COST.</u>			\$15,700,000	

**DIVISION 9**

* B-5004	REYNOLDS PARK ROAD, REPLACE BRIDGE 330086	CONSTRUCTION	FY 2016 -	\$3,436,000	(STPOFF)
FORSYTH	OVER SALEM CREEK AND BRIDGE 330087 OVER		FY 2016 -	\$859,000	(L)
PROJ.CATEGORY	BRUSHY FORK CREEK IN WINSTON-SALEM.			\$4,295,000	
TRANSITION	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO</u>				
	<u>ALLOW MORE TIME FOR TOWN TO COMPLETE UTILITY</u>				
	<u>WORK AND ACQUIRE R/W.</u>				

* U-2827B	US 158 / US 421 / NC 150 / BUSINESS 40, WEST OF	RIGHT-OF-WAY	FY 2016 -	\$2,003,000	(HP)
FORSYTH	FOURTH STREET TO EAST OF CHURCH STREET		FY 2016 -	\$10,225,000	(NHP)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	UTILITIES	FY 2016 -	\$3,424,000	(NHP)
REGIONAL	<u>THRESHOLDS</u>	CONSTRUCTION	FY 2016 -	\$34,234,000	(NHP)
			FY 2017 -	\$34,233,000	(NHP)
			FY 2018 -	\$34,233,000	(NHP)
				\$118,352,000	

**DIVISION 10**

C-4916C	OAKWOOD AVENUE, WINDSOR DRIVE TO ROGERS	RIGHT-OF-WAY	FY 2016 -	\$98,000	(CMAQ)
CABARRUS	LAKE ROAD. CONSTRUCT SIDEWALKS.		FY 2016 -	\$25,000	(L)
PROJ.CATEGORY	<u>INCREASE CONSTRUCTION FUNDING AT THE</u>	CONSTRUCTION	FY 2016 -	\$699,000	(CMAQ)
EXEMPT	<u>REQUEST OF THE CABARRUS-ROWAN MPO</u>		FY 2016 -	\$175,000	(L)
				\$997,000	

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 10**

C-4918A CABARRUS PROJ.CATEGORY EXEMPT	US 29, SR 1394 (POPLAR TENT ROAD). INTERSECTION IMPROVEMENTS <u>INCREASE CONSTRUCTION FUNDING AT THE REQUEST OF THE CABARRUS-ROWAN MPO.</u>	CONSTRUCTION	FY 2016 - \$1,354,000 (CMAQ) FY 2016 - <u>\$338,000</u> (L) \$1,692,000
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C-5161 CABARRUS PROJ.CATEGORY EXEMPT	KANNAPOLIS, IRISH BUFFALO CREEK GREENWAY IN KANNAPOLIS. CONSTRUCT GREENWAY. <u>INCREASE CONSTRUCTION FUNDING AT THE REQUEST OF THE CABARRUS-ROWAN MPO.</u>	ENGINEERING CONSTRUCTION	FY 2016 - \$117,000 (CMAQ) FY 2016 - \$29,000 (L) FY 2016 - \$2,019,000 (CMAQ) FY 2016 - \$505,000 (L) \$2,670,000
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R-5708 ANSON PROJ.CATEGORY REGIONAL	US 74, INTERSECTION OF US 74 AND SR 1714 (STANBACK FERRY ROAD). CONSTRUCT INTERSECTION IMPROVEMENTS. <u>RIGHT-OF-WAY ACCELERATED FROM FY 17 TO FY 16 AND CONSTRUCTION FROM FY 18 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$300,000 (T) FY 2017 - <u>\$1,250,000</u> (T) \$1,550,000
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U-4714C UNION PROJ.CATEGORY DIVISION	SR 1009 (JOHN STREET-OLD MONROE ROAD), SR 1008 (INDIAN TRAIL ROAD) TO SR 1377 (WESLEY CHAPEL-STOUTS ROAD) <u>ACCELERATE CONSTRUCTION FROM UNFUNDED TO FY 22. CHARLOTTE AREA REGIONAL TRANSPORTATION PLANNING ORGANIZATION HAS ALLOCATED STP-DA FUNDS TO THE PROJECT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$3,500,000 (STPDA) FY 2020 - \$10,000,000 (L) FY 2021 - \$3,500,000 (STPDA) FY 2022 - \$5,550,000 (STPDA) FY 2022 - \$1,400,000 (S(M)) FY 2023 - \$5,550,000 (STPDA) FY 2023 - <u>\$1,400,000</u> (S(M)) \$30,900,000
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U-5762 MECKLENBURG PROJ.CATEGORY REGIONAL	NC 160 (STEELE CREEK ROAD), INTERSECTION OF NC 160 (STEELE CREEK ROAD) AND SR 1106 (HAMILTON ROAD). INTERSECTION IMPROVEMENTS. <u>RIGHT-OF-WAY ACCELERATED FROM FY 18 TO FY 17 AND CONSTRUCTION FROM FY 19 TO FY 18. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$315,000 (T) FY 2018 - <u>\$1,300,000</u> (T) \$1,615,000
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\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 10**

* U-5764	US 74, HANOVER DRIVE TO SR 1007 (ROCKY RIVER ROAD). WIDEN EXISTING ROADWAY.	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$100,000 (T) FY 2020 - \$21,500,000 (T)
UNION			\$21,600,000
PROJ.CATEGORY REGIONAL	<u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 18 AND CONSTRUCTION FROM FY 23 TO FY 20. PROJECT ACCELERATED DUE TO ADDITIONAL REVENUE (HB 97).</u>		

U-5804B	SR 3448 (SOUTH TRADE STREET), FOUR MILE CREEK TO WEDDINGTON ROAD.	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$100,000 (T) FY 2017 - \$1,200,000 (T)
MECKLENBURG			\$1,300,000
PROJ.CATEGORY DIVISION	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>		

**DIVISION 12**

* B-5844	SR 2245 (BETHLEHEM ROAD), REPLACE BRIDGE 220067 OVER BEASON CREEK.	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$50,000 (STPOFF) FY 2019 - \$900,000 (STPOFF)
CLEVELAND			\$950,000
PROJ.CATEGORY DIVISION	<u>RIGHT OF WAY ACCELERATED FROM FY 20 TO FY 18 AND CONSTRUCTION FROM FY 21 TO FY 19. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>		

* B-5849	SR 1002 (NUMBER ONE SCHOOL ROAD), REPLACE BRIDGE 220104 OVER ASHWORTH CREEK.	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$50,000 (STPOFF) FY 2020 - \$960,000 (STPOFF)
CLEVELAND			\$1,010,000
PROJ.CATEGORY DIVISION	<u>RIGHT OF WAY ACCELERATED FROM FY 22 TO FY 19 AND CONSTRUCTION FROM FY 23 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>		

B-5853	SR 1168 (JOHNSTOWN ROAD), REPLACE BRIDGE 540071 OVER INDIAN CREEK.	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$220,000 (HFB) FY 2020 - \$2,200,000 (HFB)
LINCOLN			\$2,420,000
PROJ.CATEGORY HWY FUNDS	<u>RIGHT OF WAY ACCELERATED FROM FY 21 TO FY 19 AND CONSTRUCTION FROM FY 22 TO FY 20. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>		

B-5858	SR 1607 (EASTRIDGE DRIVE), REPLACE BRIDGE 220392 OVER BUFFALO CREEK.	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$110,000 (HFB) FY 2021 - \$1,100,000 (HFB)
CLEVELAND			\$1,210,000
PROJ.CATEGORY HWY FUNDS	<u>RIGHT OF WAY ACCELERATED FROM FY 22 TO FY 20 AND CONSTRUCTION FROM FY 23 TO FY 21. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>		

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 12**

R-3603A	NC 127, SR 1400 (CLONINGER MILL ROAD) TO SR 1156	RIGHT-OF-WAY	FY 2021 -	\$1,000,000	(T)
ALEXANDER	(RICHEY ROAD).	CONSTRUCTION	FY 2023 -	\$13,650,000	(T)
CATAWBA	<u>PROJECT WAS PREVIOUSLY FUNDED IN THE DIVISION</u>		FY 2024 -	\$13,650,000	(T)
PROJ.CATEGORY	<u>CATEGORY. PROJECT HAS MOVED TO THE</u>			\$28,300,000	
REGIONAL	<u>REGIONAL CATEGORY DUE TO ADDITIONAL REVENUE</u>				
	<u>(HB 97).</u>				

**DIVISION 13**

U-5836	NC 181, SR 1414 (ST MARY'S CHURCH ROAD) TO	RIGHT-OF-WAY	FY 2020 -	\$900,000	(T)
BURKE	MORGANTON ETJ. WIDEN EXISTING ROADWAY.	UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	<u>PROJECT WAS PREVIOUSLY FUNDED IN THE DIVISION</u>	CONSTRUCTION	FY 2022 -	\$9,700,000	(T)
REGIONAL	<u>CATEGORY. PROJECT HAS MOVED TO THE</u>			\$10,700,000	
	<u>REGIONAL CATEGORY DUE TO ADDITIONAL REVENUE</u>				
	<u>(HB 97).</u>				

**DIVISION 14**

I-4729	I-26, US 74/NC 108 INTERCHANGE (EXIT 67). REVISE	RIGHT-OF-WAY	FY 2018 -	\$1,400,000	(T)
POLK	INTERCHANGE AND CONSTRUCT IMPROVEMENTS TO	CONSTRUCTION	FY 2020 -	\$22,800,000	(T)
PROJ.CATEGORY	NC 108.			\$24,200,000	
REGIONAL	<u>PROJECT WAS PREVIOUSLY FUNDED IN THE DIVISION</u>				
	<u>CATEGORY. PROJECT HAS MOVED TO THE</u>				
	<u>REGIONAL CATEGORY DUE TO ADDITIONAL REVENUE</u>				
	<u>(HB 97).</u>				

STIP DELETIONS

**DIVISION 4**

I-5782	I-40, 0.6 MILE EAST OF NC 242 (MILE POST 326) TO 0.3	CONSTRUCTION	FY 2018 -	\$850,000	(NHPIM)
JOHNSTON	MILE WEST OF SR 1211 (MORGAN ROAD). PAVEMENT			\$850,000	
PROJ.CATEGORY	REHABILITATION.				
STATEWIDE	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>				
	<u>PROJECT I-5781.</u>				
I-5817	I-40, NC 42 (MILE POST 312) TO 0.4 MILE EAST OF NC	CONSTRUCTION	FY 2019 -	\$760,000	(NHPIM)
JOHNSTON	210 (MILE POST 319). PAVEMENT REHABILITATION.			\$760,000	
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>				
STATEWIDE	<u>PROJECT I-5781.</u>				

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP DELETIONS

**DIVISION 8**

* B-5761	SR 2448 (ROUTH ROAD), REPLACE BRIDGE 750152	RIGHT-OF-WAY	FY 2023 -	\$35,000	(HFB)
RANDOLPH	OVER SANDY CREEK.	CONSTRUCTION	FY 2024 -	<u>\$350,000</u>	(HFB)
PROJ.CATEGORY	<u>DELETE, WORK WAS COMPLETED WITH FORCE</u>			\$385,000	
HWY FUNDS	<u>ACCOUNT FUNDS.</u>				

**DIVISION 14**

* B-5904	SR 1619 (WILSON COVE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2020 -	\$10,000	(STPOFF)
HAYWOOD	430241 OVER BEAVERDAM CREEK.	CONSTRUCTION	FY 2021 -	<u>\$250,000</u>	(STPOFF)
PROJ.CATEGORY	<u>DELETE, WORK WAS COMPLETED WITH OTHER</u>			\$260,000	
DIVISION	<u>FUNDS.</u>				

\* INDICATES FEDERAL AMENDMENT

*These items are for informational purposes only and subject to future NC Board of Transportation approval. It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.*

**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)
TO-5209	Piedmont Authority for Regional Transportation	Operating – Fixed Route in Greensboro Urbanized Area	FUZ	5307		250	250	250	250	250	250
			Local	L		250	250	250	250	250	250
		CONTINUED			<b>FY23</b>	<b>FY24</b>	<b>FY25</b>				
			FUZ	5307	250	250	250				
			Local	L	250	250	250				
TQ-6955	Western Piedmont Regional Transportation Authority	Capital – Purchase of Service	FEPD	5310		203					
			Local	L		51					
TQ-7008	Western Piedmont Regional Transportation Authority	5310 Program Administration	FEPD	5310		23					
TG-5264	Western Piedmont Regional Transportation Authority	Routine Capital	FUZ	5307	60	60	60				
			Local	L	15	15	15				
TA-5187	Western Piedmont Regional Transportation Authority	Replacement Vans	FUZ	5307		48	336				
			Local	L		12	84				
TA-5188	Western Piedmont Regional Transportation Authority	Replacement Bus	FUZ	5307			360				
			Local	L			90				
TC-5101	Western Piedmont Regional Transportation Authority	Mobility Manager	FUZ	5307	126	126	126				
			Local	L	31	31	31				

*These items are for informational purposes only and subject to future NC Board of Transportation approval. It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.*

TA-5189	Western Piedmont Regional Transportation Authority	Replacement Bus	FBUS	5339	360	360					
			Local	L	90	90					
TA-5190	Greenville Transit System	Purchase of Two 35' Replacement Hybrid Buses	FBUS	5339	1040						
			Local	L	260						
TA-5191	Craven Area Rural Transit System	Purchase Three Replacement Vehicles	FBUS	5339	148						
			Local	L	26						
TA-5192	Tar River Transit	Purchase Two Replacement Vehicles	FBUS	5339	935						
			Local	L	165						
TA-5193	GoTriangle	Purchase One Replacement Vehicle	FBUS	5339	380						
			Local	L	95						
TA-5194	Piedmont Authority for Regional Transportation	Purchase One Replacement Vehicle	FBUS	5339	400						
			Local	L	100						
TA-5195	GoTriangle	Purchase One Replacement Vehicle	JARC	5316	380						
			Local	L	95						
TA-5196	Piedmont Authority for Regional Transportation	Purchase One Replacement Vehicle	JARC	5316	400						
			Local	L	100						

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

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TO-4971	Greensboro Transit Authority	Operating – Fixed Route	FUZ	5307	1493	1243	1243	1243	1243	12433	1243
			Local	L	1493	1243	1243	1243	1243	1243	1243
			SMAP	S	1628	1628	1628	1628	1628	1628	1628
			Local	L	1628	1628	1628	1628	1628	1628	1628
		CONTINUED			<b>FY23</b>	<b>FY24</b>	<b>FY 25</b>				
			FUZ	5307	1243	1243	1243				
			Local	L	1243	1243	1243				
			SMAP	S	1628	1628	1628				
			Local	L	1628	1628	1628				



*These items are for informational purposes only and subject to future NC Board of Transportation approval. It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.*

**DELETIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-4743A	Fayetteville Area System of Transit	Replacement Light Transit Vehicles (<30 ft)	FBUS	5339				187			
			FUZ	5307		187				187	
			State	S		18		18		18	
			Local	L		20		21		20	

Item I-1B, 23 Projects, Total Federal/State funds \$59,748,000



Board of Transportation, January 7, 2016

*Product Evaluation Program Awareness*

Jimmy Travis, PE Jessica Kuse, PE



# *Innovative Technologies and Products Awareness Plan Overview*

## **Plan Vision and Goal**

- ✓ *Increase the Use of Innovation Technologies and Products by Bringing Greater Visibility and Public Awareness to NCDOT's Product Evaluation Program*
- ✓ *Global Leader in Providing Innovative Transportation Solutions*
- ✓ *Shift From a Passive Business Model to an Active Pursuit of New Technologies and Products*
- ✓ *Comprehensive Product Evaluation Program Will Now Be Enhanced*



# *Innovative Technologies and Products Awareness Plan Overview*

## **Strategy**

### *✓ Marketing and Communications*

- Expand the mass appeal of new innovation technologies and products while marketing for innovative solutions NCDOT needs
- Continuous RFI

### *✓ Information Technology (IT)*

- Improve our internal efficiencies and the evaluation process

### *✓ Product and Technology Implementation*

- Improve our success rate of implementation
- Research Projects
- Outreach to other state DOTs regarding their Product Evaluation Process



## *Proposed Timeline*

- ☑ December 2015 Board of Transportation's Innovative Technologies and Products Awareness Plan Submitted to the JLTOC
- January 2016 First Meeting of Technology and Products Oversight Committee
- February 2016 Committee Sets Milestones & Metrics for the Product Evaluation Program
- March 2016 Product Evaluation Program Launches Revised Products Web Portal
- April 2016 Quarterly Implementation Update to the Board of Transportation



## *Product Highlight (Approved) Calcined Bauxite*

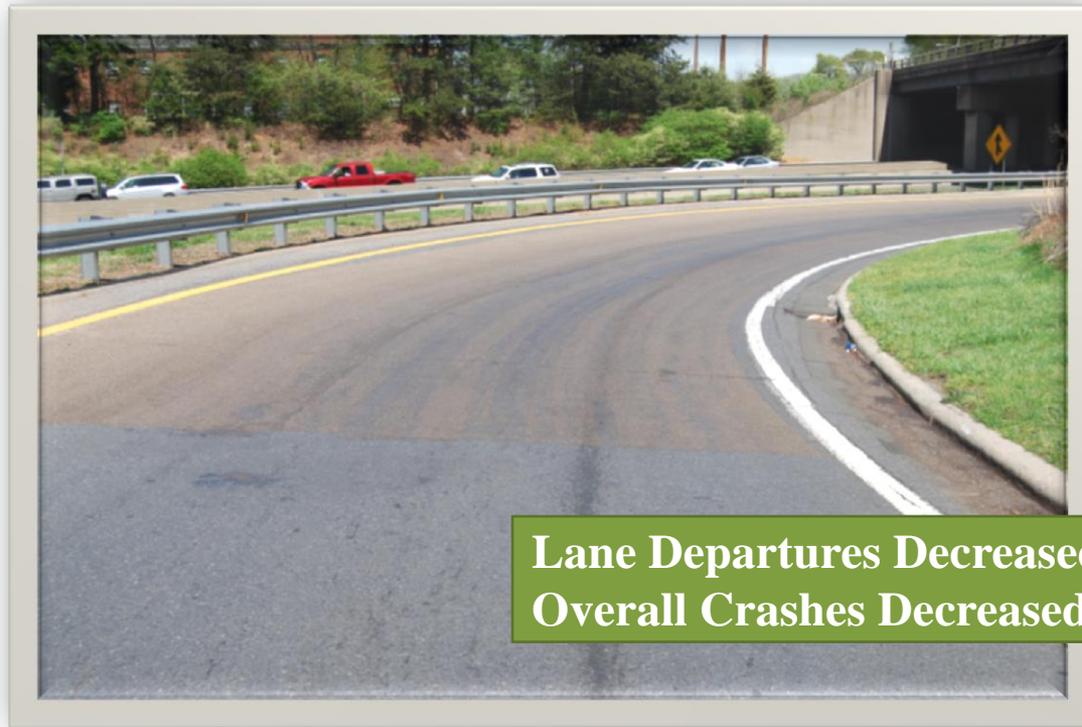
This Calcined Bauxite Product Has Been Approved and Will be an Aggregate Used for High Friction Surface Treatments



# *Product Highlight*

## *High Friction Surface Treatment*

- Installation of High Friction Surface Treatment on Northbound On-ramp Exit 19 of I-85 from NC-7 (Ozark Avenue) in Gaston County, January 2009
- Additional binder development was needed for a more effective product



**Lane Departures Decreased 81%\***  
**Overall Crashes Decreased 78%\***

\* Jason Schronce, PE, "NCDOT Spot Safety Project Evaluation: Order ID 41000032400" (2015)



# *Product Highlight*

## *High Friction Surface Treatment*

- NCDOT looks at High Friction Surface Treatment again
- Greenway Installation With High Friction Surface Treatment at North Carolina State University, September 2015



## *Product Highlight (Under Evaluation)*

### *Turtle Friendly Red Flood Light*

- Turtle Friendly Red Flood Light is in the 630 nm Light Spectrum
- The Longer Wavelengths of Light are Less Disruptive to Sea Turtles
- Coastal North Carolina Provides Nesting Sites for Loggerhead Sea Turtles, Green Sea Turtles and Occasionally Leatherback, Kemp's Ridley, and Hawksbill Sea Turtles
- Lighting Can Impact Nesting Turtles From May to August and Hatchlings From July to October
- Potential Uses May Include Parking Lot Lighting For Rest Areas or Beach Access Areas and Construction Lighting



Image courtesy of <http://www.seaturtle.org/>



# ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS COMMITTEE MEETING MINUTES

**DATE:** 12/02/2015    **TIME:** 1:30PM    **LOCATION:** Room 150

<b>MEETING CALLED BY</b>	Mr. Overholt (Vice Chair)
<b>BOARD ATTENDEES</b>	Terry Hutchins, Andrew Perkins, Lou Wetmore, Jim Crawford, Malcom K. Fearing, Gus Tulloss, Jeff Sheehan, Tracy F. Dodson, James R. Palermo, Jack Debnam

## AGENDA TOPICS

<b>1. APPROVAL OF NOVEMBER MEETING MINUTES - VICE CHAIR OVERHOLT</b>	
<b>DISCUSSION SUMMARY</b>	Mr. Overholt moved to approve the November 2015 ED&IR Committee Meeting minutes, Mr. Perkins seconded the motion and the minutes were approved unanimously.
<b>ACTIONS TAKEN</b>	Approval of November Meeting Minutes

<b>2. THE GREENSBORO-RANDOLPH MEGASITE</b>	
<b>DISCUSSION SUMMARY</b>	Vice Chair Overholt introduced the delegation from the Piedmont Triad Partnership (PTP) and asked them to present to the committee an overview of the partnership's megasite. Jed McMillian began the presentation by explaining that a megasite is by-design intended to attract large manufacturing facilities such as an automobile plant. He added that in order to attract a large manufacturer, a significant amount of private investment is needed beforehand. Bonnie Renfro, also from PTP, spoke about the role transportation plays in marketing a megasite. For Bonnie, the fact that NC continues to invest in a robust transportation network is a natural selling point for the site. Finally, the committee asked the PTP delegation about what was next for the site to which the delegation discussed the need to create a competitive incentive package, which would involve the state, to close the deal with a potential manufacturer.
<b>ACTIONS TAKEN</b>	The summary was received.

<b>3. FOREIGN TRADE ZONE # 214</b>	
<b>DISCUSSION SUMMARY</b>	Sebastian Montagne, administrator for the Foreign Trade Zone (FTZ) # 214 explained to the committee the benefits of an FTZ and the service areas of the four FTZs in the state. Finally, Sebastian asked the committee's help in marketing the FTZs as way bring jobs to the state.
<b>ACTIONS TAKEN</b>	The summary was received.

<b>4. MEETING ADJOURNED – VICE CHAIR OVERHOLT</b>	
<b>DISCUSSION SUMMARY</b>	Meeting adjourned at 2:18 p.m.
<b>ACTIONS TAKEN</b>	



# JOINT COMMITTEE MEETING (FAST/EDIR) AGENDA

## BOARD OF TRANSPORTATION JANUARY 6, 2016

TIME: 2:00 – 3:30 p.m.

LOCATION: Room 150

TOPIC	PRESENTER	TIME
Call to Order - Approval of December minutes	C. McQueary, FAST T. Hutchens, EDIR	
Equal Opportunity Status Update	Marci Wright	60 minutes
Strategic Transportation Corridors	Kerry Morrow and Terry Arellano	15 minutes
Greensboro/Randolph Megasite	Jed McMillian	15 minutes



FAST/EDIR Joint Committee  
January 6, 2016

*Equal Opportunity Update*

Marci Wright, Director



## *Office of Equal Opportunity and Workforce Services Programs*

- DBE Certification and Utilization
- MBE/WBE/SBE/SPSF Certification and Utilization
- Business Opportunity and Workforce Development
- Contractor Compliance
- On-the-Job Training
- Title VI
- Internal EEO
- Education Initiatives

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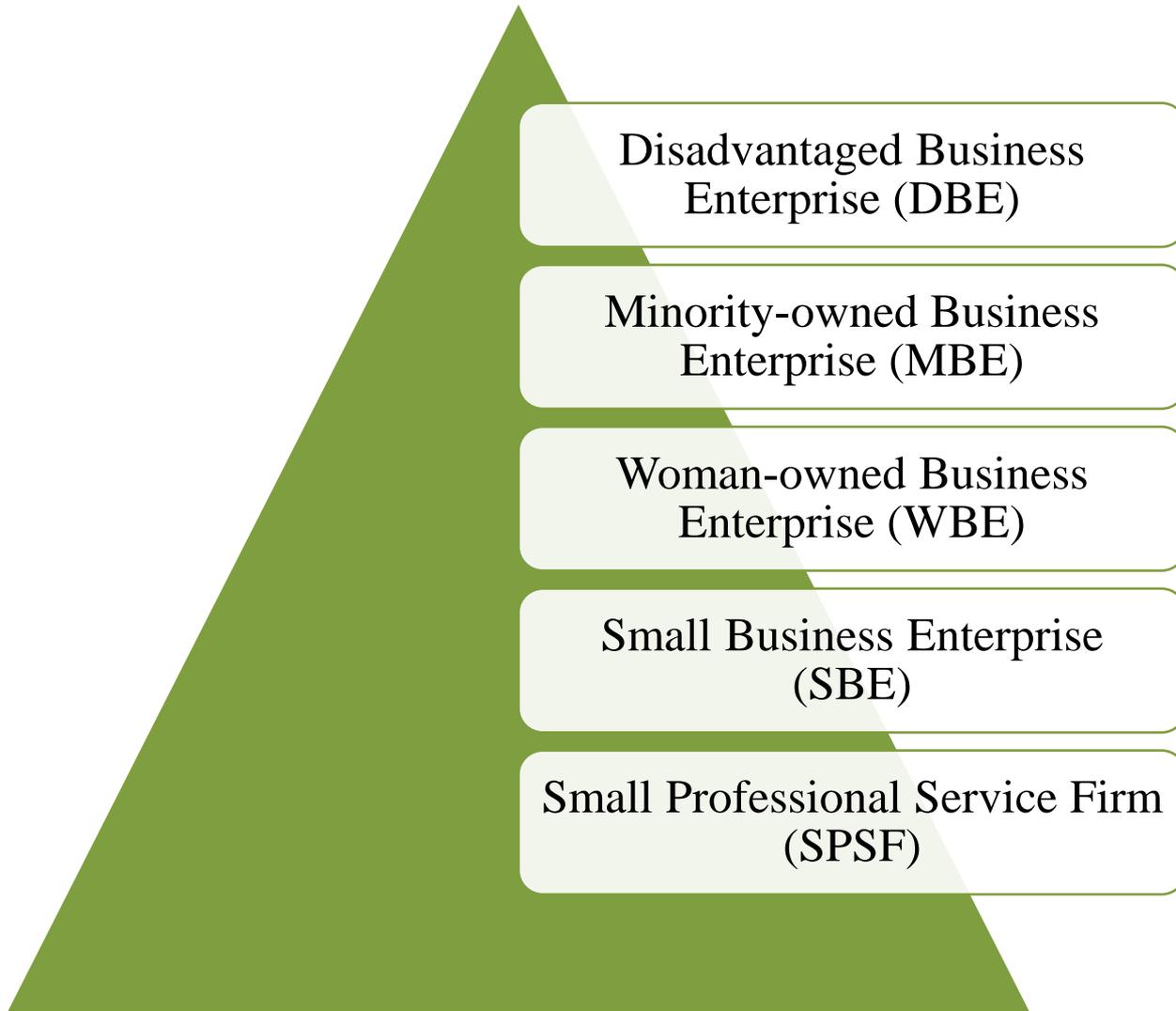


# *Equal Opportunity*

- Definitions
- Highways
- Status update
- Current challenges
- Triumphs and tragedies
- The way forward



# *Equal Contracting Opportunities*



## *What is the Disadvantaged Business Enterprise Program?*

The U.S. DOT's DBE program is a vehicle to **address discrimination** and its continuing effects by **providing opportunities** for disadvantaged businesses to **fairly compete** for Federally-assisted State and local contracts for transportation projects.

Created in 1980 under the authority of the Civil Rights Act of 1964.



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- Providing a **level playing field** so DBEs can fairly compete for DOT-assisted projects;
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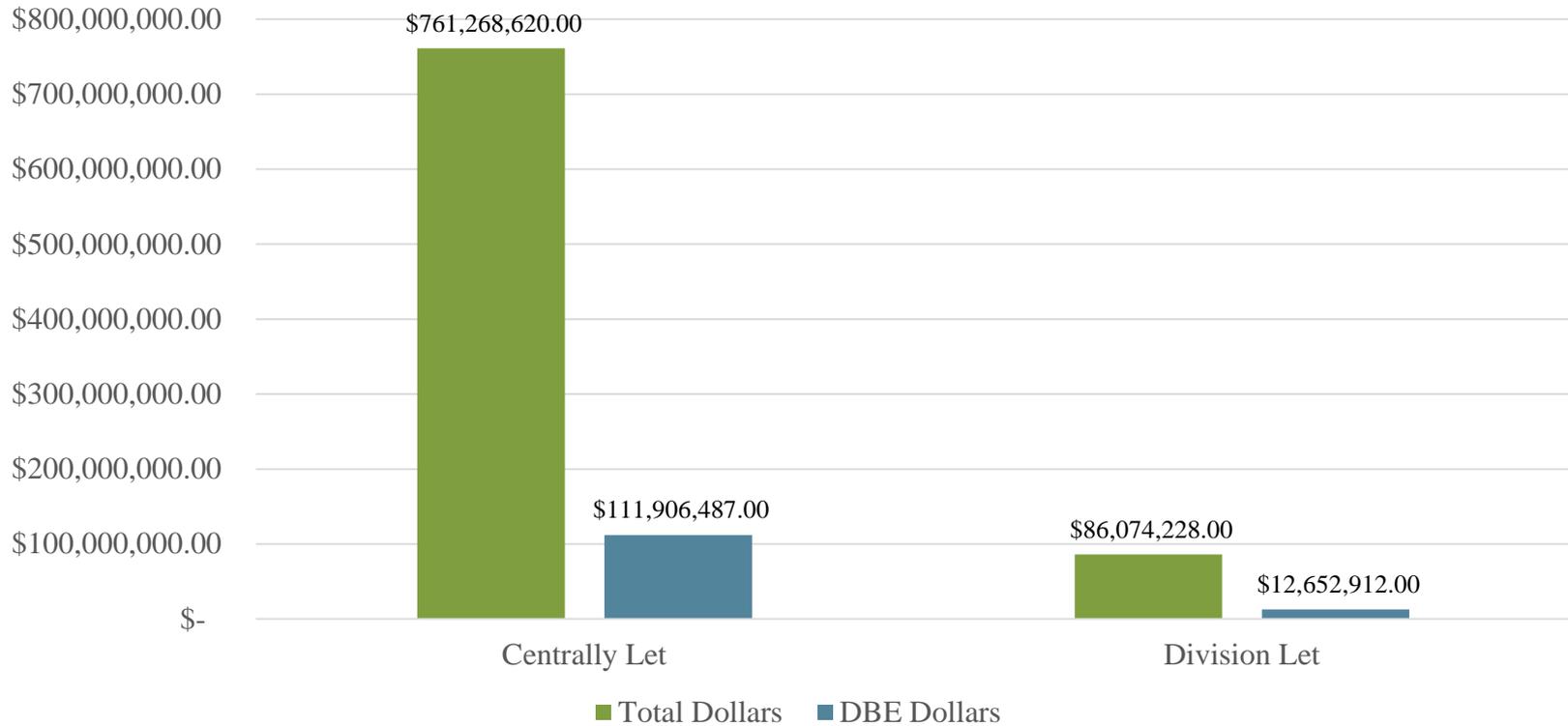


# *Status Update*



# Status Update Federally Funded Construction Awards

## Statewide DBE Goal Attainment



as of 9/29/2015



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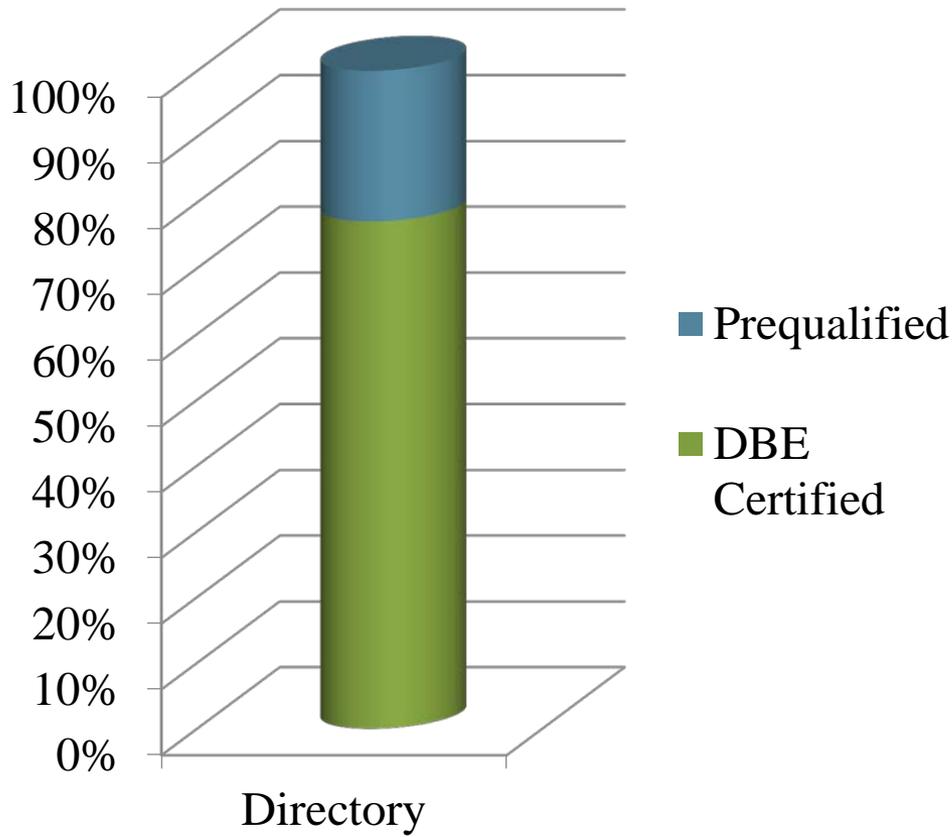
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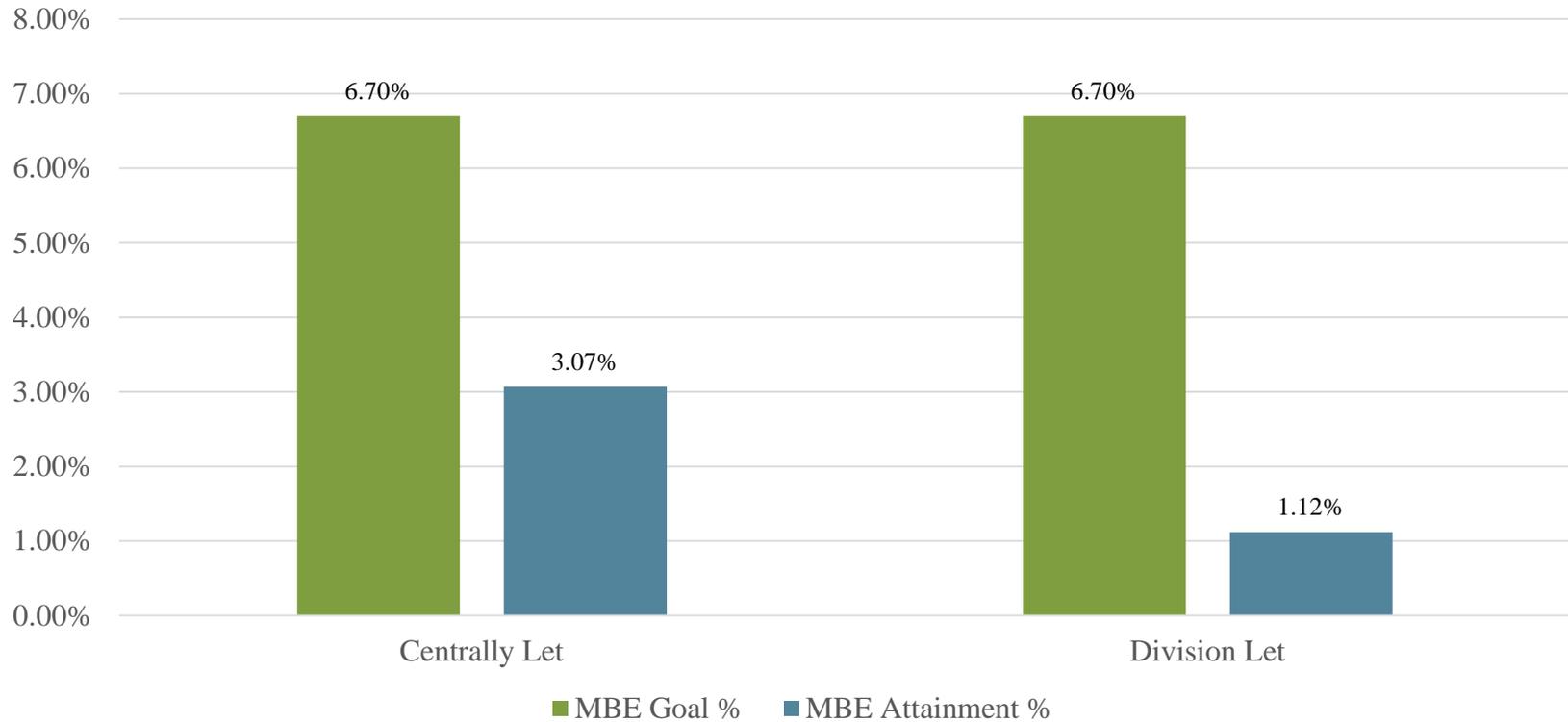
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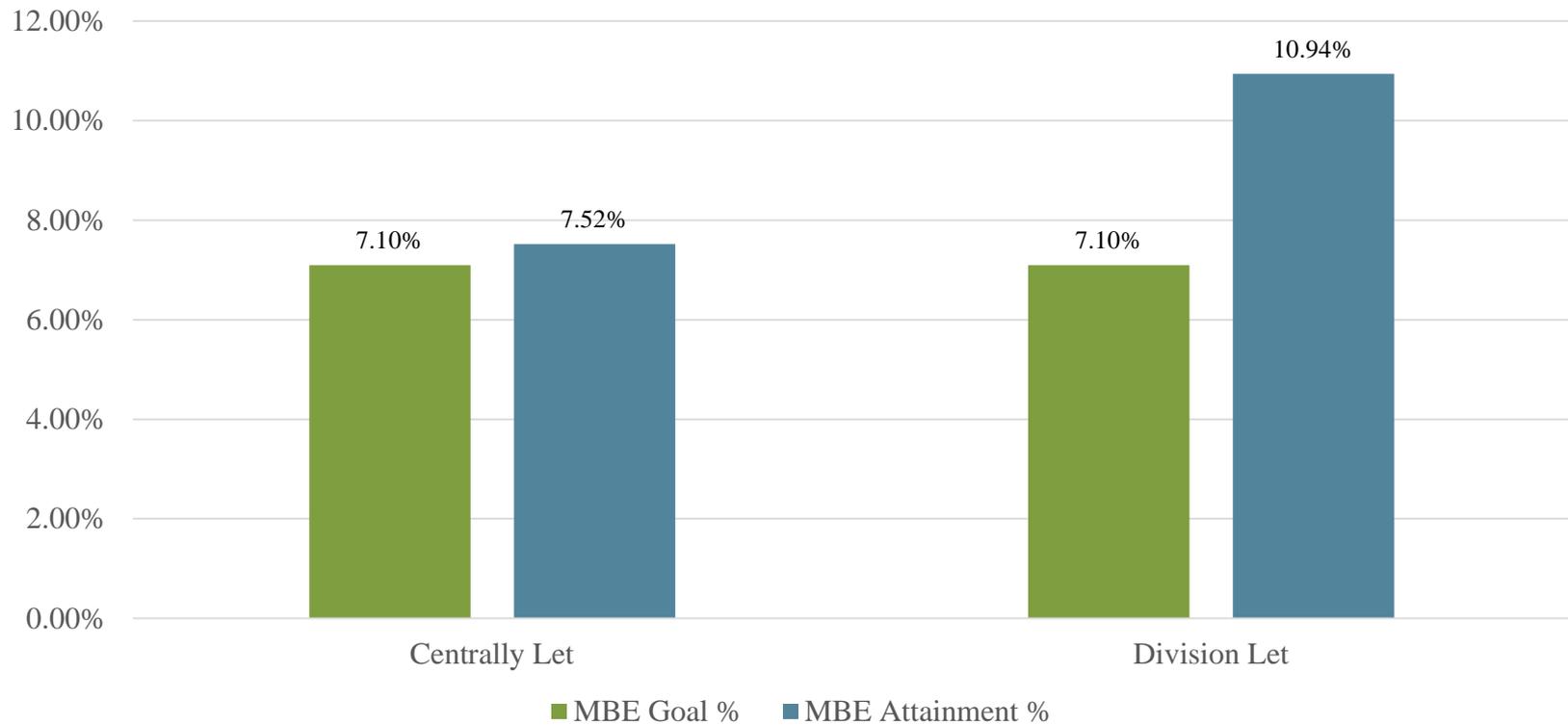


as of 9/29/2015



# Status Update State Funded Contract Awards

## Statewide WBE Goal Attainment



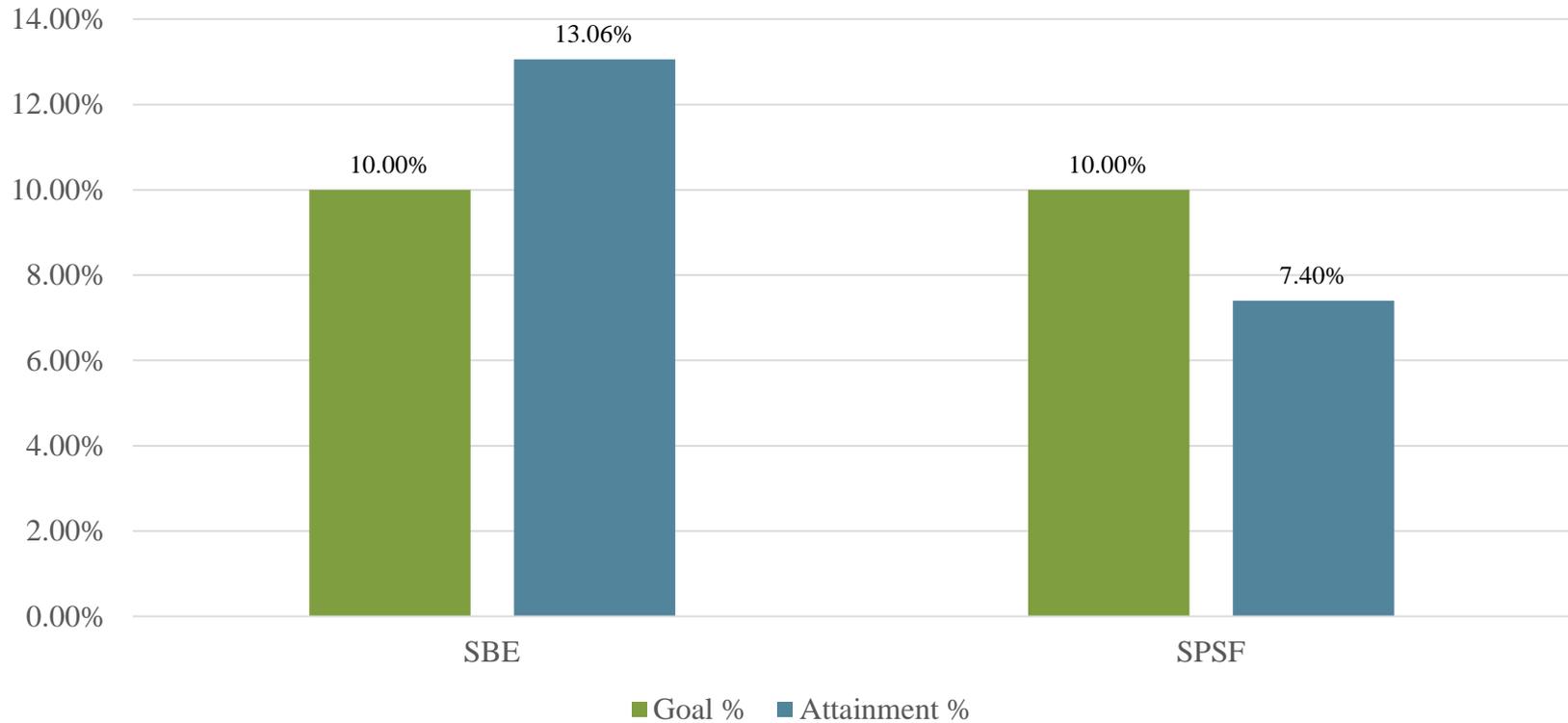
as of 9/29/2015



# Status Update

## Small Business Success

### SBE Goal Attainment



as of 9/29/2015



# *The Way Forward*



# *New Rule for Federally Funded Design Services*



## *New Rule Highlights*

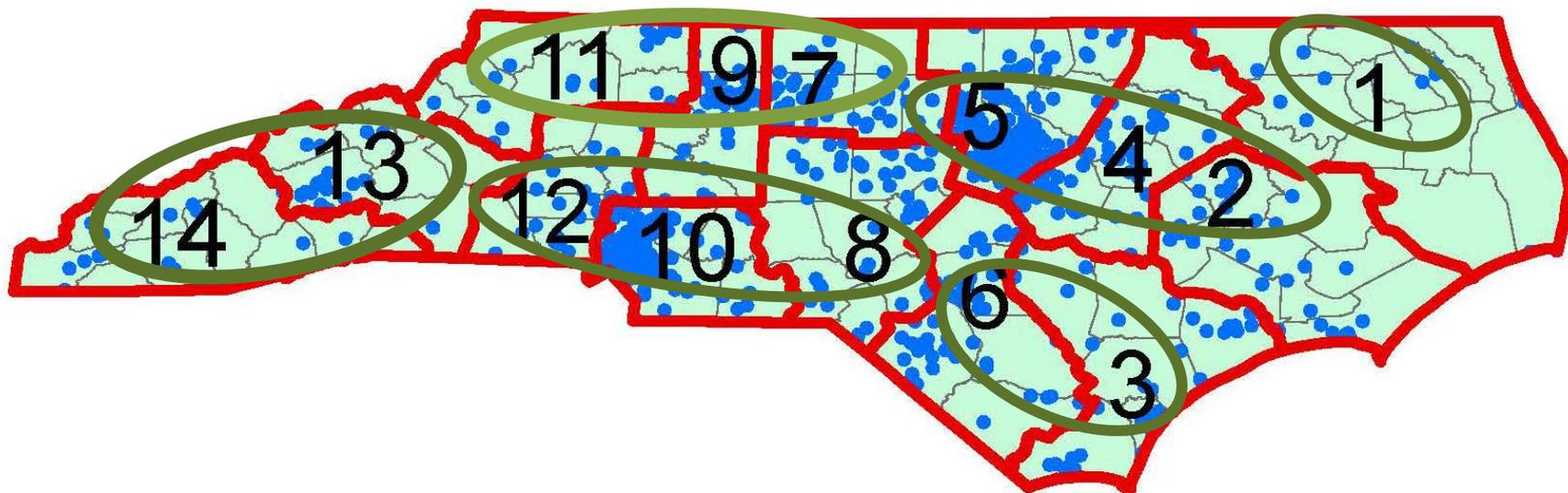
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- Allows states the flexibility to determine their own consultant evaluation process
- Allows states 12 months to update their written policies and procedures



