



MEETING AGENDA  
 Monthly Meeting of the North Carolina Board of Transportation  
 1 South Wilmington Street, Raleigh, North Carolina 27601  
 May 3-4, 2017

WEDNESDAY, May 3, 2017

8:30AM – 10:30AM

Board Orientation for Incoming Members representing Division 1, Division 13 and At-Large Rural Transportation	Room 150
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11:30AM – 1:00PM

Wildflower Awards Luncheon	First Baptist Church
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1:00PM – 1:30PM

BREAK

1:30PM – 2:30PM

Highway Committee	Room 150
Multi-Modal Committee	EIC

2:30PM – 2:45PM

BREAK

2:45PM – 3:45PM

Economic Development/Intergovernmental Relations (EDIR) Committee	Room 150
Funding Appropriations and Strategies (FAST) Committee	EIC

3:45PM – 4:00PM

BREAK

4:00PM – 4:45PM

WORK SESSION – FULL BOARD ATTENDANCE

ROOM 150

Chief Financial Officer Update	Burt Tasaico
Division of Mitigation Services 2017-2018 Biennial Budget	Phil Harris Section Head, NCDOT Natural Environment Section  Tim Baumgartner Acting Director of NCDENR Division of Mitigation Services
MPO/RPO Update	David Howard

4:45PM – 5:15PM

Road, Bridge and Ferry Naming Committee	Room 160
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5:15PM

ADJOURN

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

- Call to Order Chairman Fox
- Ethics Declaration Chairman Fox
- Swearing-in of new board members The Honorable Michael R. Morgan
- Approval of April 6, 2017 Board Meeting Minutes Chairman Fox
- **Secretary's Remarks** Secretary Trogdon

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

- NC Department of Commerce Overview Secretary Anthony Copeland
- Product Evaluation Program Awareness Jessica Kuse and Ben Johnson
- Scenic Byways Update Connie Morgan
- Minority and Women-Owned Businesses in NCDOT Contracts Benny Sloan

ACTION

Chairman Fox

Approval of Projects

- (Item G) Additions and Abandonments to State Secondary Road System
- (Item I) Public Transportation Program
  - (Item I-1A) Public Transportation
  - (Item I-2) Rail Program
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) TIP Amendments
- (Item O) Municipal and Special Agreements
- (Item R) Right of Way Resolutions and Ordinances
- (Item V) Minority and Women-Owned Businesses in NCDOT Contracts

- Committee Reports Chairman Fox
- Other Business
- Adjourn

# **NCDOT Board of Transportation Agenda**

## **ITEM C**

### **APRIL 2017**

**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.  
APRIL, 2017  
DIVISION 00002

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C203925  
46483.3.1, 46484.3.1

STATE FUNDED  
CARTERET  
B-5938, B-5939  
04/18/2017

PROPOSAL LENGTH 1.61 MILES  
TYPE OF WORK BRIDGE REHABILITATION  
LOCATION BRIDGE #68 OVER BOGUE SOUND ON SR-1182 (ATLANTIC BEACH CAUSEWAY) AND BRIDGE #6 OVER  
BOGUE SOUND ON NC-58.  
EST CONST PROGRESS.... FY-2017..02% OF BID  
FY-2018..43% OF BID  
FY-2019..32% OF BID  
FY-2020..17% OF BID  
FY-2021..06% OF BID

RPN 001 4 BIDDER(S) WBE GOAL 1.00%  
ESTIMATE 17,983,827.59

DATE AVAILABLE MAY 31 2017  
FINAL COMPLETION NOV 30 2020

	\$ TOTALS	% DIFF
FREYSSINET, INC STERLING, VA	15,271,713.33	-15.1
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	17,436,510.22	-3.0
SMITH-ROWE, LLC MOUNT AIRY, NC	20,583,404.28	+14.5
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	21,576,238.10	+20.0

HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 APRIL, 2017  
 DIVISION 00005

C203902  
 42342.3.1

STATE FUNDED  
 GRANVILLE  
 B-5166  
 04/18/2017

PROPOSAL LENGTH 0.17 MILES  
 TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.  
 LOCATION BRIDGE #138 OVER GRASSY CREEK ON SR-1300.

EST CONST PROGRESS.... FY-2017..26% OF BID  
 FY-2018..74% OF BID

RPN 002                      9 BIDDER(S)              MBE GOAL 2.00 %              WBE GOAL 3.00%  
ESTIMATE 968,324.70

DATE AVAILABLE              MAY 30 2017  
 INTER COMPLETION              NOV 17 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR  
 PERMANENT VEGETATION ESTABLISHMENT  
 FINAL COMPLETION              MAY 16 2018

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	969,000.00	+0.1
SMITH-ROWE, LLC MOUNT AIRY, NC	1,024,642.91	+5.8
S T WOOTEN CORPORATION WILSON, NC	1,035,340.06	+6.9
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,042,870.25	+7.7
DELLINGER, INC. MONROE, NC	1,063,423.84	+9.8
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	1,148,308.20	+18.6
HAYMES BROTHERS, INC. CHATHAM, VA	1,165,810.25	+20.4
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	1,265,409.80	+30.7
BRYANT CONTRACTING, INC. D/B/A BRYANT CONTRACTING OF NORTH TOAI	1,415,328.05	+46.2

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL, 2017  
DIVISION 00006

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C204005  
DF15006.2024026

DF15006.2024026  
COLUMBUS

04/06/2017

PROPOSAL LENGTH 0.089 MILES  
TYPE OF WORK EXPRESS DESIGN BUILD.  
LOCATION REPLACEMENT OF ONE BRIDGE IN COLUMBUS COUNTY.

EST CONST PROGRESS.... FY-2017..57% OF BID  
FY-2018..43% OF BID

RPN 001 4 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 805,079.00

DATE AVAILABLE MAY 17 2017  
FINAL COMPLETION AUG 31 2017

	\$ TOTALS	% DIFF
THE TARA GROUP OF LUMBERTON INC LUMBERTON, NC	574,020.00	-28.7
E.S. WAGNER COMPANY, LLC - SOUTH CA PIEDMONT, SC	695,550.00	-13.6
S T WOOTEN CORPORATION WILSON, NC	739,555.00	-8.1
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JC	797,200.00	-1.0

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL, 2017  
DIVISION 00010

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C203788  
50092.3.1

HSIP-0074(156)  
UNION  
W-5520  
04/18/2017

PROPOSAL LENGTH 2.471 MILES  
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND RETAINING WALL.  
LOCATION US-74 FROM 1100 FEET WEST OF INDIAN TRAIL-FAIRVIEW ROAD TO 1200 FEET EAST OF SARDIS  
CHURCH ROAD.  
EST CONST PROGRESS.... FY-2017..08% OF BID  
FY-2018..79% OF BID  
FY-2019..13% OF BID

RPN 003 2 BIDDER(S) DBE GOAL 10.00 %  
ESTIMATE 8,662,875.17

DATE AVAILABLE MAY 31 2017  
INTER COMPLETION NOV 01 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR  
PERMANENT VEGETATION ESTABLISHMENT.  
FINAL COMPLETION APR 30 2019

	\$ TOTALS	% DIFF
SEALAND CONTRACTORS CORP CHARLOTTE, NC	9,544,080.09	+10.2
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	11,390,543.96	+31.5

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL, 2017  
DIVISION 00012

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C204008  
2017CPT.12.18.10231, 2017CPT.12.18.20231

STATE FUNDED  
CLEVELAND

04/18/2017

PROPOSAL LENGTH 31.83 MILES  
TYPE OF WORK WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.  
LOCATION US-74 (WEST DIXON BLVD) FROM SR-2049 TO SR-1152 AND 43 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..08% OF BID  
FY-2018..79% OF BID  
FY-2019..13% OF BID

RPN 004                      2 BIDDER(S)                      MBE GOAL 3.00 %                      WBE GOAL 4.00%  
ESTIMATE 6,450,556.33

DATE AVAILABLE              JUN 01 2017  
INTER COMPLETION            NOV 15 2017 COMPLETE ALL WORK REQUIRED ON MAP #2.  
FINAL COMPLETION            NOV 01 2018

	\$ TOTALS	% DIFF
ASPHALT PAVING OF SHELBY INC SHELBY, NC	6,147,519.37	-4.7
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	6,867,102.96	+6.5

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL, 2017  
DIVISION 00012

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C203800  
34522.3.5

STP-0016(52)  
CATAWBA  
R-3100A, R-3100B  
04/18/2017

PROPOSAL LENGTH 8.045 MILES  
TYPE OF WORK WIDENING, GRADING, DRAINAGE, PAVING, AND CULVERTS.  
LOCATION NC-16 FROM NORTH OF SR-1814 (CALDWELL ROAD) TO SR-1895 (TOWER ROAD).

EST CONST PROGRESS.... FY-2017..04% OF BID  
FY-2018..43% OF BID  
FY-2019..32% OF BID  
FY-2020..20% OF BID  
FY-2021..01% OF BID

RPN 005 8 BIDDER(S) DBE GOAL 9.00 %  
ESTIMATE 44,601,315.78

DATE AVAILABLE MAY 31 2017  
INTER COMPLETION AUG 01 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR  
PERMANENT VEGETATION ESTABLISHMENT.  
FINAL COMPLETION JAN 28 2021

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	41,527,709.79	-6.9
MAYMEAD, INC. MOUNTAIN CITY, TN	41,988,339.47	-5.9
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	42,626,130.00	-4.4
BRANCH CIVIL INC ROANOKE, VA	44,253,181.15	-0.8
VECELLIO & GROGAN INC BECKLEY, WV	44,628,816.46	+0.1
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	45,237,219.42	+1.4
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	46,846,164.67	+5.0
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	50,979,841.37	+14.3

HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 APRIL, 2017  
 DIVISION 00012

C203846  
 41153.3.1

IMF-085-1(113)17  
 GASTON  
 I-5000  
 04/18/2017

PROPOSAL LENGTH 0.644 MILES  
 TYPE OF WORK GRADING, DRAINAGE, PAVING, LIGHTING, SIGNALS, AND CULVERTS.  
 LOCATION GEOMETRIC SAFETY IMPROVEMENTS TO I-85/US-321 INTERCHANGE.

EST CONST PROGRESS.... FY-2018..55% OF BID  
 FY-2019..37% OF BID  
 FY-2020..08% OF BID

RPN 006                      6 BIDDER(S)              DBE GOAL    9.00 %  
ESTIMATE 14,705,167.68

DATE AVAILABLE            AUG 01 2017  
 INTER COMPLETION        NOV 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR  
 PERMANENT VEGETATION ESTABLISHMENT.  
 FINAL COMPLETION        APR 29 2020

	\$ TOTALS	% DIFF
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	15,617,950.65	+6.2
MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	16,393,917.41	+11.5
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	16,901,624.10	+14.9
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	19,234,848.32	+30.8
W. C. ENGLISH, INCORPORATED LYNCHBURG, VA	21,663,961.32	+47.3
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION COMPANY	23,883,164.07	+62.4

HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 APRIL, 2017  
 DIVISION 00013

C203953  
 39079.3.4

STP-1302(069)  
 BUNCOMBE  
 U-4715B  
 04/18/2017

PROPOSAL LENGTH 80 MILES  
 TYPE OF WORK ITS.  
 LOCATION ASHEVILLE - CITY WIDE SIGNAL IMPROVEMENTS.

EST CONST PROGRESS.... FY-2017..02% OF BID  
 FY-2018..40% OF BID  
 FY-2019..30% OF BID  
 FY-2020..21% OF BID  
 FY-2021..07% OF BID

RPN 007                      3 BIDDER(S)              DBE GOAL 1.00 %  
ESTIMATE 8,923,398.68

DATE AVAILABLE              MAY 31 2017  
 FINAL COMPLETION        DEC 22 2020

	\$ TOTALS	% DIFF
BROOKS BERRY HAYNIE & ASSOCIATES, INC. MABLETON, GA	10,649,690.08	+19.3
ALS OF NORTH CAROLINA, INC. SALISBURY, NC	11,873,668.02	+33.1
TRAFFIC CONTROL DEVICES, INC. ALTAMONTE SPRINGS, FL	12,059,250.00	+35.1

ESTIMATE TOTAL	103,100,544.93	
LETTING TOTAL	100,301,683.31	-2.7

NCDOT May 2017  
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

Chief Engineer

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts are 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.

**Divisions 1 - 4, and 6**

Description of Work:	Planning and Design LSC	
Firm:	Atkins North America, Inc., Raleigh, NC	
Original Engineering Fee:	\$3,000,000.00	
Supplemental Fee:	\$2,000,000.00	
SPSF Utilization:	Alpha & Omega Group, PC	\$100,000.00
	5%	
SPSF Utilization:	Commonwealth Heritage Group, Inc.	\$40,000.00
	2%	
DBE/WBE/SPSF Utilization:	CH Engineering PLLC	\$140,000.00
	7%	
SPSF Utilization:	Clearbox Forecast Group, PLLC	\$80,000.00
	4%	
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP	\$40,000.00
	2%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$100,000.00
	5%	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$40,000.00
	2%	
Description of Work:	Planning and Design LSC	
Firm:	CDM Smith, Inc., Atlanta, GA	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$1,000,000.00	
Supplemental Fee:	\$2,000,000.00	
SPSF Utilization:	Carolina Land Acquisitions, Inc.	\$20,000.00
	1%	
SPSF Utilization:	Environmental Services, Inc.	\$60,000.00
	3%	
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC	\$60,000.00
	3%	

May 4, 2017

DBE/WBE/SPSF Utilization:	Morton & Morton Design Services, PLLC \$20,000.00 1%
SPSF Utilization:	Summit Design and Engineering Services, PLLC \$300,000.00 15%
DBE/SPSF Utilization:	MI Engineering, PLLC \$100,000.00 5%
Description of Work: Firm:	Planning and Design LSC HDR Engineering, Inc. of the Carolinas, Chicago, IL
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$5,000,000.00
SPSF Utilization:	Hinde Engineering, Inc. \$250,000.00 5%
SPSF Utilization:	Joyner Keeny PLLC \$100,000.00 2%
SPSF Utilization:	Patriot Transportation Engineering, PLLC \$200,000.00 4%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC \$150,000.00 3%
SPSF Utilization:	Ramey Kemp & Associates, Inc. \$250,000.00 5%
Description of Work: Firm:	Planning and Design LSC Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering \$60,000.00 3%
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc. \$20,000.00 1%
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group I, Inc. \$20,000.00 1%
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. \$40,000.00 2%
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC \$100,000.00 5%
Description of Work: Firm:	Planning and Design LSC HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$4,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	Carolina Land Acquisitions, Inc. \$150,000.00 5%

**May 4, 2017**

SPSF Utilization:	Environmental Services, Inc.	\$150,000.00
	5%	
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc.	\$150,000.00
	5%	
DBE/SPSF Utilization:	MI Engineering, PLLC	\$150,000.00
	5%	
Description of Work:	Planning and Design LSC	
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC	
Original Engineering Fee:	\$3,000,000.00	
Supplemental Fee:	\$2,000,000.00	
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC	\$160,000.00
	8%	
SPSF Utilization:	Catlin Engineers and Scientists, Inc.	\$120,000.00
	6%	
SPSF Utilization:	Carolina Land Acquisitions, Inc.	\$100,000.00
	5%	
DBE/MBE/SPSF Utilization:	Vistabution LLC	\$100,000.00
	5%	
DBE/WBE/SPSF Utilization:	New South Associates, Inc.	\$40,000.00
	2%	
Description of Work:	Planning and Design LSC	
Firm:	H. W. Lochner, Inc., Raleigh, NC	
Original Engineering Fee:	\$3,000,000.00	
Supplemental Fee:	\$2,000,000.00	
SPSF Utilization:	Commonwealth Heritage Group, Inc.	\$20,000.00
	1%	
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC	\$100,000.00
	5%	
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP	\$180,000.00
	9%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$100,000.00
	5%	
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc.	\$20,000.00
	1%	
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC	\$80,000.00
	4%	
SPSF Utilization:	Sungate Design Group PA	\$100,000.00
	5%	
Description of Work:	Planning and Design LSC	
Firm:	The Louis Berger Group, Inc., Morristown, NJ	
Original Engineering Fee:	\$3,000,000.00	
Supplemental Fee:	\$2,000,000.00	
DBE/MBE/SPSF Utilization:	Accelerate Engineering PLLC	\$40,000.00
	2%	

**May 4, 2017**

SPSF Utilization:	American Engineering Associates Southeast, P.A. \$80,000.00 4%
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$100,000.00 5%
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc. \$40,000.00 2%
DBE/SPSF Utilization:	MI Engineering, PLLC \$120,000.00 6%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC \$60,000.00 3%
SPSF Utilization:	Sungate Design Group PA \$160,000.00 8%
Description of Work:	Planning and Design LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$4,500,000.00
Supplemental Fee:	\$2,500,000.00
SPSF Utilization:	Sungate Design Group PA \$375,000.00 15%
SPSF Utilization:	Hinde Engineering, Inc. \$50,000.00 2%
SPSF Utilization:	Ramey Kemp & Associates, Inc. \$50,000.00 2%
SPSF Utilization:	Southeastern Right of Way LLC \$50,000.00 2%
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group, Inc. \$50,000.00 2%
Description of Work:	Planning and Design LSC
Firm:	Calyx Engineers & Consultants, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	Planning and Design LSC
Firm:	Parsons Transportation Group, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	Sungate Design Group PA \$100,000.00 5%
DBE/WBE/SPSF Utilization:	Three Oaks Engineering \$140,000.00 7%
SPSF Utilization:	Hinde Engineering, Inc. \$80,000.00 4%
DBE/WBE/SPSF Utilization:	New South Associates, Inc. \$40,000.00 2%

Description of Work:	Planning and Design LSC	
Firm:	Rummel, Klepper & Kahl LLP, Raleigh, NC	
Original Engineering Fee:	\$3,000,000.00	
Supplemental Fee:	\$2,000,000.00	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$80,000.00
	4%	
SPSF Utilization:	Ramey Kemp & Associates, Inc.	\$20,000.00
	1%	
DBE/WBE/SPSF Utilization:	New South Associates, Inc.	\$20,000.00
	1%	
DBE/MBE/SPSF Utilization:	MM/I and Associates, LLC	\$20,000.00
	1%	
DBE/WBE/SPSF Utilization:	CH Engineering PLLC	\$40,000.00
	2%	