# The Tour

March visit to  
Divisions 7, 9 and 11



DBE Firms by Division



## *Office of Equal Opportunity Offers Support*

- Program Support
  - Monitoring, tracking, reporting
  - Goal setting education and training
  - Good faith efforts education and training
    - NCDOT
    - Stakeholders



## *Office of Equal Opportunity Provides Training*

- Goal Setting Training
- Good Faith Effort Training
- Fraud Prevention
- Compliance Reviews for Divisions and Business Units
  - DBE Utilization
  - Title VI
  - EEO and ADA



*Thank You*



**Marci Wright**

Director, Office of Equal Opportunity & Workforce  
Services at North Carolina Department of Transportation

919.508.1886 Office

[mlwright4@ncdot.gov](mailto:mlwright4@ncdot.gov)





Economic Development & Intergovernmental  
Relations Committee Briefing

January 6, 2016

*Strategic Transportation Corridors  
Implementation*

Kerry Morrow and Terry Arellano



# *Briefing Objectives*



- To give overview of Strategic Transportation Corridor (STC) policy and network.
- To present vision for next steps of STC through corridor planning.



## *Overview: Strategic Transportation Corridors*

- Identified network of high-priority transportation corridors throughout North Carolina that integrates all modes.
- Move large volumes of people and freight across NC to key markets inside and outside the state.
- Transportation facilities and services within the corridors connect centers of economic activity of statewide and regional significance.
- Identification based on three goals: **System Connectivity, Mobility, and Economic Prosperity.**
- Adopted by North Carolina Board of Transportation in March 2015.

# Overview: Strategic Transportation Corridors



Reflecting the North Carolina Strategic Transportation Corridor Policy and goals upon which the Policy is based, the strategic transportation corridors shown here comprise a network of major transportation facilities and services that are responsible for moving high volumes of people and freight across regions of the state and that must function at high levels of service in order to provide for the State's economic well-being.

The corridors depicted on this map are schematic representations of travel sheds and line placement on the map is not intended to imply improvement location.

NCDOT, STC Staff/TransCorridors/rev.048 12.15.2014



**NORTH CAROLINA  
TRANSPORTATION  
NETWORK**

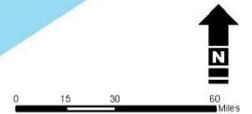
FEBRUARY 2015

Source: NCOneMap, NCDOT GIS, ESRI

Strategic Transportation Corridors (solid = highway; dashed = rail)			
A (US74W)	F (I73/Future I73)	K (US421/NC87)	P (US70E/NCRR)
B (US441)	G (I77)	L (US1)	Q (I40)
C (I26/US23)	H (I74/Future I74)	M (I495/US64E)	R (US64W/NC49)
D (US321/CSX)	I (I65)	N (US13)	S (I795/US117)
E (US421W)	J (US29N/NS)	O (US17)	T (I95/CSX)
			U (US74W/US74E/Future I74)
			V (US264E)
			W (US401/NC24/US258)
			X (US258/NC11/US13)
			Y (US158)

**NORTH CAROLINA  
STRATEGIC TRANSPORTATION  
CORRIDORS NETWORK**

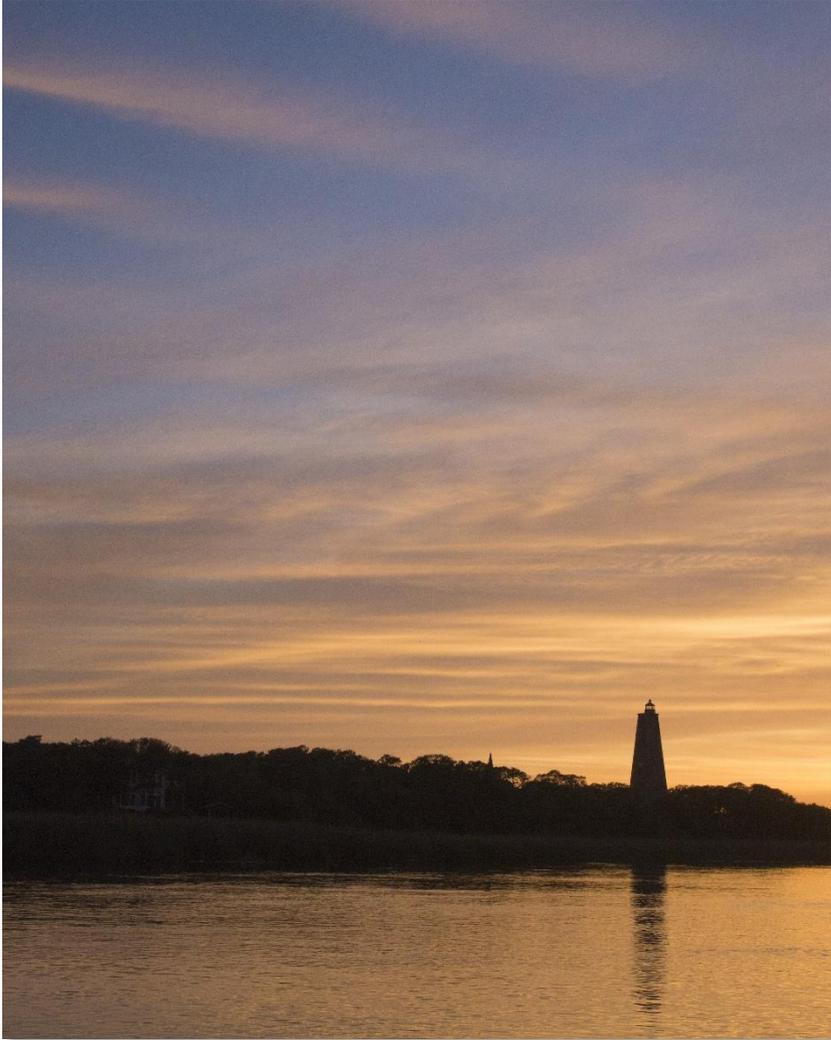
 NC Seaports  
 NC Int'l or Major Freight Airports



# *Strategic Transportation Corridors: Implementation*

- Preserve the inter-regional, long-distance travel needs of STC as part of long range transportation plans.
- Apply the highest practicable access management provisions to promote operational efficiencies and safety, and to enhance the movement of people and freight on primary STC facilities.
- Preserve and support project development decisions made prior to adoption of STC.
- **Work with regional planning partners to prepare STC vision plans that reflect consistent, corridor-long performance standards and take into account regional and statewide characteristics and needs in terms of mobility, multimodal opportunities, operational performance, safety, and physical condition.**

## *STC Vision Plans*



Two levels of corridor vision plans:

- STC Master Plans
- Sub-Corridor Alternatives Studies

## *STC Master Plans*

- Identify mobility vision for all STC end-to-end corridors
- Identify broad improvement strategies
- Guide improvements and development in a way that defines long-term vision and performance level
- Protect corridor key functions as defined in corridor profiles
- Identify performance targets
- Identify segments for sub-corridor alternatives studies
- Engage key stakeholders:
  - MPO, RPO
  - Resource Agencies

## *Sub-Corridor Alternatives Studies*

- Focus on specific segments of STC corridors in need of further analysis
- More refined level of detail
- Engage key stakeholders:
  - MPO, RPO, Municipalities, Counties
  - Resource Agencies
- Public Involvement

# *Questions?*

Kerry Morrow  
[kmorrow@ncdot.gov](mailto:kmorrow@ncdot.gov)  
Terry Arellano  
[tarellano@ncdot.gov](mailto:tarellano@ncdot.gov)





Transportation

# FUNDING & APPROPRIATION STRATEGIES COMMITTEE MEETING MINUTES

DATE: 12/2/2015 TIME: 1:28 LOCATION: EIC

MEETING CALLED BY	Chairwoman Cheryl McQueary
BOARD ATTENDEES	Chairwoman Cheryl McQueary, Vice Chairman Jim Crawford, Mr. David Brown, Mr. Andy Perkins, Mr. Malcolm Fearing, Mr. David Tyeryar (staff)

## AGENDA TOPICS

<b>1. MEETING CALL TO ORDER AND APPROVAL OF NOVEMBER MINUTES</b>	
DISCUSSION SUMMARY	Moved by Mr. Perkins, seconded by Mr. Crawford
ACTIONS TAKEN	Approved unanimously

<b>2. EMERGENCY RESPONSE – SCOTT CAPPS</b>	
DISCUSSION SUMMARY	Presentation: Three categories: declared events -- hurricane, tornado, Infrastructure Damage, large amounts of debris; non-declared events – mudslides, pipe washouts; snow and ice removal. Declared Can be eligible for federal reimbursement – FEMA or FHWA. Non-declared uses state funds - \$5 mil set aside annually. Snow and ice - \$50 mil set aside annually.
ACTIONS TAKEN	No action taken.

<b>3. INCIDENT RESPONSE – KELLY WELLS</b>	
DISCUSSION SUMMARY	Presentation: Traffic control (IMAP, maintenance); relationships (Police, fire, EMS, towing and recovery); Traveler information (Transportation Management Centers, Traveler Information Management System, overhead message boards); Detection (Cameras, speed detection, law enforcement CAD feeds, IMAP patrols, Vehicle Probe Project Suite, VIPER communication); Initiatives (heavy towing program, IMAP and TMC training, team meetings, responder safety training)
ACTIONS TAKEN	No action taken.

<b>4. EQUAL OPPORTUNITY UPDATE – MARCI WRIGHT – POSTPONED UNTIL JANUARY</b>	
DISCUSSION SUMMARY	EEOW programs, opportunities for small and disadvantaged firms, Disadvantaged Business Enterprise Program, Unified Certification Program, New rules, available assistance from EEOW.
ACTIONS TAKEN	No action taken. <b>POSTPONED UNTIL JANUARY</b>

Adjourned 2:14



# JOINT COMMITTEE MEETING (FAST/EDIR) AGENDA

## BOARD OF TRANSPORTATION JANUARY 6, 2016

TIME: 2:00 – 3:30 p.m.

LOCATION: Room 150

TOPIC	PRESENTER	TIME
Call to Order - Approval of December minutes	C. McQueary, FAST T. Hutchens, EDIR	
Equal Opportunity Status Update	Marci Wright	60 minutes
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FAST/EDIR Joint Committee  
January 6, 2016

*Equal Opportunity Update*

Marci Wright, Director



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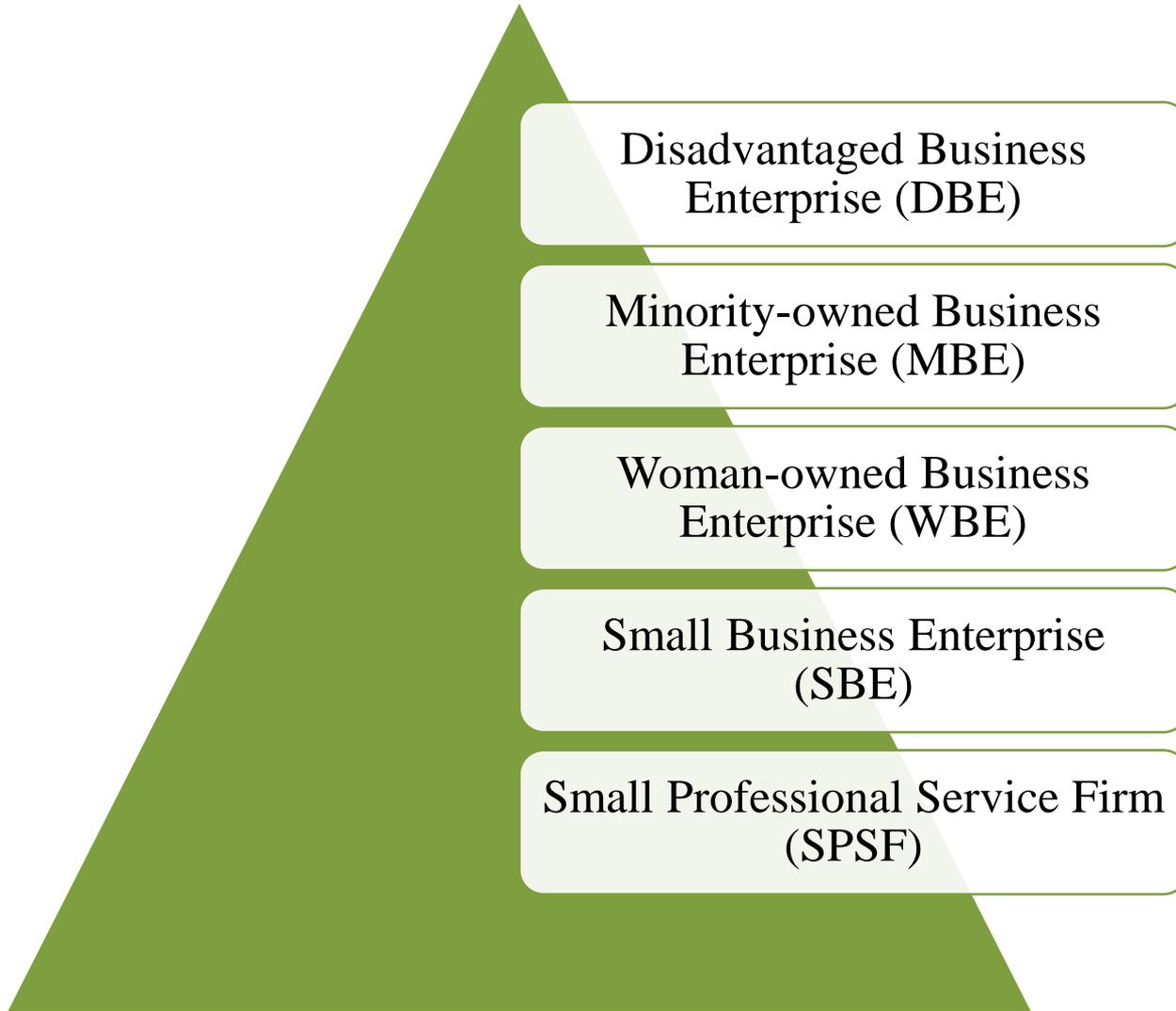


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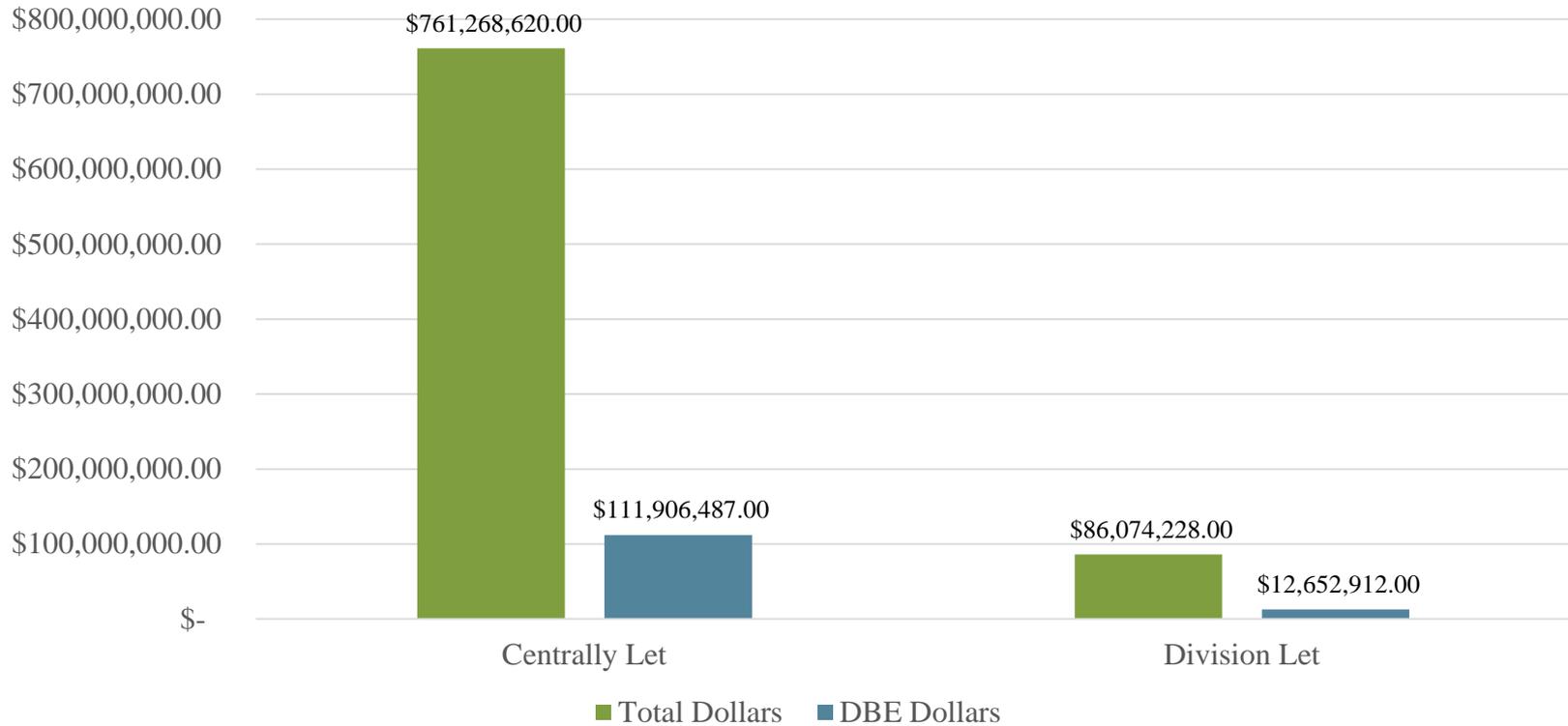


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# Status Update Federally Funded Construction Awards

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as of 9/29/2015



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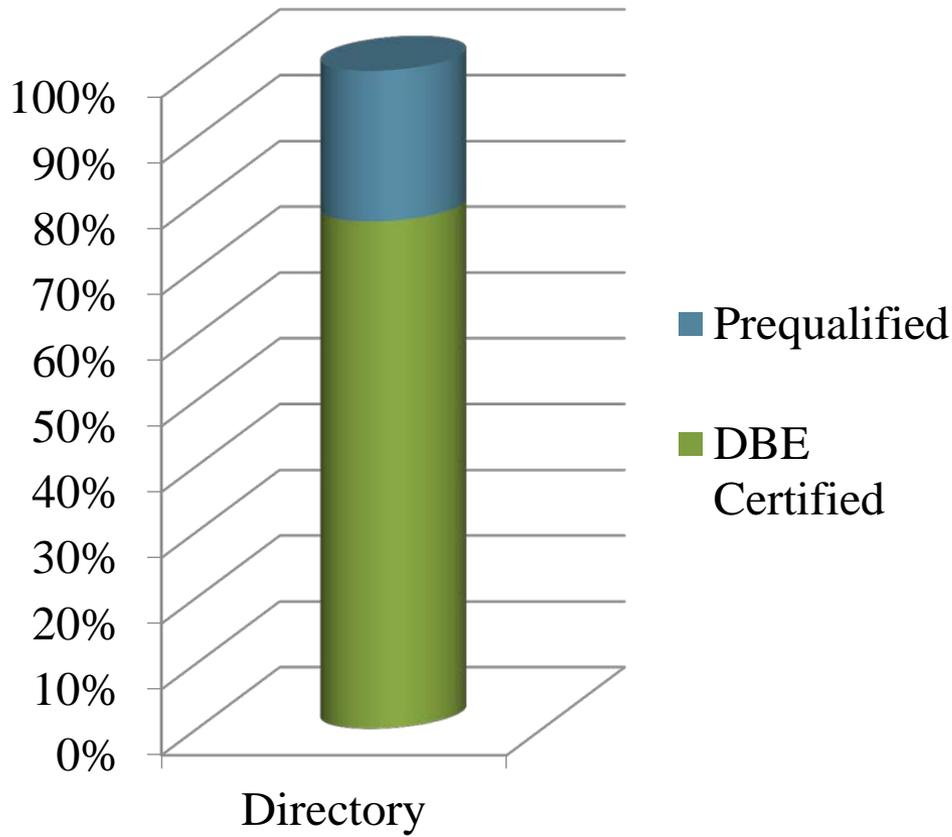
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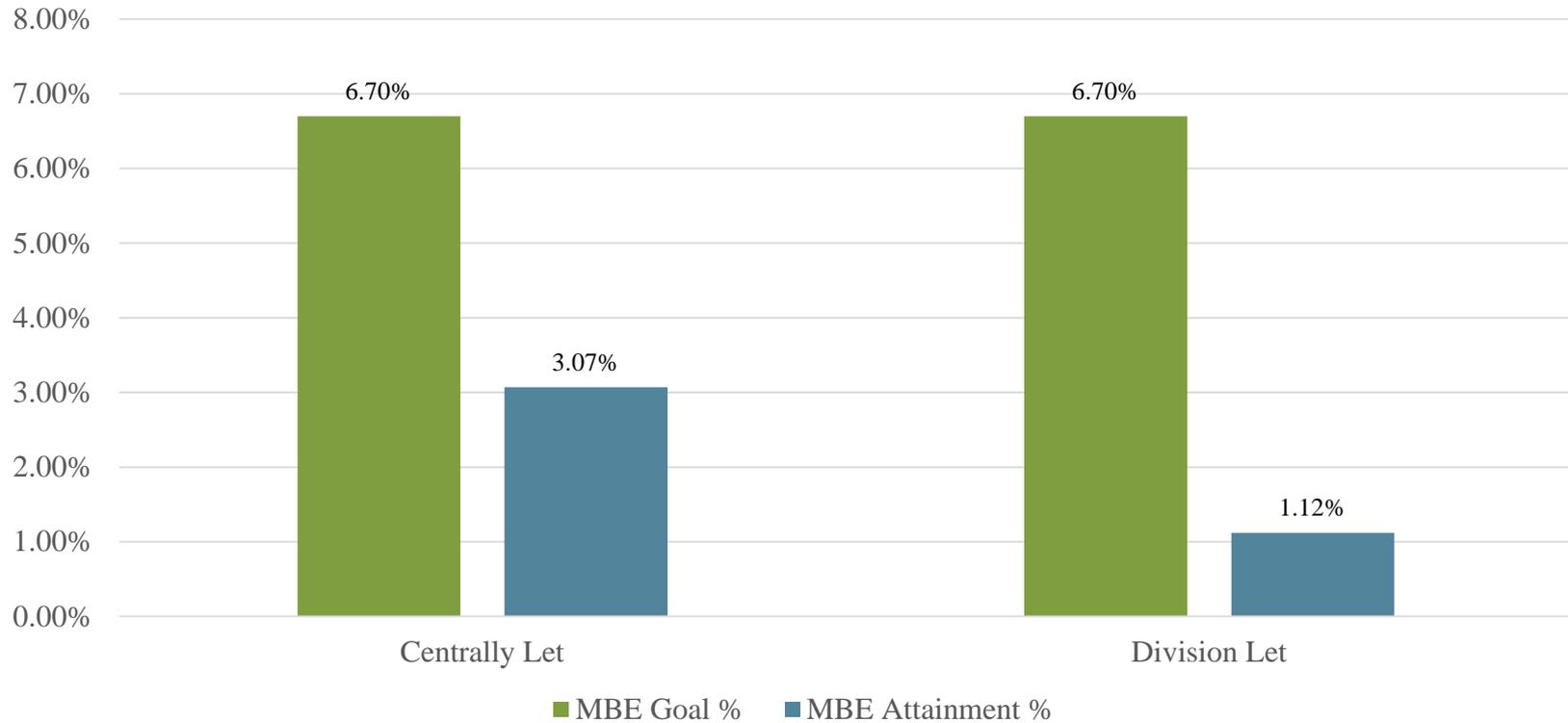
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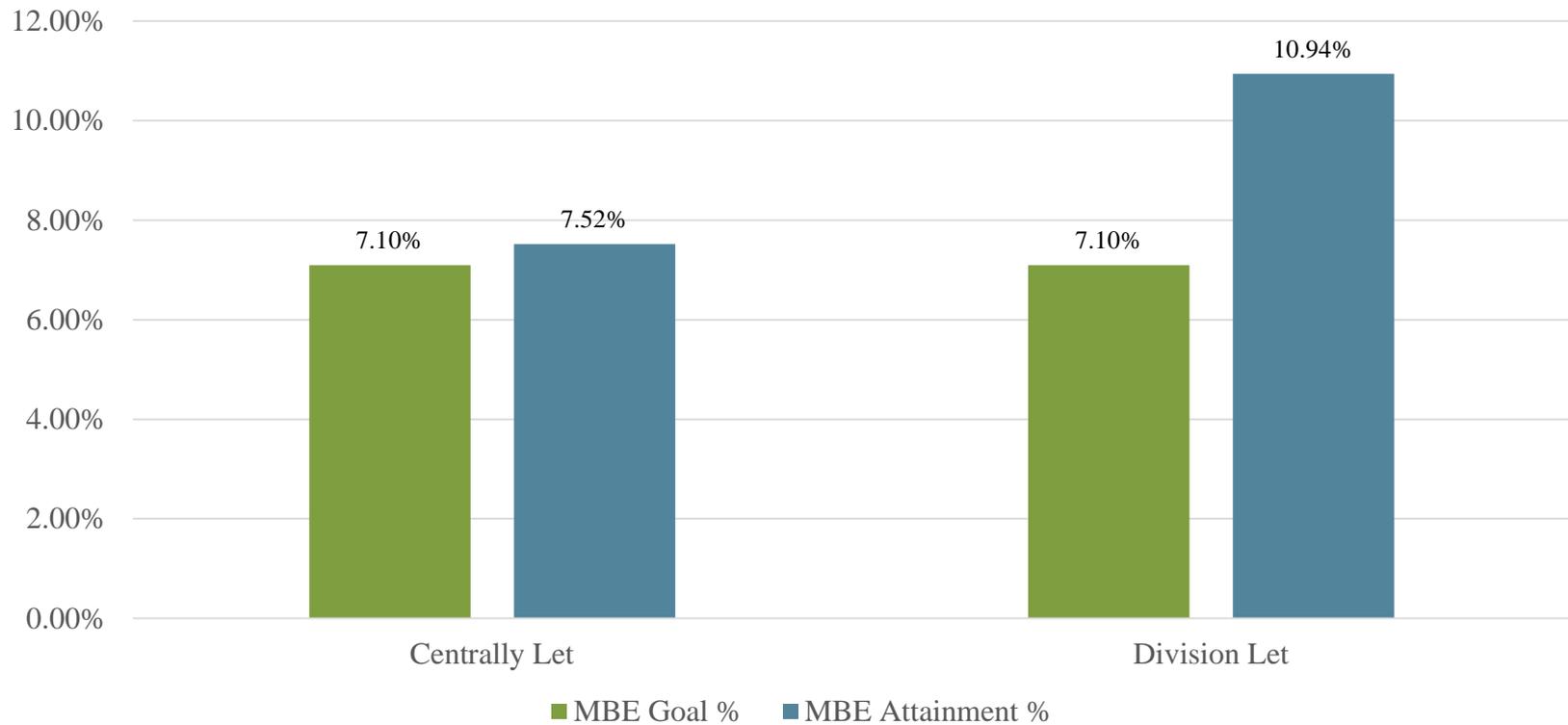


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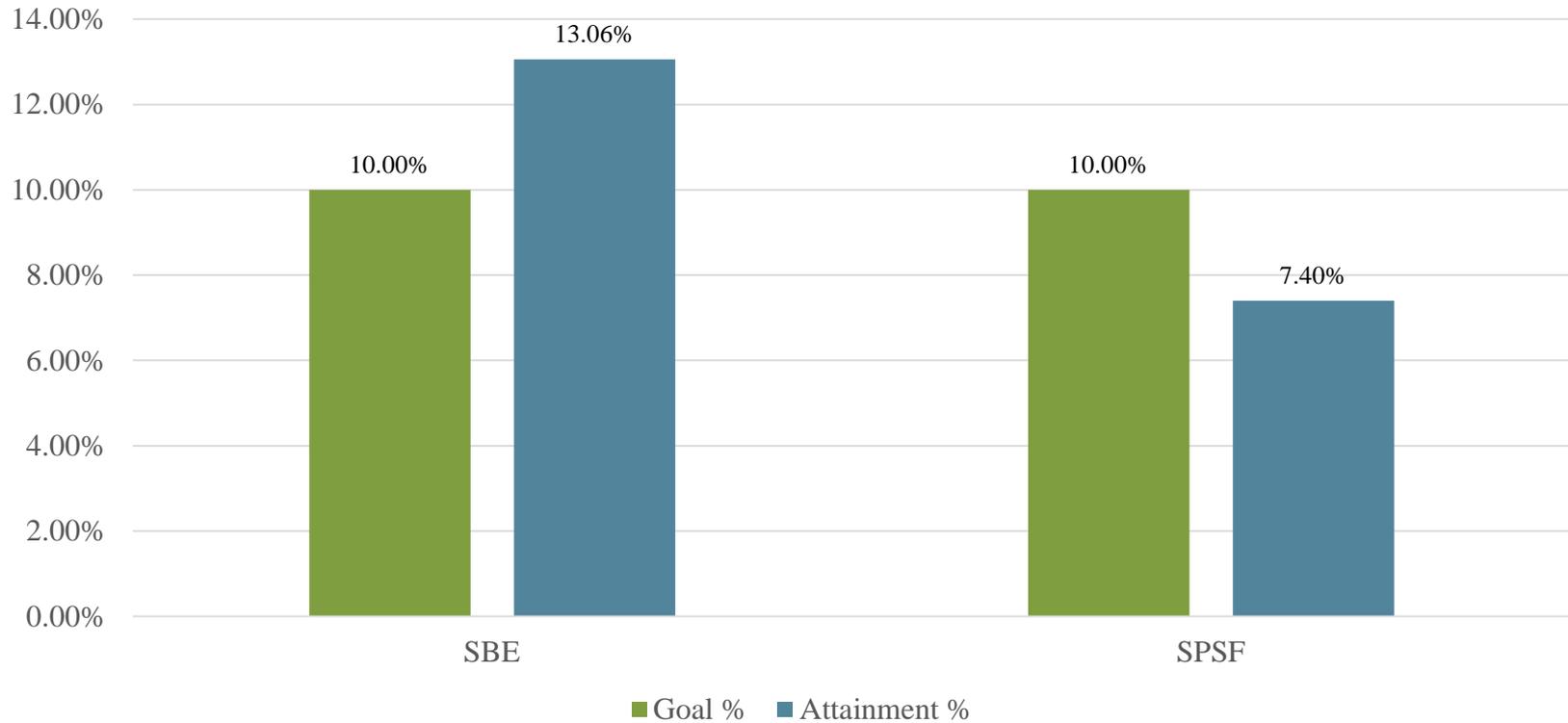
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# Status Update

## Small Business Success

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as of 9/29/2015



*The Way Forward*



# *New Rule for Federally Funded Design Services*



## *New Rule Highlights*

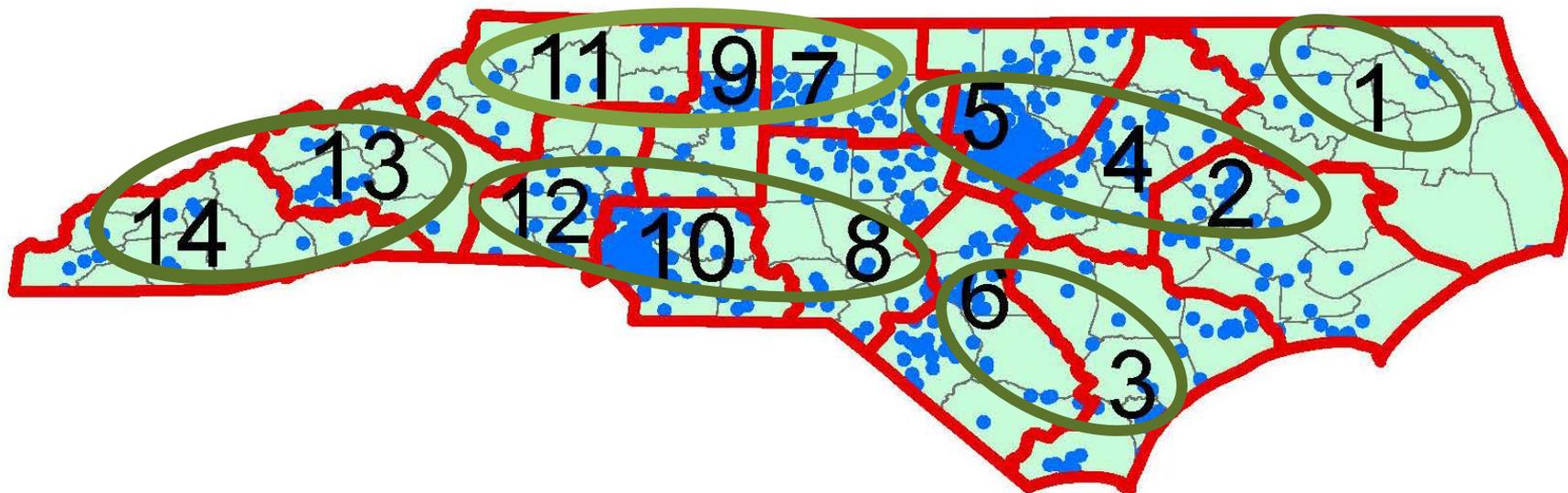
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DBE Firms by Division



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**Marci Wright**

Director, Office of Equal Opportunity & Workforce  
Services at North Carolina Department of Transportation

919.508.1886 Office

[mlwright4@ncdot.gov](mailto:mlwright4@ncdot.gov)





# HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 12-2-2015 TIME: 10:30 AM – 12:00 PM LOCATION: 150

MEETING CALLED BY	Jake Alexander
BOARD ATTENDEES	Committee: Blount, Brown, Crawford, Molamphy, Overholt, Palermo Others: Curran

## AGENDA TOPICS

1. APPROVAL OF NOVEMBER MINUTES	
DISCUSSION SUMMARY	
ACTIONS TAKEN	Minutes were approved as written.

2. ENVIRONMENTAL COMPLIANCE – RICHARD HANCOCK, PE	
DISCUSSION SUMMARY	<p>As a Department, we must follow environmental compliance whether the project is federally or state funded. For federally funded projects, we must comply with the National Environmental Policy Act (NEPA), Presidential Executive Orders, Federal and State Laws. For State funded projects, we must comply with State Environmental Policy Act (SEPA), Gubernatorial Executive Orders, any applicable federal laws and state laws. Compliance with NEPA or SEPA is documented with an Environmental Impact Statement (EIS), Environmental Assessment (EA) or a Categorical Exclusion (CE). These documents are vastly different and have varying levels of complexity. The NEPA and SEPA processes involve engineering, environmental, public involvement, mitigation and project management. During the engineering process, preliminary plans are developed but they can change throughout the process as impacts and costs are calculated, traffic and operations studies are performed and public involvement takes place. During the environmental process, we study human and natural environmental effects which include things such as air quality, cultural resources, economics, floodplains, noise, relocations, streams and wetlands, threatened and endangered species, water quality, etc. Public involvement is a fundamental component of project development and is done at various stages throughout the process. Successful outreach is key to obtaining public input on complex project issues. In terms of mitigation, avoidance is the first step, minimization of any unavoidable impacts is next and only after that does mitigation for these impacts occur. Some of the commonly mitigated impacts include wetlands, streams, noise, historic properties, environmental justice communities, archaeological sites and wildlife habitats. The project management piece includes coordinating and delivering all the required pre-construction activities. Many activities can be completed concurrently however sometimes the law requires public comment periods that cannot be done concurrently. There was a recent Lean Six Sigma project that studied the project development process including key elements such as scope, schedule, cost and how it relates to the STIP budget. The outcomes of the project should trim 25% off the project development time. Next, environmental laws and presidential orders were discussed. Section 106 of the National Historic Preservation Act and G.S. 121.12(a) are in place to protect cultural resources such as historic properties and archeological sites. These laws have to be followed even if the project is state funded. Section 4(f) of DOT Act of 1966 is a FHWA law the Department has to follow for federally funded projects that also protects historic properties. Federal Land Protections prohibit DOT from condemning under eminent</p>



Transportation

# HIGHWAYS COMMITTEE MEETING MINUTES

	<p>domain however DOT can obtain federal lands through coordination and permission of the owner. Environmental Justice (Exec Order 12898) law ensures that everyone, including minority, low income, low income, elderly or disabled persons, and those with limited English proficiency, are treated fairly and have a voice in transportation decision-making. It also ensures disproportionately high and adverse impacts on low income and minority populations. Section 7 of the Endangered Species Act requires consultation with USFWS if the project impacts federally-listed rare, threatened or endangered species (i.e. various fresh water mussels, Northern Long Eared Bat, etc.). Title 23 CFR Chapter 772 is a federal regulation that governs DOT's traffic noise abatement policy. Additionally, some of the commonly required environmental permits were reviewed. The Section 404 permit deals with the US Army Corps of Engineers Clean Water Act that regulates the discharge of dredged and fill material into waters of the US including wetlands. Larger, more complicated projects require an individual permit while smaller projects can use a nationwide permit allowing for a shorter review time. NCDOT was recently issues a general permit 31 for widening projects which should reduce the number of individual permits needed. Section 401 Certification (which runs in parallel to the Section 404 permit) is done through NCDEQ Division of Water Resources and certifies that no water quality standards will be violated by a federally-permitted activity. They also have River Buffer Rules protecting a stream buffer that is 50 feet to each side. This rule does not affect all streams across the state. The Coastal Area Management Act, covering the 20 coastal counties, is intended to make sure that development within Areas of Environmental Concern (AEC) does not threaten public safety of the continued productivity and value of in important natural areas. The Coast Guard Permit is required for new bridges of modified bridges across navigable waters and vessel studies are often required. The Merger process is an agreement among NCDOT, FHWA, USACE and NCDEQ. It is used for projects that would benefit from a multi-agency team approach to alternate development and selection that leads to a successful permit application. Though many projects are pre-screened as "out of merger", they still have to comply with applicable federal and state laws. The merger process will be presented to the full BOT at a future working lunch.</p>
<b>ACTIONS TAKEN</b>	



# HIGHWAYS COMMITTEE MEETING MINUTES

### 3. NOISE POLICY REVISIONS – GREG SMITH, PE

<p><b>DISCUSSION SUMMARY</b></p>	<p>The basis for the traffic noise abatement policy is Federal Regulation Title 23 CFR Chapter 772. These Procedures for Abatement of Highway Traffic Noise and Construction Noise provide general procedures for noise analyses and abatement, detail noise abatement criteria, establish requirements for information to be given to local officials related to noise sensitive areas and require development of states' noise policies that must meet FHWA approval. Noise analyses are performed during the NEPA process and final design to identify impacted areas and determine feasible and reasonable noise reduction measures. The DOT noise policy applies to Type I noise projects only, which include new location projects, modification to existing highways/interchanges/lanes and additions of weigh stations, rest areas, ride-share lots, and toll plazas. NCDOT considers noise reduction measures for all locations where predicted noise levels exceed thresholds established by FHWA or a substantial noise level increase detailed in the NCDOT policy. The Substantial Noise Level Increase is currently a sliding scale based on existing/future noise levels. The proposed policy revises this to be defined as a 10 dB(A) or more future increase over the existing noise levels. Feasibility and Reasonableness are considered during the analysis of the noise abatement measures as well as public preference solicited by a balloting system. Front row property owners get 3 points, all other benefited property owners get 1 point, and all residents get 1 point. The balloting process is proposed as follows: If more than 50% of all possible points are received for each proposed wall, the simple majority of points cast will determine if the wall will be constructed. If less than 50% of all possible points are received, a second solicitation is sent to non-responders. Then if 25% of all possible points are received after the 2<sup>nd</sup> solicitation, a simple majority of voting points cast will determine if a wall is constructed. If less than 25% of total possible points are received, the wall will not be constructed. The DOT will allow third party participation in the funding by public entities requesting enhancements to the abatement measures. The Department also coordinates with public officials and performs public outreach during the noise analyses and the balloting process. A review of the policy by the BOT is required at least every 5 years. The current NCDOT noise wall consists of concrete columns, precast concrete panels textured on both sides (with the exception of the uppermost foot of each wall segment), and a single color of stain in brown or gray tones on both sides (again with the exception of the uppermost foot and the columns). This wall treatment is proposed for inclusion as the standard NCDOT noise wall within the proposed policy revisions. The Divisions are responsible for determining the texture and wall stain colors. The cost to stain is approximately \$3-\$5/sq. ft. The texturing on both sides of the wall and utilizing concrete columns will result in an approximately 5% increase in cost. The next steps are to present the proposed noise policy to the full BOT at the January 2016 working lunch for the BOT to vote on in February 2016. There was some discussion on the voting/balloting of the walls by residents/occupants and it was requested that a more clear and simple presentation of the balloting points system be included in the policy.</p>
<p><b>ACTIONS TAKEN</b></p>	



# HIGHWAYS COMMITTEE MEETING MINUTES

4. PAVEMENT PRESERVATION – EMILY MCGRAW, PE	
DISCUSSION SUMMARY	<p>The Pavement Preservation (PP) Outsourcing Legislative Report was sent to the JLTOC on December 1, 2015 as required. The report included the summary of the Legislative mandate, the Department activities on outsourcing PP efforts and the Legislative data requirements. During the 2014 Legislative session a new PP Program was established defining eligible treatments, outsourcing targets for FY2014-2015 as well as future outsourcing targets (FY 2015-2016: 30%, FY 2016-2017: 55%, FY 2017-2018: 80%). During the 2015 Legislative session the PP Program was modified to add an additional \$35M for FY 2015-2016 for a total of \$100M and proposed an allocation of \$85M for FY2016-2017. It also added crack sealing as an eligible treatment. The DOT identified a team of individuals to address the transition by reviewing contract development/specifications, contract inspections, data requirements, industry outreach, etc. They worked with CAPA and the aggregate association to develop the specification's which were debuted in January 2015. 36 contracts including preservation work were advertised and awarded in FY 2014-2015. Industry outreach, education and training were also addressed by having PP topics included at the annual CAPA/NCDOT Asphalt Training Workshop in February 2015. There was also a National Center for PP Chip Seal Training Course held the same month. The Department developed a new Chip Seal Manual and Training Course in June 2015 as well as developed a website making training materials available to the contracting industry. The Department utilized material sampling programs for contract chip seals and is currently developing a certification program. The Legislative Data Requirements were also reviewed showing monthly lane mile accomplishments, expenditures and amount performed by contract. The Statewide costs were reviewed showing the various treatment types and those associated lane mile accomplishments, expenditures and amount performed by contract. The next steps include a state force transition. Eleven Divisions used State Forces in the 2015 paving season. Six Divisions anticipate using State Forces in the 2016 paving season while eight anticipate fully contracting chip seal operations (which account for 85% of the PP work). Moving forward, the Department will continue to utilize experienced staff to inspect projects, offer 2 more classes to the paving industry, discuss PP at the winter 2016 Asphalt Summits and report out to the NCGA as required. The question was asked if there is enough small business contractors in the state to do this work. The Department has been tasked to help build that industry and is working with CAPA to make business owners aware.</p>
ACTIONS TAKEN	



# HIGHWAYS COMMITTEE MEETING MINUTES

5. HIGHWAY ROADSIDE MANAGEMENT – SCOTT CAPPS, PE & DON LEE	
DISCUSSION SUMMARY	<p>Currently mowing contracts are managed by the Asset Management Unit. Because mowing contractors work across the state, mowing contracts are centrally let with input by the Divisions, and then the Divisions manage the contracts. The Department maintains an in-house access database that tracks all the contracts and prices, quantity of shoulder miles, number of cycles, and every contractor that bids on a contract. Typically there are about 80 mowing contracts statewide. We put out about 30 new contracts per year. The contracts are typically for 1 year with the option to renew for 2 years. We are now in transition to total roadside management. We're doing more cluster contracts by combining counties as well as corridor contracts to ensure consistent mowing. The Divisions are given flexibility on the contract to decide the number of cycles and what is accomplished in each cycle. Recent legislation required that all litter and mowing operations be moved to the Roadside Environmental Unit. Asset Management staff began working with REU staff on this transition ensuring transfer of files and training. Current vegetation management practices include mowing, brush/tree management, herbicide operations, and bridges/signs/guardrails. The Department has begun a holistic approach to vegetation management in order to streamline the decision matrix for managing roadside vegetation. For instance, spraying earlier could avoid the need for weed eating and thus reduce the amount of workers along the highways. It also helps reduce duplicative activities so we can do more with the funding. Having larger contracts covering multiple roadside activities should hopefully reduce the unit costs. The Department has also starting working with private partners like Bayer on public private funding opportunities. The Roadside Environmental Unit will continue to monitor progress and adjust and improve activities, coordinate statewide vegetation efforts, manage brush and tree issues efficiently, keep guardrails and barriers clean, keep litter cleaned up, continue to establish low growing turf to minimize mowing cycles. The question was asked about the chemicals we use and if they are safe and environmentally friendly. It was stated that we work with NCDA and only use allowable/safe chemicals. Tourism was also brought up and it was discussed that DOT ensures roadside vegetation is receives the attention necessary for special events and the new corridor mowing will reduce patch mowing on tourist routes.</p>
ACTIONS TAKEN	



# HIGHWAYS COMMITTEE AGENDA

## BOARD OF TRANSPORTATION JANUARY 6, 2016

TIME: 10:00 AM – 12:00 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
US 321 Project - Widening in Blowing Rock	Mike Pettyjohn, PE	30 min
Business 40 Improvement Project – Winston-Salem	Pat Ivey, PE	30 min
Guardrail End Terminals & MASH	Kevin Lacy, PE	30 min
Review of Rules - NCAC	Kevin Lacy, PE	30 min



Board of Transportation – January 6, 2016

*Business 40 Improvement Project*  
– *Winston-Salem*

Pat Ivey, PE



# History

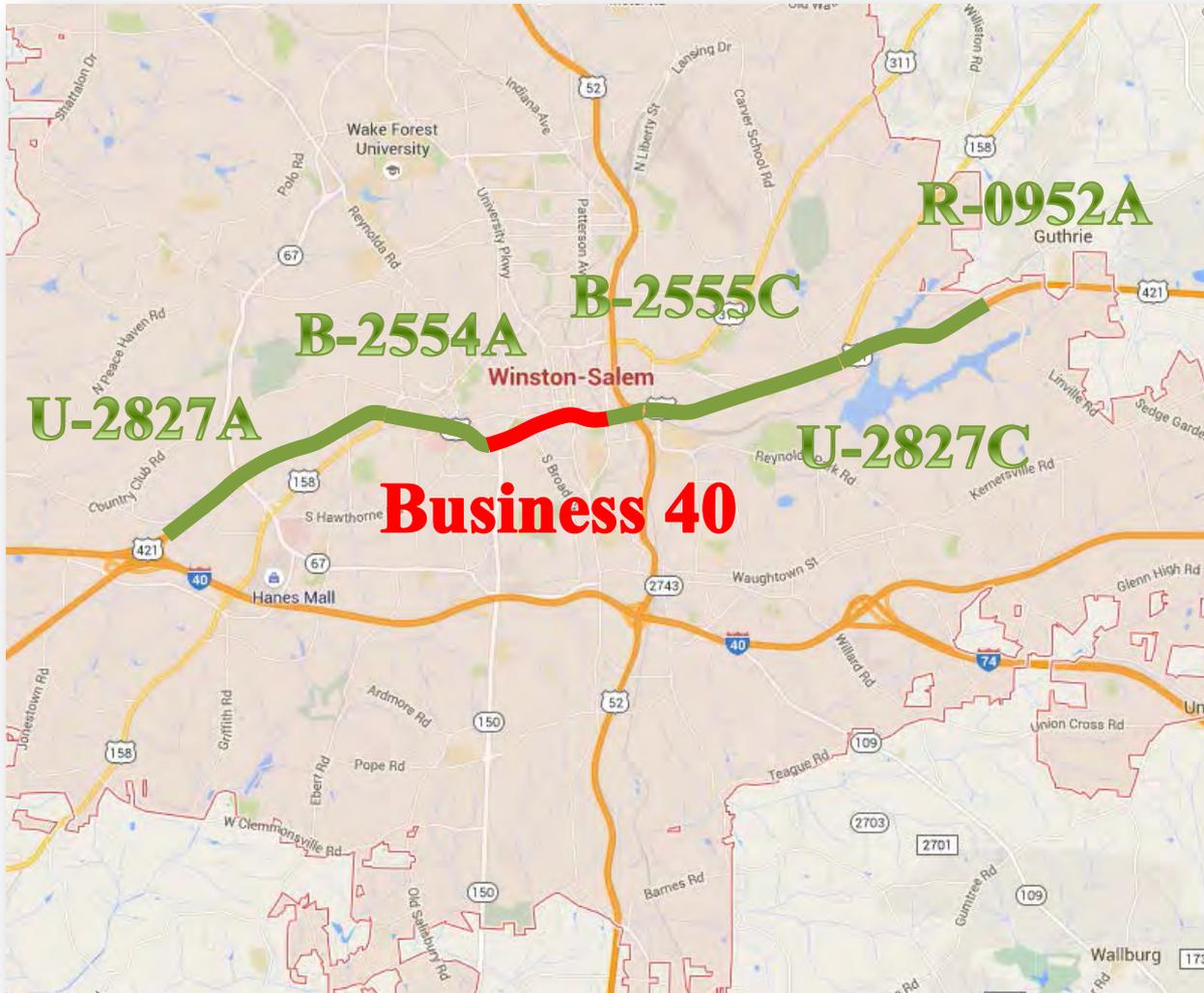


- Designed in early 1950's
- Opened in 1958 as the East-West Expressway
- Later designated as first section of Interstate 40 in NC
- Designated as I-40 Business when "new" I-40 was constructed



1958





# The Project

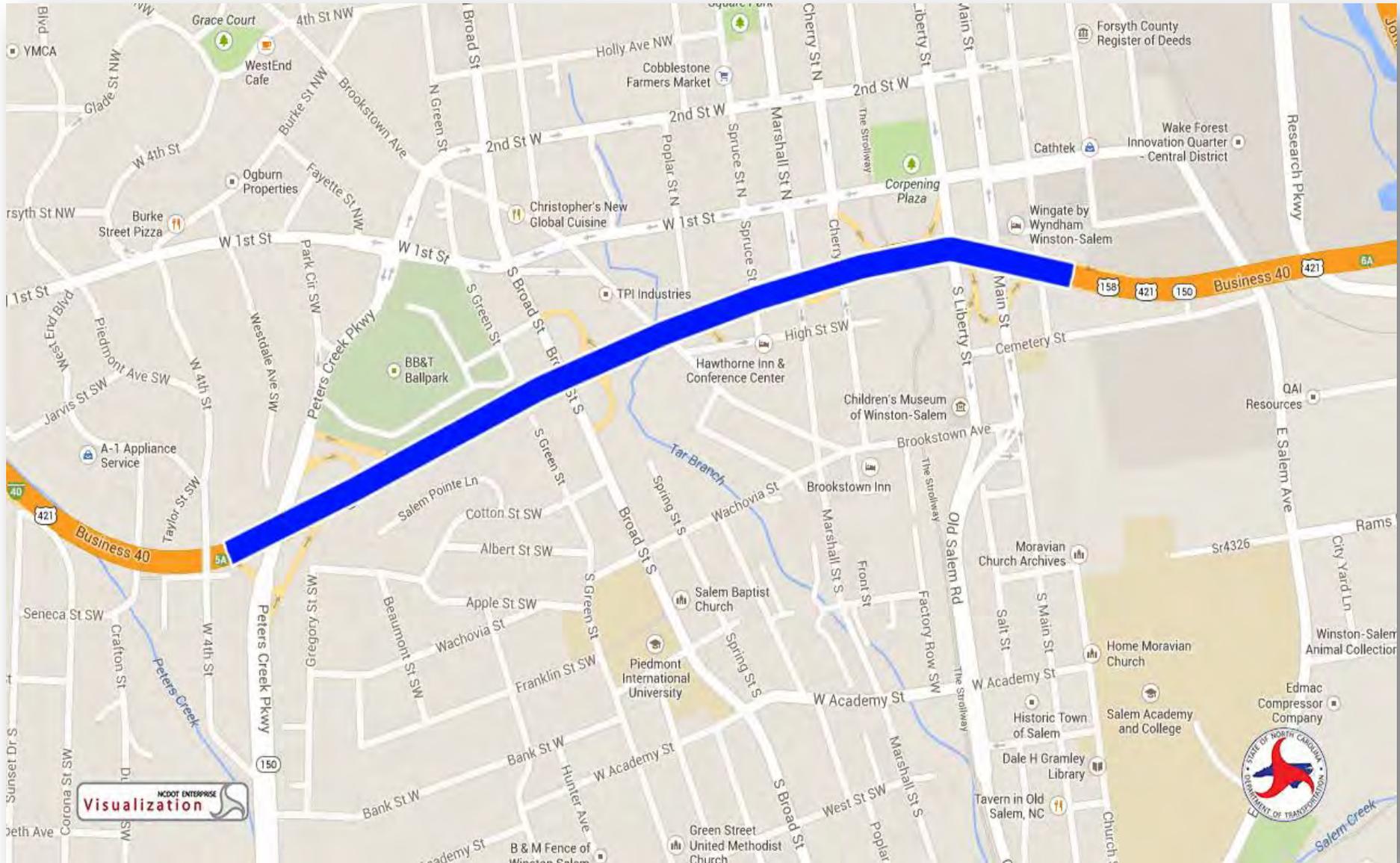


# *The Magnitude and Complexity of Rehabilitating Business 40*

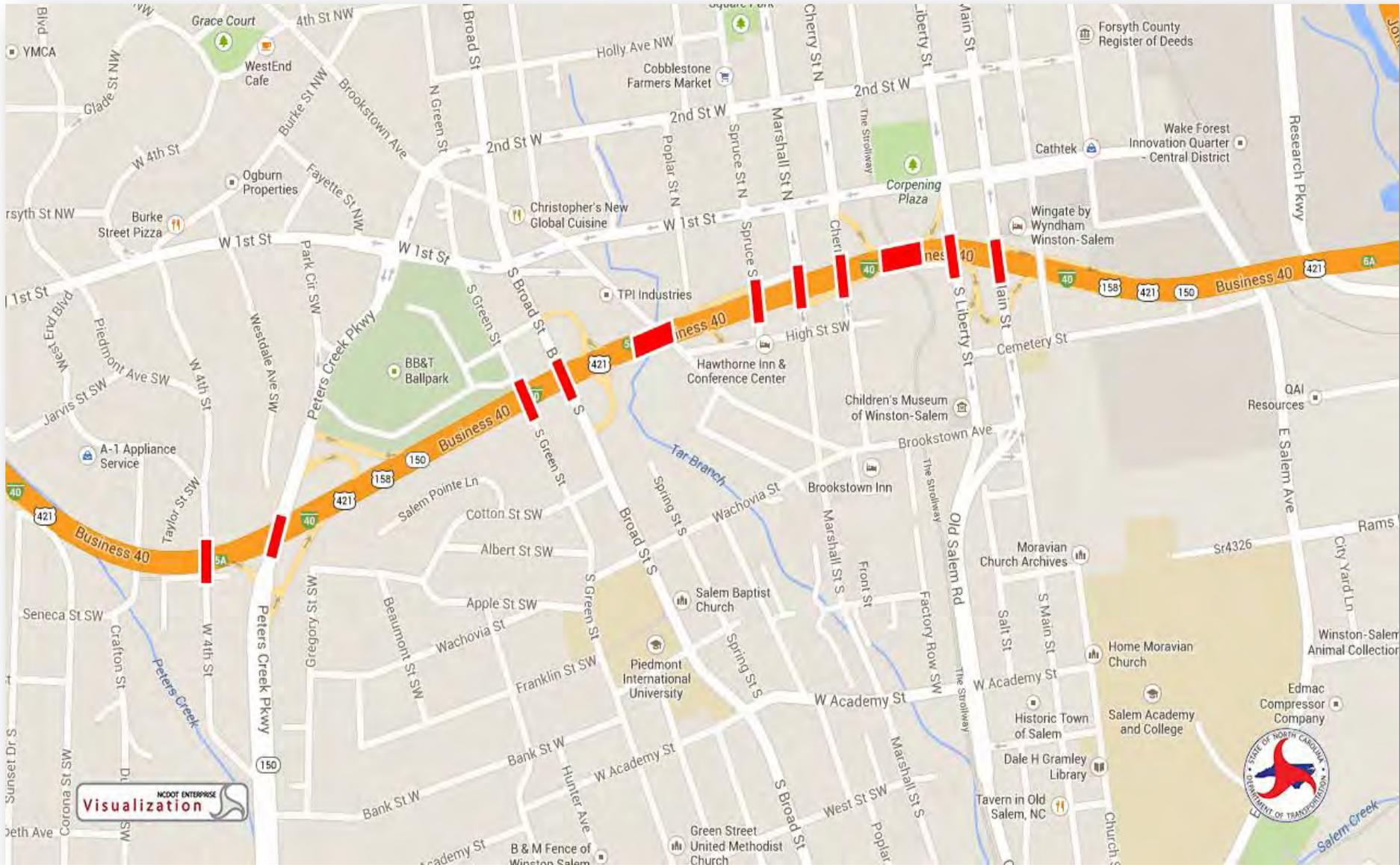
- Involves the complete rehabilitation and reconstruction of I-40 Business in downtown Winston-Salem – pavement and bridges
- Located between west of Fourth Street to east of Church Street
- Total project length is 1.2 miles
- Includes 2 full and 4 partial interchanges
- STIP Cost \$90,000,000 (ROW, Construction, Utilities)



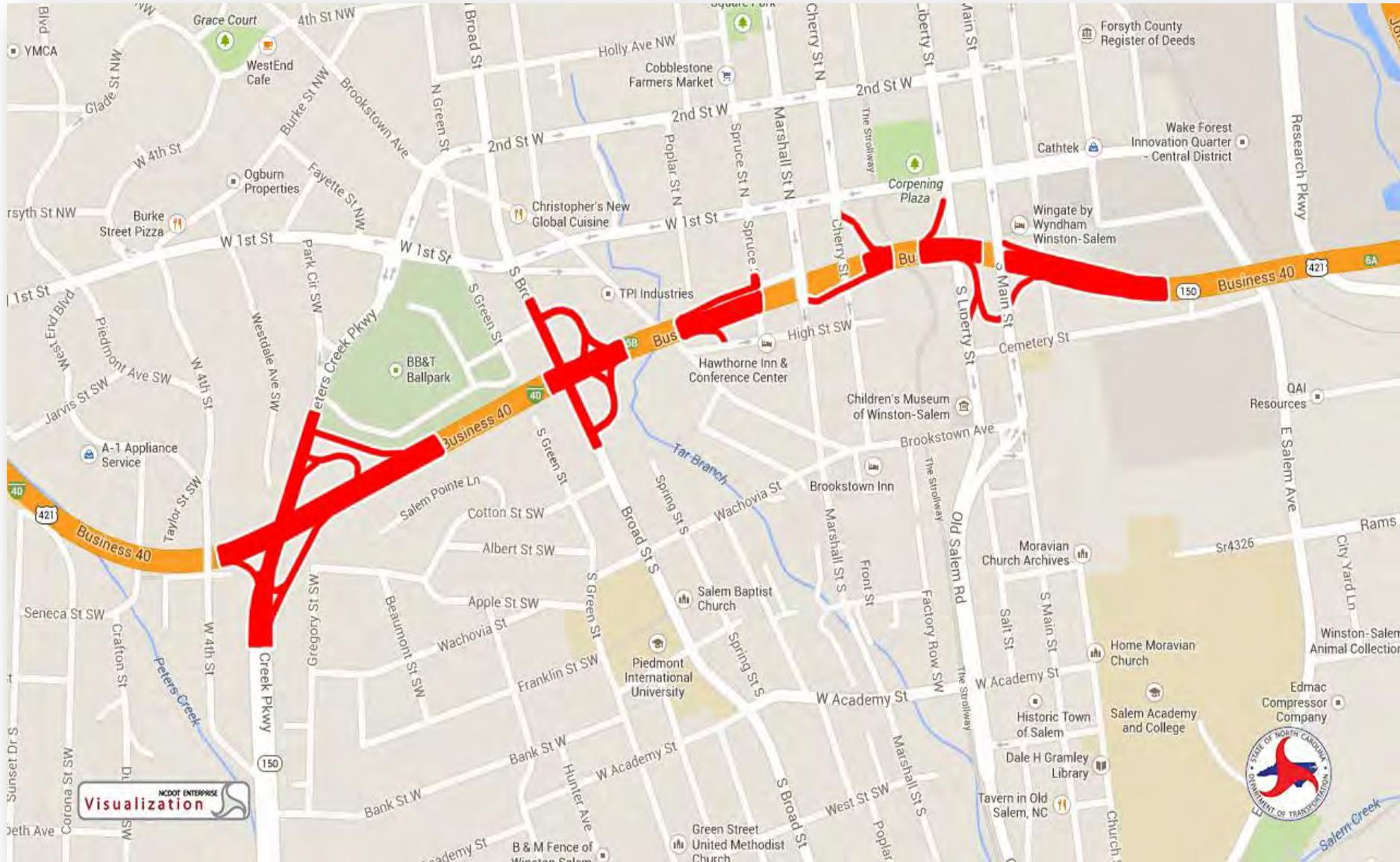
# Current Business 40



# Current Business 40



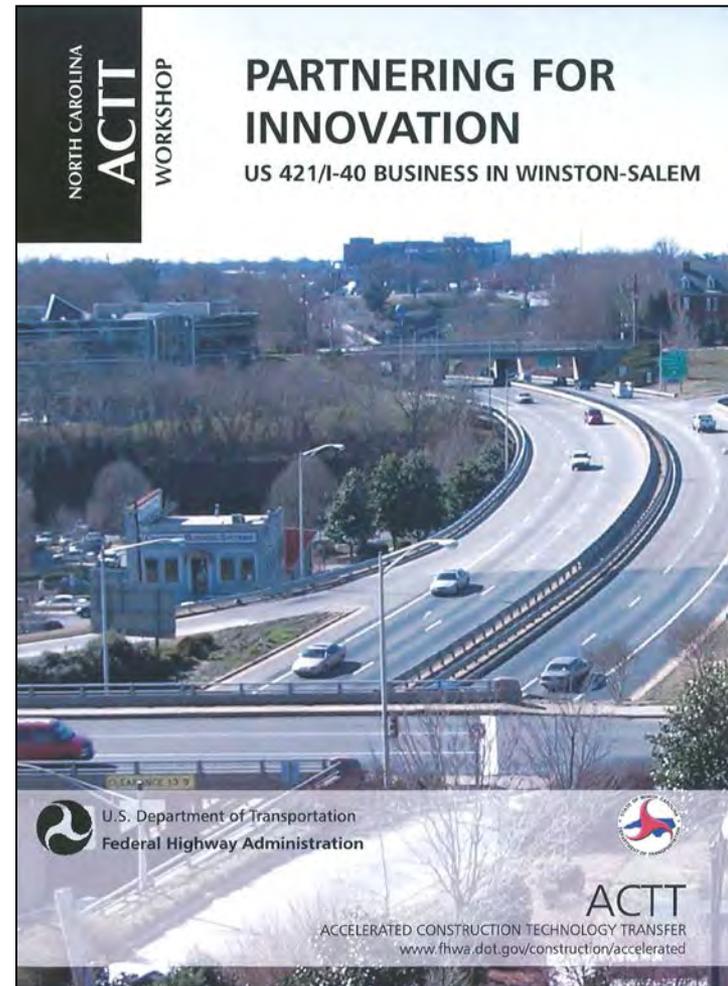
# Current Business 40



*NCDOT had to determine how to...*



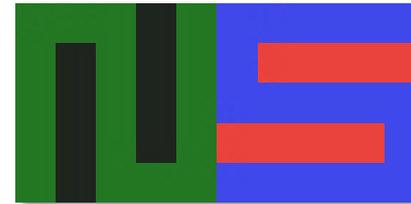
- April 2006, Accelerated Construction Technology Transfer (ACTT) Workshop
- May 2006, NEPA Studies Begin

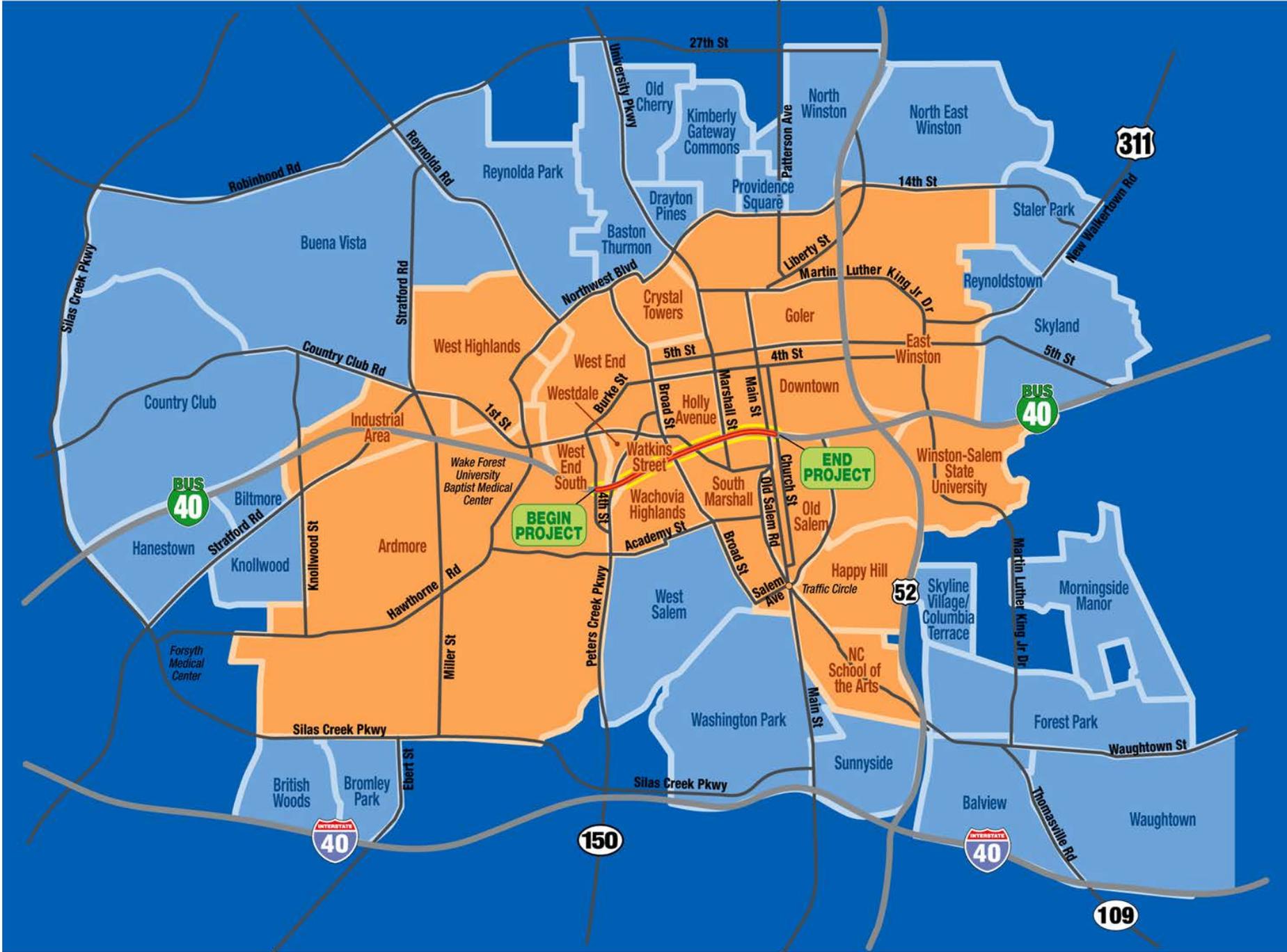


# *Unprecedented Public Involvement*



# ATKINS









## Downtown Employee Survey

Name: \_\_\_\_\_  
Employer: \_\_\_\_\_  
Home Address\*: \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

\*To be used by NCDOT for project-related contact only.

1. Do you use Business 40 to get from home to work?



## Neighborhood Business Survey

Contact Name and Title: \_\_\_\_\_  
Business Name: \_\_\_\_\_  
Business Address: \_\_\_\_\_  
Business Phone: \_\_\_\_\_ Email/Fax: \_\_\_\_\_

1. How many employees do you have at this location: \_\_\_\_\_
2. What are your hours of operation \_\_\_\_\_
3. What type of business is this \_\_\_\_\_
4. How long has your business been at its current address?  
a. 0-1 YEARS  b. 2-4 YEARS  c. 5-9 YEARS  d. 10+ YEARS
5. Does your business use Business 40?  
5a. What streets does your business typically use instead of Business 40?  
Yes  No
- 5b. If Business 40 was closed, what streets would your business use instead of Business 40?  
\_\_\_\_\_
6. Do your suppliers use Business 40? If yes, would you identify them so that we can contact them for an interview?  
\_\_\_\_\_

# 2-year Total Closure? or 6-year Partial Closure?



# *Neighborhood and Stakeholder Meetings*



**BUILDING THE FUTURE**  
Winston-Salem  
BUSINESS 40

# Building the Future BUSINESS 40

## PROJECT UPDATE - Your input has been important!

### - ¡Su opinión ha sido importante! Actualización del Proyecto

#### UPCOMING MEETINGS PRÓXIMAS REUNIONES

You still have time!  
We want your feedback!

We are approaching the completion of the Business 40 Environmental Assessment document that will be submitted to the Federal Highway Administration for review and approval. To the right is a list of upcoming public meetings where you can share your thoughts, concerns, and/or issues about the project. We want to continue hearing from you.

¡Aún queda tiempo!  
Queremos su opinión!

Ya casi terminamos de elaborar el documento de Evaluación Ambiental de la Business 40, el cual será enviado a la Administración Federal de Carreteras para su revisión y aprobación. A la derecha aparece una lista de reuniones públicas a calderarse próximamente y en las cuales usted puede compartir sus opiniones, preocupaciones, y asuntos relacionados con el proyecto. Queremos seguir escuchando sus comentarios.



#### WHAT'S INSIDE? EN ESTA EDICIÓN

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Actualización del Proyecto.....Páginas 10-11  
¿Qué es el Documento EA?.....Páginas 5  
Contactos.....Página 12

### MARK YOUR CALENDARS!

**WORKING GROUPS**  
Traffic and Community Issues

- Review traffic impacts on specific streets

**Tuesday, October 22, 2013 6-8pm**  
The Enterprise Center  
1922 S. Martin Luther King, Jr. Dr.

**Bridge and Design**

- Review vehicular and pedestrian bridge renderings

**Tuesday, October 29, 2013 5:30-7:30pm**  
Milton Rhodes Arts Center  
251 N. Spruce Street

**CORRIDOR-WIDE PUBLIC MEETINGS**

- Review bridge design renderings
- Interchange Alternatives
- Traffic Impacts

**Tuesday, November 19, 2013 4-7pm**  
Milton Rhodes Arts Center  
251 N. Spruce Street - FREE PARKING

**Thursday, November 21, 2013 6-8pm**  
The Enterprise Center  
1922 S. Martin Luther King, Jr. Dr. - FREE PARKING

### ¡MARQUE SE AGENDA!

**GRUPOS DE TRABAJO**  
Tráfico y Asuntos Comunitarios

- Análisis de impactos de tráfico en calles específicas

**Martes, octubre 22, 2013 6 a 8 pm**  
The Enterprise Center  
1922 S. Martin Luther King, Jr. Dr.

**Puentes y Diseño**

- Análisis bocetos de puentes para vehículos y peatones

**Martes, octubre 29, 2013 5:30 a 7:30pm**  
Milton Rhodes Arts Center  
251 N. Spruce Street

**REUNIONES INFORMATIVAS DEL CORRIDOR**

- Análisis bocetos de diseño de puentes
- Alternativas de intercambios
- Impacto de tráfico

**Martes, noviembre 19, 2013 4 a 7pm**  
Milton Rhodes Arts Center  
251 N. Spruce Street - ESTACIONAMIENTO GRATUITO

**Jueves, noviembre 21, 2013 6 a 8pm**  
The Enterprise Center  
1922 S. Martin Luther King, Jr. Dr. - ESTACIONAMIENTO GRATUITO



## Progress on the Design Alternatives

Over the last two years, the conceptual design ideas for the Business 40 Improvement project have changed considerably into what we are now referring to as the Peters Creek Parkway interchange design and two downtown interchange alternatives Chery/Marshall and Liberty/Main. Only ONE of the latter two interchange alternatives will be selected as the primary interchange serving downtown Winston-Salem.

## Progreso alrededor de las Alternativas de Diseño

Las ideas conceptuales de diseño para el Proyecto de Mejora a la Business 40 han cambiado considerablemente en los últimos dos años, hasta convertirse en lo que hoy se denomina diseño para el intercambio de Peters Creek Parkway y dos alternativas de intercambio para el centro de la ciudad, localizadas en las calles Chery/Marshall y Liberty/Main. Solamente UNA de las dos alternativas mencionadas al último será seleccionada para funcionar como el principal intercambio en el centro de Winston-Salem.

### Peters Creek Parkway Interchange

This design would include a wider Peters Creek Parkway Bridge with a new interchange. Other improvements to the project include:

- Close west on ramp at Gregory Street and Apple Street. Although the graphic shows both streets as closed, NCDOT and the City have received requests from the residents and other stakeholders to keep the two streets connected.
- Decrease the interchange to a partial cloverleaf design, allowing for movements to both west and east bound traffic.
- Analyze the need for a ramp to the intersection of Peters Creek Parkway and 1st Street.

### Detalle de las Alternativas de Diseño

Este diseño incluiría un puente más ancho en Peters Creek Parkway y un nuevo intercambio. Otras mejoras al proyecto incluyen:

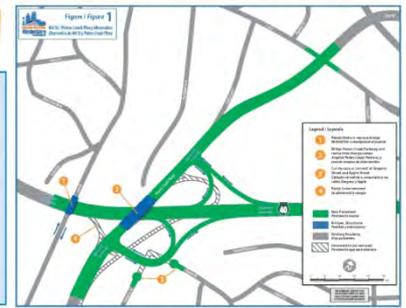
- Cerrar el acceso en sentido oeste en las calles Gregory y Apple. Aunque la gráfica muestra ambas calles como cerradas, NCDOT y la Ciudad han recibido solicitudes de residentes y otras personas involucradas para mantener conectadas ambas calles.
- Reducir el intercambio hasta convertirse en un diseño de tipo "cloverleaf" parcial, permitiendo el flujo de tráfico tanto en sentido oeste como en sentido este.
- Analizar la necesidad de realizar mejoras al intercambio en las calles Peters Creek Parkway y 1ª Street.



### Liberty / Main Interchange Alternative

This alternative will keep the one-way system of Liberty Main, which will become the primary access into downtown. Other improvements to the project include:

- Replace the South Street, Marshall Street, Chery Street, Main Street, and Church Street bridge.
- Replace the bridge on Spruce at East Braddock Avenue.
- Replace the bridge on West Braddock Avenue.
- Replace the bridge on Spruce at East Braddock Avenue.
- Replace the bridge on Spruce at West Braddock Avenue.
- Replace the bridge on Spruce at East Braddock Avenue.
- Replace the bridge on Spruce at West Braddock Avenue.
- Replace the bridge on Spruce at East Braddock Avenue.
- Replace the bridge on Spruce at West Braddock Avenue.



### Chery / Marshall Interchange Alternative

This alternative includes the one-way system on Chery/Marshall. Other improvements to the project include:

- Replace the bridge on Spruce at East Braddock Avenue.
- Replace the bridge on Spruce at West Braddock Avenue.
- Replace the bridge on Spruce at East Braddock Avenue.
- Replace the bridge on Spruce at West Braddock Avenue.
- Replace the bridge on Spruce at East Braddock Avenue.
- Replace the bridge on Spruce at West Braddock Avenue.
- Replace the bridge on Spruce at East Braddock Avenue.
- Replace the bridge on Spruce at West Braddock Avenue.



## Contact Us

### Contáctenos

If you need more information or wish to contact us:  
Si usted necesita más información o desea comunicarse con nosotros:

- E-mail/Correo electrónico: [business40@business40inc.com](mailto:business40@business40inc.com)
- Web site/Sitio web: [www.business40inc.com](http://www.business40inc.com)
- Project Office Telephone/Teléfono de la Oficina del Proyecto: 336-724-2130
- NCDOT Project Manager/NCDOT Gerente del Proyecto: Mike Peasey, Project Development Engineer, PDEA Unit, NCDOT, 1548 Mail Service Center, Raleigh, NC 27699-1548, 919-707-6006, [mpeasey@ncdot.gov](mailto:mpeasey@ncdot.gov)
- Outreach Project Manager/Gerente del Proceso de Alcance: Jannetta G. Poirer, 800 North Cameron Avenue, Winston-Salem, NC 27101, 336-724-2130, [jpoirer@business40inc.com](mailto:jpoirer@business40inc.com)



# Building the Future BUSINESS 40

EN ESPAÑOL

336.724.2130  
CALL OUR HELPLINE

Search this site...

- Home
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- Mapping
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Business 40 > Business 40

## Announcements

### Preferred Alternative Selected - Oct 3, 2014

Alternative 4 (Cherry/Marshall) selected as preferred alternative. Click [here](#) for more information.

### Noise Wall Meeting - Nov 13, 2014

An informational meeting about the proposed noise walls for the project was held on November 13th. For details about the meeting and to review information that was presented, click [here](#).

## Welcome to the redesigned Business 40 Website

In 2007, the North Carolina Department of Transportation (NCDOT) began public involvement activities associated with the beginning of the project development studies for Business 40 (also known as US 421) from west of 4th Street to east of Church Street in Winston-Salem. Click [here](#) for a Project Map.

The project will include removing and replacing highway pavement, replacing bridges and improving ramps on to and off of Business 40. In 2011, this roadway carried approximately 73,500 vehicles per day.

Our new design is easier and faster to access. This site is continually updated to include the latest project information. Visit the [What's New](#) page to easily access upcoming meetings and most recent announcements as well as to find out the latest project information. Current project information can be found under the individual menu items while older information like previous newsletters can be found in the [archive](#) section listed on the pull down menus.

We encourage you to fill out the [Feedback Form](#) (found under the [Contact Us](#) page) and get on our mailing list. If you can't find what you are looking for or would like to request additional information, contact the Business 40 project team at 336.724.2130, or email us: [business40@business40nc.com](mailto:business40@business40nc.com).