Description of Work:	Planning and Design LSC	
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$1,000,000.00	
Supplemental Fee:	\$4,000,000.00	
SPSF Utilization:	Carolina Ecosystems, Inc.	\$100,000.00
	2.5%	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$200,000.00
	5%	
SPSF Utilization:	Commonwealth Heritage Group, Inc.	\$80,000.00
	2%	

Description of Work:	Planning and Design LSC	
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$2,000,000.00	
Supplemental Fee:	\$3,000,000.00	
DBE/MBE/SPSF Utilization:	Neighborhood Solutions LLC	\$60,000.00
	2%	

Description of Work:	Planning and Design LSC	
Firm:	Stantec Consulting Services, Inc., Chicago, IL	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$2,000,000.00	
Supplemental Fee:	\$1,000,000.00	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$20,000.00
	2%	
SPSF Utilization:	Patriot Transportation Engineering, PLLC	\$10,000.00
	1%	
DBE/WBE/SPSF Utilization:	Anne Morris and Associates, LLC	\$10,000.00
	1%	
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc.	\$10,000.00
	1%	

**May 4, 2017**

DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc.	\$20,000.00
	2%	
DBE/SPSF Utilization:	MI Engineering, PLLC	\$20,000.00
	2%	

Description of Work:	Planning and Design LSC	
Firm:	STV Engineers, Inc., Charlotte, NC	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$1,000,000.00	
Supplemental Fee:	\$1,000,000.00	
DBE/WBE/SPSF Utilization:	Calyx Engineers & Consultants	\$200,000.00
	20%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$50,000.00
	5%	

Description of Work:	Planning and Design LSC	
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC	
Original Engineering Fee:	\$3,000,000.00	
Supplemental Fee:	\$3,000,000.00	
SPSF Utilization:	100%	

Description of Work:	Planning and Design LSC	
Firm:	TGS Engineers, Shelby, NC	
Original Engineering Fee:	\$3,000,000.00	
Supplemental Fee:	\$2,000,000.00	
SPSF Utilization:	100%	

Description of Work:	Planning and Design LSC	
Firm:	VHB Engineering NC, PC, Watertown, MA	
Original Engineering Fee:	\$3,000,000.00	
Supplemental Fee:	\$2,000,000.00	
SPSF Utilization:	Commonwealth Heritage Group, Inc.	\$20,000.00
	1%	

DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$60,000.00
	3%	
DBE/SPSF Utilization:	MI Engineering, PLLC	\$100,000.00
	5%	
DBE/WBE/SPSF Utilization:	Calyx Engineers & Consultants	\$120,000.00
	6%	
SPSF Utilization:	Sungate Design Group PA	\$100,000.00
	5%	
SPSF Utilization:	TGS Engineers	\$120,000.00
	6%	

Description of Work:	Planning and Design LSC	
Firm:	Wetherill Engineering, Inc., Raleigh, NC	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$4,000,000.00	
Supplemental Fee:	\$2,000,000.00	
DBE/WBE/SPSF Utilization:	100%	

**DIVISION 10 - 14**

Description of Work:	Planning and Design LSC	
Firm:	DRMP, Inc., Charlotte, NC	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$1,000,000.00	
Supplemental Fee:	\$3,000,000.00	
DBE/WBE/SPSF Utilization:	Three Oaks Engineering	\$90,000.00
	3%	
DBE/WBE/SPSF Utilization:	Chipley Consulting, LLC	\$60,000.00
	2%	
SPSF Utilization:	Donal Simpson FAIA, AICP	\$60,000.00
	2%	
SPSF Utilization:	Environmental Services, Inc.	\$90,000.00
	3%	
SPSF Utilization:	Hinde Engineering, Inc.	\$150,000.00
	5%	
SPSF Utilization:	Sungate Design Group PA	\$300,000.00
	10%	

Description of Work:	Planning and Design LSC	
Firm:	KCI Associates of North Carolina, PA, Raleigh, NC	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$2,000,000.00	
Supplemental Fee:	\$1,000,000.00	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$300,000.00
	30%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$50,000.00
	5%	
SPSF Utilization:	Sungate Design Group PA	\$50,000.00
	5%	

Description of Work:	Planning and Design LSC	
Firm:	Moffatt & Nichol Incorporated., Raleigh, NC	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$2,000,000.00	
Supplemental Fee:	\$2,000,000.00	
SPSF Utilization:	Ramey Kemp & Associates, Inc.	\$200,000.00
	10%	
SPSF Utilization:	Commonwealth Heritage Group, Inc.	\$160,000.00
	8%	
SPSF Utilization:	Davis-Martin-Powell & Associates, Inc.	\$160,000.00
	8%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$160,000.00
	8%	
SPSF Utilization:	North State Acquisitions, LLC	\$160,000.00
	8%	

Description of Work: Planning and Design LSC  
 Firm: Calyx Engineers and Consultants, Raleigh, NC  
 Original Engineering Fee: \$3,000,000.00  
 Previous Supplemental Fee: \$2,000,000.00  
 Supplemental Fee: \$4,000,000.00  
 DBE/WBE/SPSF Utilization: 100%

Description of Work: Planning and Design LSC  
 Firm: RS&H Architects-Engineers-Planners, Inc., Charlotte, NC  
 Original Engineering Fee: \$3,000,000.00  
 Previous Supplemental Fee: \$4,000,000.00  
 Supplemental Fee: \$2,000,000.00  
 SPSF Utilization: Carolina Ecosystems, Inc. \$60,000.00  
 3%  
 SPSF Utilization: Progressive Design Group, Inc. \$60,000.00  
 3%  
 DBE/WBE/SPSF Utilization: Planning Communities, LLC \$60,000.00  
 3%  
 SPSF Utilization: Commonwealth Heritage Group, Inc. \$60,000.00  
 3%

Description of Work: Planning and Design LSC  
 Firm: Rummel, Klepper & Kahl LLP, Raleigh, NC  
 Original Engineering Fee: \$3,000,000.00  
 Previous Supplemental Fee: \$4,000,000.00  
 Supplemental Fee: \$2,000,000.00  
 DBE/WBE/SPSF Utilization: Falcon Engineering, Inc. \$100,000.00  
 5%  
 SPSF Utilization: Ramey Kemp & Associates, Inc. \$20,000.00  
 1%  
 DBE/WBE/SPSF Utilization: New South Associates, Inc. \$20,000.00  
 1%  
 DBE/MBE/SPSF Utilization: MM/I and Associates, LLC \$20,000.00  
 1%

Description of Work: Planning and Design LSC  
 Firm: Stantec Consulting Services, Inc., Chicago, IL  
 Original Engineering Fee: \$3,000,000.00  
 Previous Supplemental Fee: \$4,000,000.00  
 Supplemental Fee: \$3,000,000.00  
 SPSF Utilization: Patriot Transportation Engineering, PLLC \$120,000.00  
 4%

DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$120,000.00
	4%	
DBE/WBE/SPSF Utilization:	Anne Morris and Associates, LLC	\$30,000.00
	1%	
Description of Work:	Planning and Design LSC	
Firm:	Stewart Engineering, Inc. Raleigh, NC	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$3,000,000.00	
Supplemental Fee:	\$2,000,000.00	
SPSF Utilization:	100%	
Description of Work:	Planning and Design LSC	
Firm:	STV Engineers, Inc., Charlotte, NC	
Original Engineering Fee:	\$3,000,000.00	
Previous Supplemental Fee:	\$3,000,000.00	
Supplemental Fee:	\$2,000,000.00	
DBE/WBE/SPSF Utilization:	Chiplew Consulting LLC	\$100,000.00
	5%	
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP	\$100,000.00
	5%	
DBE/WBE/SPSF Utilization:	New South Associates, Inc.	\$100,000.00
	5%	
SPSF Utilization:	Progressive Design Group, Inc.	\$100,000.00
	5%	

**Roadside Environmental**

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

**STATEWIDE**

Description of Work:	Building Architecture and Related Engineering Services LSC	
Firm:	Clark Patterson Engineers, Surveyor, Architect, D.P.C. Charlotte, NC	
Maximum Engineering Fee:	\$500,000.00	
SPSF Utilization:	0%	
Description of Work:	Building Architecture and Related Engineering Services LSC	
Firm:	Stantec Consulting Services, Inc., Chicago, IL	
Maximum Engineering Fee:	\$500,000.00	
SPSF Utilization:	0%	

Description of Work: Building Architecture and Related Engineering Services LSC  
Firm: Summit Design and Engineering Services, PLLC, Hillsborough, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 100%

Description of Work: Building Architecture and Related Engineering Services LSC  
Firm: Weeks Turner Architecture, PA, Raleigh, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: Lysaght & Associates, P.A. \$75,000.00  
15%

### Transit

#### Aviation

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

#### STATEWIDE

Project: 36246.90 Statewide  
UAS Program Manager Sole Source contract with Gibson Sales Solutions, LLC to support current UAS integration as mandated by NC Legislature

Scope of Work: Unmanned Aircraft System (UAS) Program Management -- The purpose of this project is to support the development, implementation, and management of Unmanned Aircraft Systems (UAS) related programs in the State of North Carolina as required of the Division of Aviation by North Carolina General Statutes.

Firm: Gibson Sales Solutions, LLC, Waxhaw, NC  
Original Engineering Fee: \$151,450.60  
Supplemental Fee: \$155,687.90  
Supplemental Work: Supporting the NCDOT – Division of Aviation in the development, implementation and management of Unmanned Aircraft Systems

SPSF Utilization: 0%

**NCDOT MAY 2017 BOARD OF TRANSPORTATION AGENDA  
Secondary Road Improvement Projects (Highway and Trust Funds)**

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

Div / County	SR No. / Road Name	Description	Amount
Div 5 Wake	SR 2747 John Adams Rd	GDB&P Increase funds 5C.092100	\$548,555.00
Div 9 Forsyth	SR 1601 Payne Rd	GDB&P Increase funds 9C.034100	\$21,255.42
Div 11 Ashe	SR 1111 Big Flatts Church Rd	GDB&P Increase funds 11C.005138	\$145,000.00
Div 11 Ashe	SR 1339 Roaring Branch Rd	GDB&P Increase funds 11C.005148	\$484,809.31
Div 11 Avery	SR 1338 Norwood Hollow / Amett Rd	GDB&P Increase funds 11C.006064	\$25,000.00
Div 11 Caldwell	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Ect. Increase funds 11C.014020	\$19,744.94
Div 11 Caldwell	Countywide	Surveys & ROW acquisition Increase funds 11C.014021	\$5,000.00
Div 11 Caldwell	SR 1356-C Old John's River Rd	GDB&P Increase funds 11C.014093	\$45,000.00
Div 11 Watauga	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Ect. Increase funds 11C.095027	\$29,459.01

**May 4, 2017**

**NCDOT MAY 2017 BOARD OF TRANSPORTATION AGENDA  
Secondary Road Improvement Projects (Highway and Trust Funds)**

Div / County	SR No. / Road Name	Description	Amount
Div 11 Watauga	SR 1207-B Hattie Hill Rd	GDB&P Increase funds 11C.095112	\$115,000.00
Div 11 Watauga	SR 1324 Chesnut Grove Rd	GDB&P Increase funds 11C.095113	\$25,000.00
Div 11 Watauga	SR 1541 Payne Branch Rd	GDB&P Increase funds 11C.095114	\$15,000.00

**Closings:**

Div / County	SR No. / Road Name	Description	Amount
Div 8 Randolph	Countywide	Surveys & ROW acquisition Increase & close 8C.076022	\$19,722.82
Div 9 Davidson	SR 1835 / 1836 Bethesda Rd	Shoulder reconstruction; repair and replace crossline drainage Increase & close 9C.029100	\$61,218.51
Div 13 Buncombe	SR 3228 Fox Branch Rd	GDB&P Increase & close 13C.011220	\$16,022.23

**Item E Summary:**

<b>0</b>	<b>Projects to Establish Funds</b>	<b>0.00</b>
<b>12</b>	<b>Projects to Increase Funds</b>	<b>\$1,478,823.69</b>
<b>3</b>	<b>Projects to Increase and Close</b>	<b>\$96,963.56</b>
<b>0</b>	<b>Projects Deletions</b>	<b>0.00</b>

May 4, 2017

## NCDOT May 2017 Board of Transportation Agenda

### Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 3</b>				
Onslow	51333		<b>Canons Edge Subdivision</b>	2/28/17
		0.54	Prelude Drive, SR 2734 Ext.	
		0.07	Duet Court	
		0.06	Sonata Court	
		0.15	Tempo Trail	
		0.18	Cadenza Drive	
Onslow	51334		<b>Bradford Estates Subdivision</b>	3/27/17
		0.06	Hester Court	
Onslow	51335		<b>Bell Ridge Subdivision</b>	3/21/17
		0.14	Bell Ridge Lane	
Onslow	51336		<b>Carolina Plantations Subdivision</b>	3/30/17
		0.96	Sonoma Road	
		0.39	Oldetown Street	
		0.21	Louvre Lane	
		0.16	Grand Avenue	
		0.07	Hemming Way	
Onslow	51337		<b>Russell Farms Subdivision</b>	12/22/16
		0.18	Russell Farm Drive	
Pender	51338		<b>The Walk at Sloop Point Subdivision</b>	2/20/17
		0.09	Strawberry Field Way	
		0.14	E. Bailey Lane	
		0.03	Farm Meadow Court	
		0.12	W. Bailey Lane	
		0.05	Silo Court	
Pender	51339		<b>Island Creek Subdivision</b>	2/20/17
		0.09	Chase Lane	
		0.16	Stellas Way	
<b>Division 4</b>				
Johnston	51340		<b>319 Commercial Park</b>	2/13/17
		0.15	Crape Myrtle Drive	
		0.28	Annette Drive	
<b>Division 5</b>				
Durham	51341		<b>Kenwood Acres Subdivision</b>	2/20/17
		0.24	Briardale Road	

May 4, 2017

## NCDOT May 2017 Board of Transportation Agenda

### Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 5</b>				
Franklin	51342		<b>Stephens Glen Subdivision</b>	2/21/17
		0.09	Stephens Way	
		0.06	James Joyce Court	
		0.33	Paddy Lane	
		0.13	Oscar Wilde Way	
		0.08	Glasview Lane	
<b>Division 6</b>				
Cumberland	51343		<b>Ruth's Place Subdivision</b>	3/13/17
		0.25	Ruth Bunce Lane	
<b>Division 7</b>				
Guilford	51344		<b>Reata Subdivision</b>	5/13/15
		0.05	Eagle Nest Court	
		0.27	Eagle Nest Drive	
Guilford	51345		<b>Brook Meadows Subdivision</b>	8/1/16
		0.16	Kaleigh Way	
		0.62	Brooke Meadows Drive, SR 4791 Ext.	
Rockingham	51346		<b>Sharpe Wood Acres Subdivision</b>	12/19/16
		0.52	Victoria Circle	
Rockingham	51347		<b>Deep Springs Country Club Subdivision</b>	8/18/16
		0.29	Carriage Drive, SR 2254 Ext.	
		0.17	Pine Hill Road	
<b>Division 10</b>				
Union	51348		<b>McKinley Forest Subdivision</b>	12/28/16
		0.06	Copper Tree Lane, SR 3896 Ext.	
		0.15	Hidden Pond Lane	
<b>Division 12</b>				
Alexander	51349	0.10	W E Baab Industrial Drive, SR 1584 Ext.	3/15/17
Lincoln	51350		<b>Foxlaire Subdivision</b>	2/24/17
		0.25	Foxlaire Drive	

## NCDOT May 2017 Board of Transportation Agenda

### Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 3</b>				
Onslow	51351	0.01	Portion of SR 1313 Mills Field Road	2/20/17
<b>Division 6</b>				
Cumberland	51352	0.22	SR 3827 McNeill Hobbs Road	3/3/17
Cumberland	51353	0.15	SR 3826 Winslow Street	3/3/17
<b>Division 10</b>				
Caswell	51354	0.63	Portion of SR 1370 Rock Quarry Road	9/8/16

**Summary:   Number of Roads Petitioned for Addition – 40**  
**Number of Roads Petitioned for Abandonment – 4**

### Correction:

Division 3 – Brunswick County Petition 51296 added SR 1623 Birchbank Court. It should be listed as Birchbark Court.