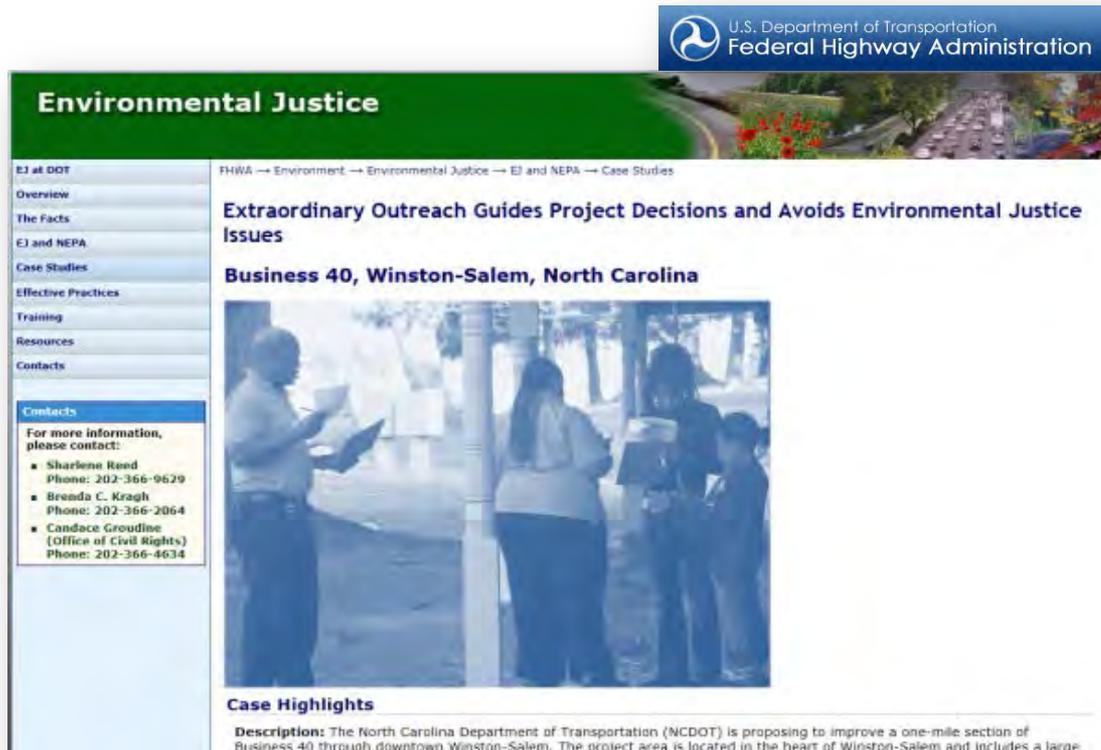
# *EXTENSIVE public outreach*

- 15 Neighborhood Meetings
- 8 Corridor Wide Meetings
- 36 Stakeholder Meetings
- 18 Working Groups
- 2 Public Hearings



# The Results...

- The Business 40 Improvement Project was chosen by FHWA as an example of “best practices” regarding Environmental Justice (EJ) in NEPA.
- Highlighted by FHWA as one of 7 projects for innovative, comprehensive approach

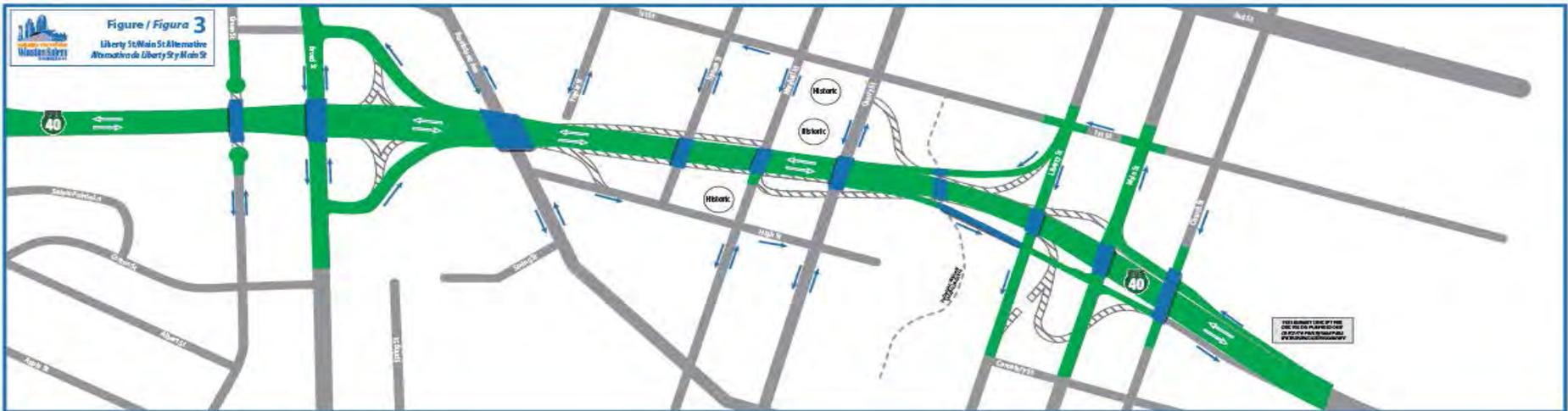
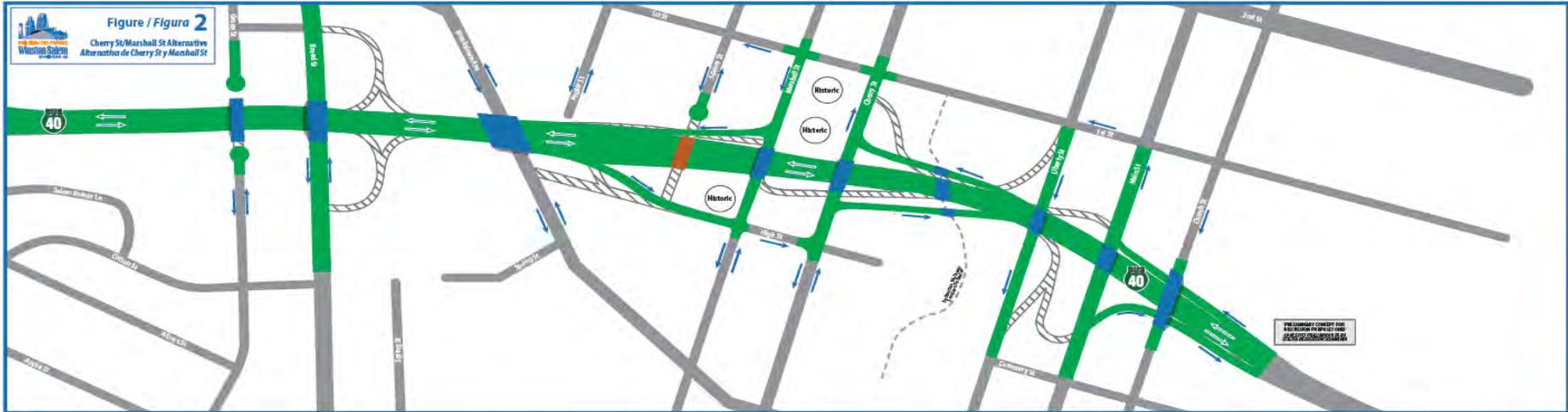


The screenshot shows a webpage from the U.S. Department of Transportation Federal Highway Administration. The page is titled "Environmental Justice" and features a navigation menu on the left with options like "Overview", "The Facts", "EJ and NEPA", "Case Studies", "Effective Practices", "Training", "Resources", and "Contacts". The main content area displays a breadcrumb trail: "FHWA → Environment → Environmental Justice → EJ and NEPA → Case Studies". The headline reads "Extraordinary Outreach Guides Project Decisions and Avoids Environmental Justice Issues" followed by the sub-headline "Business 40, Winston-Salem, North Carolina". A photograph shows a group of people, including a man in a white shirt and a woman in a white shirt, looking at documents outdoors. Below the photo is a "Case Highlights" section with a "Description" that states: "The North Carolina Department of Transportation (NCDOT) is proposing to improve a one-mile section of Business 40 through downtown Winston-Salem. The project area is located in the heart of Winston-Salem and includes a large..."

[http://www.fhwa.dot.gov/environment/environmental\\_justice/ej\\_and\\_nepa/case\\_studies/case00.cfm](http://www.fhwa.dot.gov/environment/environmental_justice/ej_and_nepa/case_studies/case00.cfm)



# Roadway Alternatives

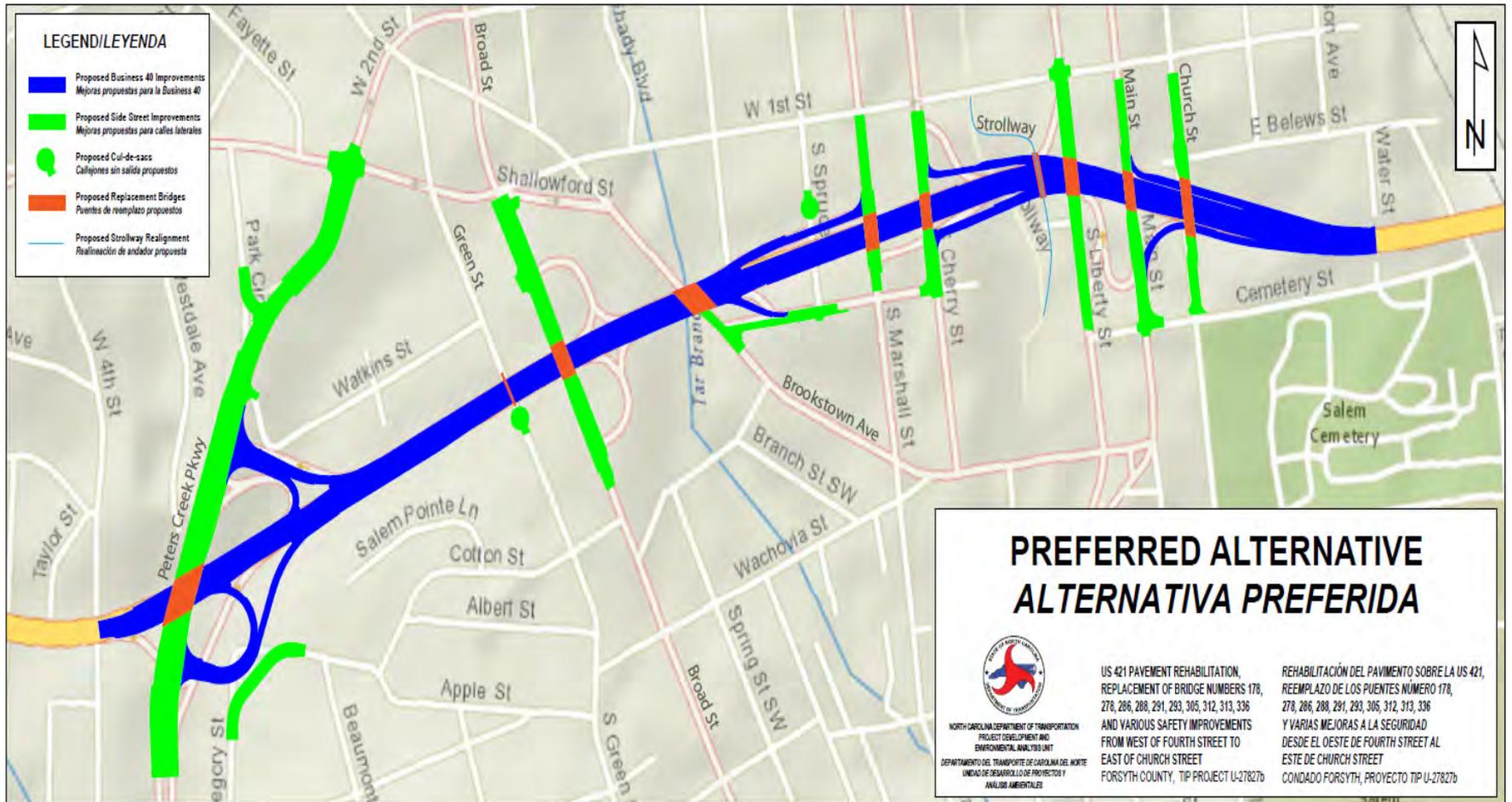


## *Two Alternatives: Liberty/Main or Cherry/Marshall*

<b>Cherry/Marshall</b>	<b>Liberty/Main</b>
<b>Close/remove Broad Street ramps</b>	<b>Reconfigure Broad Street interchange to partial interchange</b>
<b>Reconfigure High Street ramps</b>	<b>Remove High Street ramps</b>
<b>Close/remove Spruce Street bridge</b>	<b>Keep Spruce Street open</b>
<b>Close Liberty Street ramps (WB on, EB off)</b>	<b>Remove Cherry/Marshall ramps</b>



# Cherry/Marshall chosen as the Preferred Alternative



# *Community support of enhancements*



## *Parallel track towards enhancements*



Working Groups  
(Bridge and Design, Traffic,  
and Community Issues)



Creative Corridors Coalition



# *Putting the Working Groups to work*

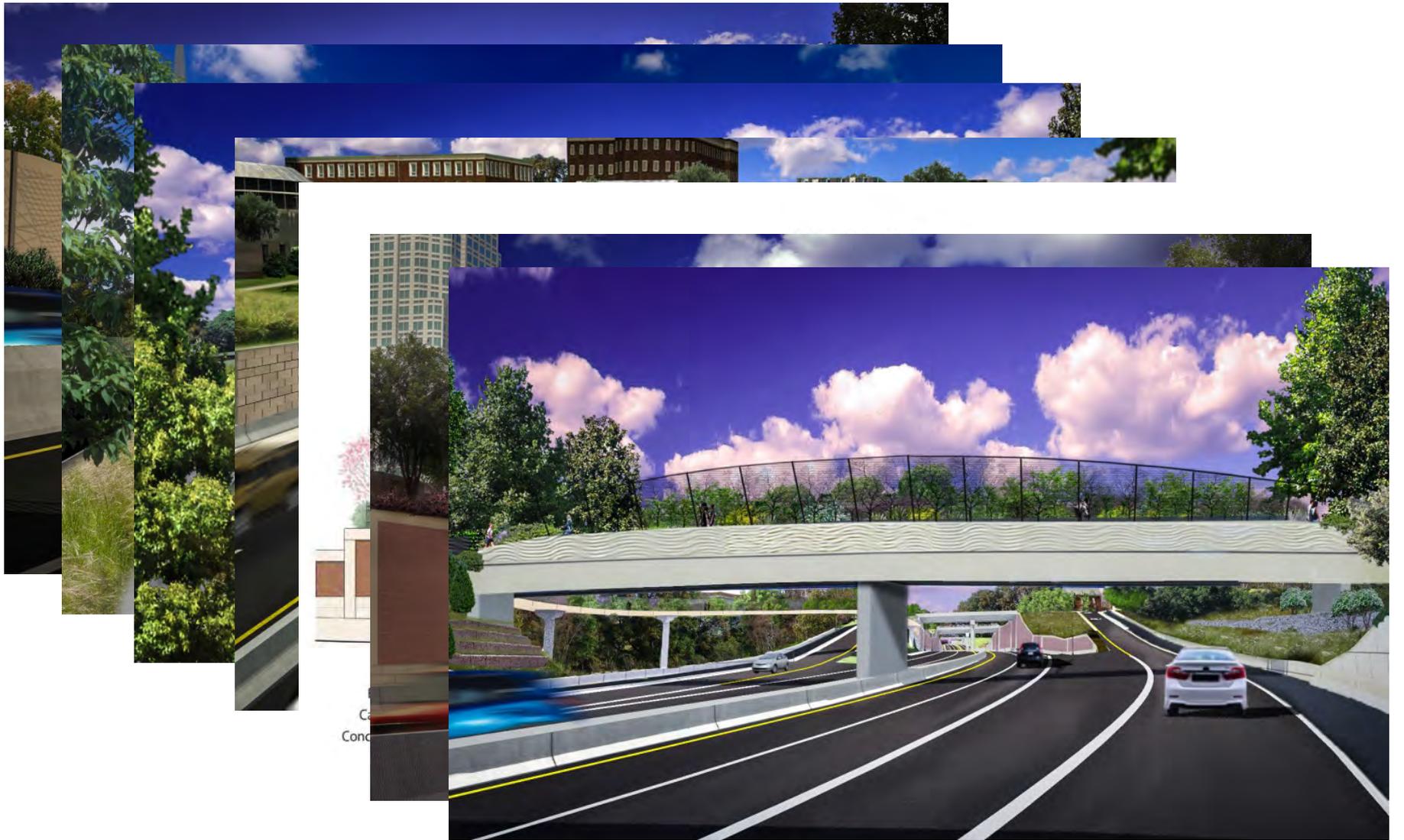


# *Creative Corridors Coalition (C3)*



## *Cohesive Aesthetics*

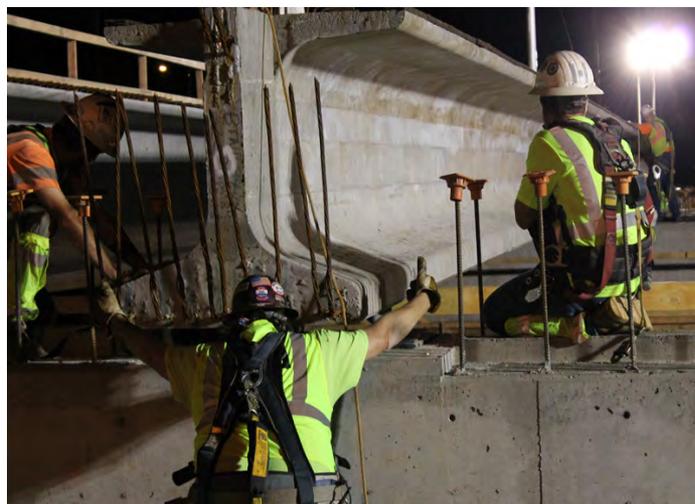
<b>Aesthetic Element</b>	<b>Cohesive Plan</b>
<b>Bridge openings</b>	Arched for Peters Creek Parkway and Church Bridges, straight for all other Bridges
<b>Bridge Rail</b>	2 - Bar horizontal rail with shallow parapet, Color green
<b>Retaining walls</b>	Stepped Brick Embedded Concrete Panels with Form-lined and Stained Walls
<b>Pedestrian Bridges</b>	Prefabricated Steel Truss Bridge with decorative treatment
<b>Bridge Lighting</b>	Low-level decorative pedestrian lighting
<b>Integration of Art on bridges</b>	Yes – end of bridges
<b>Bridge Abutment Walls</b>	Vertical-wall surface shall be used on all abutments. Match retaining walls
<b>Center Pier Wall</b>	Standard center piers
<b>Center Median</b>	Jersey barrier
<b>Sound Walls</b>	Color and pattern variation, artful design of sound wall panels. Install a clear noise wall on the Peters Creek Parkway Bridge.



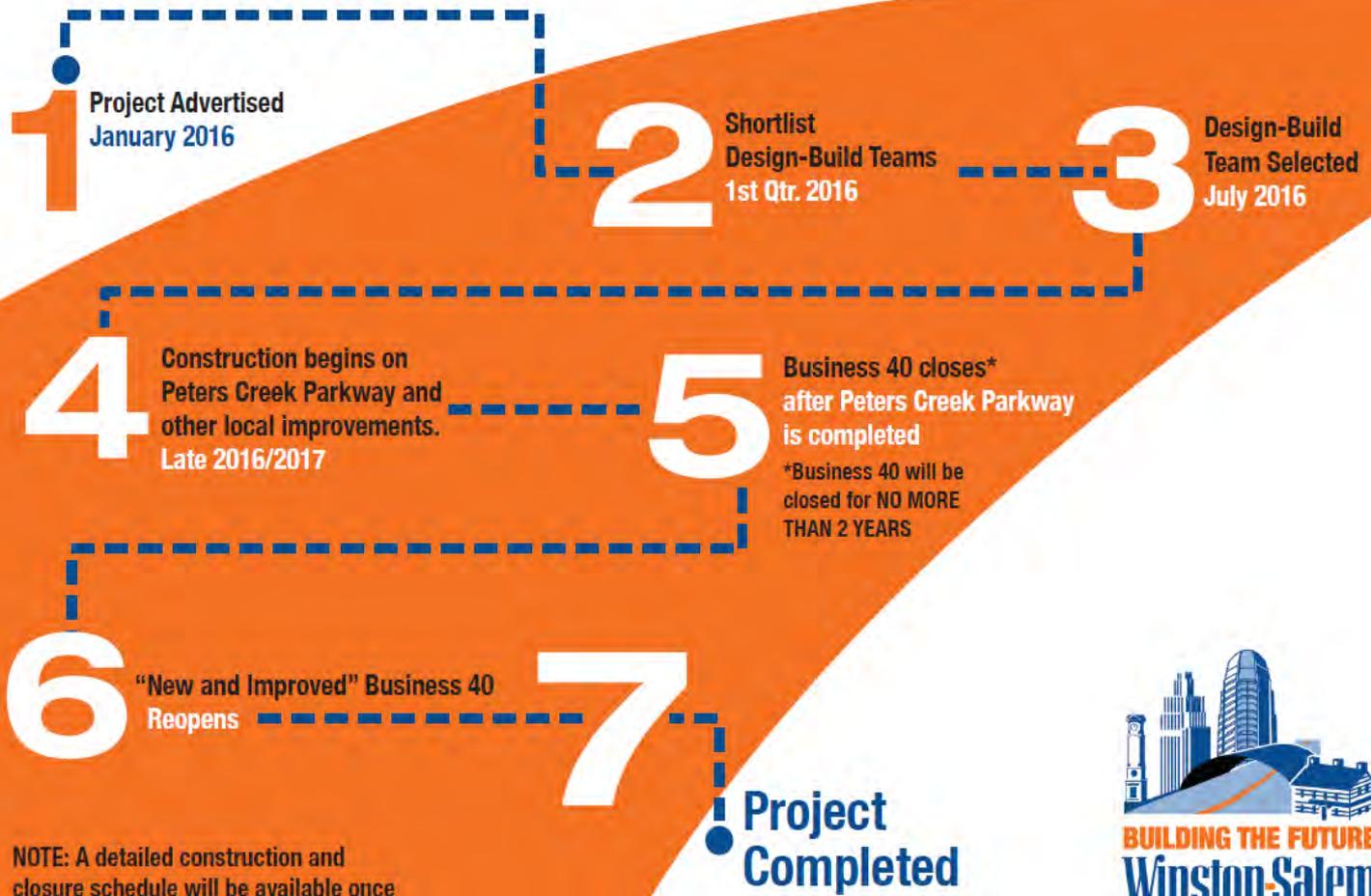
Co  
Conc



# *What now? – The Design-Build contract*



# Business 40 Design-Build Schedule



NOTE: A detailed construction and closure schedule will be available once the Design-Build Team is selected.



# Questions?





January 2016

*Guardrail End Terminals & MASH*

State Traffic Engineer J. Kevin Lacy, P.E., C.P.M.



# Agenda

- A little History
- Evolution of a product
- MASH
- Transitions between standards



# *A little History*

## **pre 1960's**

- The Department's of Transportation designed and constructed the roadways, it was the drivers responsibility to stay on the road. If you ran off the road, then you were not suppose to be there and you are on your own.

## **1960's and 1970's**

- The development of the Highway Safety Improvement Program – Roadside safety becoming more of a consideration
- The development of standardized crash testing (HRB Circular 482)
- NCHRP 153 Improved crash testing procedures increased speeds and included smaller vehicles.
- The first official document focusing attention on hazardous elements of roadside design and recommended treatments AASHTO's 1967 publication *Highway Design and Operational Practices Related to Highway Safety*.
- 1977 AASHTO *Guide For Selecting, Designing, and Locating Traffic Barriers*

**FORGIVING ROADSIDE** concept taking hold across the developed world. “Running off the road should not be a death sentence”



# *A little History*



Graphic from  
Oregon DOT

**Roadway  
Departure  
Safety**



**1980's**

- NCHRP 230 advanced roadside safety hardware testing
- AASHTO *Roadside Design Guide*



# *A little History*

## **1990's**

- NCHRP 350 Established different test levels for hardware
  - Ushered in the requirement for energy absorbing guardrail end terminals
  - Used a Pick up truck in place of a large automobile

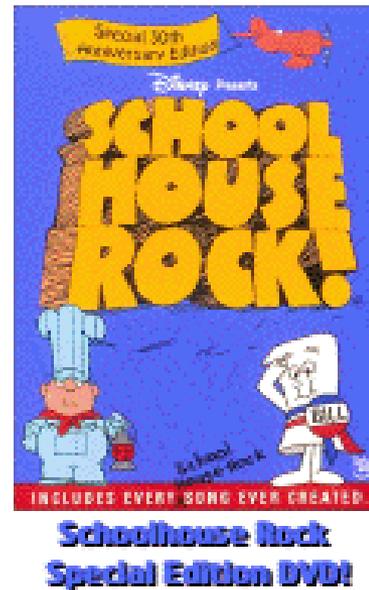
Energy is absorbed through cold rolling, cutting, controlled kinking of the actual rail. With cable barrier, energy is absorbed through the springs and elasticity of the wire.



# Why the Changes?



Mother Necessity  
With her good intentions,  
Where would this country be  
Without her inventions?

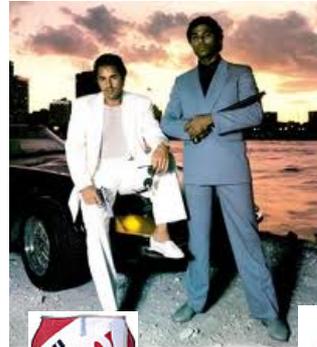


# Product Change (Improve?) Over Time

1920s/30s    1940s/50s    1960s/70s    1980s    1990s/2000s    TODAY



## “Modern” Business Models



# *Mobility and Safety are Our Commodities and Roads are one of Our Products*



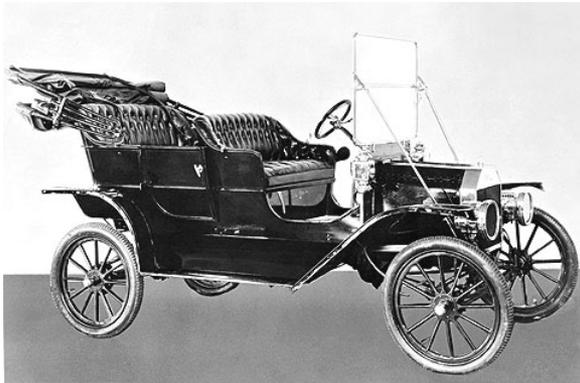
*Connecting people, products,  
and places safely and  
efficiently with customer focus,  
accountability and  
environmental sensitivity to  
enhance the economy and  
vitality of North Carolina*



# 1920s/30s Cars and Roads

1930 fatal rate 21.83 fatalities/100MVM

1920s/30s



The Vehicle

GENERAL MOTORS



The Roadway



# 1960s/70s Cars and Roads

1965 fatal rate 6.89 fatalities/100MVM

1920s/30s    1940s/50s    1960s/70s



**The Vehicle**

**The Roadway**



# Today's Cars and Roads

2014 fatal rate 1.19 fatalities/100MVM

1920s/30s    1940s/50s    1960s/70s    1980s    1990s/2000s    TODAY



**The Vehicle**



**The Roadway**



*MASH?*



**NOT the TV Show**

But:

**Manual**  
for  
**Assessing**  
**Safety**  
**Hardware**



# MASH

The next step in the evolution and improvement of roadside safety hardware. Not yet a requirement, being debated and considered by AASHTO.

<i>Topic</i>	<i>NCHRP 350</i>	<i>MASH</i>
Small car test vehicle	820C vehicle (1,800 lbs.)	1100C vehicle (2,420 lbs.)
Small car impact angle	20 degrees	25 degrees
Light truck test vehicle	2000P vehicle (4,400 lbs.)	2270P vehicle (5,000 lbs.)
Gating terminals and crash cushion impact angle	15 degrees	5 degrees
Variable message signs and arrow board trailers	No mention	Added to TMA crash test matrix
Support structure and work zone traffic control device testing	Only small car tested	Small car and light truck tested
Windshield damage criteria	Subjective/Qualitative	Objective/Quantitative
Vehicle rebound in crash cushion tests	None	Required

Effective January 1, 2016, all new crash test for devices will be required to meet MASH testing. This includes revisions to existing products.



## *Some Positive Impacts to Mother Necessity's Change*

Fatal Rate in 1930	21.83 fatalities per 100 MVMT
Fatal Rate in 2010	1.28 fatalities per 100 MVMT

What if the fatal rate was at the 1930 levels with 2010 traffic?  
**22,534** people would have died on North Carolina's highways in 2010.

We should embrace reasonable and manageable change that helps meet our mission. Adopting MASH will help in our vision for zero deaths on our highways.



# **J. Kevin Lacy, PE, CPM**

**State Traffic Engineer**

**Transportation Mobility & Safety Division**

**919-773-2800**

**[jklacy@ncdot.gov](mailto:jklacy@ncdot.gov)**



*Questions?*





January 2016

*NCDOT Rule-making  
BOT Highways Committee*

Helen Landi / Kevin Lacy



# *The NC Administrative Code and Rule-making*

- Purpose and Authority of the Administrative Procedure Act
- Key Definitions in Rule-making
- The Rule-making Process
- Agency Rules
- Periodic Review of Rules

# *GS 150B – The Administrative Procedure Act*



# *Purpose of the Administrative Procedure Act*

## *GS 150B*

The purpose of the Administrative Procedure Act is to establish a uniform system of administrative rule-making and adjudicatory procedures for all state agencies.

These procedures ensure that the functions of rule-making, investigation, advocacy, and adjudication are not all performed by the same person in the administrative process.

The APA includes:

- Article 1                      General Provisions
- **Article 2A**                   **Rule-making**
- Article 3                      Administrative Hearings
- Article 3A                     Other Administrative Hearings
- Article 4                      Judicial Review

*Today we are focusing on Article 2A Rule-making.*

# *Authority of the Administrative Procedure Act*

## *GS 150B*

The APA applies to all state departments, agencies, and boards except those that are specifically exempted. Most exemptions are in the APA; however some are in other statutes.

DOT exemptions include but are not limited to:

- The NC Global TransPark
- The NC Ports Authority
- The Turnpike Authority
- Specific actions set out in statute as applicable

Note the following are not considered rules and are not included in rule-making as set out in GS 150B:

- Requirements, communicated to the public by the use of signs or symbols, concerning the use of public roads, bridges, ferries, buildings, or facilities.
- Scientific, architectural, or engineering standards, forms, or procedures, including design criteria and construction standards used to construct or maintain highways, bridges, or ferries.

The APA does not apply to:

- Legislative Branch
- Judicial Branch
- Local Governments

# *GS 150B – Rule-making*



# *Key Definitions in Rule-making*

**RULE** – any agency regulation, standard, or statement of general applicability that implements or interprets an enactment of the General Assembly or Congress or a regulation adopted by a federal agency or that describes the procedure or practice requirements of an agency.

- EMERGENCY RULE
- TEMPORARY RULE
- PERMENANT RULE

**RULE-MAKING** – the process of enacting a rule in compliance with procedures set out in GS 150B.

**NC ADMINISTRATIVE CODE** – The compilation of the administrative rules of approximately 26 state agencies and 50+ occupational licensing boards. NCDOT's rules are found in *NCAC Title 19A – Transportation*.

**RULEMAKING AUTHORITY** – the statute or other law granting an agency the power to adopt a rule.

**RULEMAKING AGENCY** – the agency given the authority by the General Assembly to adopt a rule. For NCDOT, the Secretary of Transportation has rule-making authority except for a few rules in which the statute directs the Board of Transportation to act as the agency.

## *Key Definitions in Rule-making*

**RULES REVIEW COMMISSION** – The Rules Review Commission (RRC) is the executive agency created and appointed by the General Assembly in 1986 and is charged with reviewing and approving rules adopted by state agencies. Five of the members are nominated by the Speaker of the House and five are nominated by the Senate President Pro-Tempore.

**NC REGISTER** – *The North Carolina Register* contains information relating to required by or affecting Chapter 150B of the General Statutes in order to provide public notice.

**PUBLIC COMMENT** – Notice and the opportunity to comment are two of the foundations on which the legitimacy of agency rules are built.

**FISCAL NOTE** – the fiscal analysis of the impacts of a proposed rule change. Rules have the force of law. They enable an agency to hold a regulated group accountable.

**ADOPT** – to take final action to create, amend, or repeal a rule.

## *Why Rules?*

Through general statutes, agencies of state government are given the power to limit what people can do, with state-sanctioned consequences, such as loss of liberty or property, if these limits are not followed.

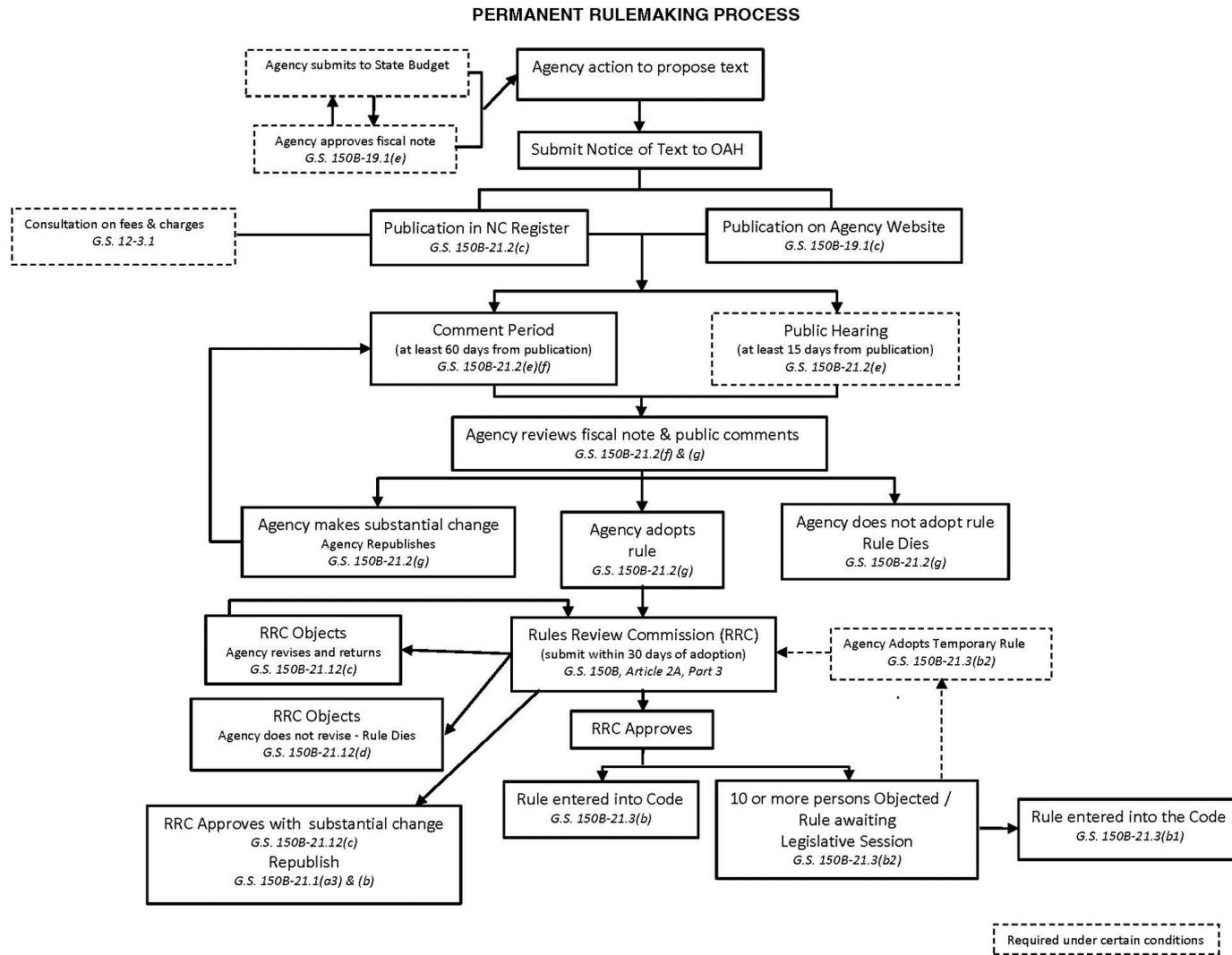
To enact rules an agency must have either an explicit grant of authority from the legislature or else its authority must be necessarily implied from other statutory duties created by the legislature.

Rules are the written form these limits take, and the text of a rule is the primary source that a court looks to when asked to enforce or to undo these limits.

So rules are the legal underpinning of most other administrative regulatory actions, such as permitting and enforcement.

*Rules have the force of law.*

# Permanent Rule-making Process



## *Why is rule-making so complicated?*

Rule-making attempts to be:

Flexible but predictable,

Technocratic but political,

Efficient but thoughtful,

Rational but inclusive of the points of view of affected persons,

Consistent but sensitive to the needs of particular policy areas, and

Precise but comprehensible to the ordinary citizen.

Rule-making is a way of turning policy into law and is inherently difficult and important.

# *NCDOT Rules*

- The North Carolina Administrative Code Title 19A Department of Transportation:
  - Chapter 1            Departmental Rules
  - Chapter 2            Division of Highways
  - Chapter 3            Division of Motor Vehicles
  - Chapter 4            Secretary of Transportation
  - Chapter 5            Administration
  - Chapter 6            Transit, Rail, and Aviation
- In addition, the agency is responsible for complying to rules set out in other Titles of the code.

*We regulate and we are regulated.*

# *GS 150B-21.3A Periodic Review and Expiration of Existing Rules*



## *Periodic Review of Rules*

Prior to the 2013 legislative session, there was no expiration date for rules.

Per GS 150B-21.3A, passed during the 2013 legislative session, all rules adopted pursuant to G.S. 150B Article 2A will be reviewed every 10 years to make sure the rules are still necessary, within the agency's authority, and address programs that still exist.

The schedule for the review is set by the Rules Review Commission.

If an agency does not conduct the review in the timeframe required by the Commission, then the rules will automatically expire and be removed from the code.

# *Periodic Review of Rules*

The process requires the agency to review each rule and designate it as:

## Necessary with Substantive Public Interest

Any rule for which the agency has received public comments within the last two years, or

Any rule that affects the property interest of the regulated public and the agency knows or suspects any person may object to the rule.

## Necessary without substantive Public Interest

A rule for which the agency has not received a public comment concerning the rule within the past two years.

A rule that merely identifies information that is readily available to the public.

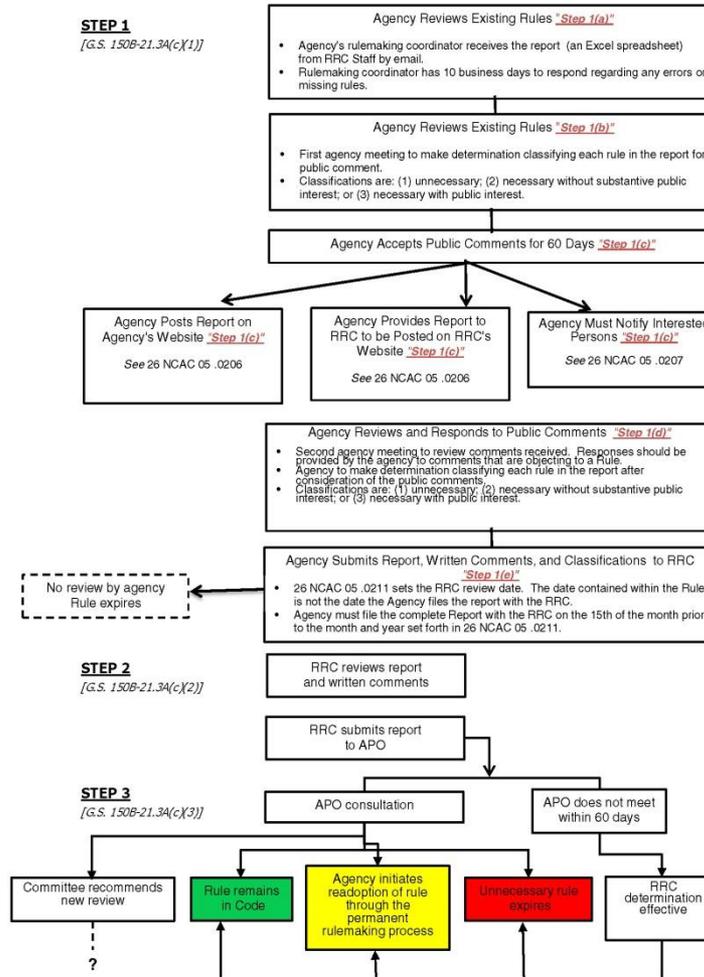
## Unnecessary

A rule that the agency determines to be obsolete, redundant, or otherwise not needed.

In addition, the agency must state whether the rule is necessary to implement or conform to federal law and if so, submit the citation.

# Periodic Review Process

## Periodic Review and Expiration of Existing Rules



## *Periodic Review of Rules*

The agency is then required to post the report with the designations on the agency website and the Office of Administrative Hearings website.

The agency must accept public comments on the designations for at least 60 days.

The agency must acknowledge every comment.

Following the comment period and after reviewing the comments the agency may decide to change the designation. If so, the agency will state the new designation in the proper column on the report.

The report and all public comments received, will be forwarded to the Rules Review Commission.

## *Periodic Review of Rules*

The Commission will review the report and all public comments received.

The Commission will submit the final report to the Administrative Procedure Oversight committee for consultation.

If the APO agrees with the designations any rule deemed:

“Unnecessary” will come out of the Code without further agency action.

“Necessary without Substantive Public Interest” will stay in the Code as written.

“Necessary with Substantive Public Interest” must be readopted pursuant to GS 150B.

# *Board Action*



## *Board Action For Periodic Review*

This year, NCDOT is assigned to review and assign designations to the rules in Chapter Two – Division of Highways.