**NCDOT MAY 2017 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 2 Greene	Town of Hookerton – Reconstruct/pave and add curb and gutter on N William Hooker Dr  WBS 50249	Contingency  <u>TOTAL</u>	\$150,000.00  <u>\$150,000.00</u>
Div 2 Lenoir	City of Kinston – Road construction of French's Lane between Mitchell St and French's Ln for approximately 350 ft  WBS 49026	Econ Development Public Access Contingency  <u>TOTAL</u>	\$7,500.00 \$5,000.00 \$106,000.00  <u>\$118,500.00</u>
Div 4 Johnston	Cut down hill and lay down slope beside NC-210 west of SR 1010  WBS 80038	Contingency  <u>TOTAL</u>	\$100,000.00  <u>\$100,000.00</u>
Div 4 Johnston	Extend right east bound deceleration lane on NC-42 on to Cornwallis Rd  WBS 80039	Contingency  <u>TOTAL</u>	\$150,000.00  <u>\$150,000.00</u>
Div 4 Nash	City of Rocky Mount – Construct sidewalk and refuge island on NC-97 at Ravenwood Dr  WBS 80040	Contingency  <u>TOTAL</u>	\$70,000.00  <u>\$70,000.00</u>
Div 4 Wayne	Town of Mount Olive – Reconfigure striping and signal timing at the intersection of NC-55 and US-117A WBS 80041	Small Construction  <u>TOTAL</u>	\$15,000.00  <u>\$15,000.00</u>
Div 5 Wake	WBS 46914 was established (01/17) to mill and repave Birch Ridge Dr and Middle Branch Dr near the Century Center NCDOT complex in order for the City to take over maintenance Increase funds	Contingency  <u>TOTAL</u>	\$50,000.00  <u>\$50,000.00</u>

**NCDOT MAY 2017 BOARD OF TRANSPORTATION AGENDA  
Funds Request  
Division-wide Small Construction, Statewide Contingency,  
Public Access, Economic Development**

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 6 Columbus	Replace and repair median drainage structures along US-74 from NC-214 to the Robeson County line Other funding: \$122,661.27 (Primary Maintenance) WBS 47408	Contingency <hr/> TOTAL	\$519,838.73 <hr/> \$519,838.73
Div 6 Cumberland	Town of Spring Lake – WBS 50138.3.180 was established (03/16) to construct median islands on NC-24/87 (Bragg Blvd) from Odell Rd to McKenzie St via W-5601FW Increase funds	Small Construction <hr/> TOTAL	\$51,595.30 <hr/> \$51,595.30
Div 7 Alamance	Town of Elon – WBS 43830 was established (03/13) for Improvements for pedestrian crossing and construct curb & gutter along the west side of North Oak St between E Lebanon Ave (non-system) and E Haggard Ave Increase funds	Small Construction <hr/> TOTAL	\$73,475.37 <hr/> \$73,475.37
Div 9 Forsyth	City of Winston Salem – WBS 44610 was established (05/16) for pedestrian improvements on Cloverdale Ave and Miller St Increase funds	Contingency <hr/> TOTAL	\$500,000.00 <hr/> \$500,000.00
Div 10 Mecklenburg	City of Charlotte – WBS 43957 was established (11/13) for roadway improvements on SR 2004 (Mount Holly-Huntersville Rd) and its intersections with NC-16 (Brookshire Blvd) and Couloak Dr Increase & close	Small Construction <hr/> TOTAL	\$41,509.34 <hr/> \$41,509.34
Div 10 Mecklenburg	Top trees along ROW line of NC-115 (Old Statesville Rd) near SR 2484 (Old Reames Rd) to allow for relocation of AT&T lines WBS 47413	Small Construction <hr/> TOTAL	\$18,500.00 <hr/> \$18,500.00
Div 11 Wilkes	WBS 46418.3.1 was established (06/15) to construct a roundabout at the intersection of US-421 / SR 1001 (Oakwoods Rd) / SR 2461 (Edgewood Rd) Increase funds	Small Construction <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00

**NCDOT MAY 2017 BOARD OF TRANSPORTATION AGENDA**  
**Funds Request**  
**Division-wide Small Construction, Statewide Contingency,**  
**Public Access, Economic Development**

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 11 Yadkin	Town of Boonville – WBS 44462 was established (06/15) for widening, drainage improvements, and improve radii on SR 1367 (River Rd) near NC-67 (East Main St) in Boonville to provide truck access to a new facility Increase funds	Small Construction <hr/> TOTAL	\$8,887.73 <hr/> \$8,887.73
Div 14 Henderson	WBS 44778 was established (05/16) to install actuated flasher at US-64 (Brevard Rd) and SR 1213 (Old Homestead Rd) Increase funds	Small Construction <hr/> TOTAL	\$10,000.00 <hr/> \$10,000.00
Div 14 Jackson	Town of Sylva – WBS 44785 was established (05/16) to install pedestrian signals at US-23 Business and SR 1135 (Savannah Dr) Increase funds	Small Construction <hr/> TOTAL	\$17,000.00 <hr/> \$17,000.00
Div 14 Jackson	Construct Emergency Vehicle Entering When Flashing signs and flashers on US-441 at SR 1543 (Shoal Creek Church Loop) for Qualla Fire Dept WBS 47334	Small Construction <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00
Div 14 Macon	Town of Franklin – WBS 44780 was established (05/16) to modify drainage on SR 1442 (West Palmer St) Increase funds	Small Construction <hr/> TOTAL	\$50,000.00 <hr/> \$50,000.00
Div 14 Swain	WBS 43156 was established (03/11) to construct left and right turn lanes on US-19 at the intersection of Goose Creek Rd; scope change to install flashers and warning signs in lieu of turn lane construction Increase funds	Small Construction <hr/> TOTAL	\$65,000.00 <hr/> \$65,000.00

**NCDOT MAY 2017 BOARD OF TRANSPORTATION AGENDA  
Funds Request  
Division-wide Small Construction, Statewide Contingency,  
Public Access, Economic Development**

<b>Summary:</b>	<b>Number of Divisions</b>	<b>9</b>
	<b>Number of Projects</b>	<b>20</b>
	<b>Small Construction Commitment</b>	<b>\$625,967.74</b>
	<b>Public Access Commitment</b>	<b>\$5,000.00</b>
	<b>Contingency Commitment</b>	<b>\$1,645,838.73</b>
	<b>Economic Development</b>	<b>\$7,500.00</b>
	<b>TOTAL</b>	<b><u>\$2,284,306.47</u></b>

**NCDOT May 2017 Board of Transportation Agenda**

**Public Transportation Program**

**Town/County  
Division**

**Project Description**

**Estimated  
Cost**

There will be no items presented for approval at the May 4, 2017 Board of Transportation meeting.

**STIP Approval  
ITEM I – 1A  
(See Below)**

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

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TA-6679	Gastonia Transit	Bus replacement	FUZ	5307	1,080						
			State	S	135						
			Local	L	135						
TA-6680	Gastonia Transit	Transporter Van Replacement	FUZ	5307	32						
			State	S	4						
			Local	L	4						
TO-5209H	Piedmont Authority for Regional Transportation (PART)- High Point Urban Area	Operating Expenses	5307	CMAQ	300						
			Local	L	300						
TT-6108	Go Raleigh	Transit Signal Priority Project	5307	CMAQ		1,000					
			Local	L		250					

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

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TO-5142	Gastonia Transit	Operating Expenses	Fuz	5307	1,700	1,076					
			SMAP	SMAP	0	278	268	268	268	268	268
			Local	L	1,700	1,076					
TG-5117A	Gastonia Transit	Preventative Maintenance	Fuz	5307	640	412	416	500	500	500	500
			Local	L	160	103	104	125	125	125	125
TG-5117B	Gastonia transit	ADA Paratransit	FUZ	5307	480	312	500	500	500	500	500
			Local	L	120	78	125	125	125	125	125
TG-5117	Gastonia Transit	Transit Enhancements & Misc. (Pedestrian walkways, signs, shelters, security, etc.)	FUZ	5307	160	309	312	181	181	181	181
			Local	L	40	77	78	45	45	45	45

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

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TD-4904	Jacksonville Transit	Facility- Transit Center- Downtown	Fuz	5307		3,849					
			T	S		755					
			Local	L		1,520					
TD-4905	Jacksonville Transit	Facility- Park and Ride	Fuz	5307	750						
			Local	L	188						

TA-4990B	Fayetteville Area System Transit	One expansion bus	FBUS	5339		391					
			T	STAT		35					
			Local	L		35					
TA-5185	Lincoln County		FEPD	5310				50			
			Local	L				6			
			T	STAT				6			
TA-5171	Cape Fear		STPDA	5307	744						
			Local	L	186						
TG-6175	City of Asheville (ART)	Construct Bus shelters on US-70	STPDA	5307	44						
			Local	L	11						

Item I-1A, 14 Projects, Total Federal/State funds \$21,834,000

*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	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TG-6185	Piedmont Authority for Regional Transportation	Routine Capital- Passenger amenities, parts, equipment, and preventative maintenance capital cost of contracting	FUZ	5307	34	34	34	34	34	34	
			Local	L	9	9	9	9	9	9	

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

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TO-5209	Piedmont Authority for Regional Transportation- Greensboro Urban Area	Operating Assistance	FUZ	5307	216	216	216	216	216	216	
			Local	L	216	216	216	216	216	216	

Item I-1B, 2 Projects, Total Federal/State funds \$1,500,000

**NCDOT May 2017 Board of Transportation Agenda  
Rail Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide 80000.1.2.1	The Rail Division requests Board approval of additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to cover the additional costs needed on a pragmatic basis for project management and inspections. The estimated additional cost to the Department is \$200,000. FRRCSI ID: F14199	\$200,000
Division 1 Martin County 80000.3.1.	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the extension of an existing rail industrial spur track to serve Project A/C. The company proposes to construct a new facility in Martin County and create a minimum of 31 jobs during the first two years and invest a total of \$15.39 million for the project. The company anticipates shipping 89 carloads of rail freight per year and requires additional rail access in order to develop the Martin County site. Funding is contingent upon a completed Rail Industrial Access application with approved reimbursement percentage. The estimated cost of the rail spur is \$1,650,000. The total estimated cost to the Department is \$210,000. FRRCSI ID: F17312	\$210,000
Division 8 Lee County 80000.1.4.	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for a project that replaces rails on the Atlantic & Western Railway (ATW) to improve safety and operating efficiency. The total cost of the project is \$580,060.80. The total estimated cost to the Department is \$305,000. FRRCSI ID: F17107	\$305,000
Division 8 Scotland County 80000.1.4.	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the replacement of rail and crossties as well as surfacing for the Laurinburg and Southern Railroad (LRS) to improve safety and operating efficiency. The total cost of the project is \$1,499,685. The total estimated cost to the Department is \$788,000. FRRCSI ID: F17108	\$788,000

Division 8 Scotland County 80000.3.1.	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the construction of a Rail Industrial Access track to serve Mountaire Farms. The company proposes to create a minimum of 65 jobs during the first two years and invest a total of \$43.8 million for the project. They anticipate shipping 2,160 carloads of rail freight per year. Funding is contingent upon a completed Rail Industrial Access application with approved reimbursement percentage. The cost of the Rail Industrial Access track is \$9,282,133. The total estimated cost to the Department is \$210,000. FRRCSI ID: F17313	\$210,000
Divisions 9 & 11 Forsyth, Stokes, Surry and Wilkes Counties 80000.1.4.	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the replacement of rail and crossties for the Yadkin Valley Railroad (YVRR) to improve safety and operating efficiency. The total cost of the project is \$1,200,820. The total estimated cost to the Department is \$631,000. FRRCSI ID: F17109	\$631,000
Division 10 Mecklenburg County 80000.1.4.	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the upgrade of track and bridges to 286K capacity for the Aberdeen Carolina & Western Railway (ACWR) to improve safety and operating efficiency. The total cost of the project is \$318,510. The total estimated cost to the Department is \$168,000. FRRCSI ID: F17110	\$168,000
Divisions 11,12, & 13 Burke, Caldwell & Catawba Counties 80000.1.4.	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for bridge repairs, the replacement or crossties, rail, switches, and highway/rail at-grade crossing renewal for the Caldwell County Railroad (CWCY) to improve bridge safety and operating efficiency. The total estimated cost of the project is \$419,000. The total estimated cost to the Department is \$220,000. FRRCSI ID: F17111	\$220,000

Division 12 Cleveland County 80000.3.1.	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the construction of a Rail Industrial Access track to serve Clearwater Paper. The company proposes to create a minimum of 180 jobs during the first two years and invest a total of \$330 million for the project. They anticipate shipping 1,825 carloads of rail freight per year. Funding is contingent upon a completed Rail Industrial Access application with approved reimbursement percentage. The total cost of the Rail Industrial Access track is \$2,436,137. The total estimated cost to the Department is \$210,000. FRRCSI ID: F17314	\$210,000
Division 12 Iredell County 80000.1.4.	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for upgrades to the Statesville Yard Track and switches, including the construction of a new storage track for the Alexander Railroad (ARC) to improve capacity and operating efficiency. The yard is currently at 100% capacity and the proposed project would increase capacity by 57%. The total cost of the project is \$1,000,300. The total estimated cost to the Department is \$525,000. FRRCSI ID: F17112	\$525,000
Division 14 Jackson & Swain Counties 80000.1.4.	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the replacement of crossties and rail, surfacing, and bridge repairs for the Great Smoky Mountains Railroad (GSMR) to improve safety and operating efficiency. The total cost of the project is \$957,678. The estimated cost to the Department is \$503,000. FRRCSI ID: F17113	\$503,000

**ITEM I-2 SUMMARY – 11 PROJECTS – (TOTAL FEDERAL AND STATE) \$3,970,000**

**NCDOT May 2017 Board of Transportation Agenda**

**Bike & Pedestrian Program**

**Town/County  
Division**

**Project Description**

**Estimated  
Cost**

There will be no items presented for approval at the May 4, 2017 Board of Transportation meeting.

**ITEM I-3 SUMMARY – NO PROJECTS**

**May 2017 Board of Transportation Agenda**

**Aviation Division**

**Town/County  
Division**

**Project Description**

**Estimated  
Cost**

There will be no items presented for approval at the May 4, 2017 Board of Transportation meeting.

**ITEM I-4 SUMMARY – NO PROJECTS**

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Bertie Co. Div. 1 R-5809 DIVISION	WBS 46976.1.1 NC 45 from Hertford County Line to Washington County Line. Initial funds are requested for preliminary engineering.	\$750,000.00
Camden Co. Div. 1 R-5807 DIVISION	WBS 46969.1.1 NC 343 from US 158 to SR 1119 (South Trotman Road) in Shiloh. Initial funds are requested for preliminary engineering.	\$750,000.00
Dare Co. Div. 1 B-5943 STATEWIDE	WBS 46482.3.1 Bridge # 54 over Croatan Sound on US 64 Bypass. Initial funds are requested for construction.	\$2,000,000.00
Gates Co. Div. 1 R-5808 DIVISION	WBS 46972.1.1 US 158 from SR 1002 (Acorn Hill Road) to Pasquotank County Line. Initial funds are requested for preliminary engineering.	\$800,000.00
Hertford Co. Div. 1 R-5796 REGIONAL	WBS 46881.1.1 US 13/ NC 42/NC 561 (Memorial Drive) from Peachtree Street to NC 42. Initial funds are requested for preliminary engineering.	\$750,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Hertford Co. Div. 1 R-5811 DIVISION	WBS 46980.1.1 SR 1400 (River Road) from NC 461 to end of state maintenance. Initial funds are requested for preliminary engineering.	\$300,000.00
Hyde Co. Div. 1 B-5942 REGIONAL	WBS 46481.3.1 Bridge # 20 over Intracoastal Waterway on US 264. Initial funds are requested for construction.	\$1,110,000.00
Northampton Co. Div. 1 R-5758 DIVISION	WBS 44682.3.1 US 258 from Halifax County Line to Rich Square Town Limits. Initial funds are requested for construction.	\$1,800,000.00
Pasquotank Co. Div. 1 U-5939 REGIONAL	WBS 46887.1.1 US 17 Business to SR 1145 (Oak Stump Road). Initial funds are requested for preliminary engineering	\$500,000.00
Pasquotank Co. Div. 1 U-5940 REGIONAL	WBS 46886.1.1 US 17 (Hughes Boulevard) from SR 1308 (Church Street) to US 17 Business (North Road Street). Initial funds are requested for preliminary engineering.	\$2,000,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Perquimans Co. Div. 1 R-5716 DIVISION	WBS 50212.2.1 SR 1300 (New Hope Road) from SR 1302 (Union Hall Road) to SR 1303 (Woodland Church Road). Initial funds are requested for full right of way.	\$115,000.00
Perquimans Co. Div. 1 R-5716 DIVISION	WBS 50212.2.2 SR 1300 (New Hope Road) from SR 1301 (Old Neck Road) to SR 1302 (Union Hall Road). Initial funds are requested for utilities.	\$40,000.00
Perquimans Co. Div. 1 R-5740 DIVISION	WBS 50198.1.1 SR 1329 (Woodville Road) from SR 1331 (Red Bank Road) to SR 1300 (New Hope Road). \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$125,000.00
Perquimans Co. Div. 1 R-5806 DIVISION	WBS 46966.1.1 SR 1336 (Harvey Point Road) from US 17 to Churches Lane. Initial funds are requested for preliminary engineering.	\$50,000.00
Beaufort Co. Div. 2 U-5860 DIVISION	WBS 46386.1.1 SR 1306 (15th Street), from US 17 Business (Carolina Avenue) to Brown Street. \$730,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$130,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Craven Co. Div. 2 R-5777A STATEWIDE	WBS 44648.1.2 US 70 at Taverna Way. Initial funds are requested for preliminary engineering.	\$750,000.00
Jones Co. Div. 2 R-2514C STATEWIDE	WBS 34442.2.4 US 17 from North of Maysville to South of NC 58 near Pollocksville. \$9,883,957.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This project has previously been identified as a Trust Fund Intrastate System project. This is a Strategic Transportation Investments Transition project.</b>	\$140,000.00
Jones/ Onslow Cos. Divs. 2/3 R-2514D STATEWIDE	WBS 34442.2.S5 US 17 from North of NC 58 to the New Bern Bypass. \$6,400,000.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This is a Strategic Transportation Investments Transition project.</b>	\$130,000.00
Pitt Co. Div. 2 R-2250 STATEWIDE	WBS 34411.1.2 NC 11 - 903 (Greenville Southwest Bypass) from NC 11 to US 264 (Greenville Bypass). \$8,248,773.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This project has previously been identified as a Trust Fund Urban Loop project. This is a Strategic Transportation Investments Transition project.</b>	\$310,000.00
Pitt Co. Div. 2 U-5919 DIVISION	WBS 44641.1.1 SR 1126 (Boyd Street) from NC 11 to Railroad Street. Initial funds are requested for preliminary engineering.	\$500,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wayne/ Lenoir Cos. Div. 2/4 R-2554WM STATEWIDE	WBS 34461.4.S3 US 70 (Goldsboro Bypass). \$6,988,487.00 has previously been approved for wetland mitigation. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$310,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.1.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$8,565,302.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$160,000.00
Pender Co. Div. 3 U-5732A REGIONAL	WBS 54023.2.2 Dan Owen Drive from SR 1570 (Factory Road) to Dan Owen Drive. Initial funds are requested for full right of way and utilities.	\$755,000.00
Johnston Co. Div. 4 R-5722 DIVISION	WBS 50216.3.1 SR 1913 (Wilson's Mills Road) from SR 1501 (Swift Creek Road) to east of SR 1908 (Fire Department Road). Initial funds are requested for construction.	\$1,000,000.00
Johnston Co. Div. 4 R-5722 DIVISION	WBS 50216.1.1 SR 1913 (Wilson's Mills Road) from SR 1501 (Swift Creek Road) to east of SR 1908 (Fire Department Road). \$181,445.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$140,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham Co. Div. 5 U-6021 DIVISION	WBS 47147.1.1 SR 1118 (Fayetteville Road) from Woodcroft Parkway to Barbee Road in Durham. Initial funds are requested for preliminary engineering.	\$500,000.00
Franklin Co. Div. 5 R-3608 REGIONAL	WBS 46957.1.1 US 401 / NC 39 from NC 56 / NC 581 (Nash Street) to SR 1229 (Main Street) Initial funds are requested for preliminary engineering.	\$250,000.00
Franklin Co. Div. 5 U-6024 DIVISION	WBS 47151.1.1 US 401 / NC 39 from Burke Boulevard to NS 56 / NC 581 (Nash Street) in Louisburg. Initial funds are requested for preliminary engineering.	\$250,000.00
Granville Co. Div. 5 U-6020 DIVISION	WBS 47165.1.1 NC 56 (East C Street) at SR 1215 (West Lyon Station Road) in Butner. Initial funds are requested for preliminary engineering.	\$250,000.00
Person Co. Div. 5 U-5969 REGIONAL	WBS 45957.1.1 US 501 from south of US 158 to SR 1601 (North Main Street) in Roxboro. Initial funds are requested for preliminary engineering.	\$500,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Vance Co. Div. 5 TA-6667 REGIONAL	WBS 47242.1.1 Kerr area Transportation Authority. Purchase one light transit vehicle (LTV). Initial funds are requested for preliminary engineering.	\$6,000.00
Wake Co. Div. 5 I-5966 STATEWIDE	WBS 45916.1.1 I-40 from SR 1002 (Aviation Parkway) to SR 1652 (Harrison Avenue) in Cary. Initial funds are requested for preliminary engineering.	\$500,000.00
Wake Co. Div. 5 I-5968 STATEWIDE	WBS 45921.1.1 I-540 from US 70 to SR 1829 (Leesville Road) in Raleigh. Initial funds are requested for preliminary engineering.	\$250,000.00
Wake Co. Div. 5 P-5500 DIVISION	WBS 44092STI.1.1201 Raleigh Union Station - City of Raleigh. Initial funds are requested for preliminary engineering. <b>This is a Strategic Transportation Investments Transition project.</b>	\$49,691.00
Wake Co. Div. 5 P-5500 DIVISION	WBS 44092STI.3.1200 Raleigh Union Station - City of Raleigh. Initial funds are requested for construction. <b>This is a Strategic Transportation Investments Transition project.</b>	\$1,146,528.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 P-5500 DIVISION	WBS 44092STI.1.1202 Raleigh Union Station - City of Raleigh. Initial funds are requested for preliminary engineering. <b>This is a Strategic Transportation Investments Transition project.</b>	\$262,387.00
Wake Co. Div. 5 P-5500 DIVISION	WBS 44092STI.3.1202 Raleigh Union Station - City of Raleigh. \$4,000,000.00 has previously been approved for construction. Additional funds are requested. <b>This is a Strategic Transportation Investments Transition project.</b>	\$2,502,655.00
Wake Co. Div. 5 P-5500 DIVISION	WBS 44092STI.2.1200 Raleigh Union Station - City of Raleigh. Initial funds are requested for full right of way and utilities. <b>This is a Strategic Transportation Investments Transition project.</b>	\$38,741.00
Wake Co. Div. 5 TA-6668 REGIONAL	WBS 47244.1.1 GoTriangle transit purchase expansion vehicles for DRX route. Initial funds are requested for preliminary engineering.	\$243,000.00
Wake Co. Div. 5 TD-5264B DIVISION	WBS 54009.1.1 Cary transit/C-Tran. Construct bus maintenance facility at Towerview Court in Cary. Initial funds are requested for preliminary engineering.	\$88,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 U-5936 STATEWIDE	WBS 45944.1.1 SR 1728 (Wade Avenue) from I-40 to I-440 in Raleigh. Initial funds are requested for preliminary engineering.	\$500,000.00
Wake Co. Div. 5 U-5966 REGIONAL	WBS 45980.1.1 New route from SR 1613 (McCrimmon Parkway) to NC 540 in Morrisville. Initial funds are requested for preliminary engineering.	\$750,000.00
Wake Co. Div. 5 U-5980 REGIONAL	WBS 46898.1.1 US 401 / NC 42 / NC 55 from SR 2768 / SR 5056 (North Judd Parkway) to NC 42 / NC 55. Initial funds are requested for preliminary engineering.	\$250,000.00
Wake Co. Div. 5 U-5981 REGIONAL	WBS 46897.1.1 US 1 at NC 55 interchange in Apex. Initial funds are requested for preliminary engineering.	\$500,000.00
Wake/ Orange Cos. Divs. 5/7 TA-6669 REGIONAL	WBS 47245.1.1 Purchase expansion vehicles for CRX routes. Initial funds are requested for preliminary engineering.	\$243,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Columbus Co. Div. 6 R-5819 DIVISION	WBS 47091.1.1 US 74 / US 76 at SR 1740 (Old Lake Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Columbus Co. Div. 6 R-5820 DIVISION	WBS 47092.1.1 US 74 / US 76 at SR 1735 (Chauncey Town Road). Initial funds are requested for preliminary engineering.	\$850,000.00
Cumberland Co. Div. 6 TA-4990B DIVISION	WBS 47404.1.1 Fayetteville area transit system. One expansion bus. Initial funds are requested for preliminary engineering.	\$35,000.00
Robeson Co. Div. 6 P-4900A STATEWIDE	WBS 41099.3.2 Railroad Bypass of Pembroke to allow North to South shipments to turn East. Grading and structures for new rail connector in northeast quadrant between CSX A-Line and CSX SE Line. \$8,200,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This is a Strategic Transportation Investments Transition project.</b>	\$400,000.00
Robeson Co. Div. 6 U-5797 DIVISION	WBS 44367.1.1 SR 1997 (Fayetteville Road) from Farrington Street to East 22nd Street. \$700,000.00 has previously been approved for preliminary engineering. Additional funds are requested to complete the design plans.	\$634,200.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mebane/ Alamance Co. Div. 7 U-3109A REGIONAL	WBS 34900.3.5 NC 119 relocation from I-40 / I-85 to north of SR 1921 (Mebane Rogers Road / Stage Coach Road). Initial funds are requested for construction based on the 12 month Tentative Letting List published April 7, 2017.	\$49,100,000.00
Alamance Co. Div. 7 U-5843 DIVISION	WBS 50233.1.1 US 70 (Church Street) at SR 1817 (Graham-Hopedale Road) in Burlington. Intersection improvements. \$263,067.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$130,000.00
Orange Co. Div. 7 TE-5205 REGIONAL	WBS 54012.1.4 Triangle Transit Authority - Durham-Orange light rail line from UNC Hospitals in Chapel Hill to NC 55 (Alston Avenue) in Durham County. Initial funds are requested for preliminary engineering.	\$500,000.00
Carrboro/ Orange Co. Div. 7 U-2803 DIVISION	WBS 34860.3.1 SR 1919 (Smith Level Road) from Rock Haven Road to Bridge No. 88 over Morgan Creek in Carrboro. \$5,902,472.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This project has previously been identified as a Trust Fund Specific State Funds for Construction project.</b>	\$105,000.00
Hoke Co. Div. 8 B-5755 DIVISION	WBS 45711.3.1 Replace Bridge #57 over Puppy Creek on SR 1406 (Rockfish Road). Initial funds are requested for construction.	\$931,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Montgomery Co. Div. 8 R-2527 STATEWIDE	WBS 35572.1.1 NC 24 - 27 from NC 73 to the Troy Bypass. \$2,869,165.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$110,000.00
Randolph/ Montgomery Cos. Div. 8 TA-6671 DIVISION	WBS 47249.1.1 Purchase 20-foot light transit vehicles for service expansion. Initial funds are requested for preliminary engineering.	\$7,000.00
Randolph Co. Div. 8 TA-6670 REGIONAL	WBS 47247.1.1 Purchase additional 20-foot light transit vehicles. Initial funds are requested for preliminary engineering.	\$7,000.00
Forsyth Co. Div. 9 TD-4743 DIVISION	WBS 54005.3.1 Winston - Salem Intermodal transportation facility. Initial funds are requested for construction.	\$1,661,000.00
Rowan Co. Div. 9 U-5541 DIVISION	WBS 46295.3.D1 Access road off SR 2528 (Heilig Road), construct roadway to serve new manufacturing site near Salisbury. \$508,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. WBS will be closed.	\$76,064.27

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Kannapolis/ Cabarrus Co. Div. 10 U-3440 REGIONAL	WBS 39010.2.2 NC 3 from proposed West Side Bypass (Project U-2009) to SR 1691 (Loop Road). \$10,170,000.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This is a Strategic Transportation Investments Transition project.</b>	\$940,000.00
Kannapolis/ Cabarrus Co. Div. 10 U-3440 REGIONAL	WBS 39010.1.R2 NC 3 from proposed West Side Bypass (Project U-2009) to SR 1691 (Loop Road). \$3,409,139.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This is a Strategic Transportation Investments Transition project.</b>	\$120,000.00
Stanly Co. Div. 10 R-2530B REGIONAL	WBS 34446.1.6 NC 24 - 27 from Bird Road in Albemarle to west of the Pee Dee River. \$1,904,231.00 has previously been approved for preliminary engineering. Additional funds are requested for design work. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$1,000,000.00
Stanly Co. Div. 10 R-2530B REGIONAL	WBS 34446.2.5 NC 24 - 27 from Bird Road in Albemarle to west of the Pee Dee River. Initial funds are requested for full right of way.	\$14,000,000.00
Stanly Co. Div. 10 R-2530B REGIONAL	WBS 34446.2.6 NC 24 - 27 from Bird Road in Albemarle to west of the Pee Dee River. Initial funds are requested for utilities.	\$1,900,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Union Co. Div. 10 U-5723 STATEWIDE	WBS 46300.1.S1 Existing US 74/601 interchange. Construct improvements. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$140,000.00
Ashe Co. Div. 11 R-5832 DIVISION	WBS 47104.1.1 NC 88 from NC 88 to NC 194. Initial funds are requested for preliminary engineering.	\$250,000.00
Ashe Co. Div. 11 R-5833 DIVISION	WBS 47105.1.1 US 221 Business at US 221 (South Jefferson Avenue), NC 194 and SR 1248 (Beaver Creek School Road). Initial funds are requested for preliminary engineering.	\$250,000.00
Ashe Co. Div. 11 TA-6674 DIVISION	WBS 47254.1.1 Purchase expansion vehicle to provide transportation services to persons over 65 years of age and persons with a disability. Initial funds are requested for preliminary engineering.	\$8,000.00
Caldwell/ Watauga Cos. Div. 11 R-2237C STATEWIDE	WBS 34402.3.7 US 321 from south of SR 1500 (Blackberry Road) to US 221 at Blowing Rock. \$70,584,814.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This project has previously been identified as a Trust Fund Intrastate System project. This is a Strategic Transportation Investments Transition project.</b>	\$650,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Caldwell Co. Div. 11 R-5745 DIVISION	WBS 50200.1.1 Intersection of US 64/NC90/NC 18 (Wilkesboro Boulevard) and US 64/NC 90 (Taylorsville Road). Construct intersection improvements. \$335,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$125,000.00
Caldwell Co. Div. 11 U-6033 DIVISION	WBS 46967.1.1 US 64 (NC 18) and SR 1142 (Callico Road). Initial funds are requested for preliminary engineering.	\$65,000.00
Caldwell Co. Div. 11 U-6034 DIVISION	WBS 46968.1.1 US 321 Alternate from SR 1109 (Pinewood Road) to SR 1106 (Duke Street). Initial funds are requested for preliminary engineering.	\$250,000.00
Caldwell Co. Div. 11 U-6035 DIVISION	WBS 46970.1.1 SR 1002 (Dudley Shoals Road) and SR 1751 (Grace Chapel Road / Campground Road) / SR 1752 (Peach Orchard Road). Initial funds are requested for preliminary engineering.	\$100,000.00
Caldwell Co. Div. 11 U-6036 DIVISION	WBS 46971.1.1 SR 1109 (Pinewood Road) from US 321 to SR 1931 (Bert Huffman Road). Initial funds are requested for preliminary engineering.	\$50,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Surry Co. Div. 11 R-5836 DIVISION	WBS 47106.1.1 US 601 from I-74 to SR 1104 (Cody Trail). Initial funds are requested for preliminary engineering.	\$250,000.00
Yadkin Co. Div. 11 R-5831 DIVISION	WBS 47103.1.1 US 601 (Carolina Avenue) and NC 67 (Main Street). Initial funds are requested for preliminary engineering.	\$50,000.00
Alexander Co. Div. 12 R-5762 DIVISION	WBS 44644.1.1 Intersection of NC 16 and SR 1609 (County Home Road). Initial funds are requested for preliminary engineering.	\$150,000.00
Alexander Co. Div. 12 U-6040 DIVISION	WBS 46977.1.1 NC 127 and SR 1146 (Bethlehem School Road). Initial funds are requested for preliminary engineering.	\$100,000.00
Alexander Co. Div. 12 U-6041 DIVISION	WBS 46979.1.1 US 64 and SR 1124 (Church Road). Initial funds are requested for preliminary engineering.	\$100,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Catawba Co. Div. 12 U-6042 DIVISION	WBS 46982.1.1 SR 1124 (33rd Street) and 34th Street NW. Initial funds are requested for preliminary engineering.	\$375,000.00
Cleveland Co. Div. 12 R-2707C STATEWIDE	WBS 34497.3.6 US 74 Bypass from east of NC 226 to west of NC 150. Initial funds are requested for construction based on the 12 month Tentative Letting List published April 7, 2017. This is a Cash Flow project with \$32,000,000.00 in SFY 17 and SFY 18.	\$64,000,000.00
Cleveland Co. Div. 12 U-2221C REGIONAL	WBS 34786.1.3 NC 180 from SR 2052 to NC 150. Initial funds are requested for preliminary engineering.	\$2,000,000.00
Cleveland Co. Div. 12 U-5929 STATEWIDE	WBS 45939.1.1 US 74 (Dixon Boulevard) at intersection of US 74 (Dixon Boulevard) and NC 226 (Earl Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Gaston/ Lincoln Cos. Div. 12 TA-5185 DIVISION	WBS 47403.1.1 Lincoln County / Gaston County one expansion light transit vehicle. Initial funds are requested for preliminary engineering.	\$6,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Gaston Co. Div. 12 U-5959 REGIONAL	WBS 45973.1.1 US 74 (Wilkinson Boulevard) at NC 273 (Park Street). Initial funds are requested for preliminary engineering.	\$100,000.00
Gaston Co. Div. 12 U-5961 REGIONAL	WBS 45975.1.1 NC 274 (Union Road) from Osceola Street to Niblick Drive. Initial funds are requested for preliminary engineering.	\$1,500,000.00
Gaston Co. Div. 12 U-5965 REGIONAL	WBS 45979.1.1 US 29 (Franklin Boulevard) and NC 274. Initial funds are requested for preliminary engineering.	\$450,000.00
Gaston Co. Div. 12 U-5970 REGIONAL	WBS 45958.1.1 US 321 (South York Road) from 19th Avenue to Clyde. Initial funds are requested for preliminary engineering.	\$700,000.00
Gaston Co. Div. 12 U-6043 DIVISION	WBS 46984.1.1 US 29 (Franklin Boulevard), US 74 from SR 2200 (Cox Road) to 400 feet East of Lineberger Road. Initial funds are requested for preliminary engineering.	\$1,300,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Iredell Co. Div. 12 R-3833C DIVISION	WBS 34554.1.3 SR 1100 (Brawley School Road) from I-77 to US 21. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Iredell Co. Div. 12 U-5884 DIVISION	WBS 44640.1.1 Intersection of NC 3 and SR 1148 (Kistler Farm Road). Initial funds are requested for preliminary engineering.	\$150,000.00
Iredell Co. Div. 12 U-5960 REGIONAL	WBS 45974.1.1 NC 150 (Oak Ridge Farm Highway) from NC 115 to NC 801 (Park Avenue). Initial funds are requested for preliminary engineering.	\$4,000,000.00
Iredell Co. Div. 12 U-5964 REGIONAL	WBS 45978.1.1 US 64 (Davie Avenue) and US 21 (Sullivan Road). Initial funds are requested for preliminary engineering.	\$150,000.00
Iredell Co. Div. 12 U-6037 DIVISION	WBS 46973.1.1 US 21 (Charlotte Highway) from NC 150 (Plaza Drive) to SR 1245 (Medical Park Road). Initial funds are requested for preliminary engineering.	\$5,000,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Iredell Co. Div. 12 U-6039 DIVISION	WBS 46975.1.1 SR 2321 (East Broad Street) from Vine Street to SR 2422 (Signal Hill Drive). Initial funds are requested for preliminary engineering.	\$2,000,000.00
Lincoln Co. Div. 12 U-5962 REGIONAL	WBS 45976.1.1 NC 16 Business at SR 1373 (Campground Road) and at SR 1386 (Will Proctor Road). Initial funds are requested for preliminary engineering.	\$700,000.00
Buncombe Co. Div. 13 U-5971 REGIONAL	WBS 45959.1.1 US 19 (Patton Avenue) at NC 63 (New Leicester Highway). Initial funds are requested for preliminary engineering.	\$540,000.00
Buncombe Co. Div. 13 U-5973 REGIONAL	WBS 45961.1.1 US 19 Business (Weaverville Highway) at SR 1740 (New Stock Road). Initial funds are requested for preliminary engineering.	\$260,000.00
Buncombe Co. Div. 13 U-6047 DIVISION	WBS 46993.1.1 NC 112 (Sardis Road/Sandhill Road) from NC 191 (Brevard Road) to US 19/23 (Smokey Park Highway). Initial funds are requested for preliminary engineering.	\$6,100,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Burke Co. Div. 13 I-5009 REGIONAL	WBS 41824.1.1 I-40 and US 64 (Burkemont Road). \$250,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$155,000.00
Madison Co. Div. 13 R-5837 DIVISION	WBS 47107.1.1 US 25 from US 25/70 Business (North Main Street) to SR 1143 (Brush Creek Road). Initial funds are requested for preliminary engineering.	\$4,500,000.00
McDowell Co. Div. 13 R-0204E REGIONAL	WBS 34329.1.3 US 221-NC 226 (Marion Bypass) from SR 1153 (Goose Creek Road) to I-40. \$500,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$293,560.99). WBS will be closed. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	-\$293,560.99
Rutherfordton Rutherford Co. Div. 13 R-2233BB STATEWIDE/ DIVISION	WBS 34400.1.S5 US 221 South of US 74 Business to North of SR 1366 (Roper Loop Road). \$1,153,635.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$290,000.00
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.2.1 NC 175 from Georgia State Line to US 64, upgrade roadway. Initial funds are requested for full right of way and utilities.	\$780,000.00