The Board of Transportation is the rule-making authority for:  
TODS Program (eight rules)

Logo Program Fees (one rule)

Ferry Toll Rates (two rules)

# *Board Action For Periodic Review*

- January: The BOT committees will designate the rules as either:
- Necessary with Substantive Public Interest
  - Necessary without Substantive Public Interest
  - Unnecessary
- \*Highways Committee will review the TODS and Logo fee rules**  
Multi Modal Committee will review the Ferry rules
- February: The Board will take action on committee recommendations
- March: The designations will be posted and the agency will accept public comments for 60 days
- May/June: The Board will review any comments and take final action on designations
- July/August: The RRC and APO review Board designations
- November: Rules are either removed, readopted, or amended

# *Board Action For Periodic Review Rule Summary*

## Logo Program

- 19A NCAC 02E .0221 Logo Program Fees

The rule gives specifics regarding the signs used for the LOGO program and notes that the BOT sets the fee. The rule outlines information for paying the fee and the actions taken if the fee is not paid. In addition, the rule establishes the length of the contract and assigns responsibility for sign replacement in the event of damage or wear.

# *Board Action For Periodic Review*

## *Rule Summary*

### TODS Program

- **19A NCAC 02E .1101 Tourist-Oriented Directional Sign (TODS) Program**  
The rule defines “Tourist-Oriented Directional Sign Program” and gives contact information for requesting program information. The rule notes that applications will be accepted by the applicable Division Engineer.
- **19A NCAC 02E .1102 Definitions**  
The rule defines the following TODS terms: panel, trailblazer, attraction, substantial portion, significant interest, major portion, immediate area and residing.
- **19A NCAC 02E .1103 Location of TODS**  
The rule sets out the specifics concerning logistics, placement and maintenance of TODS signs.
- **19A NCAC 02E .1104 Eligibility for Program**  
The rule gives specifics concerning eligibility for the program, and provides information regarding the distance between the placement of the sign and the attraction/service the sign is promoting. The rule defines “tourist-oriented business” or “tourist oriented facility” and gives information on meeting the definition of “tourist-oriented business” or “tourist oriented facility”.
- **19A NCAC 02E .1105 Composition of Signs**  
The rule specifies what information may be displayed on a TODS sign panel.
- **19A NCAC 02E .1106 Fees**
  - The rule sets out the fee for each TODS panel or Trailblazer sign and gives information on when and how to pay the fee.
- **19A NCAC 02E .1107 Contracts with the Department**  
The rule sets out the terms of the program. Including sign installation, maintenance, removal and replacement, sign standards, sign locations, program applications, application terms, fees, failure to pay, failure to comply with program rules, transfer of attraction ownership, and states that the Department will not maintain a waiting list.
- **19A NCAC 02E .1108 Appeal of Decision**  
The rule sets out the process for appealing when an application is denied or a contract is terminated and signs removed, and the applicant or program participant believes the program is not being administered in accord with the rules.

# *Board Action For Periodic Review Rule Summary*

## Multi-Modal Committee Review

### Ferry Tolls

- 19A NCAC 02D .0531 Free Operations  
The rule identifies ferry routes that are not tolled.
- 19A NCAC 02D .0532 Toll Operations  
The rule lists tolls for the applicable ferry routes.

# Periodic Review Spreadsheet

Copy of 19A NCAC 02\_BOT2.xlsx - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

PivotTable Table Picture Clip Art Shapes SmartArt Screenshot Column Line Pie Bar Area Scatter Other Charts Line Column Win/Loss Slicer Hyperlink Text Box Header & Footer WordArt Signature Object Equation Symbol

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	A	B	C	D	E	F	G	H	I	J	
1	G.S. 150B-21.3A Report for 19A NCAC Chapter 02, Division of Highways										
2	Agency - Transportation, Board of Transportation										
3	Comment Period - Filled in by Agency										
4	Date Submitted to APO - Filled in by RRC staff										
5	Subchapter	Rule Section	Rule Citation	Rule Name	Date and Last Agency Action on the Rule	Agency Determination [150B-21.3A(c)(1)a]	Implements or Conforms to Federal Regulation [150B-21.3A(e)]	Federal Regulation Citation	Public Comment Received [150B-21.3A(c)(1)]	Agency Determination Following Public Comment [150B-	
7		SECTION 0500 - FERRY	19A NCAC 02D .0531	FREE OPERATIONS	Amended Eff. July 7, 2014	Select One	Select One		Select One	Select One	
8			19A NCAC 02D .0532	TOLL OPERATIONS	Amended Eff. July 7, 2014	Select One	Select One		Select One	Select One	
10		SECTION 0200 OUTDOOR	19A NCAC 02E .0221	FEES	Amended Eff. February 1, 2004	Select One	Select One		Select One	Select One	
11		SECTION 1100 - TOURIST-ORIENTED	19A NCAC 02E .1101	TOURIST-ORIENTED DIRECTIONAL SIGN (TODS) PROGRAM	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
13			19A NCAC 02E .1102	DEFINITIONS	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
14			19A NCAC 02E .1103	LOCATION OF TODS	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
15			19A NCAC 02E .1104	ELIGIBILITY FOR PROGRAM	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
16			19A NCAC 02E .1105	COMPOSITION OF FEES	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
17			19A NCAC 02E .1106	CONTRACTS WITH THE DEPARTMENT	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
18			19A NCAC 02E .1107	APPEAL OF DECISION	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
19			19A NCAC 02E .1108		Eff. August 1, 2004	Select One	Select One		Select One	Select One	
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Page 1

Admin Only Lists Public Comment Template Rules Report Rule 15A NCAC 02B .0101

Ready

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## *Staff Recommendations To Highway Committee for Periodic Review*

<b>Section</b>	<b>Rule</b>	<b>Rule Name</b>	<b>Agency Determination</b>	<b>Implements or Conforms to a Federal Regulation</b>	<b>Federal Regulation Citation</b>
<b>Logo Program</b>	19A NCAC 02E .0221	Fees			
<b>TODS Program</b>	19A NCAC 02E .1101	Tourist-Oriented Directional Sign (TODS) Program			
	19A NCAC 02E .1102	Definitions			
	19A NCAC 02E .1103	Location of TODS			
	19A NCAC 02E .1104	Eligibility for Program			
	19A NCAC 02E .1105	Composition of Signs			
	19A NCAC 02E .1106	Fees			
	19A NCAC 02E .1107	Contracts with the Department			
	19A NCAC 02E .1108	Appeal of Decision			

# *Questions*





Highways Committee | January 6, 2016

## *US 321 Widening in Blowing Rock*

Mike Pettyjohn, PE



# *Project Overview*

- Widening about four miles of U.S. 321 from two lanes to a divided four-lane highway. From Blackberry Road in Caldwell County outside the Blowing Rock town limits, through Blowing Rock and finishing just past the intersection with U.S. 221 near the Shoppes on the Parkway shopping center.
- The project is divided into two areas. Area I, which is more commercial, lies between U.S. 321 Business South and Shoppes on the Parkway within the town limits. Area II is more residential and rural, and stretches from the U.S. 321 Business south intersection toward Lenoir outside the town limits.
- Turn lanes are being added at select locations, new retaining walls are being built and the facility in Area I will have managed access.
- The project was originally awarded to Taylor & Murphy Construction Company of Asheville. However, after the company declared for bankruptcy, the project was awarded to Maymead, Inc. of Mountain City, Tenn. in March 2013.





# *Unique Features of the Project*

- Widening road on a mountain
- Widening road through historic district
- Building as many as 40 decorative retaining walls
- Extensive contract restrictions regarding road and lane closures
- Lengthy detour route when closed for blasting
- Blasting rock in business district
- Substantial duct bank for underground utilities



## *A Collaborative Project*

- NCDOT worked closely with the Blowing Rock Town Council to develop a Memorandum of Understanding to lessen the effects of the project on the community and to build a road that maintains the character of the town.
- The MOU addressed concerns such as project aesthetics, access, traffic flow and construction-related inconveniences.
- NCDOT conducted meetings with the State Historic Preservation Office, Green Park Inn, Blowing Rock Country Club and residents of the Green Park Historic District to develop a plan to mitigate the adverse effects the project may have on the district.
- Forty retaining walls are a part of this project. NCDOT has worked with the town and other stakeholders to determine appropriate aesthetic treatments for the retaining walls.



# *Mountain Construction*



# *Mountain Construction*



# *Mountain Construction*



# *Historic District*



# *Decorative Retaining Walls*



# *Communication*

- Communication element is part of the project team
- Utilizing Twitter for real time travel/project updates
- Project Information phone line gives citizens access to latest information
- Press releases sent to citizens at same time as media
- Project webpage
- Open lines of communication with town officials – Monthly updates to Council



# *Schedule*

- Project schedule impacts include:
  - Contractor Replaced by Bonding Company
  - Utility Relocations
  - Right of Way Issues
  - Weather delays
  - Plan Revisions
- Board Member Jim Palermo, Chief Engineer Mike Holder and Division Engineer Mike Pettyjohn met with a group of concerned citizens regarding the progress in June 2015.
  - Committed to having Area I substantially complete by July 2016.
  - Milestones were established with the contractor to help achieve this commitment.
  - Division 11, Construction Unit and Contractor have worked to mobilize additional crews, and reviewed construction processes to accelerate the construction.





# *Accomplishments*

- All retaining walls in Area I constructed
- Partial split of traffic in Area I
- 1.6 miles of duct bank constructed – 8 miles of conduit
- 80,000 sf of retaining walls constructed
- 2.5 miles of waterline relocated
- 44,000 tons of asphalt placed



*Questions?*





Transportation

# MULTIMODAL COMMITTEE MEETING MINUTES

DATE: 12/2/15 TIME: 11:00am LOCATION: EIC

<b>MEETING CALLED BY</b>	Andy Perkins
<b>BOARD ATTENDEES</b>	Cheryl McQueary, Jeff Sheehan, Sandra Fountain, Malcolm Fearing, Tracey Dodson, Andy Perkins, Gus Tulloss

## AGENDA TOPICS

<b>1. NOVEMBER MINUTES APPROVAL – ANDY PERKINS</b>	
<b>DISCUSSION SUMMARY</b>	Approval of November Minutes.
<b>ACTIONS TAKEN</b>	Motion to approve was made by Cheryl McQueary and seconded by Jeff Sheehan. Motion was approved.

<b>2. ITEM I-1, I-1A – DEBBIE COLLINS</b>	
<b>DISCUSSION SUMMARY</b>	Approval of Public Transportation funding items.
<b>ACTIONS TAKEN</b>	Motion to approve was made by Malcolm Fearing and seconded by Cheryl McQueary. Motion was approved.

<b>3. ITEM I-2 – PAUL WORLEY</b>	
<b>DISCUSSION SUMMARY</b>	Approval of Rail funding items.
<b>ACTIONS TAKEN</b>	Motion to approve was made by Sandra Fountain and seconded by Tracey Dodson. Motion was approved.



# MULTIMODAL COMMITTEE MEETING MINUTES

<b>4. TRANSIT UPDATE – KEITH WEATHERLY</b>	
<b>DISCUSSION SUMMARY</b>	Chinese delegation visiting in mid-December to learn more about Public Transportation and Bike & Pedestrian Divisions. Keith participated in the ribbon cutting for P&N Railroad in Gaston County.
<b>ACTIONS TAKEN</b>	. Informational

<b>5. FERRY DIVISION UPDATE – ED GOODWIN</b>	
<b>DISCUSSION SUMMARY</b>	Handed out ridership numbers. Malcolm requested the numbers for cost of sales of the Pamlico broken down in percentages that went to surplus, general funds, etc.
<b>ACTIONS TAKEN</b>	Informational

<b>6. PUBLIC TRANSPORTATION DIVISION UPDATE – DEBBIE COLLINS</b>	
<b>DISCUSSION SUMMARY</b>	Two awards were presented to two directors of transit systems for their dedicated service, Shelton Hill and Kim Angel. Presented a calendar of activities underway for the Division as well as FY2014 Operating Statistics.  Members requested to see budget numbers broken down by operating, maintenance and capital cost from each Division in the January committee meeting.
<b>ACTIONS TAKEN</b>	Informational

<b>7. AVIATION UPDATE AND PRESENTATION – BOBBY WALSTON</b>	
<b>DISCUSSION SUMMARY</b>	Launching educational campaign during the holiday season on the UAS rules and regulations.
<b>ACTIONS TAKEN</b>	Informational



# MULTIMODAL COMMITTEE MEETING MINUTES

<b>8. BIKE &amp; PEDESTRIAN DIVISION – LAUREN BLACKBURN</b>	
<b>DISCUSSION SUMMARY</b>	Watch for Me NC 2015 Campaign Summary and Active Routes to School Highlights information was handed out.
<b>ACTIONS TAKEN</b>	Informational

<b>9. RAIL DIVISION PRESENTATION – PAUL WORLEY</b>	
<b>DISCUSSION SUMMARY</b>	Rail Report handout along with the on-time performance numbers handed out. Paul Worley, Tracey Creech and Julia Casadonte presented on the Customer Service and Outreach Program with in the Rail Division.
<b>ACTIONS TAKEN</b>	Informational



# MULTIMODAL COMMITTEE AGENDA

## BOARD OF TRANSPORTATION JANUARY 6, 2016

**TIME: 10:00am**

**LOCATION: EIC**

<b>TOPIC</b>	<b>PRESENTER</b>	<b>TIME</b>
Call to Order	Andy Perkins	10:00
Approval of Minutes	Andy Perkins	10:00-10:05
Funding Items (PTD, Rail, Aviation)	Transit Directors	10:05-10:10
Transit Update	Keith Weatherly	10:10-10:15
Ferry Tolling	Ed Goodwin Shelley Blake	10:15-10:25
Rules Review	Helen Landi	10:25-10:35
Rail Funding Update	Paul Worley	10:35-10:45
Bike & Pedestrian Funding Update	Lauren Blackburn	10:45-10:55
Ferry Funding Update	Ed Goodwin	10:55-11:05
Public Transportation Funding Update Funding Study Presentation	Debbie Collins	11:05-11:35
Aviation Update Presentation	Bobby Walston	11:35-12:00



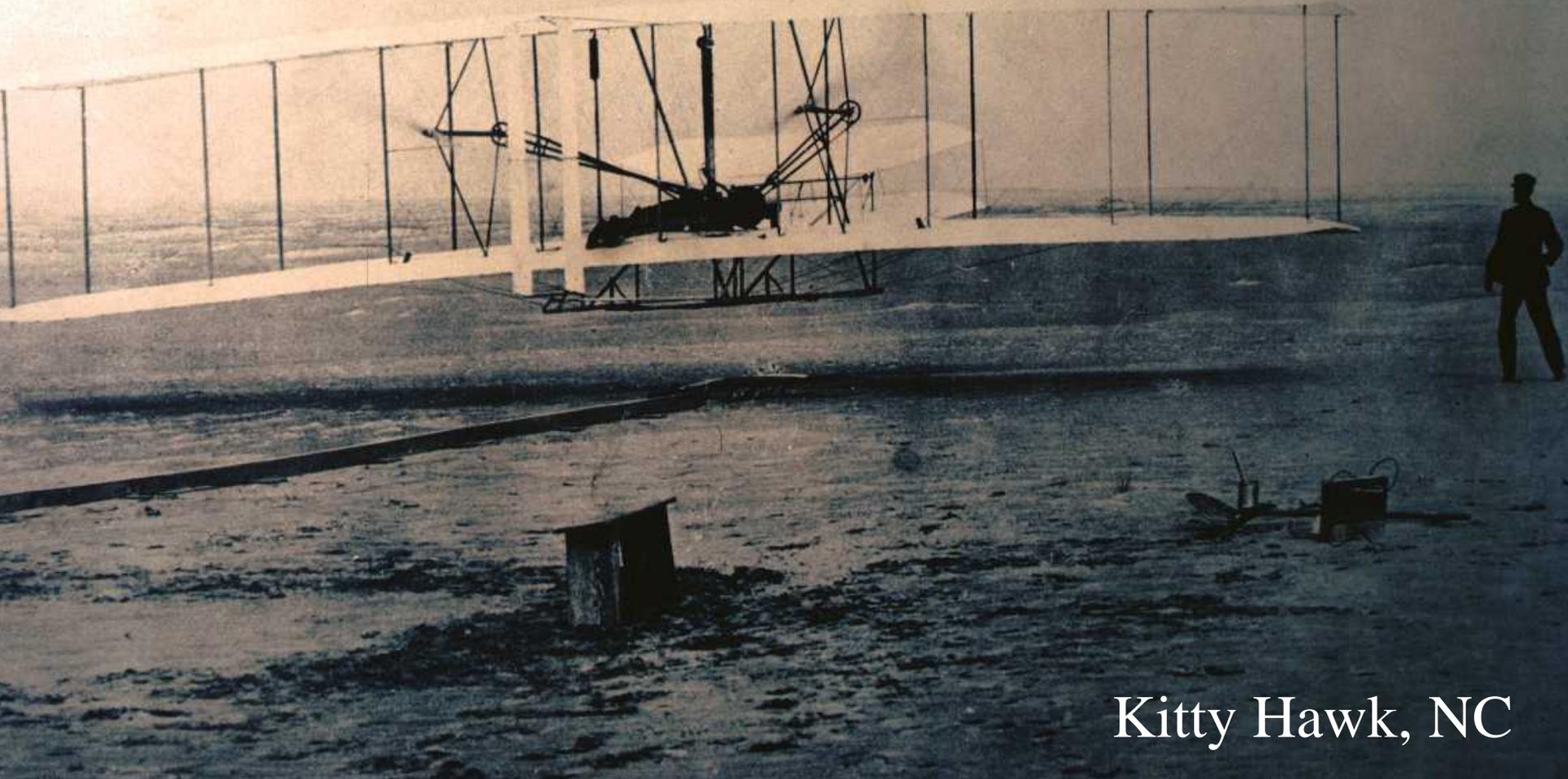
*Division of Aviation  
January 2016 Updates*

Bobby Walston, PE



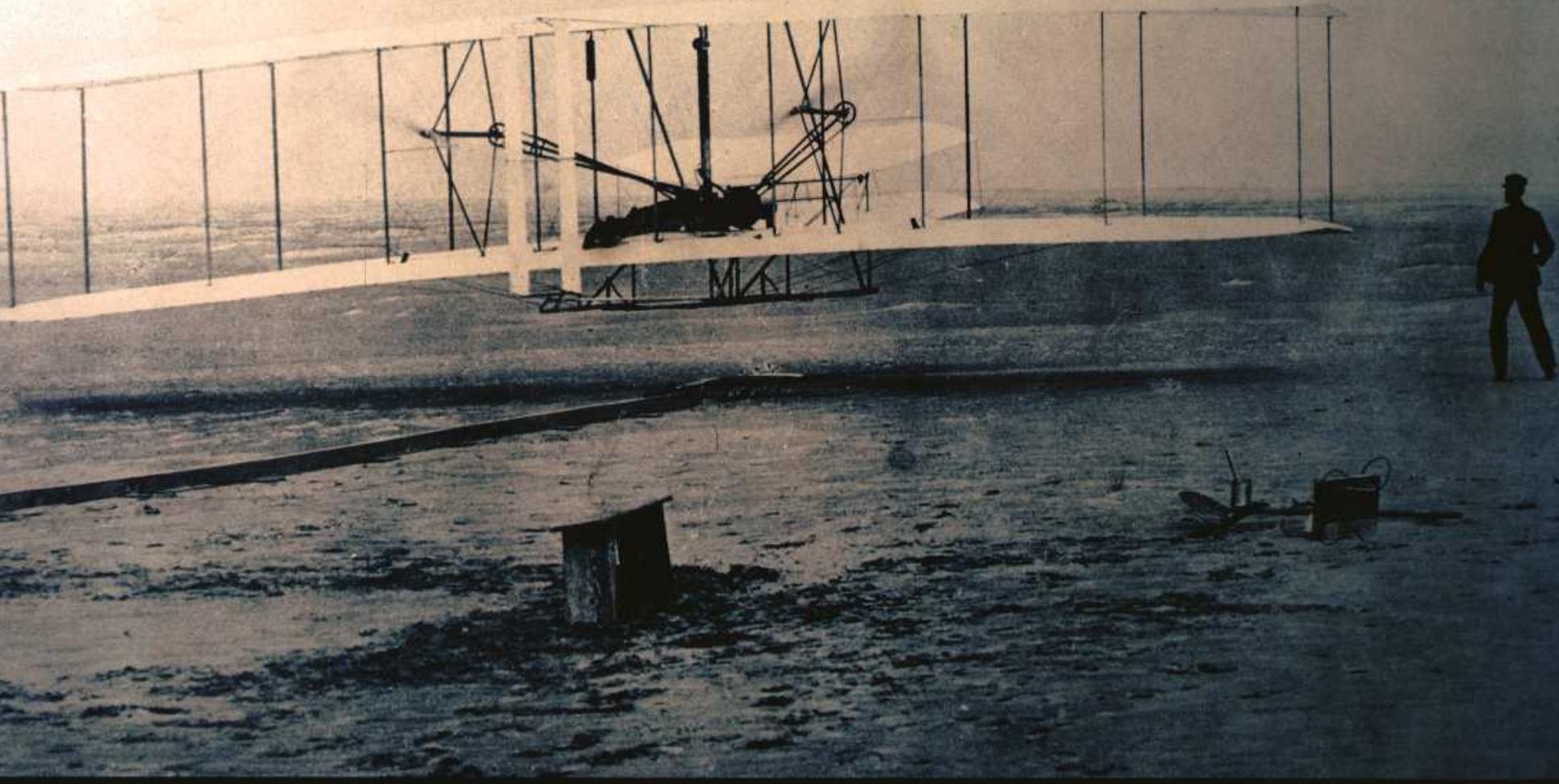
# Wright Brothers World Famous Flights

The first successful sustained powered flights in a heavier-than-air machine were made here by Wilbur and Orville Wright on December 17, 1903.



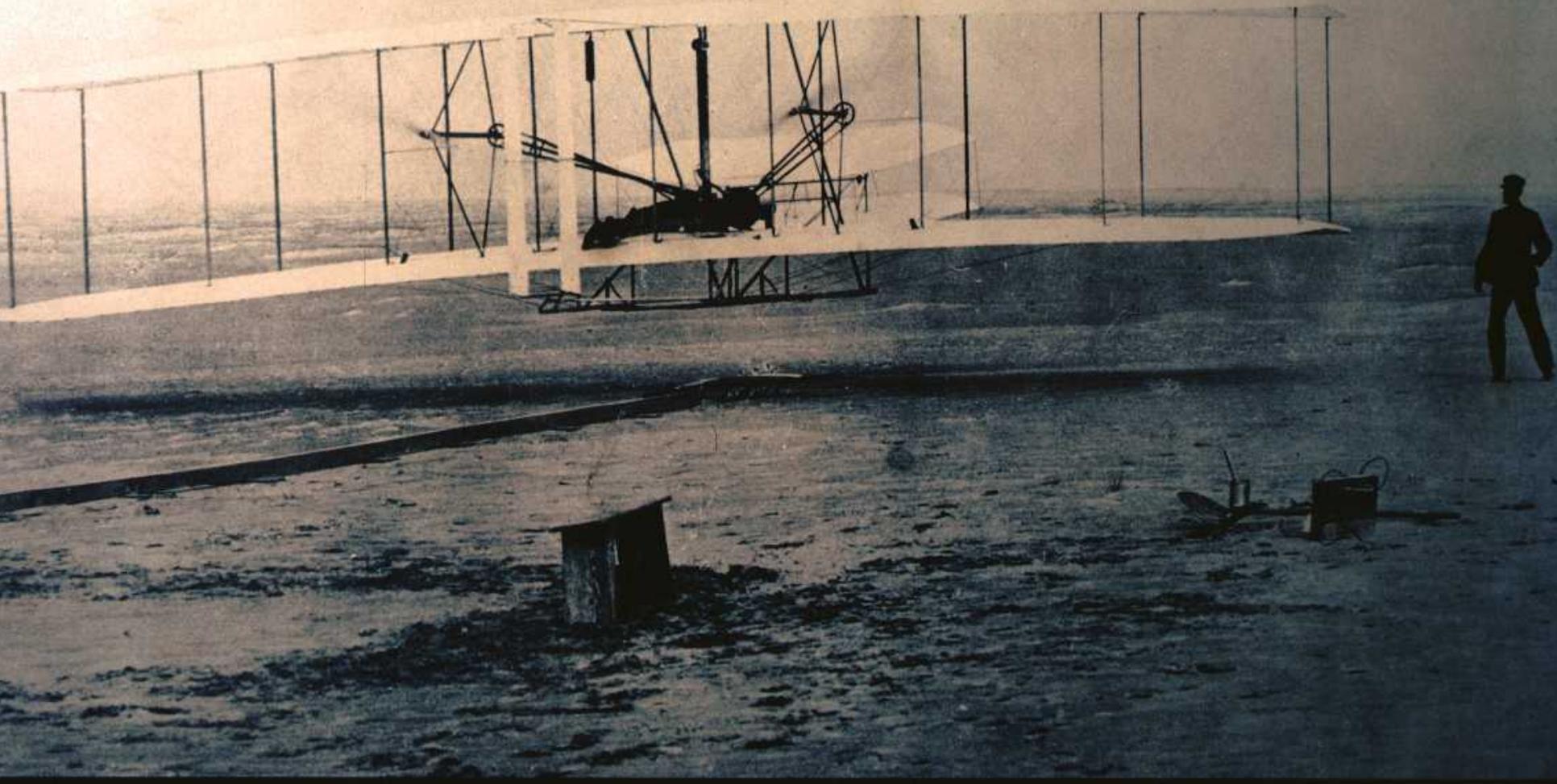
Kitty Hawk, NC

At 10:35 a.m. the Flyer lifted off the beach at Kitty Hawk for a twelve-second flight, traveling 120 feet. Three more flights were made that morning, the brothers alternating as pilot. The second and third were in the range of two hundred feet. With Wilbur at the controls, the fourth and last flight covered 852 feet in 59 seconds.



# Anniversary of Wright Brothers Flights

Only 112 Years ago!



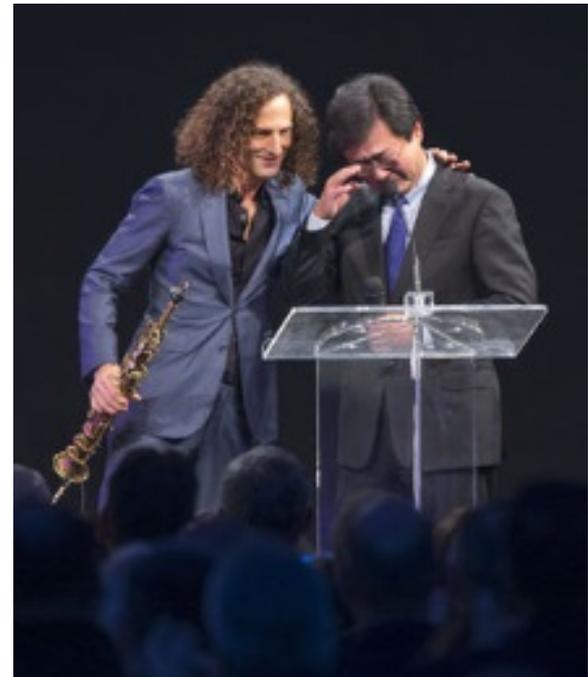
# *HondaJet*



# *HondaJet*



# *December 8, 2015 - HondaJet Receives Type Certification from Federal Aviation Administration*



# New Division of Aviation UAS Website

**NCDOT NORTH CAROLINA DEPARTMENT OF TRANSPORTATION**  
Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.

Home | About | eNewsletter | Careers | Contact | Searching for: [ ]

Business | DMV | Newsroom | Programs | Projects | Travel & Maps

Home » Division of Aviation » Operating Unmanned Aircraft Systems (UAS) in North Carolina

## Operating Unmanned Aircraft Systems (UAS) in North Carolina

**Do you know the requirements to fly a drone in North Carolina?**

Flying safely is the responsibility of every UAS operator. Download the Study Guide and learn all the rules & regulations in North Carolina.

[Download Study Guide](#)

[Start Knowledge Test](#)

**UAS Operator Permits**

A permit is required for commercial & government drone operations in North Carolina. Passing the [UAS Knowledge Test](#) is a requirement for obtaining a permit.

[Start Permitting Process](#)

**About UAS Program**

The Division of Aviation's main goal is to ensure that drones flying within North Carolina are flown safely and responsibly. [Read more...](#)

**Types of UAS Operation** Detailed information, guidelines and restrictions for drone pilots.

[Commercial](#)   [Government Operations](#)   [Recreational](#)

**Resources** Helpful documents and links.

[Downloads](#)   [FAQ](#)   [Links](#)   [News](#)

**About UAS Operations in North Carolina**

The NCDOT Division of Aviation's goal is to make sure that unmanned aircraft systems (drone) operations in North Carolina are safe and responsible.

Unmanned aircraft systems (UAS) have the potential to change the way we approach agriculture, public safety, construction and many other important industries in North Carolina. As a leader in UAS/drone implementation, the N.C. Department of Transportation aims to show how beneficial and safe this technology can be.

[Read More...](#)

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**UAS Operator Permitting**  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UAS Home Page | Division of Aviation

Business | DMV | Newsroom | Programs | Projects | Travel & Maps

Home » Division of Aviation » Unmanned Aircraft Systems » Knowledge Test & Operator Permitting

## Start Knowledge Test

**Do you know the requirements to fly a drone in North Carolina?**

Download the Study Guide to learn North Carolina's rules and regulations. Take the Knowledge Test to challenge yourself (recreational operators) or to apply for an operator permit (commercial and government operators).

[Download Study Guide](#)

[Start Knowledge Test](#)

BEFORE YOU BEGIN

### Requirements for Operator Permitting

Commercial	Government Operations	Recreational
<ul style="list-style-type: none"> <li>Obtain a <a href="#">Section 333 Exemption</a> from the Federal Aviation Administration (FAA).</li> <li>Alternatively, a <a href="#">Special Airworthiness Certificate</a> can be obtained from the FAA.</li> <li>Operator must pass the NCDOT <a href="#">UAS Knowledge Test</a>.</li> <li>Operator must have a valid Driver License.</li> <li>Operator must have a valid <a href="#">Airman Certificate</a> or a sponsor with valid Airman Certificate.</li> </ul> <p><a href="#">More Information</a></p>	<ul style="list-style-type: none"> <li>Obtain a <a href="#">Certificate of Authorization</a> from the Federal Aviation Administration (FAA).</li> <li>Approval from the North Carolina chief information officer.</li> <li>Operator must pass the NCDOT <a href="#">UAS Knowledge Test</a>.</li> <li>Operator must have a valid Driver License.</li> </ul> <p><a href="#">More Information</a></p>	<ul style="list-style-type: none"> <li>Recreational UAS/drone operators are not required to obtain a permit from the Division of Aviation.</li> </ul> <p><a href="#">More Information</a></p>

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# *STI P3.0 Project Results*



2016-2020 STIP

29 Aviation Projects

No. of Airports/ Tier	No. of Projects	Total
3 Statewide	9	\$4.5 M
4 Regional	5	\$1.5 M
15 Division	15	\$22.2M

Totaling \$28,179,000

# 2016 Airport Aid Program Project Results



## 34 Projects Selected

Planning and Design: \$ 1.1 M

Approach and Safety Areas: \$ 6.5 M

Pavement Condition/Length: \$ 17.6 M

Lighting and Navaid: \$ 3.3 M

Terminal Area: \$ 1.6 M

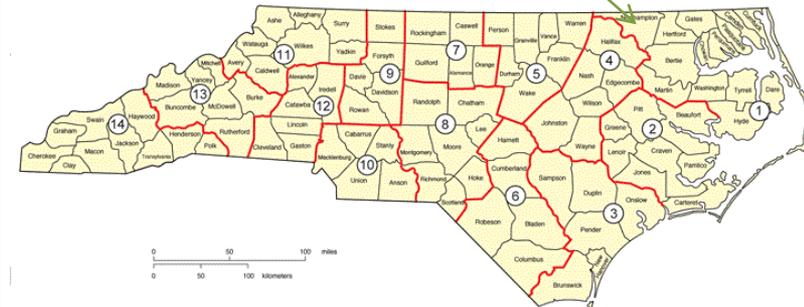
**Totaling \$30.1M**

# Halifax-Northampton Regional Airport - Approach Landing System Installation



- Halifax-Northampton Regional Airport opened in 2009, replacing an older facility. This was the final project needed to complete the new airport.
- Cost of the system was \$1.3M (federally funded).

## Northampton County Division 1



- The system, known as a “MALSR”, is a “Medium-Intensity Approach Lighting System and Runway Alignment Indicator Lights”.
- System required a “catwalk” to avoid environmentally sensitive areas.



# *Halifax-Northampton Regional Airport - Approach Landing System Installation*

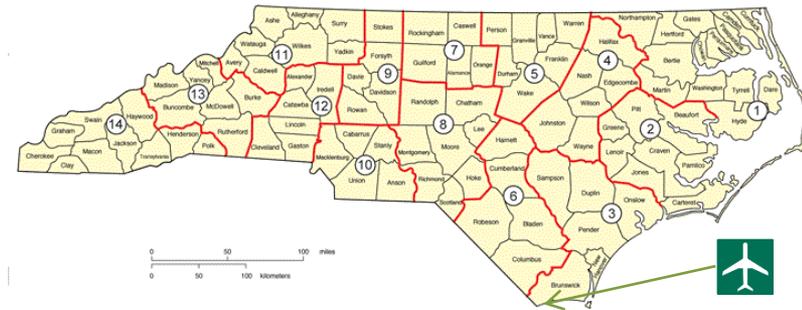


# Odell Williamson Municipal Airport - Emergency Runway Pipe Replacement



Odell Williamson Municipal Airport underwent an emergency repair to replace a runway pipe. Cost of the repair was \$355,000

## Brunswick County Division 3



- Required a two-week runway closure.
- Project finished on time despite Hurricane Joaquin rains of over 10 inches during construction.



# *Odell Williamson Municipal Airport- Emergency Runway Pipe Replacement*



# *Odell Williamson Municipal Airport - Emergency Runway Pipe Replacement*

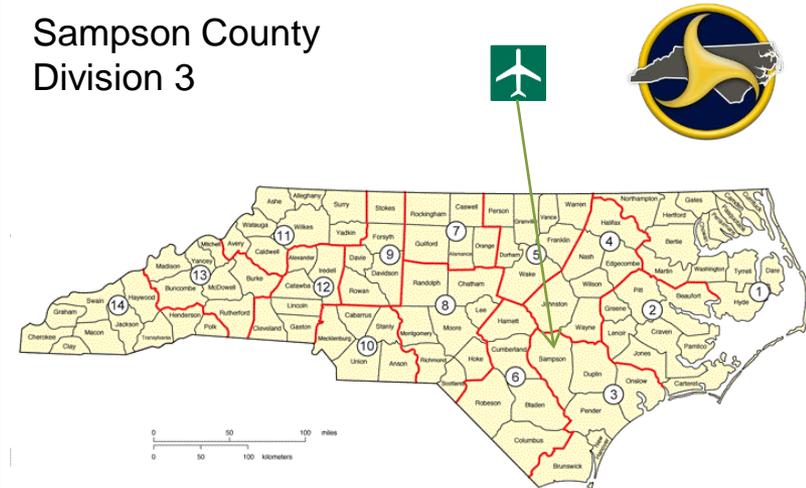


# Clinton-Sampson County Airport - Runway Maintenance



- Cost of the project was \$120,000 at 100% state funding.

## Sampson County Division 3



- Project was completed on schedule and included pavement crack seal, rejuvenation, and markings.
- Important safety improvement to assist pilots with visual landings.



# *Clinton-Sampson County Airport - Runway Maintenance - Before*



# *Clinton-Sampson County Airport - Runway Maintenance - After*

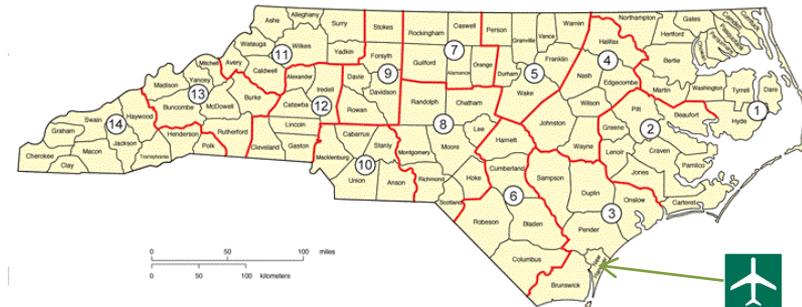


# Wilmington International Airport - Runway 24 Wildlife Hazard & Navaid Critical Area Mitigation



- Cost of the project was \$3.5M, of which \$236,000 was state funding.

## New Hanover County Division 3



- Installation of pipe system in order to remove existing ditches and canals.
- The canals were difficult to maintain and the standing water and vegetation created an airport hazard.



# *Wilmington International Airport - Runway 24 Wildlife Hazard & Navaid Critical Area Mitigation*



Ditches with  
Heavy  
Vegetation

Wetlands



*Wilmington International Airport -  
Runway 24 Wildlife Hazard &  
Navaid Critical Area Mitigation - Before*



# *Wilmington International Airport - Runway 24 Wildlife Hazard & Navaid Critical Area Mitigation - During*



*Wilmington International Airport -  
Runway 24 Wildlife Hazard &  
Navaid Critical Area Mitigation - After*



# Curtis L. Brown, Jr. Field - Comprehensive Pavement Preservation



- Cost of this project was \$200,000 at 100% state funding.

## Bladen County Division 6



- Included runway, taxiway, and apron pavement and extended the life of the pavement by an additional 5 years.
- Work included crack seal, rejuvenation, and remarking pavement.



# *Curtis L. Brown, Jr. Field - Comprehensive Pavement Preservation*



# Warren Field Airport - Concrete Slab Replacement



- Cost of this project was \$140,000 at 100% state funding.

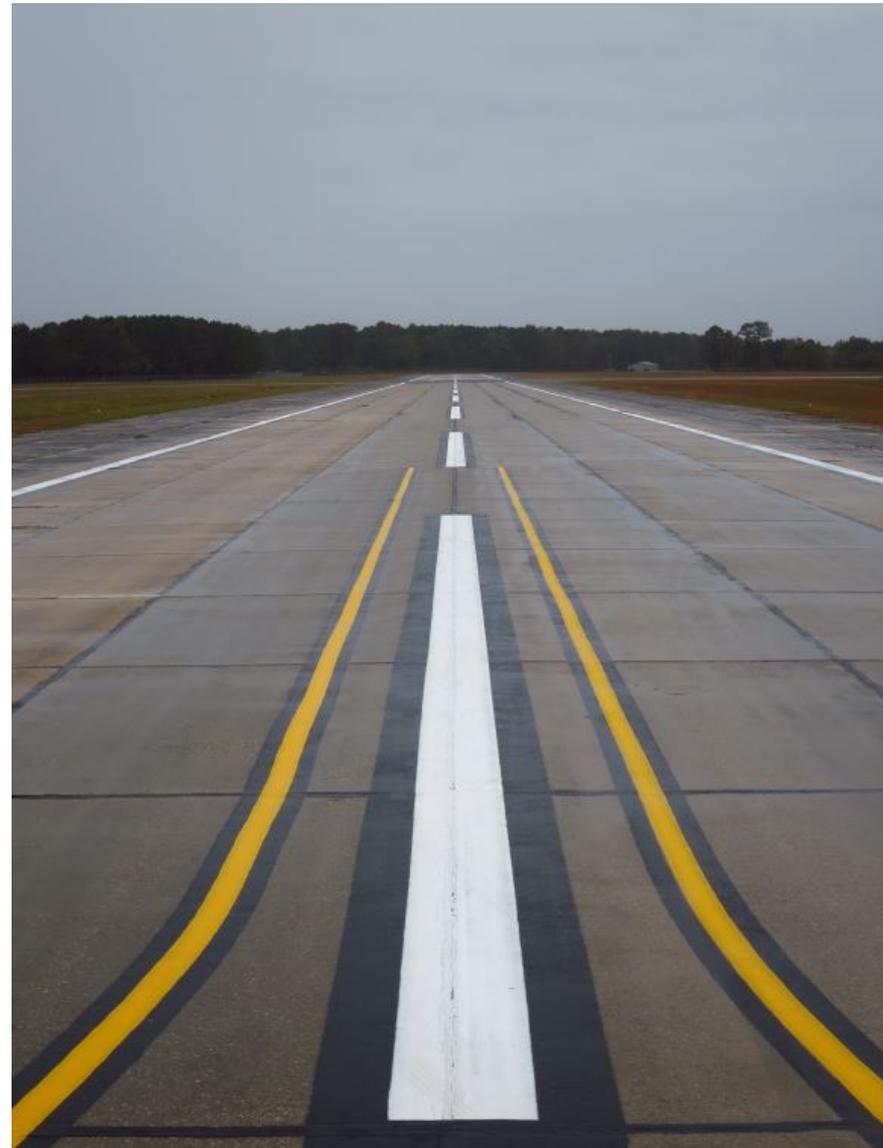
## Bladen County Division 6



- Included removal of old slab, patching, joint seal, new markings.
- This project replaced some of the original concrete runway constructed in 1942.



# *Warren Field Airport - Concrete Slab Replacement*

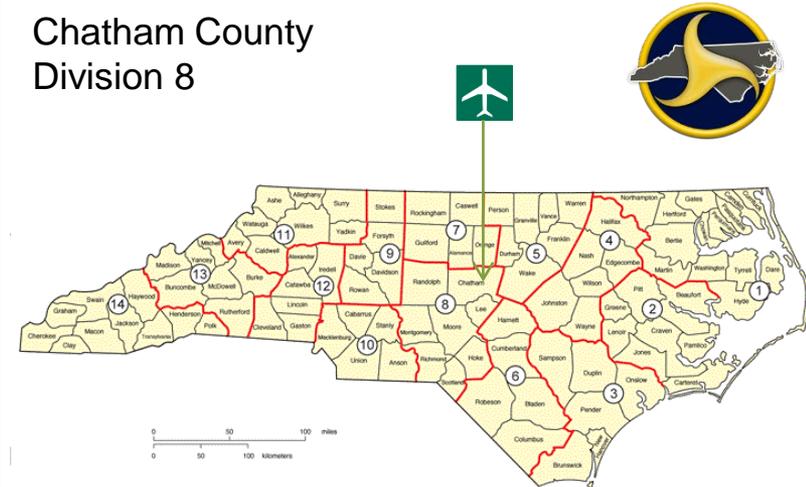


# Siler City Airport - Runway and Apron Reconstruction



- Cost of this project was \$2.85M, 90% state funding, with a 10% local match.
- The Division of Aviation biennial pavement condition report listed the runway and apron in “poor” condition in 2014.