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.1.D1 NC 175 from Georgia State Line to US 64, upgrade roadway. \$548,893.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$190,000.00
Jackson Co. Div. 14 R-5841 DIVISION	WBS 47084.1.1 NC 107 from NC 281 to Shoal Creek at end of Climbing Lane. Widen pavement to 24 feet with 5 feet paved shoulders. \$100,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$80,000.00) now that the project has been broken into sections.	-\$80,000.00
Jackson Co. Div. 14 R-5841A DIVISION	WBS 47084.1.2 NC 107 from NC 281 to Tuckaseegee Lake. Initial funds are requested for preliminary engineering.	\$100,000.00
Polk Co. Div. 14 I-4729 REGIONAL/ DIVISION	WBS 34243.1.3 I-26, US 74, & NC 108 interchange. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Additional funds are requested using Regional Tier funding.	\$220,000.00
Statewide M-0391 STATEWIDE	WBS 40289.1.1 Structure design and preliminary engineering for miscellaneous projects. \$4,478,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$701,634.46). WBS will be closed. <b>This project has previously been identified as a Trust Fund Specific State Funds for Construction project.</b>	-\$701,634.46

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide M-0521 DIVISION	WBS 47355.1.3 Transportation Planning Branch, Traffic Forecasting for miscellaneous projects. Initial funds are requested for preliminary engineering.	\$100,000.00
Statewide M-0521 REGIONAL	WBS 47355.1.2 Transportation Planning Branch, Traffic Forecasting for miscellaneous projects. Initial funds are requested for preliminary engineering.	\$100,000.00
Statewide M-0521 STATEWIDE	WBS 47355.1.1 Transportation Planning Branch, Traffic Forecasting for miscellaneous projects. Initial funds are requested for preliminary engineering.	\$100,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	18 PROJECTS	\$70,248,365.54
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	34 PROJECTS	\$85,785,439.01
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	59 PROJECTS	\$39,786,266.27
STATEWIDE/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$290,000.00
REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$220,000.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>113 PROJECTS</b>	<b>\$196,330,070.82</b>

**May 4, 2017**

\*\*\* Correction and resubmission from April 6, 2017 Board Approval (Page K-5)

Montgomery Co. Div. 8 R-5826 DIVISION	WBS 47098.1.1 NC 109 from SR 1127 (Hearne Farm Road) to SR 1174 (Pee Dee Road). Initial funds are requested for preliminary engineering.	\$1,510,000.00
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Correct description should be:  
As reads

Montgomery Co. Div. 8 R-5826 DIVISION	WBS 47098.1.1 NC 109 from NC 73 (North Main Street) in Mt. Gilead to NC 24 / NC 27. Initial funds are requested for preliminary engineering.	\$1,510,000.00
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**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Spot Safety Improvement Projects**

L-1

**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>
Bertie Co. Div. 1 SS-4901AU	WBS 44617.3.1 US 17 at NC 45. \$18,000.00 in construction funds has previously been approved for traffic signal revisions to provide a Dynamic Red Extension system. Additional funds are needed due to an increase in construction costs. File 01-15-37634-1	\$2,555.00
Ocean Isle Beach/ Brunswick Co. Div. 3 SS-4903BR	WBS 44315.3.1 NC 179/NC 904 at NC904 (Causeway Drive)/ SR 1184 (Ocean Isle Beach Road). \$156,000.00 in construction funds has previously been approved for traffic signal removal and roundabout construction. Additional funds are needed due to an increase in construction costs. File 03-14-28967-1	\$39,000.00
Robeson Co. Div. 6 SS-4906DB	WBS 47407.3.1 NC 71 from NC 20 to SR 1752 (Rennert Road). Construction funds are needed for rumble stripe installation. File 06-17-45865C	\$20,000.00
Wilkes Co. Div. 11 SS-4911W	WBS 43630.2.1 US 421 Business/NC 115 at SR 2318 (Old 60). \$264,336.42 in right of way and utilities funds has previously been approved for turn lane construction. Project to be constructed under R-5759. Delete project and reduce funds. File 11-11-202-3	-\$129,574.75
Wilkes Co. Div. 11 SS-4911W	WBS 43630.3.1 US 421 Business/NC 115 at SR 2318 (Old 60). \$248,000.00 in construction funds has previously been approved for turn lane construction. \$248,000.00 in construction funds has previously been approved for turn lane construction. Project to be constructed under R-5759. Delete project and reduce funds. File 11-11-202-2	-\$247,336.43
<b>ITEM L SUMMARY</b>	<b>5 PROJECTS</b>	<b>-\$315,356.18</b>

May 4, 2017

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 1**

**National Highway**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Dare Co. B-2500A REGIONAL	32635.1.8, BRNHF-0012(065) Pea Island on NC 12. Funds are needed for preliminary engineering for an underwater archeological survey. <b>This is a Strategic Transportation Investments Transition project.</b>	\$39,077.00 Cost \$31,262.00 Fed. \$7,815.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 2**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Beaufort Co. W-5702D REGIONAL	44848.1.4, HSIP-0033(016) NC 33 in Beaufort County between Milepost 9.69 and Milepost 34.50; NC 33 in Pitt County at Milepost 26.72; SR 1700 (Adams Creek Road) in Craven County at Milepost 0.00 at the Carteret County Line. Funds are needed for preliminary engineering.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
Carteret Co. W-5702E REGIONAL	44848.1.5, HSIP-0070(209) US 70 at SR 1124 (Howard Avenue/Nine Foot Road); US 70 at SR 1140 (Roberts Road); US 70 at SR 1141 (Hibbs Road). Funds are needed for preliminary engineering.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State
Lenoir Co. W-5702F REGIONAL	44848.1.6, HSIP-0011(037) NC 11 at SR 1161 (Albrittons Road / Greene Haynes Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 3**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Leland/ Brunswick Co. U-5534I DIVISION	44096.1.F10, STPDA-0332(051) Leland - Village Road Multi-Use Path Extension. \$10,643.00 has previously been approved for preliminary engineering. Additional funds are requested to complete design work.	\$28,591.00 Cost \$20,013.00 Fed. \$8,578.00 Local
New Hanover Co. U-5527B DIVISION	50077.3.3, TAP-0332(050) 5th Avenue at the Dawson Street and Wooster Street Intersection. \$46,106.00 has previously been approved for construction. Additional funds are requested.	\$14,409.00 Cost \$11,527.00 Fed. \$2,882.00 Local

**Safety**

Brunswick Co. W-5203I DIVISION	45333.3.9, HSIP-1130(012) SR 1130 (Mount Pisgah Road) from US 17 to NC 130 near Shalotte and Holden Beach. Construction funds are needed for safety improvements.	\$855,000.00 Cost \$769,500.00 Fed. \$85,500.00 State
Pender Co. SR-5001CB DIVISION	40924.3.F78, SRS-1563(003) Safe Routes To School - North Topsail Beach. Funds are needed for construction.	\$500,000.00 Cost \$500,000.00 Fed.
Pender Co. W-5703A STATEWIDE	44849.3.1, HSIP-0017(160) US 17 at NC 210 (Island Creek Road). Construction funds are needed for safety improvements.	\$17,500.00 Cost \$15,750.00 Fed. \$1,750.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 3 (Continued)**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
New Hanover Co. Z-5700CA DIVISION	44803.1.11, RR-1394(006) Railway-Highway Grade Crossing Safety Project. SR 1394 (Sutton Steam Plant Road) at CSX Crossing #629 168K near Wilmington. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

**Rural**

Brunswick Co. R-2633D STATEWIDE	34491.1.12, NHP-0040(058) I-40 / US 17 (Wilmington Bypass) installation of conduit, fiber optic communications cable and ITS (Intelligent Transportation Systems) equipment. Funds are needed for preliminary engineering. <b>This is a Strategic Transportation Investments Transition project.</b>	\$315,000.00 Cost \$252,000.00 Fed. \$63,000.00 State
Brunswick Co. R-4436CH REGIONAL	34625.2.66, STBG-0906(003) NC 906 just north of the Intracoastal Waterway (ICWW). Funds are needed of construction for a filtration basin as a stormwater retrofit for water quality improvement.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
New Hanover Co. R-4436CI STATEWIDE	34625.2.67, STBG-0074(198) US 74 exit ramp to McRea Street. Funds are needed of construction for a filtration basin as a stormwater retrofit for water quality improvement.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4**

**Surface Transportation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Nash Co. U-3330 REGIONAL	36596.3.4, STP-0301(028) Rocky Mount - US 301 Bypass from SR 1836 (May Drive) to NC 43-48 (Benvenue Road) interchange. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published February 15, 2017. This is a <b>Cash Flow</b> project with \$8,900,000.00 in FY 17, \$8,900,000.00 in FY 18 and \$8,900,000.00 in FY 19.	\$26,700,000.00 Cost \$21,360,000.00 Fed. \$5,340,000.00 State

**Safety**

Nash Co. W-5704D REGIONAL	44850.1.4, HSIP-0097(043) NC 97 from NC 231 to NC 58. Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,250.00 Fed. \$250.00 State
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**Rural**

Johnston Co. R-4436DD STATEWIDE	34625.2.65, STP-0040(052) I-40 and I-95 interchange. Funds are needed of construction for a filtration basin as a stormwater retrofit for water quality improvement.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State
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**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Franklin Co. C-5527 EXEMPT	51041.2.F1, CMS-0514(004) SR 1229 (South Main Street) from the existing sidewalk to NC 56 West. \$2,900.00 has previously been approved for right of way and utilities. Additional funds are needed based on the latest estimate.	\$6,875.00 Cost \$5,500.00 Fed. \$1,375.00 Local
Wake/ Durham/ Orange Co. C-4924A EXEMPT	44024.1.1, CMS-000S(453) Triangle J. Council of Governments - Develop flexible work schedules for employees in the Capital Area Metropolitan Planning Organization (CAMPO) and Durham, Chapel Hill, Carrboro (DCHC). \$4,751,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,199,000.00 Cost \$620,000.00 Fed. \$579,000.00 Local
Wake/ Durham/ Orange Co. C-4924B EXEMPT	44024.1.3, CMS-000S(801) Triangle J. Council of Governments - Develop flexible work schedules for employees in the Capital Area Metropolitan Planning Organization (CAMPO) and Durham, Chapel Hill, Carrboro (DCHC). \$843,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,334,000.00 Cost \$505,000.00 Fed. \$829,000.00 Local
Wake Co. C-5604OB EXEMPT	43714.1.2, CMAQ-0520(056) Raleigh Bike Share. Funds are needed for preliminary engineering.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 State

**Enhancement**

Wake Co. EL-5100AD DIVISION	41821.2.38, STPDA-0527(015) SR 1931 (West Oak Avenue) and NC 98 Business (Wait Avenue). \$100,000.00 has previously been approved for right of way and utilities. Additional funds are needed to reimburse invoices.	\$36,750.00 Cost \$29,400.00 Fed. \$7,350.00 Local
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**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham Co. W-5705K DIVISION	44851.1.12, HSIP-1327(006) SR 1327 (Gregson Street) at Lamond Avenue and SR 1445 (Duke Street) at West Corporation Street. Funds are needed for preliminary engineering.	\$7,500.00 Cost \$6,750.00 Fed. \$750.00 State
Franklin Co. W-5705L STATEWIDE	44851.1.8, HSIP-0001(152) US 1 at SR 1127 (Pocomoke Road). Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
Person Co. W-5601FD STATEWIDE	50138.3.161, HSIP-0158(063) US 158 at US 501. Construction funds are needed for safety improvements.	\$185,000.00 Cost \$166,500.00 Fed. \$18,500.00 State
Vance Co. W-5705G DIVISION	44851.1.7, HSIP-1001(075) SR 1001 (Warrenton Road) at SR 1507 (Brookston Road). Funds are needed for preliminary engineering.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. W-5601AB REGIONAL	50138.3.29, HSIP-0096(019) NC 96 at NC 98. Construction funds are needed to install a roundabout.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 Local
Wake Co. W-5601EJ REGIONAL	50138.3.140, HSIP-001A(003) US 1A (South Main Street) between Star Road and Wake Pointe Shopping Center. Construction funds are needed for safety improvements.	\$553,000.00 Cost \$497,700.00 Fed. \$55,300.00 State
Wake Co. W-5601FF DIVISION	50138.3.163, HSIP-2044(005) SR 2044 (Ligon Mill Road) near SR 3564 (Greenville Loop Road) and Falconhurst Drive. Funds are needed of construction for safety improvements.	\$535,000.00 Cost \$481,500.00 Fed. \$53,500.00 State
Wake Co. W-5705E DIVISION	44851.1.5, HSIP-2049(003) SR 2049 (Forestville Road) at SR 2215 (Buffaloe Road). Funds are needed for preliminary engineering.	\$71,000.00 Cost \$63,900.00 Fed. \$7,100.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. W-5705F DIVISION	44851.1.6, HSIP-1152(014) SR 1152 (Holly Springs Road) curve in vicinity of SR 3917 (Southbriar Drive). Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Wake Co. W-5705H DIVISION	44851.1.9, HSIP-2509(002) SR 2509 (Mial Plantation Road) at SR 2506 (Major Slade Road). Funds are needed for preliminary engineering.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
Wake Co. W-5705I DIVISION	44851.1.10, HSIP-3109(003) SR 3109 (Brier Creek Parkway) at SR 1644 (Globe Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. W-5705J STATEWIDE	44851.1.11, HSIP-0070(208) US 70 (Glenwood Avenue) at Pleasant Valley Drive and US 70 (Glenwood Avenue) at Pleasant Valley Promenade. Funds are needed for preliminary engineering.	\$6,000.00 Cost \$5,400.00 Fed. \$600.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5 (Continued)**

**Rural**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham Co. R-4436EJ STATEWIDE	34625.2.68, STP-1637(004) Interchange of I-85 and SR 1637 (Redwood Road). Funds are needed of construction to construct four (4) bio-swales as stormwater retrofits.	\$180,000.00 Cost \$144,000.00 Fed. \$36,000.00 State
Granville Co. R-4436EK STATEWIDE	34625.2.69, STP-0504(007) Interchange of I-85 and NC 56. Funds are needed for construction to construct (two) 2 stormwater retrofits, including a preformed scour hole and filtration basin.	\$120,000.00 Cost \$96,000.00 Fed. \$24,000.00 State

**Bicycle and Pedestrian**

Durham Co. EB-4707B DIVISION	38664.3.4, STPDA-0505(064) SR 2220 (Chapel Hill Road) from SR 1113 (Pope Road) to SR 1116 (Garrett Road). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published February 15, 2017. <b>This is a Strategic Transportation Investments Transition project.</b>	\$5,350,000.00 Cost \$4,280,000.00 Fed. \$1,070,000.00 Local
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**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 6**

**Surface Transportation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cumberland Co. R-4436FD STATEWIDE	34625.2.70, STP-0295(004) NC 295 within the interchange with NC 24 / 87 and NC 210 and interchange in Cumberland County. Funds are needed for construction of a filtration basin to improve water quality.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State

**Bridge**

Cumberland Co. B-4738 DIVISION	38511.2.1, BRZ-1137(006) Replace Bridge #189 over Buckhead Creek on SR 1137. Funds are needed for full right of way and utilities. <b>This is a Design- Build Project.</b>	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
Cumberland Co. B-4738 DIVISION	38511.3.1, BRZ-1137(006) Replace Bridge #189 over Buckhead Creek on SR 1137. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published February 15, 2017. <b>This is a Design-Build Project.</b>	\$900,000.00 Cost \$720,000.00 Fed. \$180,000.00 State

**Safety**

Cumberland Co. W-5706E REGIONAL	44852.1.5, HSIP-0211(040) NC 211 at SR 1529 (Mount Olive Church Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Cumberland Co. W-5706F DIVISION	44852.1.6, HSIP-1997(005) SR 1997 (Fayetteville Road) at SR 1984 (Linkhaw Road). Funds are needed for preliminary engineering.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 8**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Hoke Co. B-4550 DIVISION	33763.2.1, BRZ-1432(006) Replace Bridge #41 and Bridge #42 over Rockfish Creek on SR 1432. Funds are needed for full right of way and utilities.	\$66,000.00 Cost \$52,800.00 Fed. \$13,200.00 State
Randolph Co. B-5763 DIVISION	45719.3.1, BRZ-2407(001) Replace Bridge #129 over a Branch of Sandy Creek on SR 2407. Construction funds are needed for bridge replacement.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State

**Safety**

Hoke Co. W-5708D REGIONAL	44854.1.4, HSIP-0401(286) US 401 Business at SR 1406 (Rockfish Road). Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Randolph Co. SS-4908BM STATEWIDE	47351.1.1, HSIP-0421(090) US 421 at SR 2407 (Shiloh Road / Deviney Road). \$15,000.00 has previously been approved for preliminary engineering. Additional funds are needed to complete design work.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State

**NCDOT May 2017 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-5601BA REGIONAL	50138.1.54, HSIP-0042(061) US 220 Business (Fayetteville Street) from Walker Avenue to NC 42 (Salisbury Street). \$8,000.00 has previously been approved for preliminary engineering. Additional funds are needed due to scope change and additional design work.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Randolph Co. W-5601EK REGIONAL	50138.3.142, HSIP-0311(034) US 311 from SR 1524 (Beckerdite Road) to SR 1525 (Beeson Farm Road). Construction funds are needed for safety improvements.	\$384,000.00 Cost \$345,600.00 Fed. \$38,400.00 State

**Rail Program**

Montgomery Co. Z-5400HC DIVISION	43600.3.73, 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. Construction funds are needed to install flashers and gates.	\$270,000.00 Cost \$243,000.00 Fed. \$27,000.00 State
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**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 9**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Davidson Co. W-5709C REGIONAL	44855.1.3, HSIP-0150(042) NC 150 at SR 1435 (Becky Hill Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State

**Rail Program**

Thomasville/ Davidson Co. Z-5400II DIVISION	43600.3.79, RR-2165(002) Railway-Highway Grade Crossing Safety Project at SR 2165 (Turner Street); Railroad Crossing #722 327S in Thomasville. Construction funds are needed for quadrant gates.	\$427,000.00 Cost \$384,300.00 Fed. \$42,700.00 State
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**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mecklenburg Co. C-5533 DIVISION	45506.2.2, CMS-1003(121) The intersection of SR 5469 (Shopton Road) and SR 1156 (Beam Road). Funds are needed for full right of way and utilities.	\$375,000.00 Cost \$300,000.00 Fed. \$75,000.00 Local
Indian Trail/ Union Co. C-4957A EXEMPT	44057.3.1, CMS-1008(016) Indian Trail - Sun Valley High School and Middle School. \$480,000.00 has previously been approved for construction. Additional construction funds are requested.	\$448,302.00 Cost \$358,642.00 Fed. \$89,660.00 Local