## Chatham County Division 8



- Full-depth reclamation (FDR) was performed and all areas were repaved.
- FDR is a process that rebuilds worn out asphalt pavements by recycling. The existing pavement and sublayers are pulverized and blended together to form the new base layer.



# *Siler City Airport - Runway and Apron Reconstruction - Apron before*



*Siler City Airport -  
Runway and Apron Reconstruction - Runway before*



# *Siler City Airport - Runway and Apron Reconstruction - Apron During*



*Siler City Airport -  
Runway and Apron  
Reconstruction -  
Apron & Runway During*



# *Siler City Airport - Runway and Apron Reconstruction - Apron After*



*Siler City Airport -  
Runway and Apron Reconstruction - Runway After*

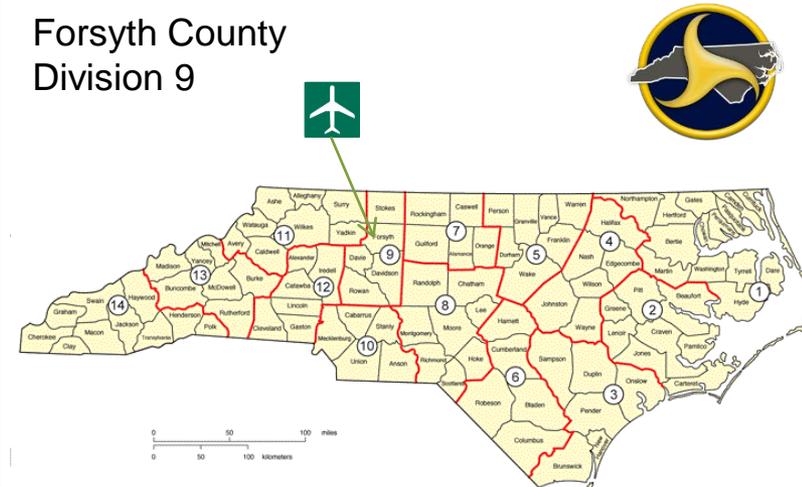


# Smith Reynolds Airport - Pavement Preservation Project

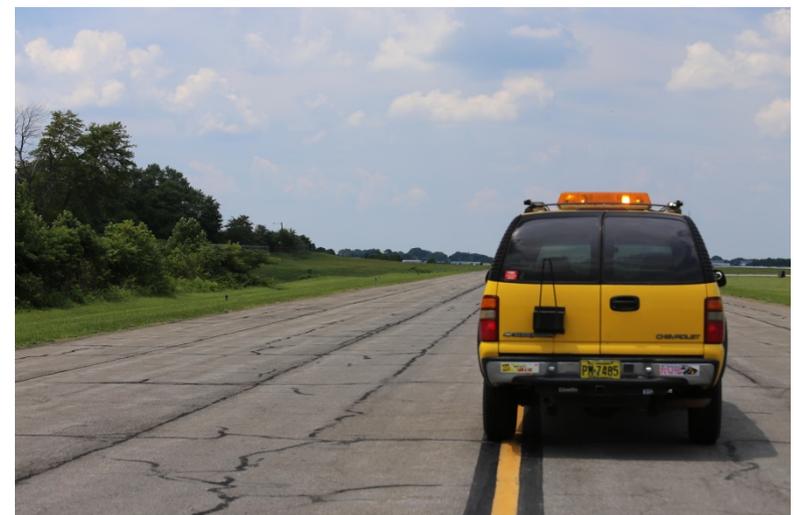


- Cost of this project was \$120,000 at 100% state funding.

## Forsyth County Division 9



- Included rubber removal, marking cleaning, new markings for the runway and taxiway.
- Project will benefit the airport for 2-3 years for rubber removal and 7 years on markings.



*Smith Reynolds Airport -  
Pavement  
Preservation  
Project - Before*



# *Smith Reynolds Airport - Pavement Preservation Project - After*



*Questions?*



# AND PEDESTRIAN DIVISION 2016 FUNDING BUDGET

Funding Type	Funding Criteria	Funding Source	Funding Match	Funding Group	2016
<b>State Planning &amp; Research Studies (SP&amp;R)</b>					
Non-Motorized Traffic Monitoring Program	Data Collection	FHWA/State	NA	TPB	\$200,000
Municipal Planning Grant Program	Planning	FHWA/State	NA	TPB	\$250,000
<b>TOTAL</b>					<b>\$ 450,000.00</b>
<b>Preliminary Engineering (\$1.0 M / year)</b>					
Statewide Bicycle/Pedestrian Program	STIP Feasibility Studies;	FHWA/State	NA	STIP	\$ 1,000,000.00
<b>State Allocation Funds / Legislative</b>					
<b>Contracted Services (Municipal/Regional Planning)</b>	SFY/ Legislative	State	N/A	Bike-Ped	<b>\$480,000</b>
<b>Administrative Budget</b>	SFY/ Legislative	State	N/A	Bike-Ped	<b>\$246,000</b>
<b>TOTAL</b>					<b>\$ 726,000.00</b>
<b>STIP</b>					
Multiple sites, locally administered projects	2016-2025 STIP	FHWA/Local	Local (20% Match)	STIP	\$50 million

# FERRY DIVISION 2016 FUNDING BUDGET

<b>Funding Type</b>	<b>Funding Criteria</b>	<b>Funding Source</b>	<b>Funding Amount</b>	<b>Funding Match</b>	<b>Funding Group</b>	<b>WBS</b>	<b>2016</b>
<b>State Planning &amp; Research Studies (SP&amp;R)</b>	Type	Federal	Federal Award	State	Source		
Pedestrian Ferry Study Hatteras - Ocracoke	Feasibility Study	SAFETEA-LU	\$400,000	\$100,000	TPB	50071.1.FD2	<b>\$500,000.00</b>
<b>TOTAL</b>							<b>\$500,000.00</b>
<b>Awarded Grants</b>	Type	Federal	Federal Award	State	Source		
ADA Compliant Kiosks	ADA	FTA	\$52,000	\$13,000	RCAP	51000.22.2.4	<b>\$65,000.00</b>
Wilmington Port Area AIS/Radar	MTSA	DHS	\$45,494	\$15,165	REIM/FER	16SP.41.2-3	<b>\$60,659.00</b>
Morehead Port Area AIS/Radar/Security Gates	MTSA	DHS	\$316,495	\$104,832	REIM/FER	16SP.41.4-6	<b>\$421,327.00</b>
<b>TOTAL</b>							<b>\$546,986.00</b>
<b>State Allocation Funds / Legislative</b>	SFY/ Legislative	State	Fund Center	N/A	Source SAP Tranx		
<b>Operation &amp; Facilities</b>	SFY/ Legislative	State	157825	N/A	ZFR02		<b>\$39,874,979.00</b>
<b>Administrative Budget</b>	SFY/ Legislative	State	157040	N/A	Y_DEV_ 38000028		<b>\$1,281,490.00</b>
<b>TOTAL</b>							<b>\$41,156,469.00</b>
<b>Continuing Projects Funded in Previous Year(s)</b>	Type	State	Federal	Funding Year	Estimated Complete	WBS	
Dredge Carolina Replacement	Construction	\$7,914,556		12 / 13	02 / 2016	43546.3	<b>\$7,914,556.00</b>
<b>STIP</b>	Type	State	Federal	Funding Year	Estimated Complete	WBS	
F-5000 Cherry Branch Welcome Center	CNST/HTF	\$1,910,000		10 / 11	Spring '16	41146.3.1	<b>\$1,910,000.00</b>
F-5003 Swan Quarter Welcome Center	Construction	\$2,770,745		10 / 11	Spring '16	41149.3.R1	<b>\$2,770,745.37</b>
F-5501 Currituck Welcome Center	CNST/FBD	\$485,668	\$1,999,350	11 / 12	Spring '16	45543.3.FD1	<b>\$2,485,018.01</b>
Acronym Legend	TPB	Transportation Planning Branch					
	ADA	Americans with Disability Act			STIP	State Transportation Improvement Program	
	FTA	Federal Transit Administration			STI	Strategic Transportation Investments	
	RCAP	Rural Capital			AIS	Automated Identification Systems	
	MTSA	Maritime Transit Security Admin.			CNST/FBD	Construction / Ferry Boat Discretionary	
	REIM/FER	Ferry funding reimbursed			CNST/HTF	Construction / Highway Trust Fund	

*It's not just how you get there, it's why you go.*



**Accountability - Responsibility - Respect**

ncferry.org

800-BY-FERRY

Real time travel info via twitter: @NCDOT\_Ferry



January 2016

**PROGRAMS AND INITIATIVES**

**Ed Goodwin—Director**

**Period Comparison**

Expenditures

November 2014 \$ 2,681,061  
 November 2015 \$ 2,775,907  
 Capital Reserves and Shipyard Revenue are not included in Period Comparison.

**Capital Reserve Credits**

November 2015 \$ 91,440  
 Vessel Replacement \$ 5,566,740\*  
 \*Through FY16 Period 5  
 Implemented FY14

**Shipyard Revenue**

November 2015 \$ 22,438  
 Yard Improvements \$ 48,374\*  
 \*Through FY16 Period 5  
 Account implemented SEP '15

DISTRICT 1, DISTRICT 2 & DISTRICT 3 PERFORMANCE SNAPSHOT						
NCDOT FERRY DIVISION NOV 2015						
Ridership: Vehicles						
	NOV 2015	NOV 15	Δ	FY16 FYTD	FY15 FYTD	Δ
DISTRICT 1	12,246	11,996	2%	147,510	154,304	-5%
DISTRICT 2	30,050	29,862	1%	199,115	211,940	-6%
DISTRICT 3	3,276	4,129	-21%	30,151	44,071	-46%
<b>TOTAL</b>	<b>45,572</b>	<b>45,987</b>	<b>-1%</b>	<b>376,776</b>	<b>410,315</b>	<b>-8%</b>

RELIABILITY: Departures	Scheduled	Missed	% Complete
NOVEMBER 2015	4,344	77	98.2%
Calendar Year to Date	58,498	2,582	95.6%

## **OTHERS FERRY ACTIVITIES IN PROGRESS:**

To expand equipment maintenance cost reporting, NCDOT Ferry will be implementing the SAP Plant Maintenance (PM) module for Ferry equipment. This accounting/maintenance design is similar to the one utilized by other DOT Equipment units. The design will enhance tracking costs specific to each vessel and the installed equipment. The PM solution for Equipment will provide additional tools for identifying and analyzing maintenance and repair trends, fluctuations in fuel consumption, and aid in repair vs. replacement decisions. Training is expected to commence during March, with full implementation by the end of this Fiscal Year.

## **DIVISION ACTIVITIES AND IN-HOUSE PROJECTS**

- **Passenger Ferry Feasibility Study is nearing completion. We anticipate having the final results early in 2016.**
- **The new dredge “Manteo” is currently being assembled at the Manns Harbor Shipyard by a subcontractor working for Dredge Supply Company (DSC). The new dredge is a pipeline dredge and it is approximately the same size as the current dredge Carolina. This dredge Manteo was primarily funded by a onetime appropriation by the General Assembly at a cost of \$7 million dollars. The dredge Manteo will have approximately 1,000 HP compared to 700HP on the Carolina. The new dredge is more technologically advanced and will allow for better data tracking and operational efficiency. We anticipate having the dredge ready to put in to service by mid-February.**
- **Hatteras Inlet dredging is 70% complete as of December 15<sup>th</sup>. We anticipate being finished with the job January 1<sup>st</sup>. The Contract price for the dredging is \$453,000. Dare county portion is \$113,000 the shallow draft user funding \$340,000.**
- **The Swan Quarter and Currituck operation buildings are nearing completion and should be ready for occupancy March 1<sup>st</sup> and May 1<sup>st</sup> respectfully. Both of these building were awarded through the FHWA Ferry Boat Discretionary Fund Grant.**



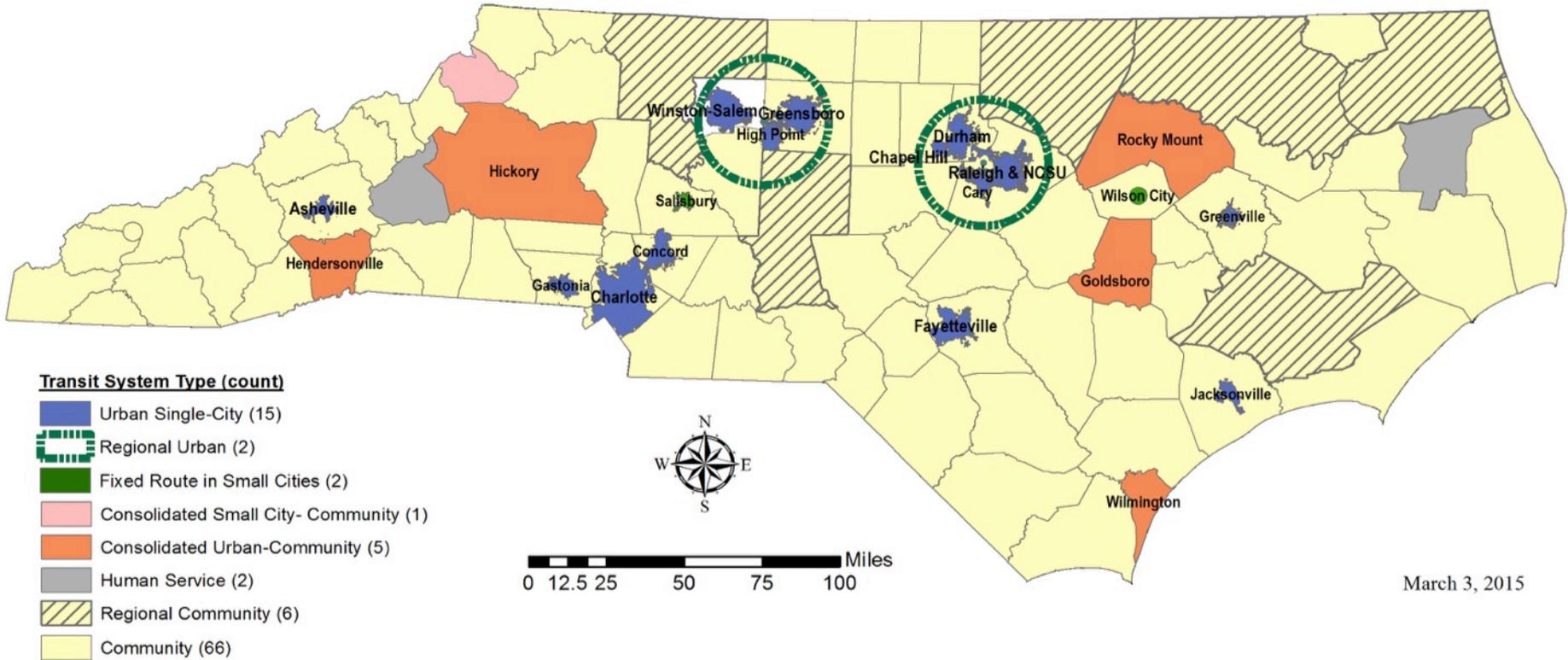
Board of Transportation

*Multimodal Committee Meeting  
Public Transportation Funding Study  
January 6, 2016*

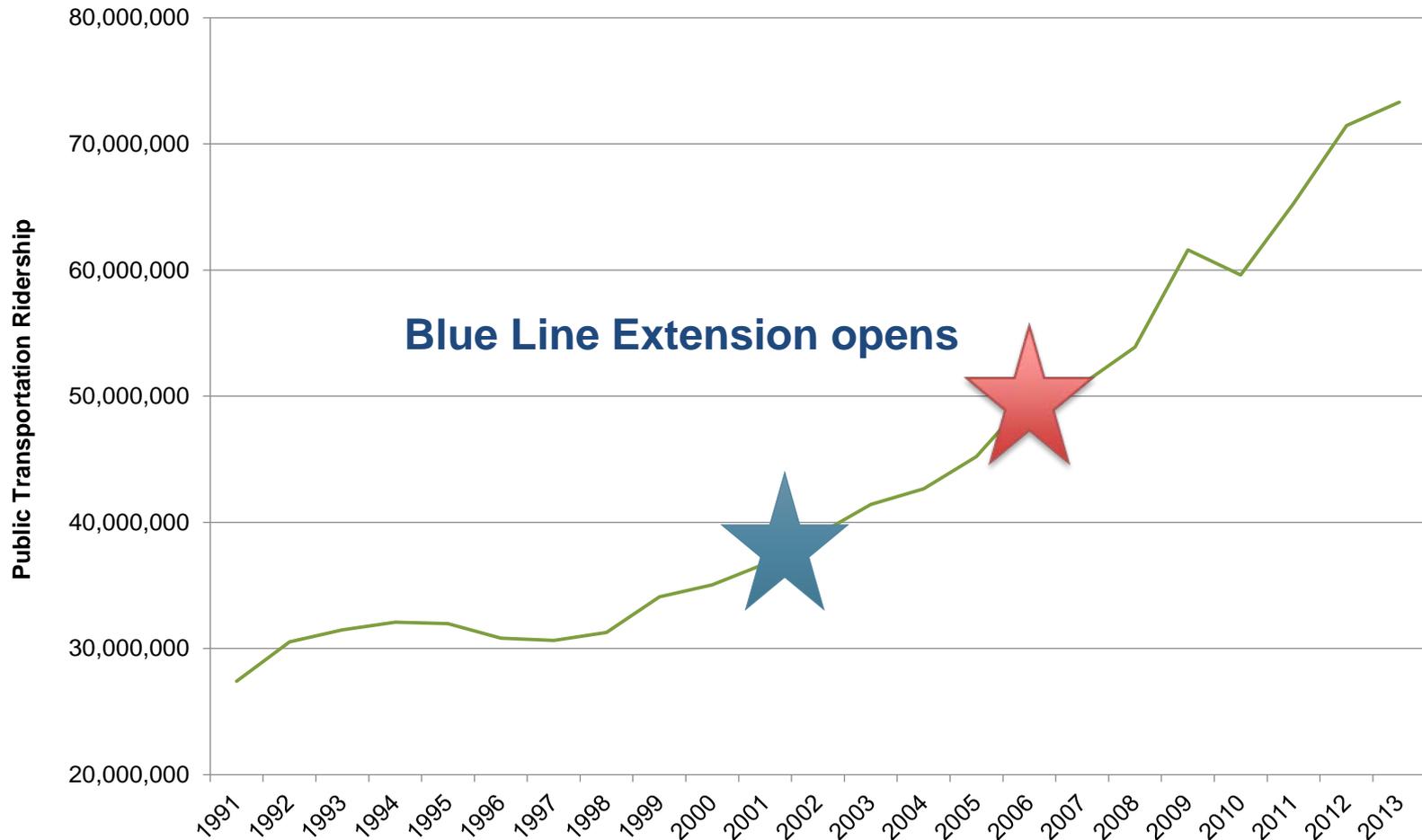
Debbie Collins



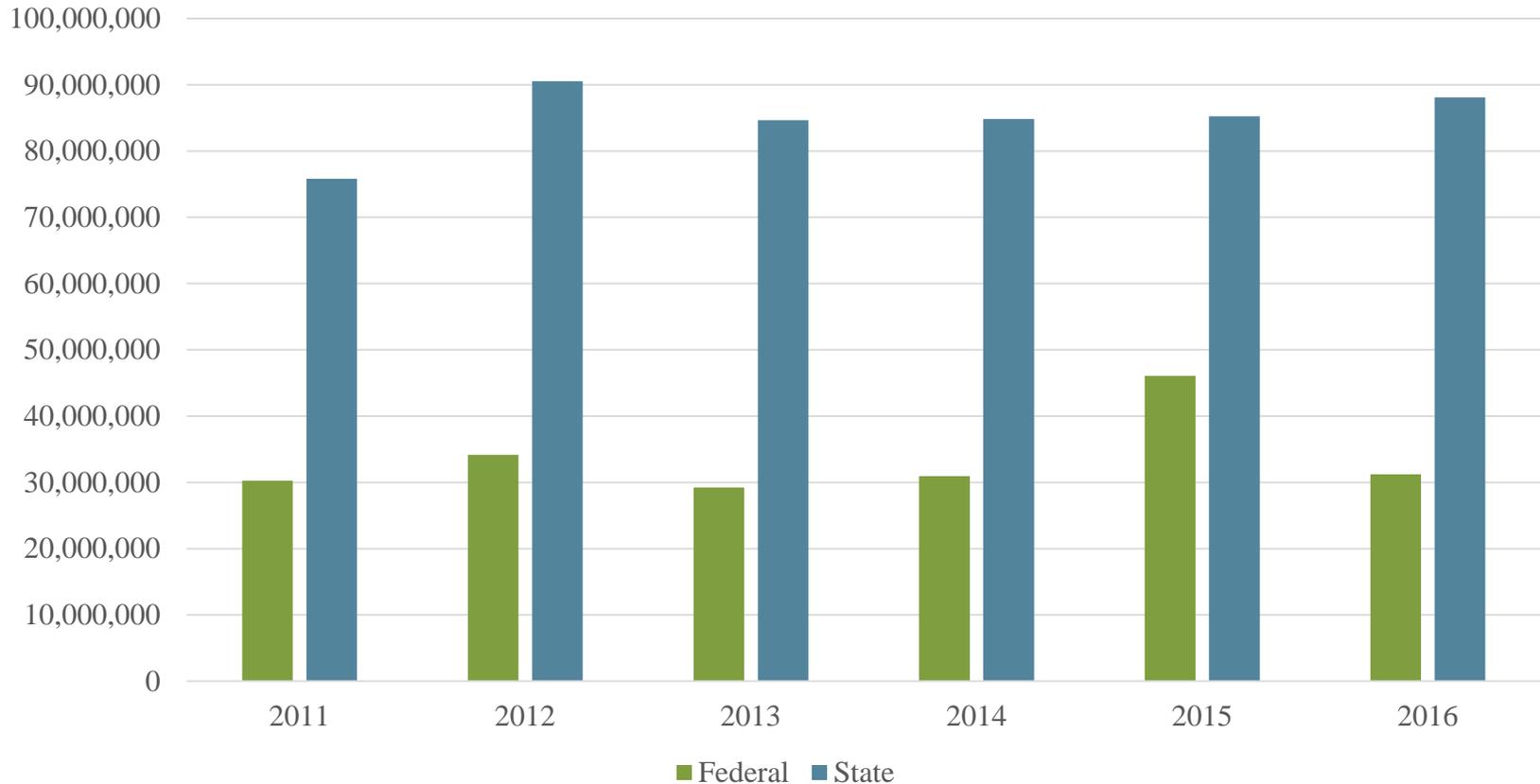
# North Carolina's Public Transportation Network



# NC Public Transit Fastest Growing in Southeast



# *Funding Managed by NCDOT: Federal and State Funded Project by Fiscal Year*



## FTA Grants Awarded to NC

FFY 13 – \$128.5 M

FFY 14 – \$300.3 M

FFY 15 – \$245.7 M



## *Federal Funding Programs*

FTA Program	Name	Period of Availability (MAP-21)
5303/ 5304	Metropolitan and Statewide Planning	Year of Apportionment plus 3
5307	Urbanized Area Formula	Year of Apportionment plus 5
5310	Enhanced Mobility of Seniors and Individuals with Disabilities Formula	Year of Apportionment plus 2
5311	Rural Area Formula	Year of Apportionment plus 2
5337*	State of Good Repair	Year of Apportionment plus 3
5329	State Safety Oversight	Year of Apportionment plus 2
5339	Bus and Bus Facilities Formula	Year of Apportionment plus 3
NEW with FAST Act	Bus and Bus Facilities Discretionary	

\* No 5337 funds flow through PTD



## *State Funding Categories*

### State Operating Assistance

- Urban (SMAP)
- Rural (ROAP)
- International Trade Show Transportation

### FTA Matching Assistance

- Administration
- Capital
- Operating
- Planning

### State Programs

- Interns & Apprentices
- Technology
- Transportation Demand Management



# Need for a Funding Study



- New funding methodology
  - PTD had frozen funding levels in certain categories since 2008
- Identify state funding needs
- Five-year financial plans
  - Division
  - Sub recipients
- Adapt to 2010 Census changes
  - NC Urbanized - Population shifted from 40% urban in 2000 to 60% urban in 2010, changing transit system classifications
  - Shift in how Federal funds flow



## *Today's Presentation Organization*

1. Funding  
Study

2. Graduation  
Analysis



# Community Transportation Funding Goals

Goals	Alt #1	Alt #2	Alt # 3	Alt #4	Alt #5
Every county gets funding	X	X	X	X	X
Equitable	X	X	X	X	X
Simplified / transparent	X	X	X	X	X
Flexible	X	X	X	X	X
Supports coordination model	X	X	X	X	X
Supports regionalism	X	X	X		X
Rewards performance	Prerequisite				
Denotes when grantees get facilities			X		



# *Funding Alternatives*

Base Case or Alternatives	Funding Program Structure	Grantee Admin Funding Allocation Method
Base Case	Reflects a sustainable level of funding under the existing program structure	Existing allocation method
Alternative 1	Prioritizes funding for grantee administration in non-urbanized areas	Fixed amount base per county + % 5311 administration funds generated by each grantee
Alternative 2	Prioritizes funding for grantee capital projects in non-urbanized areas – pick admin or operating	
Alternative 3	Provides block grants with minimum cumulative capital spending requirement	
Alternative 4	Imitates Alternative 2, but without fixed amount base funding for grantee administration	% 5311 administration funds generated by each grantee
Alternative 5	Same as Alternative 2 with performance in the allocation method; not only as a requirement	

\* There will be performance requirements in all alternatives.



## *Base Case NCDOT Budget Overview*

Grant Type (Urbanized, Non-Urbanized or Statewide)	Funding Purpose	Total Federal & State Funds for Grantees
Non-Urbanized Area Grantees	<b>Administration</b> (or operating, if a grantee opts for that and provides the required local match)	\$15,545,345
	<b>Operating</b>	\$19,085,130
	<b>Capital</b> (Vehicle Replacement and Other Capital Projects)	\$13,029,297
	<b>Other</b>	\$4,649,100
Urbanized Area Grantees	<b>Operating</b>	\$31,155,328
	<b>Capital</b>	\$4,236,470
	<b>Other</b>	\$3,714,434
All Grantees	<b>Other</b>	\$1,781,999
State Legislative Funding	<b>Capital</b>	\$26,200,000
State Direct Spending	<b>Administration and Other</b>	\$6,635,189
<b>Total</b>		<b>\$126,032,292</b>

Not affected in the alternatives

Affected in the alternatives



# *New Funding Structure for Community Transportation Systems*

- Funding is reserved for administration and operating; with a capital focus on replacement vehicles
- The formula has three tiers:
  - Base tier: a fixed amount of \$30,000 will be allocated to every county a community transportation system serves. This recognizes the administrative costs a system incurs by even the smallest county;
  - Needs tier: funding from this tier is based on the needs for community transportation. The federal formula for apportioning Section 5311 funds among states, which is based on rural population, rural land area, low-income population, and revenue vehicle miles, is adopted for funding allocation among North Carolina counties in this tier. This allocation method equitably aligns federal funding a grantee generates for the state (which is based at least in part on indicators of need for transit service funding) with the amount the grantee receives;
  - Performance tier: this last tier accounts for 10% of total 5311 and 5340 grantee administration funding. Allocation is based on performance and PTD will be working with the systems to develop the criteria.
    - *The study uses unlinked passenger trips but need to make sure this gets the desired result – so, also want to look at a performance scorecard*



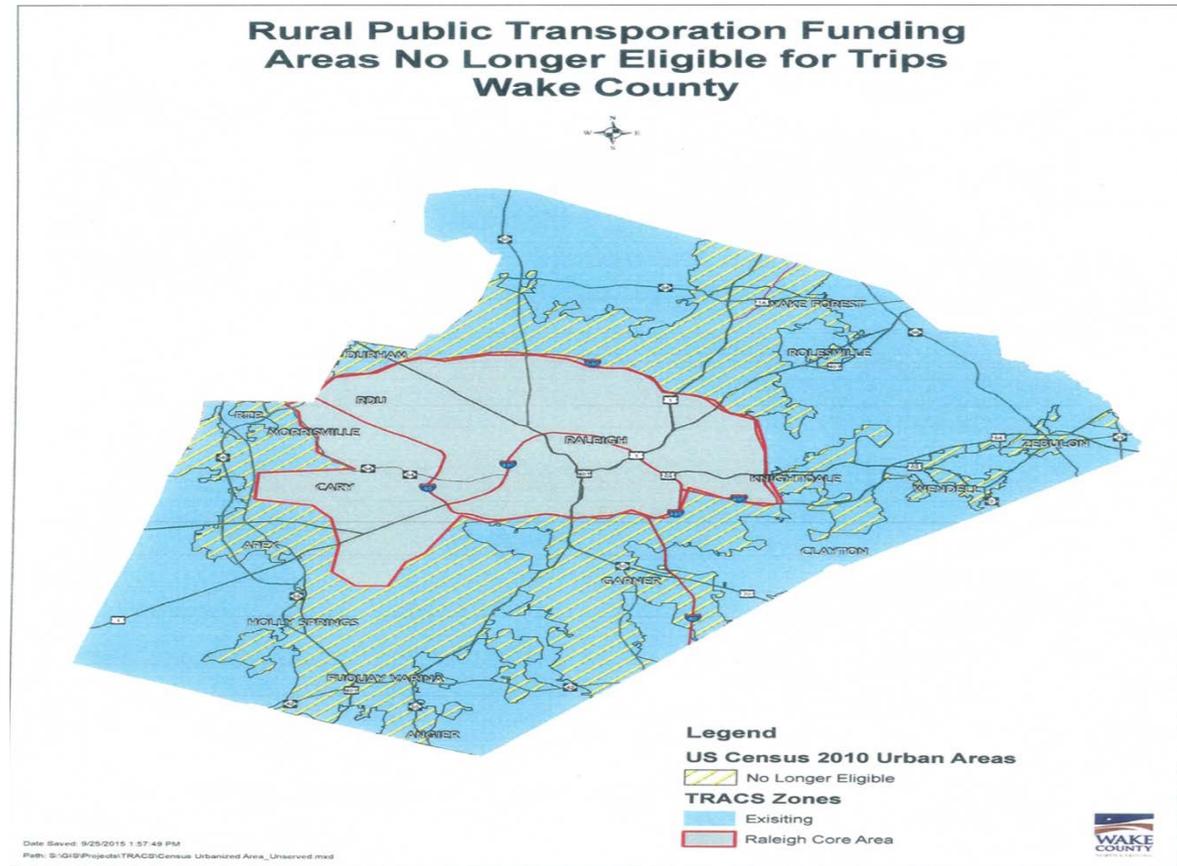
# *Funding Study Budget and Recommendations*

- 5 year budget for PTD and all of the systems
  - Transition budgets in FY 18 and FY 19
- The section 5311 formula funding will be available to grantees as either administration funding (with an 80% federal and 5% state share) or general operating funding (with a 50% federal share).
- Funding Needs Identified:
  - Operating assistance to support the current funding of consolidated and regional systems;
    - Grow to promote additional regional activities
  - Additional funding in the urban operating assistance program
    - Currently geared towards fixed route providers
    - Growing number of urban systems
  - Funding to match urban capital projects
  - Additional support for employment transportation in rural areas



# Urbanization of North Carolina

- Major federal funding shifts
  - 5307
  - 5310
  - 5311
  - 5339
- Fear of funding uncertainties
  - No changes since April 2014 discussions
- Lack of fairness in local funding decisions



**James Ritchey**  
Whitman Requardt and Associates



# *FTA Formula Program Graduation Analysis*

- FTA formula programs provided \$114.6 million in FY 2015 for North Carolina's public transportation planning, capital and operations
- The FTA formula rates differ by urbanized area size:
  - 50,000 to 199,999 persons— Governor's Apportionment / Small Urban
  - 200,000 to 999,999 persons - Large Urban
  - Greater than \$1million persons - Charlotte
- Every ten years the U.S. Census sets the urbanized area boundaries
- As communities grow they graduate from one FTA formula program to another and / or are eligible for multiple programs
- Some areas had an overall gain for formula funding while others had a decline in federal formula funding
- Some rural and human service systems that were once eligible for 5311 non-urbanized area funding have graduated and are now only eligible for 5307 urbanized area formula funding



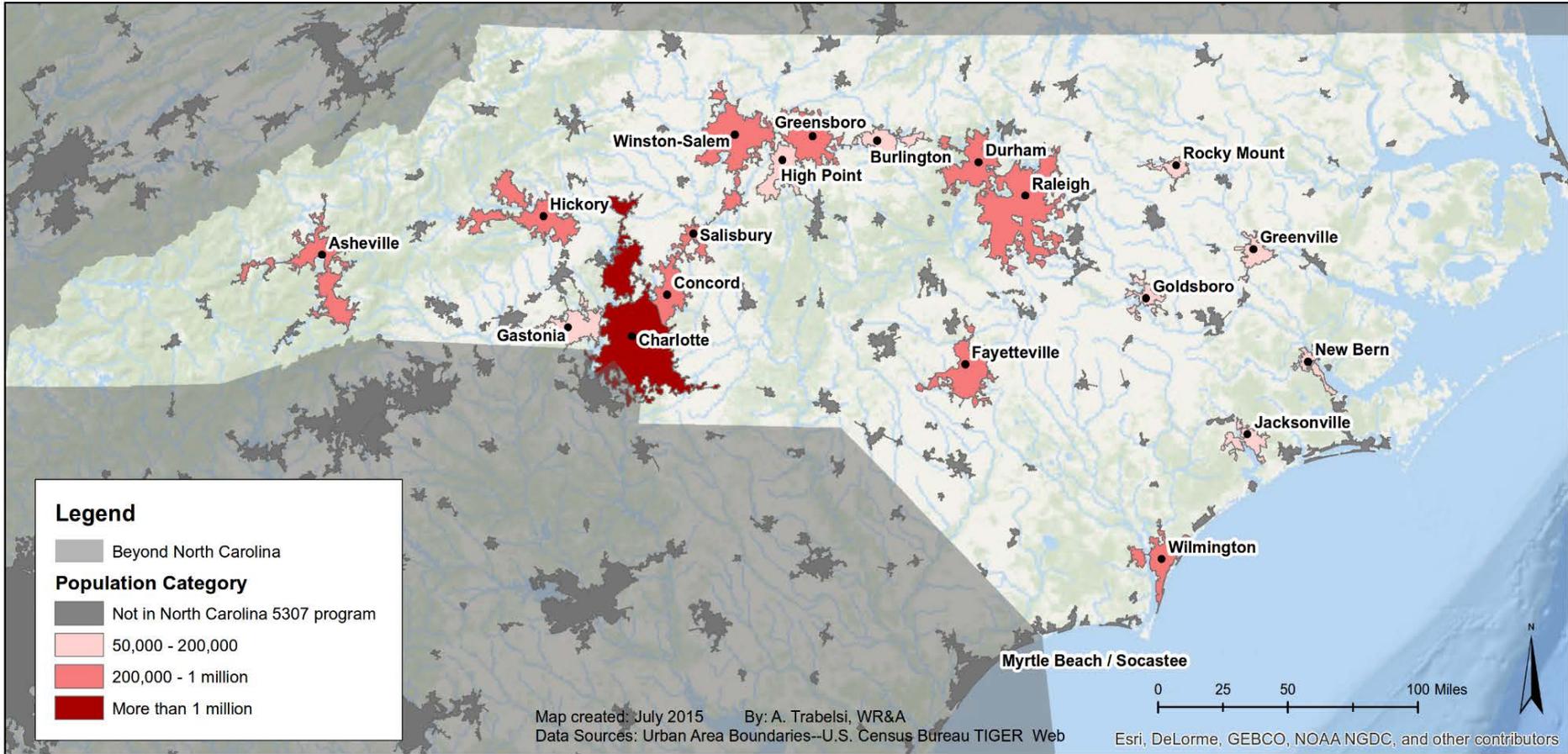
## *FTA Formula Program – FY15 N.C. Funding*

FTA Program	Title	FY15 NC Funding
5303 / 5304	Metropolitan and Statewide Planning	\$2,585,054
5310	Enhanced Mobility for Adults and People with Disabilities	\$7,304,209
5311	Non-urbanized Area Formula	\$28,252,644
5307	Urbanized Area Formula	\$66,720,821
5329	State Safety Oversight	337,354
5337*	State of Good Repair Formula (Rail)	\$896,886
5339	Bus and Bus Facilities Formula	\$8,568,265
North Carolina Federal Formula Program FY 2015 Total		\$114,665,233
Source: FTA FY 15 Apportionment Tables by Funding Program		

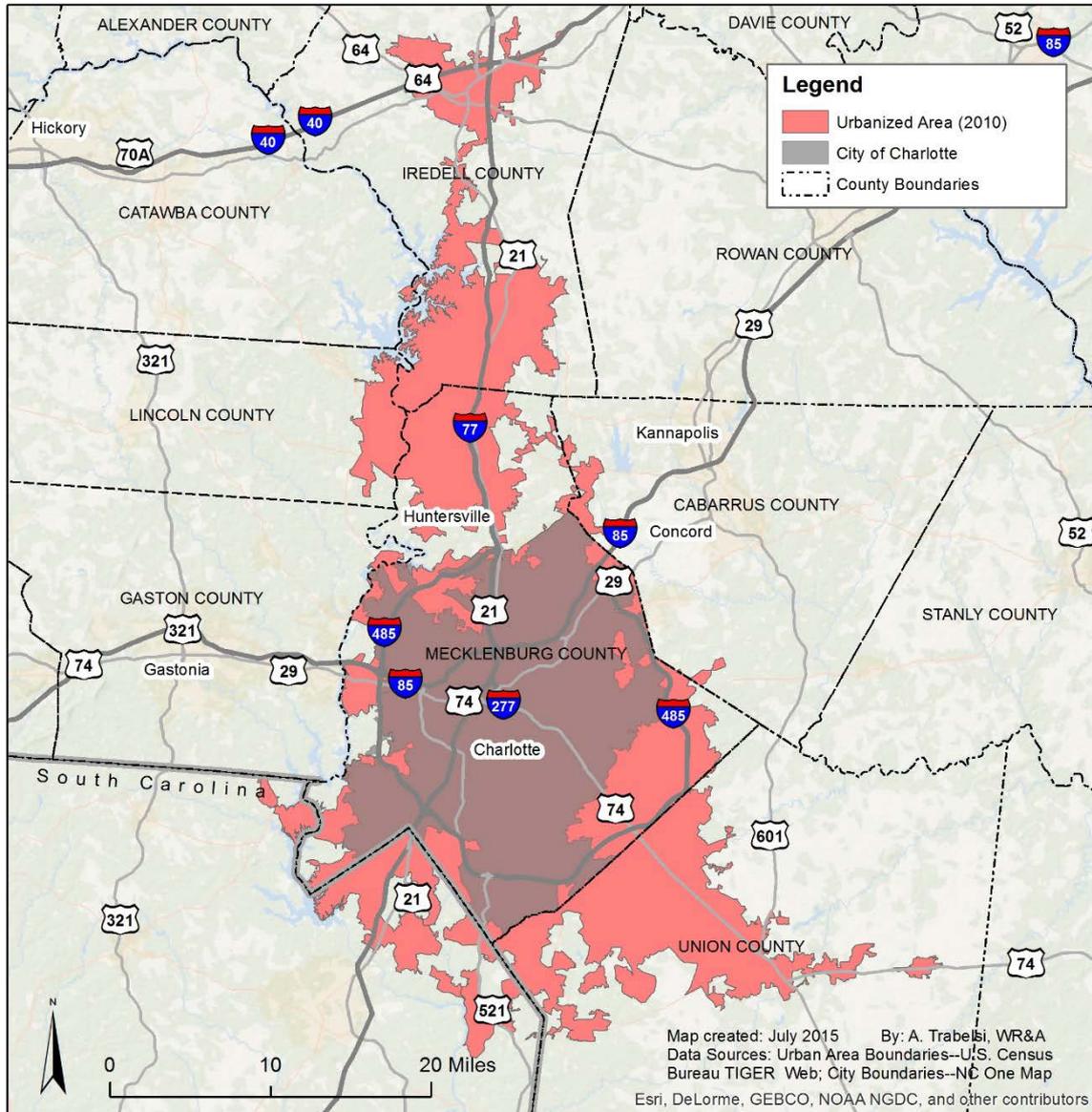
\* No 5337 funds flow through PTD



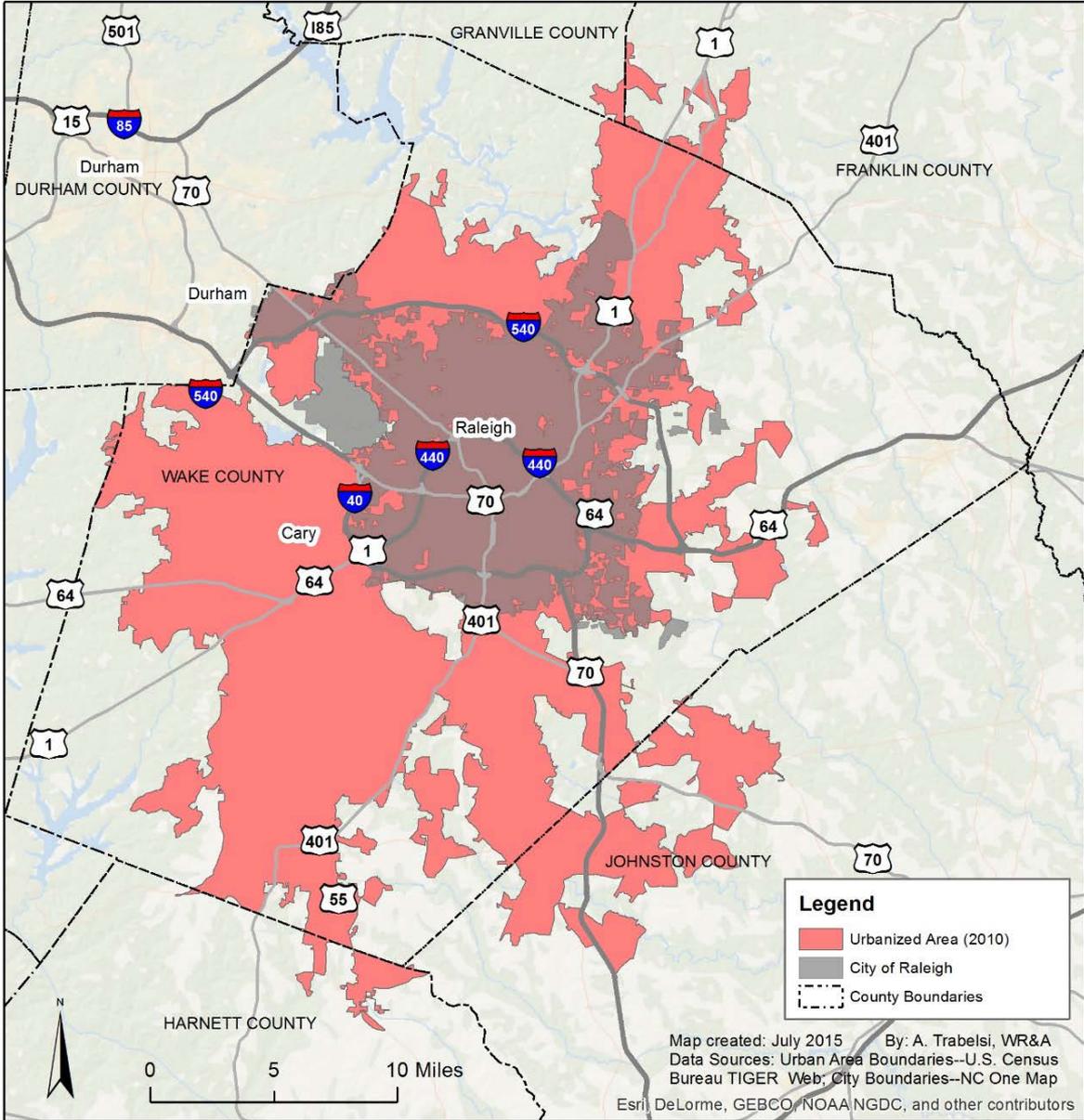
## Current 5307 Transit Funding Category--North Carolina



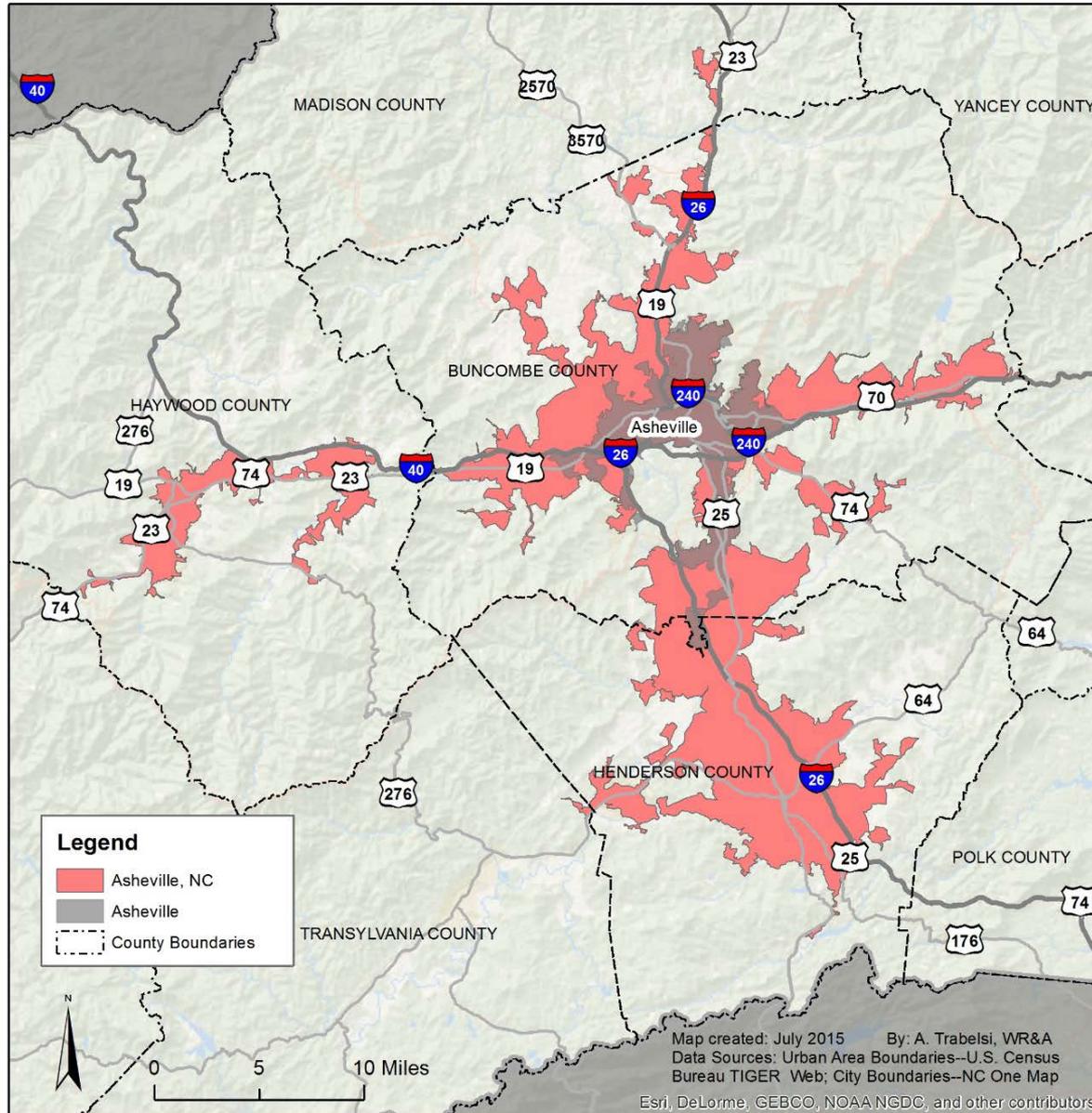
# Charlotte 2010 Urbanized Area



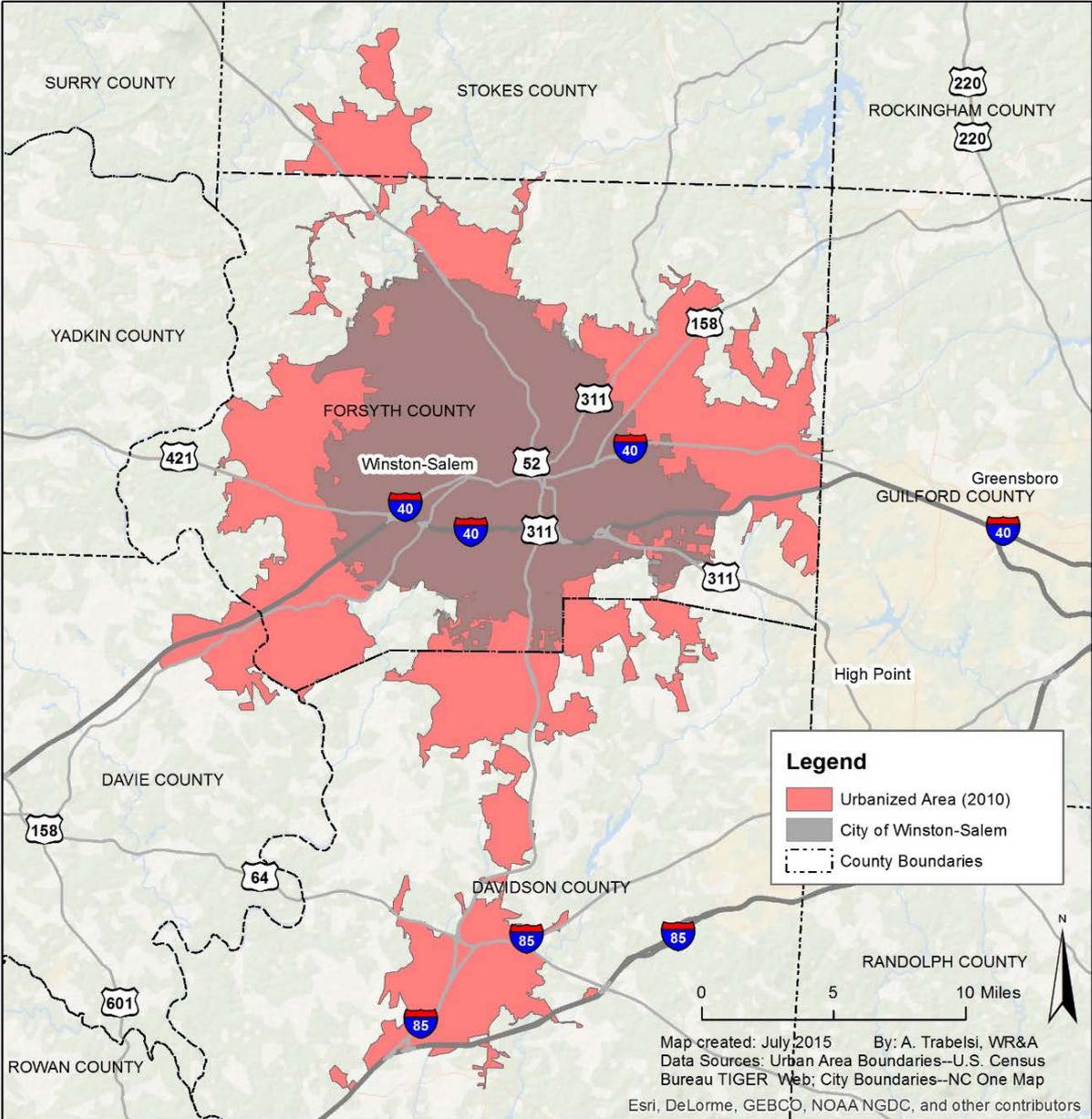
# Raleigh / Wake County 2010 Urbanized Area



# Asheville 2010 Urbanized Area



# Winston-Salem 2010 Urbanized Area

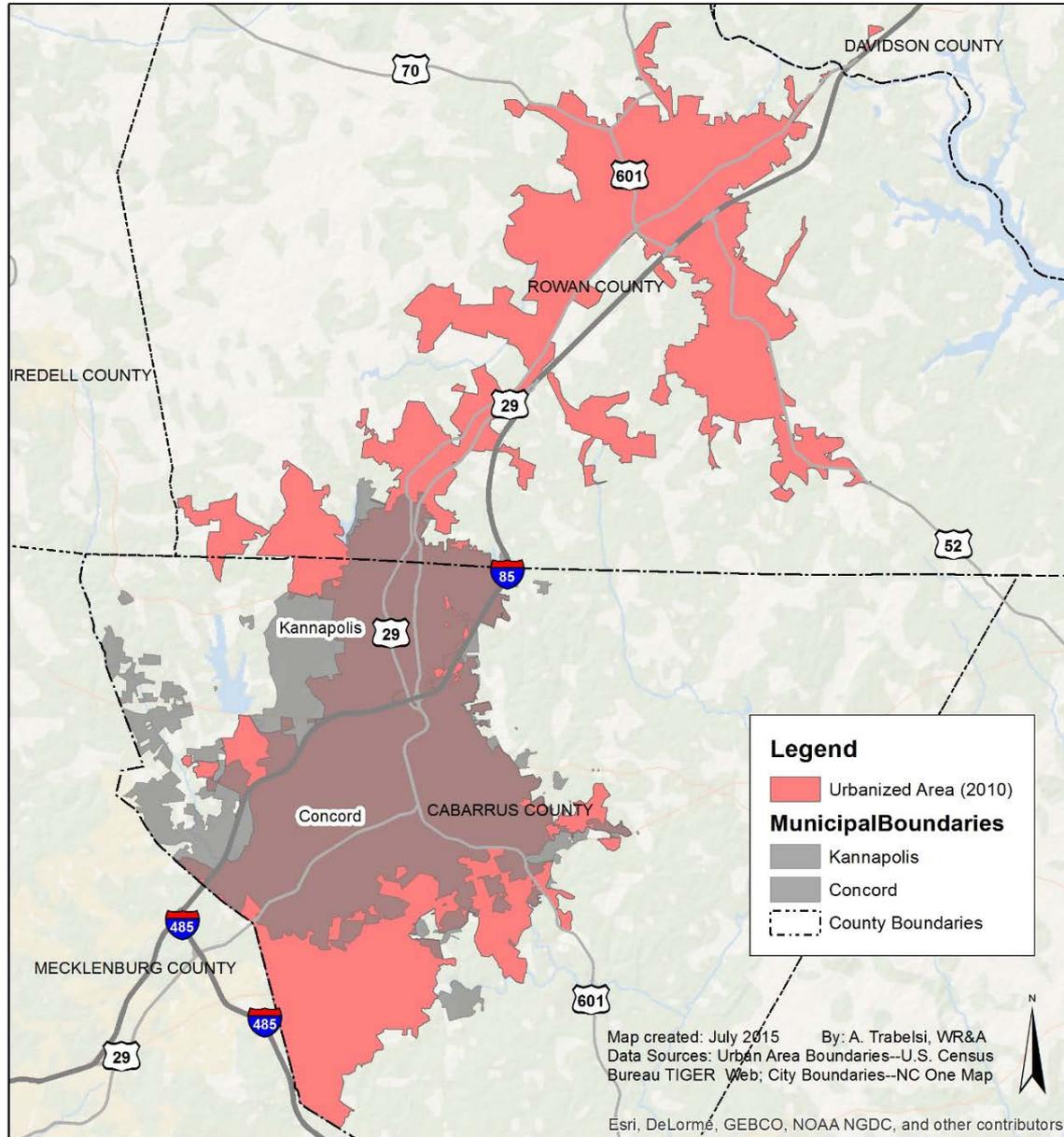


Map created: July 2015 By: A. Trabelsi, WR&A  
 Data Sources: Urban Area Boundaries--U.S. Census Bureau TIGER Web; City Boundaries--NC One Map

Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors



# Kannapolis / Concord 2010 Urbanized Area



# FTA Formula Distribution Factors

Size of Area Population	Population	Population Density	Revenue Miles	Low Income	Efficiency Incentive	Land Area (Sq. Miles)	Persons older than 65 and disabled
Greater than 1,000,000 persons	✓	✓	✓	✓	✓		✓
200,000 to 999,999 persons	✓	✓	✓	✓	✓		✓
50,000 to 199,999 persons	✓	✓		✓			✓
Less than 50,000 persons	✓		✓	✓		✓	✓



# *FTA Formula Program 5307/5340/5339*

Urbanized Area	5307 / 5340 Urbanized Area Formula	Operating Assistance Limit	5339 Bus and Bus Facilities
Asheville, NC	2,591,390	1,628,693	269,981
Charlotte, NC	17,200,082	338,653	1,854,736
Concord, NC	2,234,183	1,222,233	237,475
Durham, NC	7,187,170	4,783,368	829,832
Fayetteville, NC	2,855,740	1,850,802	296,865
Greensboro, NC	4,573,049	3,131,159	511,397
Hickory, NC	1,661,849	1,246,387	164,392
Myrtle Beach--Socastee, NC	157,927	157,927	
Raleigh, NC	10,504,829	7,878,622	1,164,484
Wilmington, NC	2,333,655	1,750,241	243,907
Winston-Salem, NC	3,983,327	2,987,495	422,600
<u>Urbanized areas 50,000 to 199,999 population</u>	11,437,620	11,437,620	1,153,623
Burlington, NC	1,509,822	1,509,822	
Gastonia, NC--SC	2,083,127	2,083,127	
Goldsboro, NC	747,809	747,809	
Greenville, NC	1,693,831	1,693,831	
High Point, NC	2,175,130	2,175,130	
Jacksonville, NC	1,344,906	1,344,906	
New Bern, NC	980,529	980,529	
Rocky Mount, NC	902,466	902,466	
North Carolina Statewide			1,250,000
<b>FY 2015- North Carolina Total</b>	<b>66,720,821</b>	<b>38,413,200</b>	<b>8,399,292</b>



# FTA Formula Program 5307 / 5311 Rates

Greater than 1,000,000 (5307)			
	FY2014	FY2015	Pct Change
Population	3.106355	3.09948	-0.22%
Population Density	0.000828	0.000826	-0.22%
Revenue Miles	0.419968	0.419393	-0.14%
Low Income Population	2.27932	2.274376	-0.22%
Land Area			
Efficiency Incentive	0.009384	0.009664	2.98%

50,000-199,999 (5307)			
	FY2014	FY2015	Pct Change
Population	6.300360	6.286417	-0.22%
Population Density	0.003208	0.003201	-0.22%
Revenue Miles			
Low Income Population	4.052752	4.043962	-0.22%
Land Area			
Efficiency Incentive			

200,000-1 million (5307)			
	FY2014	FY2015	Pct Change
Population	2.687494	2.681547	-0.22%
Population Density	0.001228	0.001226	-0.22%
Revenue Miles	0.547377	0.534805	-2.30%
Low Income Population	2.279320	2.274376	-0.22%
Land Area			
Efficiency Incentive	0.009384	0.009664	2.98%

>50,000 (5311)			
	FY2014	FY2015	Pct Change
Population	4.041135	4.035655	-0.14%
Population Density			
Revenue Miles	0.046371	0.047212	1.81%
Low Income Population	1.642215	1.639988	-0.14%
Land Area	34.09	34.05	-0.12%
Efficiency Incentive			



## *Case Study – Concord Urbanized Area*

- Concord Kannapolis Area Transit began passenger service in 2004.
- The City of Concord is the Designated Recipient for the Concord Urbanized Area.
- FTA 5307 regulations require that the designated recipient and the MPO should determine the sub-area allocation fairly and rationally through a process based on local needs and agreeable to the recipients.
- In prior years, all of the 5307 funds have been allocated to Kannapolis Concord Transit as the primary transit provider.
- Salisbury Transit has been a 5311 recipient since the beginning of the program. In FY14 Salisbury Transit received \$252,729 in federal 5311 funding for operating expenses.
- Effective FY15 Salisbury Transit is no longer eligible for 5311 funding since they are now in an urbanized area.



## Concord Urbanized Area Population Change

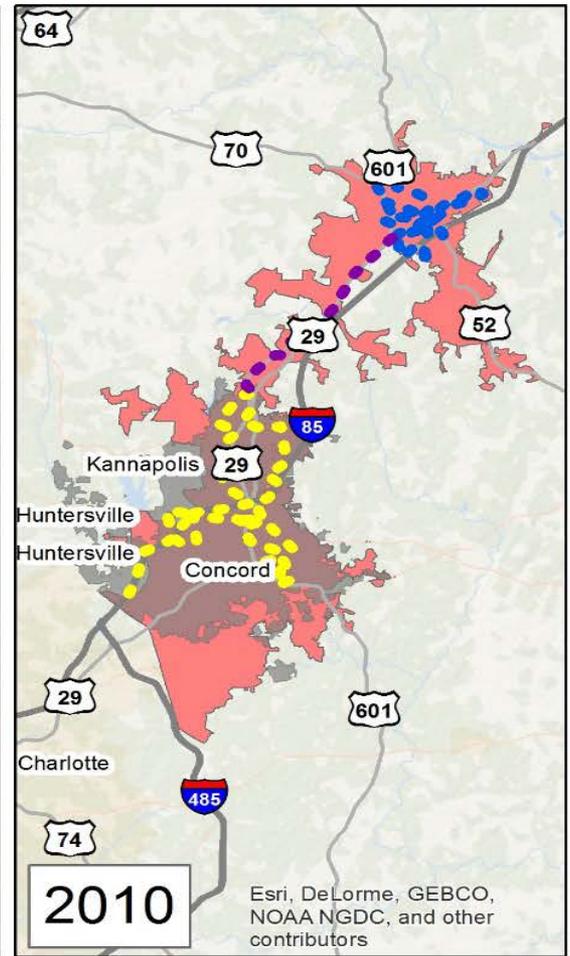
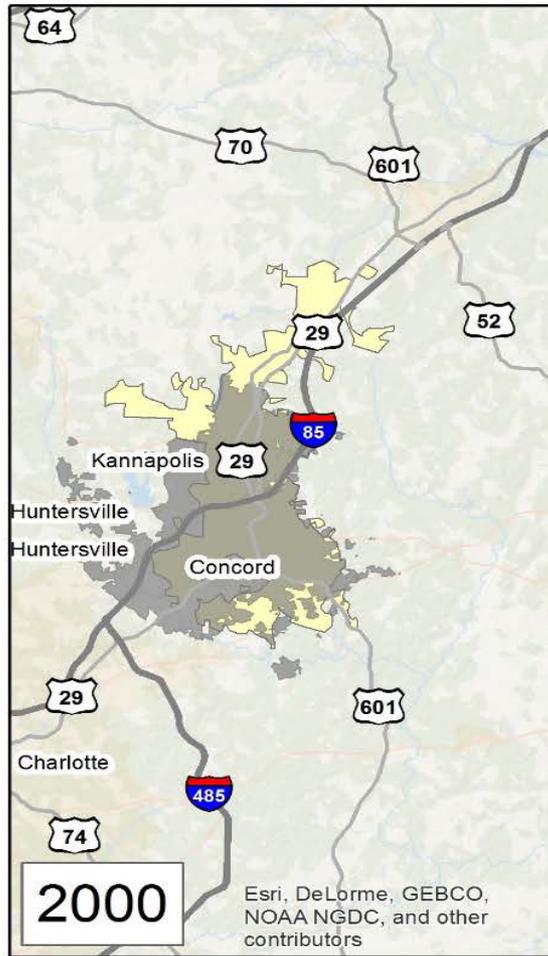
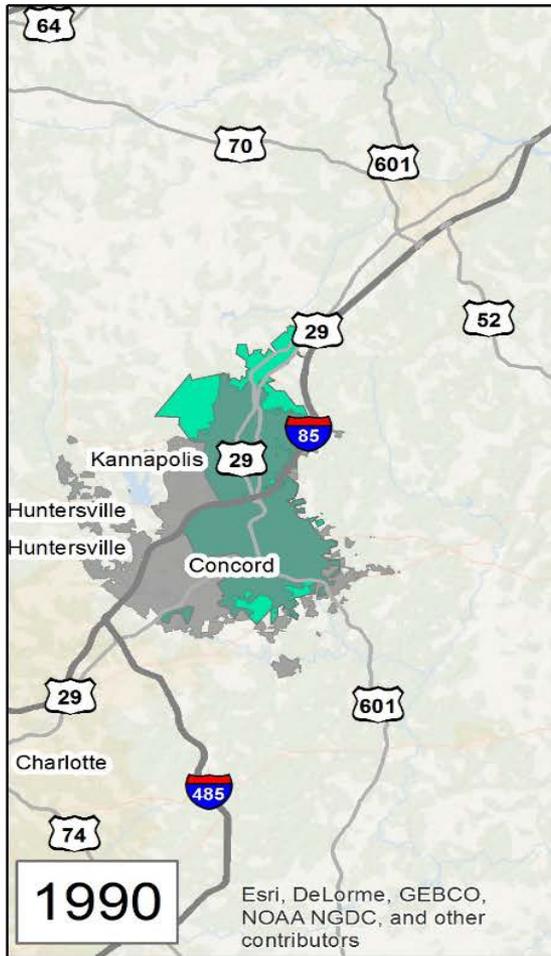
Area	2000	2010	Change 2000 to 2010	% Change
<b>Concord UZA</b>	115,057	214,881	99,824	86.80%
<b>Cabarrus County</b>	131,030	178,182	47,152	36.00%
<b>Rowan County</b>	130,348	138,442	8,094	6.20%
<b>Two County Area</b>	261,378	316,624	55,246	21.10%
<b>Municipal Areas</b>				
<b>Concord</b>	56,392	79,066	22,674	40.20%
<b>Kannapolis</b>	36,959	42,625	5,666	15.30%
<b>Salisbury</b>	30,805	33,527	2,722	8.80%

Source:

[http://www.osbm.state.nc.us/ncosbm/facts\\_and\\_figures/socioeconomic\\_data/population\\_estimates/demog/countygrowth\\_2020.html](http://www.osbm.state.nc.us/ncosbm/facts_and_figures/socioeconomic_data/population_estimates/demog/countygrowth_2020.html)



# Concord Urbanized Area Population Change



## *Concord – FTA 5307 / 5340 Formula Funds*

<b>Fiscal Year</b>	<b>Concord - FTA 5307 / 5340 Formula Funding</b>
<b>2011</b>	\$1,301,282
<b>2012</b>	\$1,305,608
<b>2013</b>	\$1,452,881
<b>2014</b>	\$1,792,895
<b>2015</b>	\$2,234,183

**Source: FTA Annual 5307 / 5340 Apportionments**



## *Concord UZA Allocation Data*

	Population	Density	Low Income	Revenue Miles
<b>City of Concord and Kannapolis (Cabarrus)</b>	100,234	1,467	27,816	492,405
<b>City of Kannapolis (Rowan)</b>	9,368	2,057	2,600	46,021
<b>City of Salisbury</b>	38,236	1,543	10,611	114,745
<b>Cabarrus</b>	29,800	895	8,270	1,090,000
<b>Davidson</b>	160	1,046	44	463
<b>Rowan</b>	37,083	755	10,291	159,950



## *Recommended 5307 / 5340 Funding Allocation*

Population	Population Density	Revenue Miles	Low Income Population	Efficiency Incentive
2.681547	0.001257	0.5348053	2.2743763	0.009664

	Urbanized Population	Population Density	Low Income Population	Revenue Vehicle Miles	5307	Performance	5340	Total Allocation
<b>City of Concord and Kannapolis (Cabarrus)</b>	\$268,782	\$146,491	\$63,263	\$263,341	\$741,877	\$429	\$68,844	\$811,151
<b>City of Kannapolis (Rowan)</b>	\$25,121	\$13,691	\$5,913	\$24,612	\$69,377	\$40	\$6,433	\$75,811
<b>City of Salisbury</b>	\$102,532	\$55,881	\$24,133	\$61,366	\$243,912	\$164	\$22,636	\$266,712
<b>Cabarrus</b>	\$79,910	\$43,552	\$18,808	\$582,938	\$725,209		\$67,258	\$792,467
<b>Davidson</b>	\$429	\$234	\$101	\$248	\$1,011		\$94	\$1,105
<b>Rowan</b>	\$99,440	\$54,196	\$23,405	\$85,542	\$262,583		\$24,353	\$286,936

# Graduation Analysis Recommendations

## All Systems

- Every transit system must report annually and accurately to the National Transit Database (5311 and 5307).
  - FTA 5307/5340/5339 funding is determined in part by vehicle revenue miles. The failure to report NTD data reduces the amount of federal formula funding available to an urbanized area.



## Small Urbanized Area Systems (less than 200,000 population)

- NCDOT will follow the FTA regulations that provide for the State to decide the distribution and programming of the transit system funds.
  - Funding decisions will be made in consultation with the eight small urban transit systems and MPOs. Planning for capital needs will be included.



# *Recommendations for Large Urbanized Areas (UZAs)*

- With each census and / or change in federal funding programs, each UZA over 200,000 will develop a fair and equitable distribution formula. This formula will be shared with NCDOT for concurrence.
- Following FTA's annual announcement of federal formula funding, the Public Transportation Division (PTD) will develop and publish a funding distribution for each urbanized area consistent with the current FTA formula. (similar to this analysis)
- As part of the State Transportation Improvement Program (STIP) amendment process, each large UZA will submit their allocation process as an MPO adopted Transit Program of Projects for NCDOT PTD approval.
  - PTD will compare it to the fair and equitable distribution formula submitted earlier. Upon approval, State Maintenance Assistance Program (SMAP) funds can be allocated to eligible recipients.
- The MPOs and transit systems must work with the NCDOT to implement a Transit Asset Management system that funds a proportional percent of the Community Transportation transit systems vehicle fleet with urban funding.
- NCDOT should assume oversight of ALL of the NC Community Transportation systems receiving FTA 5311 and 5307 funds.



*Thank you!*



Debbie Collins

[dgcollins1@ncdot.gov](mailto:dgcollins1@ncdot.gov)

919 707 4684



*Transportation*



## Public Transportation Division

### Public Transportation Division Announces Innovation Office

Debbie Collins announced that the Public Transportation Division will be starting an innovation initiative at a recent meeting of North Carolina public transportation professionals. The vision for the office is to tackle hard questions about service delivery and participating in federal initiatives. The first activities will address structured scheduling and explore intercity bus delivery in rural areas. The Division hopes to also be a leader with FTA's national initiatives such as Rides to Wellness and Mobility on Demand.

Look for more information as a structure is created and activities are started.

### Public Transportation Division 2016 Apprentices / Interns

PTD welcomed our 2016 apprentices and interns into our family at a meeting on December 10. The apprenticeship and intern program introduces recent college graduates to public transportation in hopes that they will share our passion for serving others and make this a career.

The apprentices work for 12 months with urban and county-based organizations across the state. The meeting was a great opportunity for them to learn more about public transportation in North Carolina and the functional areas of our division. We also got to learn more about them – their education, areas of interest, expectations for the program, and how they learned about the opportunity. To learn more about NCDOT's apprenticeship programs, check out these informational videos:

- <https://www.youtube.com/watch?v=q5LKFPgvcEA>
- [https://www.youtube.com/watch?v=\\_tzmMGSd7RA&feature=youtu.be](https://www.youtube.com/watch?v=_tzmMGSd7RA&feature=youtu.be)



Left to Right: Albert Amoatey (Durham County Access), Sarah McGuire (PART), Armando Sullivan (DATA), Matthew Frazier (GoTriangle), Sean Spiller (Asheville), Charlie Stanfield (FAST), Vanessa Lacer (WAVE)





## PTD Activities Underway

### December Training:

- Interns / Apprentices
- Site Visits offering technical assistance
- Building PTD's Success Plan
- FTA webinar on Region IV activities

### Meetings Attended:

- FTA State Management Review Workshop
- FTA Triennial Review Workshop
- Funding Study Bi-weekly calls
- AASHTO MTAP Annual Meeting
- Transit Advisory Board meetings
- North South Corridor Study
- Wilson City / Wilson County Study

### Upcoming:

- Funding Study meeting with urban systems and MPOs
- New Manager training
- FTA Contractor meetings
- PTD Success Plan

### Calendar of activities underway:

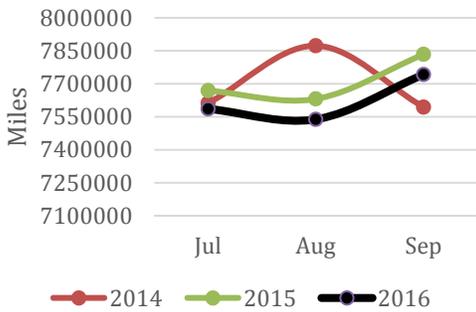
- PTD staff is working on our Success Plan for FY 17 – it mirrors the engaging Community Transportation process and focuses on becoming a performance driven organization. The anticipated completion date is March 1.
- January site visit of the FTA contractors who will create a comprehensive State Management Plan for all of the federal funding programs – expectations are high that it will be a model for the country. The deliverables will be a policy document for federal programs that is accompanied with external and internal procedures. We will also go through the same process for the state programs.
- Funding Study alternatives / implementation planning – continuing outreach to urban systems and MPOs on the graduation study and 5 year budgets. Will begin individual and group meetings with each of the 81 community transportation systems. Five year budgets will also be a focus for them.
- Finalizing planning activities – building statewide strategic plan strategy and scope, crafting planning scopes for Community Transportation systems, Community Transportation and TDM success plans and with the release of the final rule, PTD will also look at MPO performance based planning activities.
- Eight days of training for 621 students.
- Safety Management System Review project which will lead to a new way of conducting compliance activities.
- Conducting drug and alcohol program and plan reviews
- Procuring training on Drug and Alcohol manager, Drug and Alcohol reasonable suspicion, transit operations planning and the Super Circular as it relates to transit programs
- Completed Orange County organization study



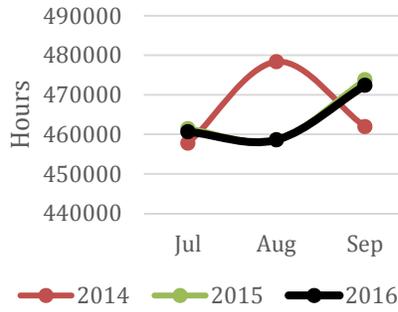
# First Quarter FY 16 Operating Statistics

## Total for All Systems

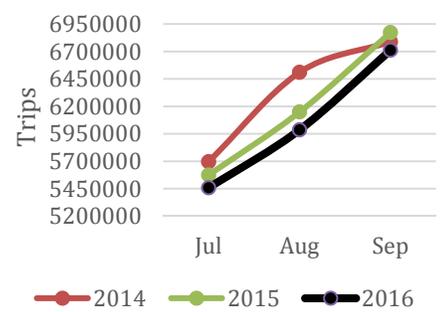
Total Miles



Total Hours

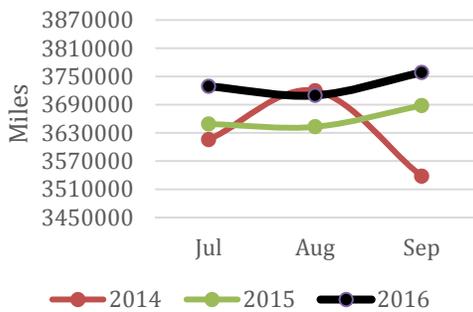


Total Trips

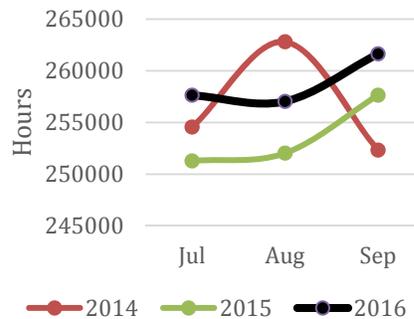


## Total for Urban Systems

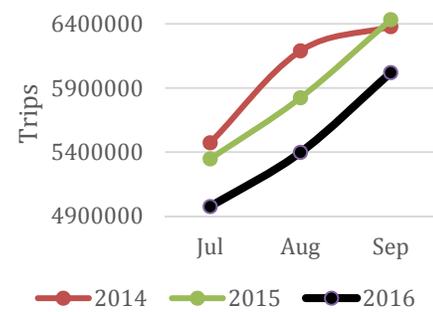
Urban Miles



Urban Hours

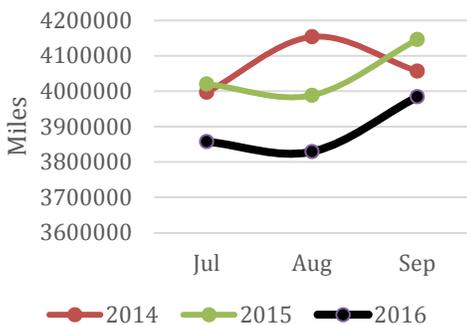


Urban Trips

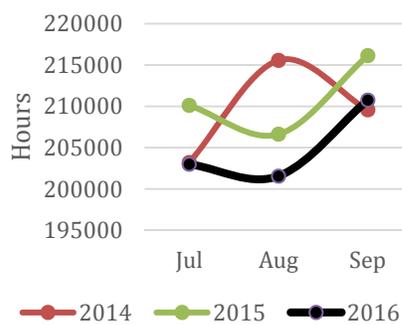


## Total for Community Transportation Systems

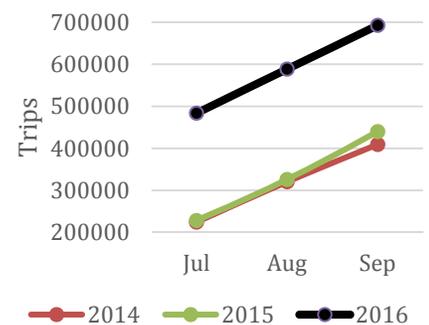
Rural Miles



Rural Hours



Rural Trips



# RAIL DIVISION 2016 FUNDING BUDGET

Funding Type	Funding Criteria	Funding Source	Funding Match	Funding Group	2016
<b>State Planning &amp; Research Studies (SP&amp;R)</b>	Investigative Phase / Prior to NEPA	State	NA	TPB	
Highway-Rail Inventory	Inventory	FHWA/State	NA	TPB	\$ 1,875,000.00
US 70 Mobility Study	MHC Study	FHWA/State	NA	TPB	\$ 450,000.00
Wake Commuter Rail Study	Feasibility Study	FHWA/State	NA	TPB	\$ 250,000.00
<b>TOTAL</b>					<b>\$ 2,575,000.00</b>
<b>Preliminary Engineering (\$1.0 M / year)</b>	Prepare Study/Project for STI scoring	State	NA	PMB	
Preliminary Engineering Yearly					\$ 1,000,000.00
<b>CMAQ Program (Statewide)</b>	Emission Reductions in Eligible Counties	Federal	State	TPB/PMB	
Refurbish Three Passenger Rail Cars	Statewide	FHWA	State	TPB/PMB	\$ 6,025,000.00
Rail Marketing	Statewide Charlotte	FHWA	State	TPB/PMB	\$ 818,500.00
Piedmont Operations	Regional TPO	FHWA	State	TPB/PMB	\$ 5,625,000.00
<b>TOTAL</b>					<b>\$ 12,468,500.00</b>
<b>State Allocation Funds / Legislative</b>	SFY/ Legislative	State	N/A		
<b>Operation &amp; Facilities</b>	SFY/ Legislative	State	N/A	Rail Div	\$ 1,336,464.00
<b>Engineering &amp; Safety</b>	SFY/ Legislative	State	N/A	Rail Div	\$ 1,326,667.00
<b>Environmental &amp; Planning</b>	SFY/ Legislative	State	N/A	Rail Div	\$ 1,156,667.00
<b>Maintenance of Rail Infrastructure</b>	SFY/ Legislative	State	N/A	Rail Div	\$ 2,050,000.00
<b>Rail Capital &amp; Safety</b>	SFY/ Legislative	State	N/A	Rail Div	\$ 3,428,007.00
<b>Contracted Services</b>	SFY/ Legislative	State	N/A	Rail Div	\$ 10,000,000.00
<b>Freight Rail &amp; Rail Crossing Safety</b>	SFY/ Legislative	State	N/A	Rail Div	\$ 3,750,000.00
<b>Administrative Budget</b>	SFY/ Legislative	State	N/A	Rail Div	\$ 603,869.00
<b>TOTAL</b>					<b>\$ 23,651,674.00</b>
<b>STIP</b>		State/Other	NA	PMB	
P- 5704 Milepost 311.8 to Milepost 316.9. 10,000 feet siding extension at Stouts in Union County	STI	State PE State Const. CSX Const.	\$1.320 M \$5.500 M \$5.500 M	PMB PMB CSX	<b>\$ 660,000.00</b>

## PIEDMONT & CAROLINIAN PERFORMANCE SNAPSHOT

### NCDOT RAIL DIVISION for the Month of OCTOBER 2015

#### Ridership

	FFY16 OCT	FFY15 OCT	Δ	FFY16 YTD	FFY15 YTD	Δ
<b>Carolinian</b>	27,414	28,240	-3%	27,414	28,240	-3%
<b>Piedmont</b>	14,246	17,083	-17%	14,246	17,083	-17%
<b>Total</b>	41,660	45,323	-8%	41,660	45,323	-8%

#### Number of Trains

#### Average Number of Passengers per Train

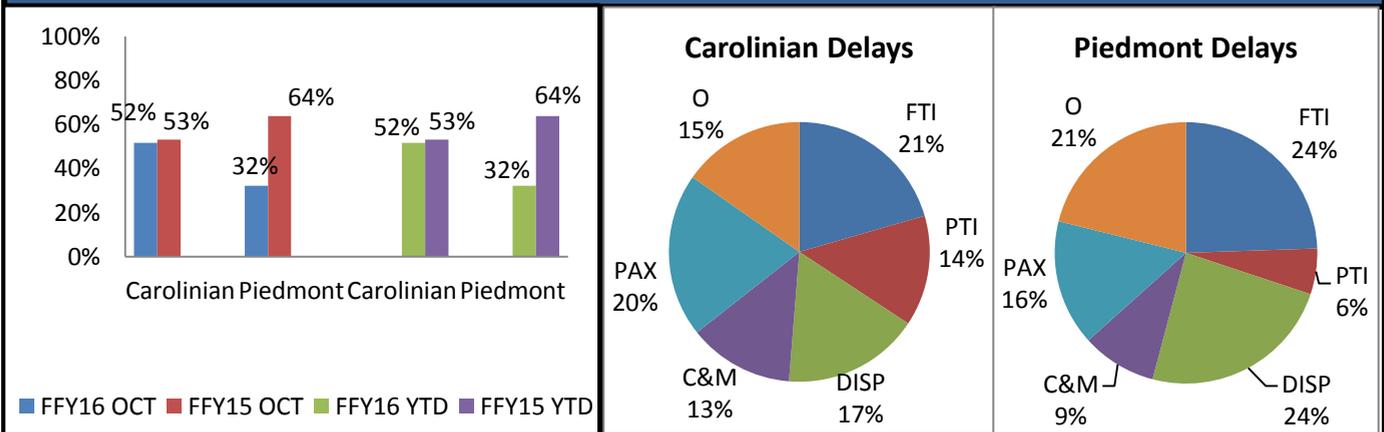
FFY16 OCT	FFY15 OCT	Service	FFY16 OCT	FFY15 OCT	Δ
60	62	Carolinian	457	455	0%
118	122	Piedmont	121	142	-15%

#### Revenue

	FFY16 OCT	FFY15 OCT	Δ	FFY16 YTD	FFY15 YTD	Δ
<b>Carolinian</b>	\$1,521,290	\$1,548,987	-2%	\$1,521,290	\$1,548,987	-2%
<b>Piedmont</b>	\$301,258	\$356,403	-15%	\$301,258	\$356,403	-15%
<b>Total</b>	<b>\$1,822,548</b>	<b>\$1,905,390</b>	<b>-4%</b>	<b>\$1,822,548</b>	<b>\$1,905,390</b>	<b>-4%</b>
<b>Amenities</b>	Mo. Surcharge	\$17,545	Mo. Expense	\$1,368	Mo. Surplus	\$16,176

**October 2015 service modifications and annulments impacted six Piedmont trains and two Carolinian trains.** On October 3, all Piedmont and Carolinian trains were annulled due to severe rains and flooding. In addition, on October 12, Piedmont Trains 74 and 75 were annulled for PIP project track work. In October 2014, two Piedmont trains were annulled. Additional disruptions for PIP project work are expected through December 2015. Average gasoline prices were \$2.26/gallon in October 2015 vs. \$3.40/gallon in October 2014 (EIA Weekly Retail Gasoline for Lower Atlantic region), and are expected to continue to fall. The State Fair drew 3,947 ons/off, a nearly 24% increase from 2014, and the Lexington BBQ Fest drew 709 ons/off, a 10% increase from the previous year; both are record ridership.