**Urban**

Matthews/ Mint Hill/ Mecklenburg Co. U-5115 REGIONAL	42377.3.1, STPDA-1013(004) Intersection of NC 51 and SR 3143 (Idlewild Road North) / SR 3174 (Idlewild Road). Construction funds are needed for intersection improvements. <b>This is a Strategic Transportation Investments Transition project.</b>	\$1,625,000.00 Cost \$1,300,000.00 Fed. \$325,000.00 Local
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**Safety**

Cabarrus Co. W-5601HQ REGIONAL	50138.3.226, HSIP-0003(011) NC 3 and SR 1601 (Odell School Road). Construction funds are needed for safety improvements.	\$35,000.00 Cost \$31,500.00 Fed. \$3,500.00 State
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**NCDOT May 2017 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>
Huntersville/ Mecklenburg Co. W-5601FJ REGIONAL	50138.2.167, HSIP-0073(044) NC 73 (Davidson Concord Road) and SR 2427 (Ramah Church Road) near Huntersville. Funds are needed for full right of way and utilities.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
Norwood/ Stanly Co. W-5710G STATEWIDE	44856.1.7, HSIP-0052(054) US 52 from Norwood City Limits northward to NC 138. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
Union Co. W-5520 REGIONAL	50092.1.FS1, HSIP-0074(156) US 74 from 1100 feet west of Indian Trail-Fairview Road to 1200 feet east of Sardis Church Road. \$925,000.00 has previously been approved for preliminary engineering. Additional funds are needed to convert existing full movement signalized intersections to signalized superstreet design.	\$235,000.00 Cost \$211,500.00 Fed. \$23,500.00 State
Union Co. W-5601BH DIVISION	50138.3.61, HSIP-1008(024) SR 1008 (Waxhaw Indian Trail Road) to SR 1346 (Beulah Church Road) near Wesley Chapel. Construction funds are needed for safety improvements.	\$824,000.00 Cost \$741,600.00 Fed. \$82,400.00 State

**NCDOT May 2017 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-5601BK REGIONAL	50138.1.64, HSIP-0200(004) NC 200 (Lancaster) and SR 1117 (Providence Road South). \$135,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest cost estimate.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Union Co. W-5710H REGIONAL	44856.1.8, HSIP-0218(015) NC 218 and SR 1525 (Mill Grove Road) near Fairview. Funds are needed for preliminary engineering.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
Union Co. W-5710I REGIONAL	44856.1.9, HSIP-0200(005) NC 200 (Morgan Mill Road) and NC 218. Funds are needed for preliminary engineering.	\$95,000.00 Cost \$85,500.00 Fed. \$9,500.00 State
Union Co. W-5710J DIVISION	44856.1.10, HSIP-1004(065) SR 1004 (Lawyers Road) and SR 1525 (Mill Grove Road) near Hemby Bridge. Funds are needed for preliminary engineering.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State

**NCDOT May 2017 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-5710K REGIONAL	44856.1.11, HSIP-0200(007) NC 200 (Lancaster Highway) and SR 1128 (McWhorter Road / Tom Starnes Road). Funds are needed for preliminary engineering.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
Waxhaw/ Union Co. W-5710L REGIONAL	44856.1.12, HSIP-0016(062) NC 16 (Providence Road) and Gray Byrum near Waxhaw. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State

**Rail Program**

Mecklenburg Co. Z-5700JA DIVISION	44803.3.7, RR-1003(152) Railway-Highway Grade Crossing Safety Project at Christenbury Road and the Northern Southern Railroad Crossing #730 133G in Charlotte. Funds are needed of construction to install grade crossing flashers and gates.	\$272,000.00 Cost \$244,800.00 Fed. \$27,200.00 State
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**Municipal Bridge**

Mecklenburg Co. B-5242 DIVISION	42844.3.3, BRZ-1003(120) Replace Bridge #376 on Barringer Drive over Irwin Creek in Charlotte. Construction funds are needed for bridge replacement.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 Local
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**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10 (Continued)**

**Rural**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Stanly Co./ Montgomery Co. R-2530B REGIONAL	34446.1.7, STBG-0024(083) NC 24-27 from Bird Road in Albemarle to west of the Pee Dee River widen to multi-lanes; (Combined with B-4974: Replace Bridge #51 over Pee Dee River on NC 24-73-27); (Combined with R-2527: NC 24-27 from NC 73 to the Troy Bypass). Funds are needed for preliminary engineering.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 11**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Surry Co. I-5829 STATEWIDE	53035.1.1, NHPIM-0077(011) I-77 from SR 1122 (Dobbins Mill Road) to SR 1341 (White Dirt Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
Surry Co. I-5862 STATEWIDE	53065.1.1, NHPIM-0074(199) I-74 from the Virginia State Line to I-77. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
Yadkin Co. I-5865 STATEWIDE	53068.1.1, NHPIM-0077(010) I-77 from 0.6 mile north of SR 1103 (Marier Road) to 0.9 mile north of SR 1316 (Rena Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 12**

**Enhancement**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Catawba Co. ER-5600LA STATEWIDE	46305.3.35, STBG-0040(065) I-40 / US 321 Interchange Planting. Construction funds are needed for landscaping.	\$227,465.00 Cost \$181,972.00 Fed. \$45,493.00 State

**Rail Program**

Cleveland Co. Z-5400LK DIVISION	43600.3.84, RR-0216(004) Railway-Highway Grade Crossing Safety Project. NC 216 (Piedmont Avenue) at Crossing # 716 257R in Kings Mountain. Construction funds are needed to upgrade flashers and gates.	\$450,000.00 Cost \$405,000.00 Fed. \$45,000.00 State
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**Bicycle and Pedestrian**

Gaston Co. EB-5535 DIVISION	50050.3.3, STPEB-1238(006) Lakewood Park Trail from Lakewood Park to US 29 / US 74. Funds are needed for construction of bicycle, pedestrian lanes, paths and facilities. <b>This is a Strategic Transportation Investments Transition project.</b>	\$760,000.00 Cost \$608,000.00 Fed. \$152,000.00 State
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**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 13**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Buncombe Co. I-5888 STATEWIDE	46408.1.1, NHPIM-0040(061) I-40 from Mile Marker 37 to Mile Marker 43.5. Funds are needed for preliminary engineering.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State
Buncombe Co. I-5889 STATEWIDE	46409.1.1, NHPIM-0040(062) I-40 from Mile Marker 46 to Mile Marker 50. Funds are needed for preliminary engineering.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State
Buncombe Co. I-5890 STATEWIDE	46410.1.1, NHPIM-0040(063) I-40 from Mile Marker 55 to Mile Marker 67.5. Funds are needed for preliminary engineering.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State
Burke Co. I-5891 STATEWIDE	46411.1.1, NHPIM-0040(064) I-40 from Mile Marker 95.5 to Mile Marker 119. Funds are needed for preliminary engineering.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 13 (Continued)**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Burke Co. I-5971 STATEWIDE	45925.1.1, NHP-0040(060) I-40 at SR 1761 (Old Highway NC 10) exit 116. Funds are needed for preliminary engineering.	\$2,300,000.00 Cost \$1,840,000.00 Fed. \$460,000.00 State
Burke Co. I-5975 REGIONAL	44994.1.1, NHP-0040(059) I-40 at SR 1744 (Mineral Springs Mountain Road) / SR 1744 (Eldred Street SE) exit 112. Funds are needed for preliminary engineering.	\$2,400,000.00 Cost \$1,920,000.00 Fed. \$480,000.00 State

**Urban**

Buncombe Co. U-5019C DIVISION	41503.2.3, STP-1302(066) Construct Wilma Dikeman Riverway - Radtip and Five Points Roundabout. \$4,880,000.00 has previously been approved for right of way and utilities. Additional funds are requested.	\$703,750.00 Cost \$563,000.00 Fed. \$140,750.00 Local
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**Project Mitigation**

Burke Co. U-2551WM DIVISION	34832.4.1, STP-1922(001) SR 1922 (Enola Road) / SR 1924 (Old NC 18) from SR 2026 (Arnold Drive) to NC 18 (South Sterling Street). Mitigation funds are needed to supplement the landscape construction funds.	\$113,000.00 Cost \$90,400.00 Fed. \$22,600.00 State
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**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 14**

**Appalachian**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Henderson Co. R-5771 EXEMPT	46877.3.1, APD-1690(001) Improve SR 1690 (Broadpointe Drive) to 24 feet of paved roadway and replace Bridge #107. Funds are needed for construction.	\$1,230,000.00 Cost \$1,230,000.00 Fed.

**Urban**

Haywood Co. U-6055 EXEMPT	47166.1.1, STBGDA-0110(013) NC 110 (Pisgah Drive) at Locust Street. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$16,000.00 Fed. \$4,000.00 Local
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**Bridge**

Jackson Co. B-5905 REGIONAL	48037.2.2, BRNHS-0023(028) Replace Bridge #27 over Scott Creek and the Southern Railroad on US 23 Business. Funds are needed for full right of way and utilities.	\$270,000.00 Cost \$216,000.00 Fed. \$54,000.00 State
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**Rural**

Statewide R-5794C DIVISION	44910.3.5, TAP-1420(009) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. \$180,000.00 has previously been approved for construction. Construction funds are needed to install or upgrade ADA Ramps.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 14 (Continued)**

**Bicycle and Pedestrian**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Polk Co. EB-5759 DIVISION	50436.1.1, TAP-1137(010) SR 1137 (Peniel Road) from Walker Street to Wheeler Street in Columbus. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 Local

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Statewide**

**Planning and Research**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Statewide M-0460AF EXEMPT	50084.1.6, NST-0NST(006) National Summer Transportation Institute (NSTI)-ECSU-High School. Funds are needed for preliminary engineering.	\$55,000.00 \$55,000.00	Cost Fed.
Statewide M-0460EA EXEMPT	50084.1.9, NST-0NST(009) National Summer Transportation Institute (NSTI)- Vance/Granville Community College. Funds are needed for preliminary engineering.	\$35,000.00 \$35,000.00	Cost Fed.
Statewide M-0460FA EXEMPT	50084.1.7, NST-0NST(007) National Summer Transportation Institute (NSTI)-Fayetteville State University. Funds are needed for preliminary engineering.	\$45,000.00 \$45,000.00	Cost Fed.
Statewide M-0460FB EXEMPT	50084.1.8, NST-0NST(008) National Summer Transportation Institute (NSTI)-UNC- Pembroke. Funds are needed for preliminary engineering.	\$40,000.00 \$40,000.00	Cost Fed.

**NCDOT May 2017 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Statewide (Continued)**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide Y-5500 STATEWIDE	45533.1.FS1, RR-000S(773) Traffic Separation Study Implementation and Closure. \$900,000.00 has previously been approved for preliminary engineering. Additional funds are requested based on the latest estimate.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
Statewide Z-5400 STATEWIDE	43600.1.FS1, RR-000S(797) Railway-Highway Grade Crossing Safety Project at various locations statewide. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are requested based on the latest estimate.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State

**ITEM M SUMMARY - 92 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$57,082,124.00**

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

**May 4, 2017**

**REVISIONS TO THE 2016-2025 STIP  
HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 7**

\* EB-5876 HOLDEN ROAD, SR 4121 (WEST GATE CITY BOULEVARD) TO NORTH OF SR 4121 (WEST GATE CITY BOULEVARD) IN GREENSBORO. CONSTRUCT SIDEWALKS.

**PROJ.CATEGORY**

DIVISION

**PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT**

\* EB-5877 FARMINGTON DRIVE, WINTERGARDEN LANE TO SR 4121 (WEST GATE CITY BOULEVARD) IN GREENSBORO. CONSTRUCT SIDEWALKS.

**PROJ.CATEGORY**

DIVISION

**PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT**

\* EB-5883 US 220 (WENDOVER AVENUE), GRECADE STREET TO SR 1001 (NORTH CHURCH STREET) AND SR 2526 (SUMMIT AVENUE) TO US 29 (NORTH O'HENRY BOULEVARD) IN GREENSBORO. CONSTRUCT SIDEWALKS.

**PROJ.CATEGORY**

DIVISION

**PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT**

* I-5953 GUILFORD <b>PROJ.CATEGORY</b> STATEWIDE	I-785 / I-840, I-85 TO US 70. PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2017 -	\$2,295,000	(NHPIM)
				\$2,295,000	
	<b><u>ADD CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF DIVISION.</u></b>				

* I-5954 ALAMANCE ORANGE <b>PROJ.CATEGORY</b> STATEWIDE	I-40 / I-85, EAST OF NC 54 IN GRAHAM IN ALAMANCE COUNTY TO WEST OF SR 1114 (BUCKHORN ROAD) IN ORANGE COUNTY. PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2017 -	\$10,885,000	(NHPIM)
				\$10,885,000	
	<b><u>ADD CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF DIVISION.</u></b>				

* I-5956 GUILFORD ALAMANCE <b>PROJ.CATEGORY</b> STATEWIDE	I-40 / I-85, EAST OF SR 3056 (ROCK CREEK DAIRY ROAD) IN GUILFORD COUNTY TO WEST OF SR 1226 (UNIVERSITY DRIVE) IN ALAMANCE COUNTY. PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2017 -	\$4,500,000	(NHPIM)
				\$4,500,000	
	<b><u>ADD CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF DIVISION.</u></b>				

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

**DIVISION 12**

* R-5849	CONSTRUCT IMPROVEMENTS TO SR 1313 (WASHBURN	CONSTRUCTION	FY 2018 -	<u>\$1,875,000</u>	(T)
CLEVELAND	SWITCH ROAD) AND A NEW 3-LANE ROAD OFF SR 1313			\$1,875,000	
<b>PROJ.CATEGORY</b>	(WASHBURN SWITCH ROAD) FOR ACCESS TO NEW				
DIVISION	INDUSTRIAL SITES.				
	<b><u>ADD PROJECT AT THE REQUEST OF THE DIVISION.</u></b>				

**STATEWIDE**

* M-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC	ENGINEERING	FY 2017 -	\$300,000	(T)
STATEWIDE	FORECASTING FOR MISCELLANEOUS PROJECTS.		FY 2018 -	<u>\$300,000</u>	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT ADDED TO EXPEDITE DELIVERY OF STIP</u></b>			\$600,000	
STATEWIDE REGION	<b><u>PROJECTS.</u></b>				

## STIP MODIFICATIONS

**DIVISION 1**

R-5758	US 258, HALIFAX COUNTY LINE TO RICH SQUARE	CONSTRUCTION	FY 2018 -	\$850,000	(T)
NORTHAMPTON	TOWN LIMITS. UPGRADE ROADWAY.		FY 2019 -	<u>\$850,000</u>	(T)
<b>PROJ.CATEGORY</b>	<b><u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 18.</u></b>			\$1,700,000	
DIVISION					

R-5809C	NC 45, SOUTHERN CITY LIMITS OF COLERAIN TO	RIGHT-OF-WAY	FY 2017 -	\$10,000	(T)
BERTIE	HERTFORD COUNTY LINE.	UTILITIES	FY 2017 -	\$10,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>SEGMENT INTO 3 SECTIONS AND ACCELERATE RIGHT</u></b>	CONSTRUCTION	FY 2018 -	<u>\$1,640,000</u>	(T)
DIVISION	<b><u>OF WAY AND UTILITIES FROM FY 23 TO FY 17 AND</u></b>			\$1,660,000	
	<b><u>CONSTRUCTION FROM FY 25 TO FY 18 FOR SEGMENT</u></b>				
	<b><u>"C".</u></b>				

**DIVISION 2**

B-4528	SR 1149 (WARRENTOWN ROAD), REPLACE BRIDGE	CONSTRUCTION	FY 2017 -	<u>\$1,450,000</u>	(STPOFF)
GREENE	390025 OVER TYSON MARSH.			\$1,450,000	
<b>PROJ.CATEGORY</b>	<b><u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u></b>				
DIVISION					

\* INDICATES FEDERAL AMENDMENT

Thursday, May 04, 2017

**REVISIONS TO THE 2016-2025 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 2**

B-4530	SR 1222 (BEAMAN OLD CREEK ROAD), REPLACE	CONSTRUCTION	FY 2017 -	<u>\$900,000</u>	(STPOFF)
GREENE	BRIDGE 390013 OVER BEAMAN RUN.			\$900,000	

**PROJ.CATEGORY** **ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.**

DIVISION

U-5919	SR 1126 (BOYD STREET), NC 11 TO RAILROAD	RIGHT-OF-WAY	FY 2017 -	\$100,000	(T)
PITT	STREET. UPGRADE ROADWAY.	UTILITIES	FY 2017 -	\$500,000	(T)

**PROJ.CATEGORY** **ADD RIGHT OF WAY AND UTILITY RELOCATION IN FY 17 AND ACCELERATE CONSTRUCTION FROM FY 21 TO**

DIVISION

**FY 17.****DIVISION 3**

AV-5733	ALBERT J. ELLIS AIRPORT (OAJ), DESIGN AND	CONSTRUCTION	FY 2020 -	\$300,000	(T)
ONSLow	CONSTRUCT RUNWAY 23 HOLDING APRON.		FY 2020 -	<u>\$450,000</u>	(O)

**PROJ.CATEGORY** **PER REQUEST OF AIRPORT, DELAY CONSTRUCTION**

REGIONAL

**FROM FY 17 TO FY 20.**

U-5732A	DAN OWEN DRIVE EXTENSION, SR 1570 (FACTORY	RIGHT-OF-WAY	FY 2017 -	\$755,000	(T)
PENDER	ROAD) TO DAN OWEN DRIVE.	CONSTRUCTION	FY 2018 -	<u>\$750,000</u>	(T)

**PROJ.CATEGORY** **SEGMENT INTO 2 SECTIONS AND ACCELERATE RIGHT**

REGIONAL

**OF WAY FROM FY 18 TO FY 17 AND CONSTRUCTION**  
**FROM FY 21 TO FY 18 FOR SEGMENT "A".****DIVISION 4**

I-5786	I-95, 0.4 MILE NORTH OF US 70 BYPASS (MILEMARKER	CONSTRUCTION	FY 2017 -	\$34,700,000	(NHPIM)
JOHNSTON	96.5) TO 0.2 MILE NORTH OF NC 222 (MILEMARKER		FY 2018 -	<u>\$34,700,000</u>	(NHPIM)