#### On-time Performance



\*Carolinian and Piedmont delays were 7,244 and 4,325 minutes, respectively. FTI - Freight Train Interference; PTI - Passenger Train Interference; DISP - Dispatch Related; C&M - Construction, Maintenance; PAX - Any Passenger Related; O - All Other Delays (e.g. weather, mechanical). Carolinian trains arriving within 20 minutes and Piedmont trains within 10 minutes of schedule are considered on time.

#### Overall Customer Satisfaction

	FFY15 SEPTEMBER	FFY14 YEAR-END	Δ
<b>Carolinian</b>	78%	75%	3%
<b>Piedmont</b>	83%	88%	-5%

\*The customer satisfaction index (eCSI) is calculated from rider survey data conducted on line and is for one month prior to the current report month. Overall satisfaction is defined as average scores greater than or equal to 80. Customer satisfaction goals for FFY 2014 were 82% for the Carolinian and 92% for the Piedmont; and for FFY 2015 were 79% for the Carolinian and 90% for the Piedmont. Overall September eCSI for all Amtrak services was 82%.

## North Carolina City Pairs with Largest Ridership

	Carolinian	Piedmont
<b>1</b>	Greensboro - Raleigh	Charlotte - Raleigh
<b>2</b>	Charlotte - Raleigh	Charlotte - Greensboro
<b>3</b>	Raleigh - Washington	Charlotte - Cary
<b>4</b>	Charlotte - Durham	Charlotte - Durham
<b>5</b>	Durham - Washington	Greensboro - Raleigh
<b>6</b>	Greensboro - Washington	Durham - Greensboro
<b>7</b>	New York - Raleigh	Cary - Greensboro
<b>8</b>	Charlotte - Washington	Charlotte - HighPoint
<b>9</b>	Washington - Wilson	HighPoint - Raleigh
<b>10</b>	Philadelphia - Raleigh	Burlington - Charlotte

\*Of the ten city pairs with the highest ridership, from the previous FFY month Greensboro-Raleigh had the largest increase of 121% and Greensboro - Washington the largest decrease of 21% for the Carolinian; Durham-Greensboro had the smallest decrease of 1% and Charlotte - Cary the largest decrease of 24% for the Piedmont.

## Carolinian and Piedmont Total Ons-Offs at North Carolina Stations

	FFY16 OCT	FFY15 OCT	Δ
<b>Charlotte</b>	13,503	15,784	-14%
<b>Raleigh</b>	13,326	11,199	19%
<b>Greensboro</b>	9,894	11,340	-13%
<b>Durham</b>	6,534	7,641	-14%
<b>Cary</b>	4,584	5,603	-18%
<b>High Point</b>	3,228	3,594	-10%
<b>Burlington</b>	2,483	2,700	-8%
<b>Wilson</b>	2,343	2,427	-3%
<b>Salisbury</b>	2,020	2,632	-23%
<b>Kannapolis</b>	1,782	2,032	-12%
<b>Rocky Mount</b>	1,551	1,418	9%
<b>Selma-Smithfield</b>	670	639	5%

\*The values represent passenger ons and offs at North Carolina stations for only state-supported routes and do not include those of other Amtrak services. The values should not be construed as total ridership.

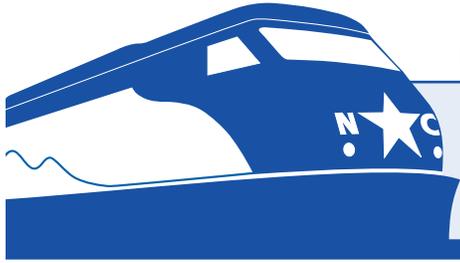
## North Carolina Train Host Association

	FFY16 OCT	FFY15 YTD
<b>Train Host Volunteer Hours</b>	1,201	1,201



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NCDOT Rail Division

# The Rail Report



January 2016

## Rail Crossing Safety Improvements Made in Downtown Kings Mountain

In its latest safety measure, NCDOT's Rail Division has placed bollards strategically at two at-grade crossings as a means to keep tractor trailer traffic flowing safely away from downtown Kings Mountain, a city with a long history of downtown car/train crashes on municipal at-grade crossings. These new traffic calming devices move the traffic flow away from downtown at-grade crossings to the bridge at King Street.

The Rail Division is using the bollards and median planters with 16"x16" decorative tiles and live plants at the downtown crossings at Gold and Mountain streets. A combination of the devices narrows the travel lanes and decreases the turning radius needed for tractor trailers to access the at-grade crossings.

All of the crossings with a high incidence of accidents were humped and most had poor sight distance at Gold, Mountain, Oak and Hawthorne streets.

Those four crossings had a total of 33 crashes including one fatality since 1976. The Hawthorne and Oak crossings were closed in 2004 and 2012, respectively.

NCDOT has been working with the City of Kings Mountain and Norfolk Southern Railway since the 1990s on various projects involving several grade crossing safety improvements.

The line has two Amtrak trains and 19 freight trains daily traveling at a maximum of 60 miles an hour.

The project was funded by the Freight Rail & Rail Crossing Safety Improvement Fund.

## NCDOT Selects Gulf & Ohio Railways to Operate Global Trans Park Rail Line

After a competitive solicitation for proposals to market and operate the state-owned Global Trans Park (GTP) railroad line in Lenoir County, the N.C. Department of Transportation has selected the Gulf & Ohio Railways, Inc. The NCDOT Board of Transportation approved the new GTP Lease & Operating Agreement at its Nov. 5, 2015 meeting. Under the terms of the agreement, G&O will operate, maintain and market freight service on the GTP line.



Located just west of Kinston, the rail line connects to the North Carolina Railroad on its south end and extends 5.7 miles north to the GTP. The railroad is strategically located to provide service to the GTP, the Morehead City State Port and eastern North Carolina. NCDOT and G&O believe the GTP line has significant business development opportunities. "We are excited about having an operator serving the GTP rail spur," said NCDOT Rail Director Paul Worley. "This will give us an advantage as we look to support economic development and job creation at the GTP and along the rail line."

NCDOT owns the GTP rail corridor, which was built in 2011. NCDOT and G&O will work closely with the Lenoir County Board of Commissioners and the Lenoir County Economic Development Commission to build a customer base along the rail line.

"We look forward to exploring the opportunities that we see this rail line offering," said Peter V. Claussen, President of G&O. "It is truly a unique piece of property and presents a lot of growth potential."

Headquartered in Knoxville, Tennessee, G&O is a short-line railroad holding company. The company currently operates four other short-line railroads in the U.S., including two in North Carolina. All of its short-line railroads provide freight service. G&O has approximately 90 employees and is managed by a senior team that has extensive experience in the industry.



## Johnston County Schools and NCDOT BeRailSafe Partner on Rail Safety Initiative

Following the deaths of two Smithfield-Selma Senior High School students on railroad tracks in Jan. 2015, NCDOT Rail Division's BeRailSafe program reached out to the Johnston County Schools (JCS) to develop a rail safety education program for its students. Johnston County has two busy railroad corridors used day and night by Amtrak, Norfolk Southern Railway and CSX Transportation, and many schools are located where students cross railroad tracks on their way to and from school.

The resulting program was developed by BeRailSafe with considerable advice and assistance from JCS Assistant Superintendent for Student Services, Dr. Oliver Johnson and Tracey Peedin Jones, a public information officer with the school system. Implemented in October 2015, the program consists of PowerPoint presentations and a series of questions for teachers to use during ten-minute discussion sessions each day for one entire week. Different age-appropriate messages were tailored towards elementary, middle and high school classes.

Included in the high school message was the warning to not have senior yearbook pictures made on railroad tracks. Consequently, yearbook counselors in all high schools have been instructed to reject any such pictures along with all other illegal activities they routinely refuse for publication. Teen drivers were also made aware

of the importance of obeying signs, bells and flashing lights at grade crossings.

NCDOT and JCS are encouraged by student and family participation in the program and believe it will result in a greater awareness of the danger and illegality of walking on or along railroad tracks.

"Our successful partnership with NCDOT's BeRailSafe has educated Johnston County School students to be more careful and respect the railroad environment. In addition our rail safety education is a message to other school districts that rail safety cannot be taken for granted," said Dr. Johnson.



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## Rail Division Employees Honored for Service

At the annual Rail Division Thanksgiving lunch, Excellence in Service awards were presented to several employees in recognition of milestones in their public service career. "I greatly appreciate these employees and the entire Rail Division team," said Rail Director Paul Worley. "The things that get done are because of the work they do, and the thought and the passion they put into their jobs."

Chief Deputy Secretary Walt Gray and Deputy Secretary for Transit Keith Weatherly also attended the lunch and thanked employees for a job well done in 2015.



Left to right: Jahmal Pullen (10 years), Timothy Abbott (5 years), Jason Orthner (15 years), Charles Tew (25 years), Nancy Horne (15 years), Greg Keel (20 years), Kyle Anderson (2 years), Andrew Thomas (20 years), Kenneth Turrentine (15 years), Chief Deputy Secretary Walt Gray, Meredith McLamb (15 years), Deputy Secretary Keith Weatherly, Sandra Stepney (20 years), George Young (35 years) and Rail Director Paul Worley. Not pictured: Eric Swanson (5 years) and Teshena DeBrew (15 years), who has taken a job at NC A&T.

## Rail Division Retirements

**David Hinnant, Surfaces and Encroachments Manager**, retired on Sept. 30th after 31 years of service to the NCDOT.



David began his career with the Division 1 Right of Way Office in Ahsokie in 1984 and moved to the Raleigh office in 1988. In 1993, David became the State Railroad Agent, securing all agreements necessary for at-grade and parallel conflicts

with railroads operating in our state on projects affecting our State Maintained Highway System, and coordinated a variety of other responsibilities with railroads involving the NCDOT. He moved to the Rail Division in 2008, where he served as State Railroad Agent and later as Surface Encroachment Manager. David has been a vital part of the Rail Division and has developed invaluable trust and relationships with the railroads within North Carolina.

**Steve Head, Corridor & Property Manager**, retired on Nov. 1st after 17 years of inspiring and dedicated service with the NCDOT Rail Division.

He initially served one year as a planner under Mark Sullivan and then 16 years as the Division's Corridor and Property Manager. Steve worked hard to develop new revenue streams from encroachment agreements and property leases, which lessened his program's dependence on state funds. Two of his biggest accomplishments in 2015 were the award of long term leases for the Division's Piedmont & Northern rail line to Iowa Pacific Holdings, and the Global Trans Park rail line to the Gulf & Ohio RR. Steve has touched the lives of many individuals during his career with the Rail Division. We wish him all the best in retirement.



*Zakhary Mallett, BART board member, looks on as Paul Worley addresses Smart Rail USA in Charlotte. Paul was a keynote speaker and panel discussion member at the October conference, which drew in nearly 400 attendees from around the world.*



*Rail Director Paul Worley, Deputy Director Allan Paul, Facilities and Properties Manager Cliff Isaac and Corridor and Property Engineer Bill McQueen received a thank you plaque from the Mount Holly Community Development Foundation for assistance with accommodations made to support the **Mount Holly Greenway Construction**.*

## Blended Aftertreatment System achieves 90% NOx reduction on 20-year-old passenger locomotive



Rail Propulsion Systems (RPS) of Fullerton, CA has developed a Blended Aftertreatment System (BATS) in conjunction with NCDOT and McDowell Engineers & Associates. The goal of the system is to reduce engine emissions to meet

the EPA's Tier 4 requirements for the rail industry. The aftertreatment system has resulted in an impressive 90 percent reduction in oxides of nitrogen (NOx) and a 40-70 percent reduction of other emissions components in static testing. "The static emissions tests that were performed in California on the North Carolina F59PH locomotive last week produced very promising results," said Allan Paul, Rail Division Deputy Director. The RPS after treatment system will be installed on NCDOT F59PH locomotive 1859 in December and begin over-the-road testing of the system with North Carolina State University's Environmental Engineering Department in January. The system is a straightforward installation onto the locomotive and has no effect on its mechanical function or operation other than emissions reductions. NCSU will use its PEMS emissions measurement system developed in partnership with NCDOT to record emissions data over several weeks of regular Piedmont passenger service between Raleigh and Charlotte.

## 2015 Santa Trains a Hit with Children and Adults

What better way to kick off the Christmas season than a train ride with Santa?

Dec. 5 proved to be an exciting day for passengers of the Raleigh and Charlotte Santa Trains. The children enjoyed speaking personally to Santa about their Christmas wish lists, and getting their orders in early.

The biggest surprise of the day was for a group of college students from Australia, who had no idea they would be running into Santa at the Raleigh Amtrak Station.

Special thanks to the NC Train Host Association volunteers for helping Rail Division and Amtrak staff to make this day a success, both on the trains and at the stations. And last but not least, thanks to Santa and Mrs. Claus for sharing the spirit of Christmas with us all.



### Ridership & Revenue on NC's Amtrak Service – \*Oct. 2015 vs. 2014

	RIDERSHIP			REVENUE		
	2015	2014	% +/-	2015	2014	% +/-
Piedmont	16,246	17,083	-17%	\$301,258	\$356,403	-15%
Carolinian	27,414	28,240	-3%	\$1,521,290	\$1,548,987	-2%

**1201**



Hours Volunteered by N.C. Train Hosts in October, supporting North Carolina's Amtrak onboard trains and at events.

\*October 2015 service modifications and annulments impacted six Piedmont trains and two Carolinian trains. On Oct. 3, all Piedmont and Carolinian trains were annulled due to severe rains and flooding. In addition, on Oct. 12, Piedmont Trains 74 and 75 were annulled for PIP project track work. In Oct. 2014, two Piedmont trains were annulled. Additional disruptions for PIP project work are expected through December 2015. Average gasoline prices were \$2.26/gallon in Oct. 2015 vs. \$3.40/gallon in Oct. 2014 (EIA Weekly Retail Gasoline for Lower Atlantic region), and are expected to continue to fall. The State Fair drew 3,947 ons/off, a nearly 24% increase from 2014, and the Lexington BBQ Fest drew 709 ons/off, a 10% increase from the previous year; both are record ridership.



**Piedmont Service a Star in Peter King's Sports Illustrated Monday Morning Quarterback via Guest Note from Washington Post's Liz Clarke** *(Reprinted with permission from Liz Clarke.)*

A very cool travel note, a piece of Americana I never knew existed, from the Washington Post's Liz Clarke. She took Amtrak from her family's home in Raleigh, N.C., to Charlotte last weekend to cover Washington's game at Carolina, departing Raleigh at 7 a.m. and arriving in Panther town at 10:10 a.m. (And if you know the professional and uber-polite Liz Clarke, you can hear her voice here):

"I take Amtrak frequently for work, traveling from DC's Union Station to Philly or New York most often to cover games. But the vibe and experience on the Raleigh-to-Charlotte train is totally different—almost like a field trip.

"Everyone was in a great mood; so many families and fans wearing Panther jerseys. All the kids were so excited to be going to the game. And the conductors, as well as the woman who organized the crowd before boarding, were so friendly and eager to make sure everyone knew exactly what to expect and what to do to get to the game on time and back to Raleigh afterward. Around 6:45 a.m. the announcements started in the terminal and platform that "no personal alcohol" was permitted on the train. Once on board, people started digging into their backpacks and coolers and pulling out chicken biscuits, pimento cheese crackers and sweet tea for the families. And the conductor said to the passengers, with great verve:

'Are you ready for some football?!

"Not everyone was going to the game; the train stopped often—at places like Burlington, Greensboro, Salisbury and

Kannapolis—and a few people got off, while other Panther-bound fans joined the train. As we got closer to Charlotte, the conductor handed out an elaborate map and made a little speech, explaining that once at the Charlotte station, you could hop on a bus to downtown for \$2.20 or take a taxi. The map showed how to walk to Bank of America Stadium from the bus stop. Then the conductor

explained that there was only one train going back to Raleigh afterward, so everyone needed to be sure they got back to the station in time. He made a special point to tell the children they'd have listen to their parents and not dawdle and miss the train. He was more chaperone than conductor, very doting and dear.

"The whole thing was adorable. Everyone around me was in a great mood (of course the Panthers were then 9-0; and 10-0 by afternoon). But all were so happy to be setting off on this adventure, and everyone who worked for the train was so concerned that they have a good time and get there with plenty of time to spare.

"As for why I did it, there were two reasons. The main one: My dad, who is 87, lives in Raleigh, and I don't see him often enough. The other reason goes back nearly 25 years, to when I was hired by the Charlotte Observer to cover the city's quest to get an NFL expansion team. It was a fascinating, difficult process to cover (directed by the young Roger Goodell, a staffer under Paul Tagliabue), with 11 cities vying for two expansion teams. If you recall, Charlotte's case rested heavily on the shrewd marketing plan designed by Max Muhleman. Central to Muhleman's pitch to NFL owners was that a Charlotte expansion NFL team would

draw fans from a 150-mile radius. He actually had a point; while clever marketing, it was also true. The Panthers are a regional team, and the Raleigh-

Charlotte 'game-day' train was added expressly because of the Panthers. Two decades later, I finally took the train from Raleigh to Charlotte. It was all Max predicted and promised so many years ago—transporting Panthers fans from 150 miles away—and great fun. Better still, it enabled me to visit my dad on a game weekend." *Now that's a heck of a travel note right there. Thanks, Liz.*

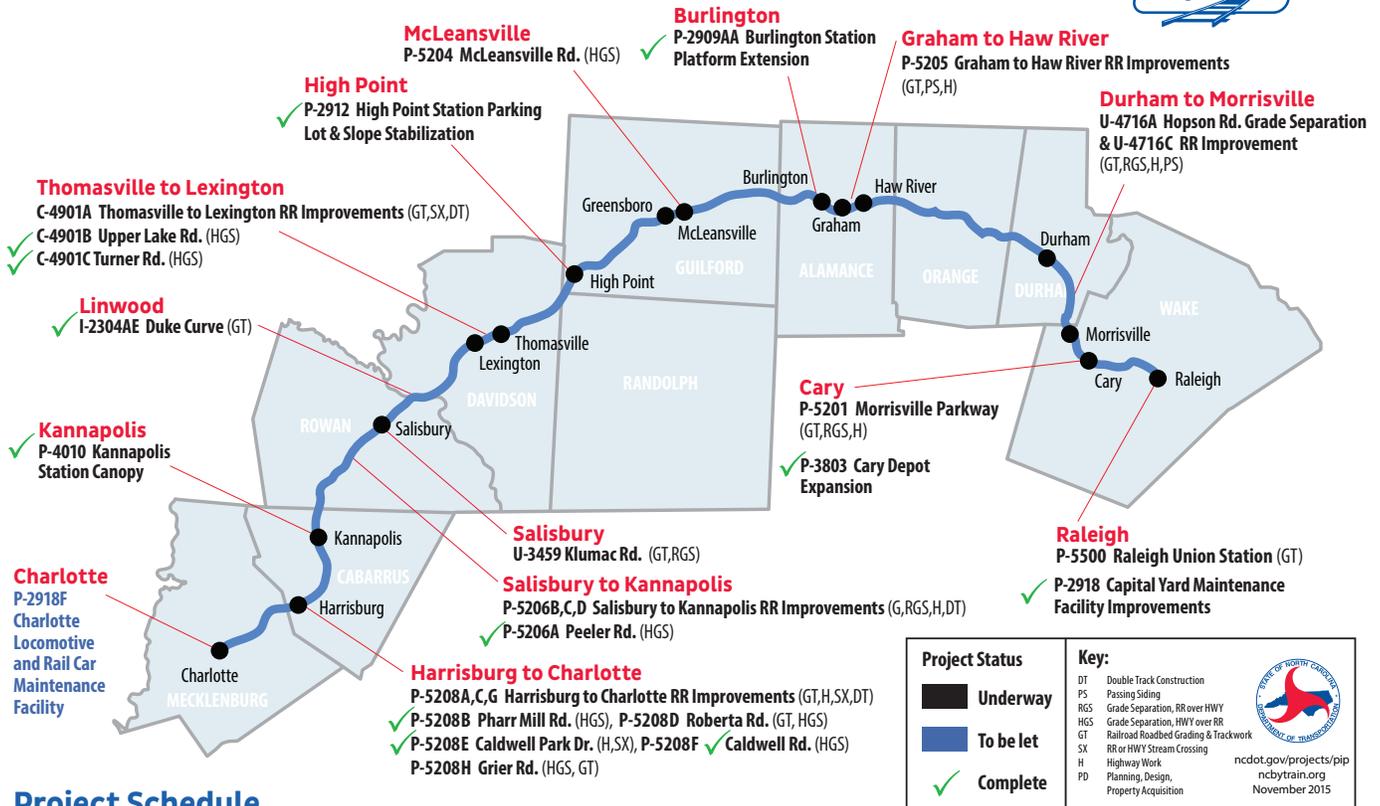


**Liz Clarke** ✓  
@lizclarktweet



With thanks to dear friend [@SI\\_PeterKing](#) for letting me write a love note to a train on this week's MMQB!

# Piedmont Improvement Program – November 2015 Status Report



## Spent to Date of \$520M (eff. 11/30/2015)

Component	Expenditure
PD&A/ROW	\$48,733,617
Equipment Procurement & Rebuild	\$27,710,949
Stations & Facilities	\$41,032,982
Track & Structures	\$233,117,087
CRISP	\$2,180,376
<b>Program Totals</b>	<b>\$352,775,011</b>

Six new contracts totaling \$43,910 were awarded in November.

## Commitments to Date of \$520M (eff. 11/30/2015)

Current Commitments		\$471M
Pending Commitments	Anticipated Date	\$42.7M
Charlotte Maintenance Facility Construction	3/16	\$33M
PIDS Construction	1/16	\$1.5M
PD&A	Through '16	\$8.2M
<b>Balance</b>		<b>\$6.3M</b>

## PIP Milestones

**Salisbury** – On Dec. 7, the track detour was removed at new CP Sumner and rail traffic now runs over two completed No. 24 turnouts. Removing the detour allows the two remaining No. 24 turnouts to be constructed and the control point completed.



**Morrisville** – Track construction has begun on the Morrisville Parkway Grade Separation project. Approximately 1.5 miles of new track is being constructed on improved alignment over the new bridge. The track is anticipated to be cut-in as the new main track in March 2016.

**Rocky Mount (Congestion Mitigation)** – New powered double crossovers at CP Armstrong just north of Rocky Mount on the CSX A-line went into service on Nov. 14. Installation of the crossovers allows more flexibility and capacity on the existing double track route by allowing trains to freely move between tracks in either direction.

# Piedmont Improvement Program and Congestion Mitigation Project Photos

## Nov. 2015



Congestion Mitigation Project, CP Armstrong signals



P-5201 Morrisville Parkway, bridge construction



U-4716 Nelson to Clegg Passing Siding, track construction



P-5205 Graham to Haw River Passing Siding, new alignment



P-5204 McLeansville Road Bridge Construction



C-4901 Bowers to Lake, Rich Fork Creek bridge construction

# Piedmont Improvement Program Project Photos

## Nov. 2015



P-5206 Reid to North Kannapolis, Kimball Road bridge construction



P-5206 Reid to North Kannapolis, industrial track construction



P-5208A Haydock to Junker, Mallard Creek bridge construction



P-5208A Haydock to Junker, Coddle Creek bridge construction



P-5208 Haydock to Junker, Grier Road bridge construction



P-5208 Haydock to Junker, arch culvert construction



January 2016

*NCDOT Rule-making  
BOT Multi Modal Committee*

Helen Landi



# *The NC Administrative Code and Rule-making*

- Purpose and Authority of the Administrative Procedure Act
- Key Definitions in Rule-making
- The Rule-making Process
- Agency Rules
- Periodic Review of Rules

# *GS 150B – The Administrative Procedure Act*



# *Purpose of the Administrative Procedure Act*

## *GS 150B*

The purpose of the Administrative Procedure Act is to establish a uniform system of administrative rule-making and adjudicatory procedures for all state agencies.

These procedures ensure that the functions of rule-making, investigation, advocacy, and adjudication are not all performed by the same person in the administrative process.

The APA includes:

- Article 1                      General Provisions
- **Article 2A**                    **Rule-making**
- Article 3                      Administrative Hearings
- Article 3A                     Other Administrative Hearings
- Article 4                      Judicial Review

*Today we are focusing on Article 2A Rule-making.*

# *Authority of the Administrative Procedure Act*

## *GS 150B*

The APA applies to all state departments, agencies, and boards except those that are specifically exempted. Most exemptions are in the APA; however some are in other statutes.

DOT exemptions include but are not limited to:

- The NC Global TransPark
- The NC Ports Authority
- The Turnpike Authority
- Specific actions set out in statute as applicable

Note the following are not considered rules and are not included in rule-making as set out in GS 150B:

- Requirements, communicated to the public by the use of signs or symbols, concerning the use of public roads, bridges, ferries, buildings, or facilities.
- Scientific, architectural, or engineering standards, forms, or procedures, including design criteria and construction standards used to construct or maintain highways, bridges, or ferries.

The APA does not apply to:

- Legislative Branch
- Judicial Branch
- Local Governments

# *GS 150B – Rule-making*



# *Key Definitions in Rule-making*

**RULE** – any agency regulation, standard, or statement of general applicability that implements or interprets an enactment of the General Assembly or Congress or a regulation adopted by a federal agency or that describes the procedure or practice requirements of an agency.

- EMERGENCY RULE
- TEMPORARY RULE
- PERMENANT RULE

**RULE-MAKING** – the process of enacting a rule in compliance with procedures set out in GS 150B.

**NC ADMINISTRATIVE CODE** – The compilation of the administrative rules of approximately 26 state agencies and 50+ occupational licensing boards. NCDOT's rules are found in *NCAC Title 19A – Transportation*.

**RULEMAKING AUTHORITY** – the statute or other law granting an agency the power to adopt a rule.

**RULEMAKING AGENCY** – the agency given the authority by the General Assembly to adopt a rule. For NCDOT, the Secretary of Transportation has rule-making authority except for a few rules in which the statute directs the Board of Transportation to act as the agency.

# *Key Definitions in Rule-making*

**RULES REVIEW COMMISSION** – The Rules Review Commission (RRC) is the executive agency created and appointed by the General Assembly in 1986 and is charged with reviewing and approving rules adopted by state agencies. Five of the members are nominated by the Speaker of the House and five are nominated by the Senate President Pro-Tempore.

**NC REGISTER** – *The North Carolina Register* contains information relating to required by or affecting Chapter 150B of the General Statutes in order to provide public notice.

**PUBLIC COMMENT** – Notice and the opportunity to comment are two of the foundations on which the legitimacy of agency rules are built.

**FISCAL NOTE** – the fiscal analysis of the impacts of a proposed rule change. Rules have the force of law. They enable an agency to hold a regulated group accountable.

**ADOPT** – to take final action to create, amend, or repeal a rule.

## *Why Rules?*

Through general statutes, agencies of state government are given the power to limit what people can do, with state-sanctioned consequences, such as loss of liberty or property, if these limits are not followed.

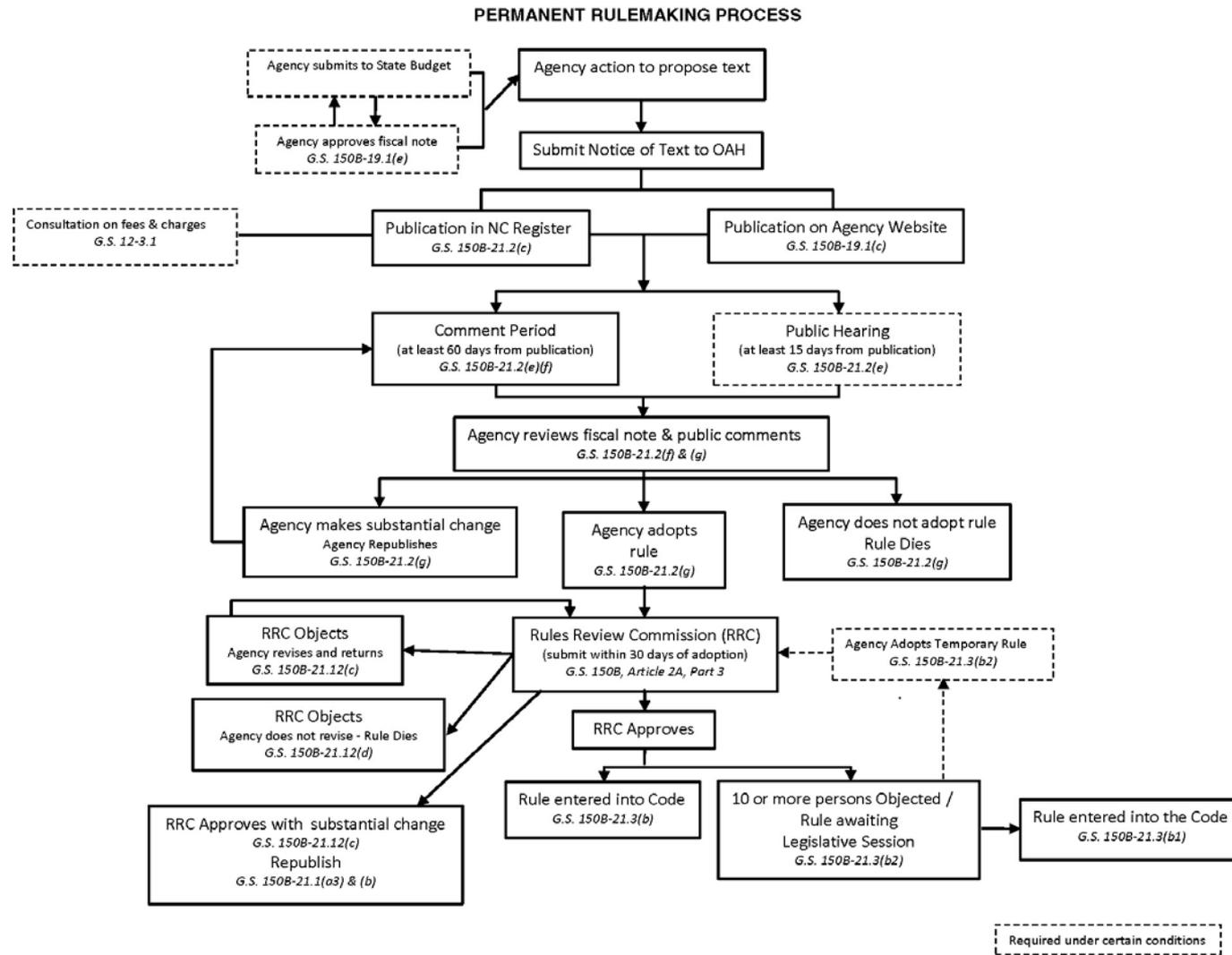
To enact rules an agency must have either an explicit grant of authority from the legislature or else its authority must be necessarily implied from other statutory duties created by the legislature.

Rules are the written form these limits take, and the text of a rule is the primary source that a court looks to when asked to enforce or to undo these limits.

So rules are the legal underpinning of most other administrative regulatory actions, such as permitting and enforcement.

*Rules have the force of law.*

# Permanent Rule-making Process



## *Why is rule-making so complicated?*

Rule-making attempts to be:

Flexible but predictable,

Technocratic but political,

Efficient but thoughtful,

Rational but inclusive of the points of view of affected persons,

Consistent but sensitive to the needs of particular policy areas, and

Precise but comprehensible to the ordinary citizen.

Rule-making is a way of turning policy into law and is inherently difficult and important.

# *NCDOT Rules*

- The North Carolina Administrative Code Title 19A Department of Transportation:
  - Chapter 1            Departmental Rules
  - Chapter 2            Division of Highways
  - Chapter 3            Division of Motor Vehicles
  - Chapter 4            Secretary of Transportation
  - Chapter 5            Administration
  - Chapter 6            Transit, Rail, and Aviation
- In addition, the agency is responsible for complying to rules set out in other Titles of the code.

*We regulate and we are regulated.*

# *GS 150B-21.3A Periodic Review and Expiration of Existing Rules*



## *Periodic Review of Rules*

Prior to the 2013 legislative session, there was no expiration date for rules.

Per GS 150B-21.3A, passed during the 2013 legislative session, all rules adopted pursuant to G.S. 150B Article 2A will be reviewed every 10 years to make sure the rules are still necessary, within the agency's authority, and address programs that still exist.

The schedule for the review is set by the Rules Review Commission.

If an agency does not conduct the review in the timeframe required by the Commission, then the rules will automatically expire and be removed from the code.

# *Periodic Review of Rules*

The process requires the agency to review each rule and designate it as:

## Necessary with Substantive Public Interest

Any rule for which the agency has received public comments within the last two years, or

Any rule that affects the property interest of the regulated public and the agency knows or suspects any person may object to the rule.

## Necessary without substantive Public Interest

A rule for which the agency has not received a public comment concerning the rule within the past two years.

A rule that merely identifies information that is readily available to the public.

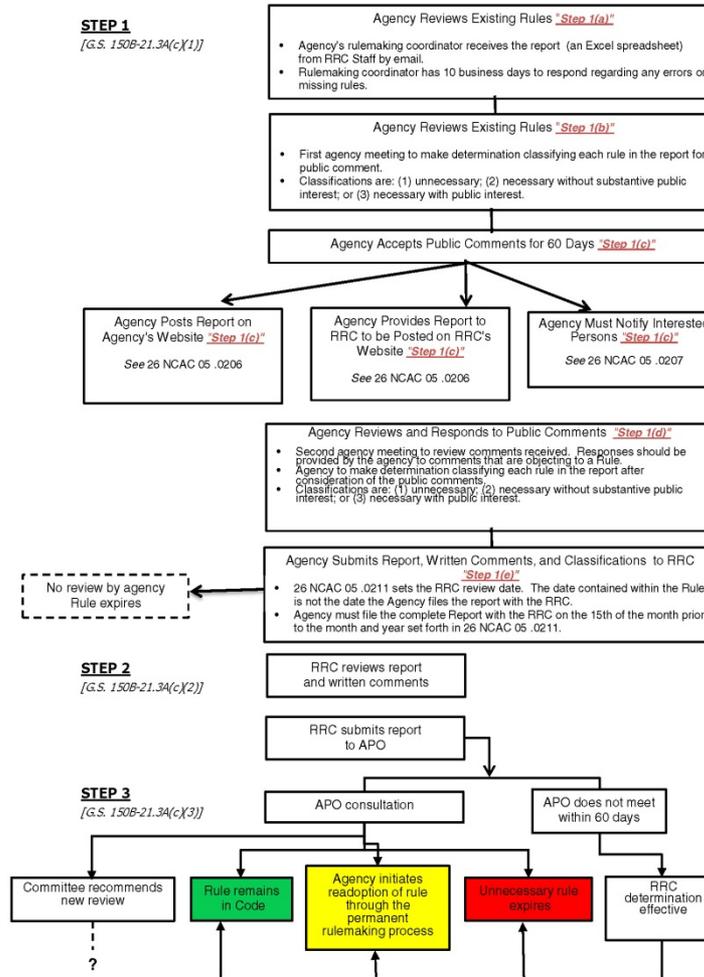
## Unnecessary

A rule that the agency determines to be obsolete, redundant, or otherwise not needed.

In addition, the agency must state whether the rule is necessary to implement or conform to federal law and if so, submit the citation.

# Periodic Review Process

## Periodic Review and Expiration of Existing Rules



## *Periodic Review of Rules*

The agency is then required to post the report with the designations on the agency website and the Office of Administrative Hearings website.

The agency must accept public comments on the designations for at least 60 days.

The agency must acknowledge every comment.

Following the comment period and after reviewing the comments the agency may decide to change the designation. If so, the agency will state the new designation in the proper column on the report.

The report and all public comments received, will be forwarded to the Rules Review Commission.

## *Periodic Review of Rules*

The Commission will review the report and all public comments received.

The Commission will submit the final report to the Administrative Procedure Oversight committee for consultation.

If the APO agrees with the designations any rule deemed:

“Unnecessary” will come out of the Code without further agency action.

“Necessary without Substantive Public Interest” will stay in the Code as written.

“Necessary with Substantive Public Interest” must be readopted pursuant to GS 150B.

# *Board Action*



## *Board Action For Periodic Review*

This year, NCDOT is assigned to review and assign designations to the rules in Chapter Two – Division of Highways.

The Board of Transportation is the rule-making authority for:  
TODS Program (eight rules)

Logo Program Fees (one rule)

Ferry Toll Rates (two rules)

# *Board Action For Periodic Review*

- January: The BOT committees will designate the rules as either:
- Necessary with Substantive Public Interest
  - Necessary without Substantive Public Interest
  - Unnecessary
- Highways Committee will review the TODS rules  
**\*Multi Modal Committee will review the Ferry rules**
- February: The Board will take action on committee recommendations
- March: The designations will be posted and the agency will accept public comments for 60 days
- May/June: The Board will review any comments and take final action on designations
- July/August: The RRC and APO review Board designations
- November: Rules are either removed, readopted, or amended

# *Board Action For Periodic Review Rule Summary*

## Ferry Tolls

- 19A NCAC 02D .0531 Free Operations  
The rule identifies ferry routes that are not tolled.
- 19A NCAC 02D .0532 Toll Operations  
The rule lists tolls for the applicable ferry routes.

# *Board Action For Periodic Review*

## *Rule Summary*

### Logo Program

- 19A NCAC 02E .0221 Logo Program Fees

The rule gives specifics re the signs used for the LOGO program and notes that the BOT sets the fee. The rule outlines information for paying the fee and the actions taken if the fee is not paid. In addition, the rule establishes the length of the contract and assigns responsibility for sign replacement in the event of damage or wear.

# *Board Action For Periodic Review*

## *Rule Summary*

### TODS Program

- **19A NCAC 02E .1101 Tourist-Oriented Directional Sign (TODS) Program**  
The rule defines “Tourist-Oriented Directional Sign Program” and gives contact information for requesting program information. The rule notes that applications will be accepted by the applicable Division Engineer.
- **19A NCAC 02E .1102 Definitions**  
The rule defines the following TODS terms: panel, trailblazer, attraction, substantial portion, significant interest, major portion, immediate area and residing.
- **19A NCAC 02E .1103 Location of TODS**  
The rule sets out the specifics concerning logistics, placement and maintenance of TODS signs.
- **19A NCAC 02E .1104 Eligibility for Program**  
The rule gives specifics concerning eligibility for the program, and provides information regarding the distance between the placement of the sign and the attraction/service the sign is promoting. The rule defines “tourist-oriented business” or “tourist oriented facility” and gives information on meeting the definition of “tourist-oriented business” or “tourist oriented facility”.
- **19A NCAC 02E .1105 Composition of Signs**  
The rule specifies what information may be displayed on a TODS sign panel.
- **19A NCAC 02E .1106 Fees**
  - The rule sets out the fee for each TODS panel or Trailblazer sign and gives information on when and how to pay the fee.
- **19A NCAC 02E .1107 Contracts with the Department**  
The rule sets out the terms of the program. Including sign installation, maintenance, removal and replacement, sign standards, sign locations, program applications, application terms, fees, failure to pay, failure to comply with program rules, transfer of attraction ownership, and states that the Department will not maintain a waiting list.
- **19A NCAC 02E .1108 Appeal of Decision**  
The rule sets out the process for appealing when an application is denied or a contract is terminated and signs removed, and the applicant or program participant believes the program is not being administered in accord with the rules.

# *Staff Recommendations To Multi Modal Committee for Periodic Review*

Section	Rule	Rule Name	Agency Determination	Implements or Conforms to a Federal Regulation	Federal Regulation Citation
<b>Ferry Tolls</b>	19A NCAC 02D .0531	Free Operations			
	19A NCAC 02D .0532	Toll Operation			

# Periodic Review Spreadsheet

Copy of 19A NCAC 02\_BOT2.xlsx - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

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	A	B	C	D	E	F	G	H	I	J	
1	G.S. 150B-21.3A Report for 19A NCAC Chapter 02, Division of Highways										
2	Agency - Transportation, Board of Transportation										
3	Comment Period - Filled in by Agency										
4	Date Submitted to APO - Filled in by RRC staff										
5	Subchapter	Rule Section	Rule Citation	Rule Name	Date and Last Agency Action on the Rule	Agency Determination [150B-21.3A(c)(1)a]	Implements or Conforms to Federal Regulation [150B-21.3A(e)]	Federal Regulation Citation	Public Comment Received [150B-21.3A(c)(1)]	Agency Determination Following Public Comment [150B-	
7		SECTION 0500 - FERRY	19A NCAC 02D .0531	FREE OPERATIONS	Amended Eff. July 7, 2014	Select One	Select One		Select One	Select One	
8			19A NCAC 02D .0532	TOLL OPERATIONS	Amended Eff. July 7, 2014	Select One	Select One		Select One	Select One	
9											
10		SECTION 0200 OUTDOOR	19A NCAC 02E .0221	FEEES	Amended Eff. February 1, 2004	Select One	Select One		Select One	Select One	
11											
12		SECTION 1100 - TOURIST-ORIENTED	19A NCAC 02E .1101	TOURIST-ORIENTED DIRECTIONAL SIGN (TODS) PROGRAM	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
13			19A NCAC 02E .1102	DEFINITIONS	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
14			19A NCAC 02E .1103	LOCATION OF TODS	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
15			19A NCAC 02E .1104	ELIGIBILITY FOR PROGRAM	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
16			19A NCAC 02E .1105	COMPOSITION OF	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
17			19A NCAC 02E .1106	FEEES	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
18			19A NCAC 02E .1107	CONTRACTS WITH THE DEPARTMENT	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
19			19A NCAC 02E .1108	APPEAL OF DECISION	Eff. August 1, 2004	Select One	Select One		Select One	Select One	
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# *Questions*