**PROJ.CATEGORY** 108.1). PAVEMENT REHABILITATION. **ACCELERATE CONSTRUCTION FROM FY 19 TO FY 17.**

STATEWIDE

* I-5935	I-795, US 70 TO WILSON COUNTY LINE. PAVEMENT	CONSTRUCTION	FY 2017 -	\$7,925,000	(NHPIM)
WAYNE	REHABILITATION.		FY 2018 -	<u>\$7,925,000</u>	(NHPIM)

**PROJ.CATEGORY** **ACCELERATE CONSTRUCTION FROM FY 22 TO FY 17.**

STATEWIDE

\* INDICATES FEDERAL AMENDMENT

Thursday, May 04, 2017

**REVISIONS TO THE 2016-2025 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 4**

R-5722	SR 1913 (WILSON'S MILLS ROAD), SR 1501 (SWIFT	RIGHT-OF-WAY	FY 2017 -	\$192,000	(T)
JOHNSTON	CREEK ROAD) TO EAST OF SR 1908 (FIRE	UTILITIES	FY 2017 -	\$23,000	(T)
<b>PROJ.CATEGORY</b>	DEPARTMENT ROAD). INTERSECTION	CONSTRUCTION	FY 2017 -	<u>\$1,000,000</u>	(T)
DIVISION	IMPROVEMENTS AT WILSON'S MILLS ELEMENTARY			\$1,215,000	
	SCHOOL.				
	<b><u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u></b>				

U-3621A	SR 1604 (HUNTER HILL ROAD), SR 1613 (NORTH	CONSTRUCTION	FY 2017 -	\$3,000,000	(T)
NASH	WINSTEAD AVENUE) TO SR 1616 (COUNTRY CLUB		FY 2018 -	<u>\$3,000,000</u>	(T)
<b>PROJ.CATEGORY</b>	ROAD).			\$6,000,000	
DIVISION	<b><u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u></b>				

**DIVISION 5**

B-5677	SR 1724 (NORTHSIDE ROAD), REPLACE BRIDGE 380042	RIGHT-OF-WAY	FY 2017 -	\$80,000	(HFB)
GRANVILLE	OVER LEDGE CREEK.	CONSTRUCTION	FY 2019 -	<u>\$775,000</u>	(HFB)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME TO COMPLETE RIGHT-</u></b>			\$855,000	
HWY FUNDS	<b><u>OF-WAY ACQUISITION, DELAY CONSTRUCTION FROM</u></b>				
	<b><u>FY 18 TO FY 19</u></b>				

B-5682	SR 1400 (GRASSY CREEK - VIRGINIA ROAD), REPLACE	RIGHT-OF-WAY	FY 2017 -	\$75,000	(HFB)
GRANVILLE	BRIDGE 380129 OVER BEECH CREEK.	CONSTRUCTION	FY 2019 -	<u>\$720,000</u>	(HFB)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME TO COMPLETE RIGHT-</u></b>			\$795,000	
HWY FUNDS	<b><u>OF-WAY ACQUISITION, DELAY CONSTRUCTION FROM</u></b>				
	<b><u>FY 18 TO FY 19</u></b>				

EB-5718	SR 1012 (WESTERN BOULEVARD), CONSTRUCT	CONSTRUCTION	FY 2021 -	\$1,600,000	(TAP)
WAKE	BICYCLE / PEDESTRIAN TUNNEL IMMEDIATELY WEST		FY 2021 -	\$400,000	(L)
<b>PROJ.CATEGORY</b>	OF SR 1321 (AVENT FERRY ROAD) IN RALEIGH.		FY 2022 -	\$1,600,000	(TAP)
DIVISION	<b><u>PER CITY OF RALEIGH REQUEST, DELAY</u></b>		FY 2022 -	<u>\$400,000</u>	(L)
	<b><u>CONSTRUCTION FROM FY 20 TO FY 21</u></b>			\$4,000,000	

**DIVISION 6**

* I-5850	I-95, NORTH OF US 301 (MILE MARKER 22) TO	CONSTRUCTION	FY 2017 -	\$5,750,000	(NHPIM)
ROBESON	CUMBERLAND COUNTY LINE (MILE MARKER 40).		FY 2018 -	<u>\$5,750,000</u>	(NHPIM)
<b>PROJ.CATEGORY</b>	PAVEMENT REHABILITATION.			\$11,500,000	
STATEWIDE	<b><u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 17.</u></b>				

\* INDICATES FEDERAL AMENDMENT

Thursday, May 04, 2017

**REVISIONS TO THE 2016-2025 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 6**

* I-5850A ROBESON <b>PROJ.CATEGORY</b> STATEWIDE	I-95, NORTH OF US 301 (MILE MARKER 22) TO CUMBERLAND COUNTY LINE (MILE MARKER 40). BRIDGE REHABILITATION, MEDIAN DRAINAGE, AND CONTROL OF ACCESS FENCE.	CONSTRUCTION	FY 2017 -	\$2,000,000 \$2,000,000	(NHPIM)
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**SEGMENT PROJECT INTO 2 SECTIONS AND  
ACCELERATE CONSTRUCTION FROM FY 20 TO FY 17  
FOR SEGMENT "A".**

* I-5938 ROBESON <b>PROJ.CATEGORY</b> STATEWIDE	I-74, NC 710 TO NC 41. PAVEMENT REHABILITATION. <b><u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 17.</u></b>	CONSTRUCTION	FY 2017 -	\$8,650,000 \$8,650,000	(NHPIM)
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* I-5938A ROBESON <b>PROJ.CATEGORY</b> STATEWIDE	I-74, NC 710 TO NC 41. BRIDGE REHABILITATION. <b><u>SEGMENT PROJECT INTO 2 SECTIONS AND ACCELERATE CONSTRUCTION FROM FY 22 TO FY 17 FOR SEGMENT "A".</u></b>	CONSTRUCTION	FY 2017 -	\$1,600,000 \$1,600,000	(NHPIM)
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* U-5742 CUMBERLAND <b>PROJ.CATEGORY</b> REGIONAL	FAYETTEVILLE, FAYETTEVILLE COMPUTERIZED TRAFFIC SIGNAL SYSTEM. <b><u>ADD UTILITIES IN FY 17 NOT PREVIOUSLY PROGRAMMED.</u></b>	UTILITIES CONSTRUCTION	FY 2017 - FY 2017 -	\$150,000 \$4,350,000 \$4,500,000	(STBG) (STBG)
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**DIVISION 7**

B-4960 GUILFORD <b>PROJ.CATEGORY</b> DIVISION	SR 3058 (JUDGE ADAMS ROAD), REPLACE BRIDGE 400214 OVER LITTLE ALAMANCE CREEK. <b><u>TO ALLOW ADDITIONAL TIME FOR MULTI-AGENCY REVIEW OF PERMIT REQUEST, DELAY CONSTRUCTION FROM FY 17 TO FY 18</u></b>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2018 -	\$475,000 \$154,000 \$1,750,000 \$2,379,000	(STPOFF) (STPOFF) (STPOFF)
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* I-5852 GUILFORD <b>PROJ.CATEGORY</b> STATEWIDE	I-73, I-85 TO SR 2085 (BRYAN BOULEVARD) IN GREENSBORO. PAVEMENT REHABILITATION. <b><u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 17 AT REQUEST OF DIVISION.</u></b>	CONSTRUCTION	FY 2017 - FY 2018 -	\$11,123,000 \$11,123,000 \$22,246,000	(NHPIM) (NHPIM)
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\* INDICATES FEDERAL AMENDMENT

Thursday, May 04, 2017

**REVISIONS TO THE 2016-2025 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 10**

C-5621 MECKLENBURG <b>PROJ.CATEGORY</b> EXEMPT	CORNELIUS, US 21 AND CATAWBA AVENUE. RELOCATE INTERSECTION OF US 21 AND CATAWBA AVENUE TO THE EAST AND CONSTRUCT ROUNDBABOUT. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18</u></b>	RIGHT-OF-WAY    CONSTRUCTION	FY 2018 - \$1,000,000 (CMAQ) FY 2018 - \$3,000,000 (BA) FY 2018 - \$250,000 (L) FY 2019 - \$806,000 (CMAQ) FY 2019 - \$3,700,000 (BA) FY 2019 - <u>\$202,000</u> (L) \$8,958,000
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I-5796 MECKLENBURG <b>PROJ.CATEGORY</b> STATEWIDE	I-85, 0.1 MILE NORTH OF SR 5901 (BILLY GRAHAM PKWY) TO 0.3 MILE NORTH OF NC 16. PAVEMENT REHABILITATION. <b><u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17 AT THE REQUEST OF THE DIVISION.</u></b>	CONSTRUCTION	FY 2017 - <u>\$5,100,000</u> (NHPIM) \$5,100,000
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* I-5838 MECKLENBURG <b>PROJ.CATEGORY</b> STATEWIDE	I-277, 0.6 MILES NORTH OF NC 27 TO I-77. BRIDGE REHABILITATION. <b><u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 17 AT THE REQUEST OF THE DIVISION.</u></b>	CONSTRUCTION	FY 2017 - <u>\$2,000,000</u> (NHPIM) \$2,000,000
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* U-5905 MECKLENBURG <b>PROJ.CATEGORY</b> EXEMPT	SR 2112 (LAKEVIEW ROAD), REAMES ROAD TO NC 115. UPGRADE ROADWAY. <b><u>ADD RIGHT-OF-WAY AND UTILITIES PHASES IN FY 19 NOT PREVIOUSLY PROGRAMMED AND RE- DISTRIBUTE FUNDING.</u></b>	ENGINEERING RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - \$2,000,000 (BA) FY 2019 - \$1,000,000 (BA) FY 2019 - \$500,000 (BA) FY 2020 - <u>\$5,500,000</u> (BA) \$9,000,000
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**DIVISION 11**

I-5829 SURRY <b>PROJ.CATEGORY</b> STATEWIDE	I-77, MILEMARKER 91 TO MILEMARKER 95. PAVEMENT REHABILITATION. <b><u>ACCELERATE CONSTRUCTION FROM FY 19 TO FY 17 AT THE REQUEST OF THE DIVISION.</u></b>	CONSTRUCTION	FY 2017 - <u>\$3,400,000</u> (NHPIM) \$3,400,000
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* I-5862 SURRY <b>PROJ.CATEGORY</b> STATEWIDE	I-74, VIRGINIA STATE LINE TO I-77. PAVEMENT REHABILITATION. <b><u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 17 AT THE REQUEST OF THE DIVISION.</u></b>	CONSTRUCTION	FY 2017 - <u>\$3,400,000</u> (NHPIM) \$3,400,000
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\* INDICATES FEDERAL AMENDMENT

Thursday, May 04, 2017

**REVISIONS TO THE 2016-2025 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 11**

* I-5863 SURRY	I-74, US 601 TO MILEMARKER 17.7. PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2017 - <u>\$3,900,000</u> (NHPIM) \$3,900,000
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**PROJ.CATEGORY** **ACCELERATE CONSTRUCTION FROM FY 20 TO FY 17**  
**STATEWIDE** **AT THE REQUEST OF THE DIVISION.**

**DIVISION 13**

I-5885 BUNCOMBE	I-40, US 25 (HENDERSONVILLE ROAD). CONSTRUCT INTERCHANGE IMPROVEMENTS.	CONSTRUCTION	FY 2017 - <u>\$500,000</u> (NHP) \$500,000
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**PROJ.CATEGORY** **ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17**  
**DIVISION** **AT THE REQUEST OF THE DIVISION.**

**DIVISION 14**

* EB-5759 POLK	PENIEL ROAD, WALKER ROAD TO WHEELER ROAD. CONSTRUCT SIDEWALK.	ENGINEERING	FY 2017 - \$20,000 (TAP) FY 2017 - \$5,000 (L)
<b>PROJ.CATEGORY</b>	<u><b>ACCELERATE PRELIMINARY ENGINEERING FROM FY 22 TO FY 17, RIGHT-OF-WAY FROM FY 23 TO FY 18.</b></u>	RIGHT-OF-WAY	FY 2018 - \$60,000 (TAP) FY 2018 - \$15,000 (L)
<b>DIVISION</b>	<u><b>AND CONSTRUCTION FROM FY 24 TO FY 18 AT THE REQUEST OF THE DIVISION.</b></u>	CONSTRUCTION	FY 2018 - \$120,000 (TAP) FY 2018 - <u>\$30,000</u> (L) \$250,000

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP  
HIGHWAY PROGRAM  
STIP ADDITIONS

**DIVISION 13**

* U-6057 BURKE PROJ.CATEGORY EXEMPT	MORGANTON, SOUTH STERLING STREET TO WEST PARKER ROAD. CONSTRUCT CONNECTOR ROAD.	CONSTRUCTION	FY 2017 -	<u>\$1,375,000</u>	(APD)
				\$1,375,000	
	<b><u>PROJECT ADDED AT THE REQUEST OF THE DIVISION. THIS IS AN APPALACHIAN REGIONAL COMMISSION (ARC) LOCAL ACCESS ROAD PROJECT.</u></b>				

STIP MODIFICATIONS

**DIVISION 1**

R-2582A NORTHAMPTON PROJ.CATEGORY DIVISION	US 158/NC 46, I-95/NC 46 IN ROANOKE RAPIDS TO SR 1312 (ST. JOHN CHURCH ROAD) IN NORTHAMPTON COUNTY.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 -	<u>\$13,550,000</u>	(T)
			FY 2017 -	\$440,000	(T)
			FY 2020 -	<u>\$13,500,000</u>	(T)
			FY 2021 -	<u>\$13,500,000</u>	(T)
			FY 2022 -	<u>\$13,500,000</u>	(T)
			FY 2023 -	<u>\$13,500,000</u>	(T)
				\$67,990,000	
R-5738 DARE PROJ.CATEGORY DIVISION	SR 1208 (WEST KITTY HAWK ROAD), SR 1210 (BOB PERRY ROAD) TO IVY LANE. UPGRADE FACILITY AND REPLACE BRIDGE 270040.	RIGHT-OF-WAY CONSTRUCTION	FY 2018 -	<u>\$100,000</u>	(T)
			FY 2019 -	<u>\$2,736,000</u>	(T)
				\$2,836,000	
	<b><u>ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 18 AND CONSTRUCTION FROM FY 21 TO FY 19 DUE TO AVAILABILITY OF FUNDING.</u></b>				
R-5758 NORTHAMPTON PROJ.CATEGORY DIVISION	US 258, HALIFAX COUNTY LINE TO RICH SQUARE TOWN LIMITS. UPGRADE ROADWAY.	CONSTRUCTION	FY 2018 -	<u>\$850,000</u>	(T)
			FY 2019 -	<u>\$850,000</u>	(T)
				\$1,700,000	
	<b><u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 18 DUE TO AVAILABILITY OF FUNDING.</u></b>				
<b>DIVISION 3</b> B-4637 SAMPSON PROJ.CATEGORY DIVISION	SR 1409 (OLD SALEMBURG ROAD), REPLACE BRIDGE 810326 AND BRIDGE 810327 OVER LITTLE COHARIE CREEK AND BRIDGE 810325 OVER LITTLE COHARIE CREEK OVERFLOW.	CONSTRUCTION	FY 2017 -	<u>\$1,550,000</u>	(STPOFF)
				\$1,550,000	
	<b><u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u></b>				

**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.**

\* INDICATES FEDERAL AMENDMENT

Thursday, May 04, 2017

REVISIONS TO THE 2016-2025 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 5**

B-4943 DURHAM PROJ.CATEGORY DIVISION	SR 1616 (BAHAMA ROAD), REPLACE BRIDGE 310020 OVER DIAL CREEK (LAKE MICHIE).	CONSTRUCTION	2017	\$1,450,000	(STPOFF)
				\$1,450,000	
	<b><u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17 AT REQUEST OF OFFICE OF CHIEF ENGINEER.</u></b>				

B-5326 WAKE PROJ.CATEGORY DIVISION	SR 2555 (RAYNOR ROAD), REPLACE BRIDGE 910247 OVER WHITE OAK CREEK IN GARNER.	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2019 -	\$50,000 \$525,000	(STPOFF) (STPOFF)
				\$575,000	
	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND CONSTRUCTION FROM FY 18 TO FY 19</u></b>				

U-5501A WAKE PROJ.CATEGORY DIVISION	SR 1650 (REEDY CREEK ROAD), NORTH HARRISON AVENUE TO 600 FT. SOUTH OF WATTS POND LANE.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2017 - FY 2018 - FY 2018 -	\$540,000 \$135,000 \$200,000 \$50,000 \$3,894,000 \$973,000	(STBGDA) (L) (STBGDA) (L) (STBGDA) (L)
				\$5,792,000	
	<b><u>ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17 AT REQUEST OF TOWN OF CARY AND CAMPO.</u></b>				

U-5501B WAKE PROJ.CATEGORY DIVISION	SR 1650 (REEDY CREEK ROAD), 600 FT. SOUTH OF WATTS POND LANE TO NE MAYNARD ROAD.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2017 - FY 2019 -	\$484,000 \$121,000 \$250,000 \$6,293,000	(STBGDA) (L) (L) (L)
				\$7,148,000	
	<b><u>ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17 AT REQUEST OF TOWN OF CARY AND CAMPO.</u></b>				

**DIVISION 6**

B-4738 CUMBERLAND PROJ.CATEGORY DIVISION	SR 1137 (CRYSTAL SPRINGS ROAD), REPLACE BRIDGE 250189 OVER BUCKHEAD CREEK.	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2019 -	\$50,000 \$700,000	(STPOFF) (STPOFF)
				\$750,000	
	<b><u>ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17 AND CONSTRUCTION FROM FY 19 TO FY 17.</u></b>				

B-5332 COLUMBUS PROJ.CATEGORY DIVISION	SR 1005 (PEACOCK ROAD), REPLACE BRIDGE 230130 OVER CEDAR CREEK.	CONSTRUCTION	FY 2017 -	\$650,000 \$650,000	(STPOFF)
	<b><u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u></b>				

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\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 7**

C-5555E GUILFORD <b>PROJ.CATEGORY</b> EXEMPT	VARIOUS, SR 1546 (COLLEGE ROAD) AND SR 2179 (NEW GARDEN ROAD) IN GREENSBORO. CONSTRUCT SIDEWALKS. <b><u>TO ALLOW CITY ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17.</u></b>	RIGHT-OF-WAY  CONSTRUCTION	FY 2017 - \$40,000 (CMAQ) FY 2017 - \$10,000 (L) FY 2017 - \$180,000 (CMAQ) FY 2017 - \$45,000 (L)	
			\$275,000	

**DIVISION 9**

C-5216 DAVIDSON <b>PROJ.CATEGORY</b> EXEMPT	SR 3346 (SOUTH MAIN STREET), EXTEND SIDEWALKS ON SOUTH MAIN STREET AND PROVIDE WIDE PAVED SHOULDERS ON ANNA LEWIS DRIVE AND EMERGENCY DRIVE TO PROVIDE BICYCLE ACCESS TO LEXINGTON MEMORIAL HOSPITAL IN LEXINGTON. <b><u>PENDING REQUEST FROM CITY FOR MUNICIPAL AGREEMENT, DELAY ENGINEERING AND CONSTRUCTION FROM FY 16 TO FY 17.</u></b>	ENGINEERING  CONSTRUCTION	FY 2017 - \$107,000 (CMAQ) FY 2017 - \$27,000 (L) FY 2017 - \$481,000 (CMAQ) FY 2017 - \$120,000 (L)	
			\$735,000	

C-5217 DAVIDSON <b>PROJ.CATEGORY</b> EXEMPT	VARIOUS, BIKE AND PEDESTRIAN IMPROVEMENTS IN VICINITY OF SCHOOL. BISECKER AND MIZE ROADS, PROVIDE WIDE PAVED SHOULDERS AND CONSTRUCT SIDE-WALKS ON CORNELIA STREET AND HILLSIDE DRIVE IN LEXINGTON. <b><u>PENDING REQUEST FROM CITY FOR MUNICIPAL AGREEMENT, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u></b>	CONSTRUCTION	FY 2017 - \$152,000 (CMAQ) FY 2017 - \$38,000 (L)	
			\$190,000	

EB-4020C FORSYTH <b>PROJ.CATEGORY</b> TRANSITION	BRUSHY FORK GREENWAY, LOWERY STREET TO REYNOLDS PARK ROAD <b><u>TO REFLECT CITY'S CURRENT DELIVERY SCHEDULE, DELAY RIGHT OF WAY AND CONSTRUCTION FROM FY 17 TO FY 18.</u></b>	RIGHT-OF-WAY  CONSTRUCTION	FY 2018 - \$20,000 (STBGDA) FY 2018 - \$5,000 (L) FY 2018 - \$700,000 (STBGDA) FY 2018 - \$300,000 (STPEB) FY 2018 - \$175,000 (L)	
			\$1,200,000	

* U-5539A FORSYTH <b>PROJ.CATEGORY</b> DIVISION	US 311; SR 4394 (MARTIN LUTHER KING, JR. BOULEVARD), US 158 / US 421 / NC 150 / BUSINESS 40 TO US 52 / NC 8 IN WINSTON-SALEM. STREETSCAPE IMPROVEMENTS. <b><u>TO REFLECT CITY'S CURRENT DELIVERY SCHEDULE, DELAY RIGHT OF WAY FROM FY 17 TO FY 19 AND CONSTRUCTION FROM FY 17 TO FY 20.</u></b>	RIGHT-OF-WAY  CONSTRUCTION	FY 2019 - \$120,000 (STPDA) FY 2019 - \$30,000 (L) FY 2020 - \$2,192,000 (STPDA) FY 2020 - \$548,000 (L)	
			\$2,890,000	

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\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 11**

I-5830 SURRY	I-77, MILEMARKER 99 TO I-74. PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2017 -	<u>\$3,600,000</u>	(NHPIM)
				\$3,600,000	
<b>PROJ.CATEGORY</b> STATEWIDE	<b><u>CONSTRUCTION ACCELERATED FROM FY 19 TO FY 17</u></b> <b><u>AT THE REQUEST OF THE DIVISION.</u></b>				

R-5745 CALDWELL <b>PROJ.CATEGORY</b> DIVISION	US 64/NC 90/NC 18 (WILKESBORO BLVD), INTERSECTION OF US 64/NC 90/NC 18 (WILKESBORO BOULEVARD) AND US 64/NC 90 (TAYLORSVILLE ROAD). CONSTRUCT INTERSECTION IMPROVEMENTS.	CONSTRUCTION	FY 2017 -	<u>\$190,000</u>	(T)
				\$190,000	
	<b><u>CONSTRUCTION ACCELERATED FROM FY 18 TO FY 17</u></b> <b><u>AT THE REQUEST OF THE DIVISION.</u></b>				

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\* INDICATES FEDERAL AMENDMENT

Thursday, May 04, 2017

NCDOT May 4, 2017 Board of Transportation Agenda

SUMMARY: There are a total of 42 agreements for approval by the Board of Transportation.

Statewide

North Carolina Department of  
Natural and Cultural Resources  
(DNCR)

This is a Reimbursement Agreement with DNCR to continue funding four (4) positions in the Office of State Archeology, two (2) positions in the State Historic Preservation Office and two (2) positions in the National Heritage Program over a period of five (5) years. These positions are needed to support project development and review/coordination of Department projects across the state. The Department shall reimburse DNCR an amount not to exceed \$3,600,000 for the five (5) year period.

North Carolina Department of  
Environmental Quality (DEQ)

This is a Reimbursement Agreement with DEQ to continue funding thirteen (13) positions in the Division of Water Resources and three (3) positions in the Division of Coastal Management over a period of five (5) years. These positions are needed to support project development and permitting of Department projects across the state. The Department shall reimburse DEQ an amount not to exceed \$8,500,000 for the five (5) year period.

North Carolina Wildlife  
Resources Commission (WRC)

This is a Reimbursement Agreement with WRC to continue funding two (2) positions in the Division of Inland Fisheries over a period of five (5) years. These positions are needed to support project development and review of Department projects across the state. The Department shall reimburse WRC an amount not to exceed \$900,000 for the five (5) year period.

Division 1

Elizabeth City State University  
Dare County  
50084.1.5

This Project is to provide a National Summer Transportation Institute curriculum targeted for middle and high school students related to transportation career opportunities. The Department shall reimburse the University one-hundred percent (100%) of the approved eligible costs up to the maximum federal and state award amount of \$55,000.

Elizabeth City State University  
(Middle School Program)  
Dare County  
50084.1.5

This Project is to provide a National Summer Transportation Institute curriculum targeted for middle school students related to transportation career opportunities. The Department shall reimburse the University one-hundred percent (100%) of the approved eligible costs up to the maximum federal and state award amount of \$52,193.

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NCDOT May 4, 2017 Board of Transportation Agenda

Division 2

Town of Beaufort  
Carteret County  
M-0492V  
44527.1.23

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the Town of Beaufort. The Department will be responsible for all phases of the Project. The Municipality shall provide a local match of \$4,000 for the \$36,000 in State and SPR funding.

Division 3

City of Wilmington  
New Hanover County  
U-5534T  
44096.1.22  
44096.3.22

This Project consists of the installation of traffic preemption equipment at 27 locations throughout the City of Wilmington and GPS devices on fire apparatus. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$506,702. The Municipality will be responsible for providing the 20% (\$126,676) non-federal match for the STP-DA funds authorized and all costs that exceed the total available funding.

City of Wilmington  
New Hanover County  
U-5534F  
44096.1.F7  
44096.2.F7  
44096.3.F7

This Project consists of the design and construction of a multi-use trail on Park Avenue between Audubon Drive and Kerr Avenue in Wilmington. This Supplemental Agreement is to increase funding for the Project. The Department agrees to reimburse the Municipality an additional \$240,000 (80%) for a total of \$560,000 in Transportation Enhancement funds. The Municipality's original participation was \$80,000. The Municipality will provide an additional \$60,000 (20%) for a total of \$140,000 as their local match, and all costs that exceed the total available funding.

Town of Burgaw  
Pender County  
42894

This Rail Agreement covers the general cleanup and maintenance of the rail corridor from Drane Street to south of Clark Street, which is within the Department's railroad right-of-way inside the municipal limits. General cleanup will include mowing, vegetation control, removal and disposal of debris. The Municipality will perform the work. The Department will reimburse the Municipality \$12,000 per year for 5 years. The estimated cost to the Department is \$60,000.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 4

City of Rocky Mount  
Nash County  
M-0492Z  
44527.1.27

This Project consists of the development of a Comprehensive Bicycle Plan for the City of Rocky Mount. The Municipality is responsible for all phases of the Project. The Department shall allocate \$60,000 (60%) of State and SPR funds. The Municipality shall provide a local match of \$40,000 (40%). The Municipality shall bear all costs that exceed this available funding.

Town of Mount Olive  
Wayne County  
M-0492X  
44527.1.25

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the Town of Mount Olive. The Department will be responsible for all phases of the Project. The Municipality shall provide a local match of \$4,000 for the \$36,000 in State and SPR funding.

Roanoke Rapid Sanitary District  
Halifax County  
37742

This Project consists of the installation of dual 103" X 71" culverts and related items on SR 1629 in Roanoke Rapids. This work is being done in association with the relocation of existing utilities for the future widening of SR 1629. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual costs in an amount of \$500,000.

CSX Intermodal Corporation  
(CSXI)  
Edgecombe County  
P-5711  
44908

This Rail Agreement sets out the responsibilities for the construction of infrastructure required to operate the Carolina Connector Intermodal facility located in Rocky Mount. CSXI will perform all construction work which will include an intermodal rail terminal, lead tracks, wye tracks, site/civil, electrical, mechanical and communications infrastructure, along with highway access. The Department shall reimburse CSXI a portion of the construction costs. The total estimated cost to the Department, including both the construction cost participation in the Intermodal Terminal, track projects, and associated roadway improvements, is up to \$100,000,000.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 4, cont.

CSX Transportation, Inc. (CSXT) On October 2, 2009, the Department and CSXT entered into a Railroad Master Construction Agreement which detailed the terms and conditions by which CSXT would construct various rail safety improvements within the State of North Carolina. This Addendum #11 to the Master Construction Agreement covers the construction of a new A-line track, and signal improvements, between CSXT (Mileposts A 105.0 and A 120.0), including structures, to facilitate the new Carolina Connector Intermodal Terminal facility in Rocky Mount. CSXT will perform the design work, prepare the environmental documents, and obtain the permits under the terms of the Preliminary Engineering Agreement. CSXT will acquire all right-of-way and relocate all utilities, at no cost to the Department. CSXT will perform all of the construction work for the project. The Department will reimburse CSXT a portion of the actual eligible construction costs. The total estimated cost to the Department, including both the construction cost participation in the Intermodal Terminal track projects and associated roadway improvements is up to \$100,000,000.

Town of Four Oaks  
Johnston County  
Z-5700DA

This Rail Agreement covers the installation of warning devices and associated roadway safety improvements at the municipal highway-railway grade crossing on Baker Street; (Crossing # 629 722Y, milepost A 171.62). The Department will coordinate with the railroad for the warning devices, and the municipality will be responsible for the roadway work. The Department will be responsible for 90% of the cost of the work, and the Municipality will be responsible for 10% of the cost of the work. The estimated cost of the work is \$250,000.

Division 5

Town of Morrisville  
Wake County  
U-5618  
47167.2.1  
47167.3.1  
2019CPT.05.01.20921.1

This Project consists of the widening of SR 3014 (Morrisville-Carpenter Road) to 4-lanes from west of NC 54 to Davis Drive. The portion of the work from Old Savannah Drive to Davis Drive will consist of repaving and re-striping the existing roadway to a 4-lane, median divided road with center left turn lanes where appropriate. As part of this project, the Municipality will also relocate utilities between Old Savannah Drive and Page Street. The total estimated cost is \$9,375,000. The Department shall reimburse 70% of approved eligible costs from the STP-DA funds allocation, not to exceed \$6,300,000 and \$375,000 of state funds. The Municipality shall provide the 30% non-federal match (\$2,700,000) for the STP-DA funds and all costs that exceed the total estimated cost.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 5, cont.

Town of Cary  
Wake County  
U-5501  
45488.1.1

This Project consists of environmental study and preliminary engineering for the widening of Reedy Creek Rd from NE Maynard to N. Harrison Avenue to include safety and pedestrian improvements, approximately 1.2 miles, in Cary. This Supplemental Agreement is to increase the Department's funding an additional \$56,000 of STP-DA funds. The Municipality will provide \$14,000 as their local match. The Municipality shall complete the pre-construction phase of the Project by December 31, 2017 in lieu of December 21, 2015.

Town of Apex  
Wake County  
M-0492T  
44527.1.21

This Project consists of the development of a Comprehensive Bicycle Plan for the Town of Apex. The Municipality is responsible for all phases of the Project. The Department shall allocate \$49,000 (70%) of State and SPR funds. The Municipality shall provide a local match of \$21,000 (30%). The Municipality shall bear all costs that exceed available funding.

City of Durham  
Durham County  
EB-5720  
50416.3.1

This Project consists of design and construction of a bicycle and pedestrian trail on NC Hwy 147 (Durham Freeway) to connect with the existing Rocky Creek Trail in Durham. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from TAP funds allocation, not to exceed \$988,000. The Municipality will be responsible for providing the 20% (\$247,000) non-federal match and all costs that exceed the total available funding.

CSX Transportation, Inc. (CSX)  
Baranof Holdings Storage, LLC  
Wake County  
38257

This Railroad Memorandum of Understanding for improvements adjacent to the Department's Capital Yard was approved at the September 8, 2016 Board meeting, and is being run again to increase allowable spending by the Department. The increased cost to the Department is changed from not to exceed \$75,000 to not to exceed \$125,000, due to unanticipated grading issues that will reduce the amount of work that the Capital Yard South Lead project will have to do. All other terms and conditions of the Agreement approved at the September 8, 2016 Board meeting are the same.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 5, cont.

Vance Granville Community  
College  
Vance County  
50084.1.9

This Project is to provide a National Summer Transportation Institute curriculum targeted for middle and high school students related to transportation career opportunities. The Department shall reimburse the College one-hundred percent (100%) of the approved eligible costs up to the maximum federal and state award amount of \$35,000.

Division 6

R.J. Corman Railroad/Carolina  
Lines (RJCS)  
Columbus County  
Horry County, SC  
Marion County, SC  
80000.1.4.34

This Rail Agreement covers the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist RJCS with the rehabilitation of the Whiteville Line from Chadbourn to near the former Georgia Pacific facility at (milepost 293). The project will include the installation of crossties, rails, bridge repairs, at-grade crossing repairs, signal upgrades, switch installations, surfacing and brush clearing. RJCS will perform the work. The Department will participate in the total cost of the project up to \$3,645,915. The total cost of the project is \$7,380,261. As a condition of the award of funds, RJCS and the Department shall enter into a Contingent Interest Agreement and Instrument of Indebtedness to secure lien on the project assets for five (5) years.

Fayetteville State University  
Cumberland County  
50084.1.7

This Project is to provide a National Summer Transportation Institute curriculum targeted for middle and high school students related to transportation career opportunities. The Department shall reimburse the University one-hundred percent (100%) of the approved eligible costs up to the maximum federal and state award amount of \$45,000.

University of North Carolina at  
Pembroke  
Robeson County  
50084.1.8

This Project is to provide a National Summer Transportation Institute curriculum targeted for middle and high school students related to transportation career opportunities. The Department shall reimburse the University one-hundred percent (100%) of the approved eligible costs up to the maximum federal and state award amount of \$40,000.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 7

Town of Hillsborough  
Orange County  
W-5143  
45267.3.FD1

This Project consists of improving the horizontal alignment of a curve on SR 1004 (Efland Cedar Grove Road) north of the intersection with SR 1332 (Highland Farm Road) in Hillsborough. The Municipality has a reservoir project proposed along the same section of road as the Department's Project. At the request of the Municipality, the Department will include construction of the reservoir road improvements along the same section as part of the work. The reservoir project will require road improvements outside of the original construction limits of the Department's plans. The work for both projects will be combined as one Project in order to save cost and public exposure of duplicate road closures. The Department will participate in the maximum funding amount of \$467,000 toward the reservoir project. The Municipality is responsible for \$1,129,232 and any costs exceeding the total estimated amount of \$1,596,232.

Town of Chapel Hill  
Orange County  
EB-5721  
50417.3.1

This Project consists of design and construction of a multi-modal side-path along Fordham Boulevard (Hwy 15-501) in Chapel Hill. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from TAP funds allocation, not to exceed \$446,400. The Municipality will be responsible for providing the 20% (\$111,600) non-federal match and all costs that exceed the total available funding.

North Carolina Railroad  
Company (NCRR)  
Guilford County  
37676

On July 31, 2003, the Department (Tenant) and NCRR (Landlord) entered into a Lease Agreement, which was supplemented on July 19, 2004, March 9, 2007, June 18, 2009, and October 8, 2012, regarding property located at 101 North Main Street in Burlington. This Supplement No. 5 to the Lease Agreement extends the expiration date of the lease from July 31, 2017 to July 31, 2022, changes the annual payment schedule from \$14,369 to \$14,800 with an annual 3% escalation, and adds required state statutes that were not contained in previous supplements. All other provisions of the Lease Agreement, including all supplemental agreements, shall remain the same.

NC A&T State University  
Guilford County  
50084.1.4

This Project is to provide a National Summer Transportation Institute curriculum targeted for middle and high school students related to transportation career opportunities. The Department shall reimburse the University one-hundred percent (100%) of the approved eligible costs up to the maximum federal and state award amount of \$60,000.

May 4, 2017

NCDOT May 4, 2017 Board of Transportation Agenda

Division 8

Town of Seagrove  
Randolph County  
M-0492HA  
44527.1.28

This Project consists of the development of a Comprehensive Pedestrian Plan for the Town of Seagrove. The Department is responsible for all phases of the Project. The Municipality shall provide a local match of \$4,000 for the \$36,000 SPR and State funding.

Division 9

Town of Lewisville  
Forsyth County  
U-5617  
47082.1.1  
47082.2.1  
47082.3.1

This Project consists of widening SR 1173 (Williams Road) from the roundabout east of bridge over US 421 to west of the roundabout at SR 1001 (Shallowford Road) to a three (3) lane curb and gutter facility with twelve-foot (12') wide travel lanes and a ten-foot (10') planted median or center turn lane in Lewisville. The Department shall reimburse 80% (\$1,195,744) from STP-DA funding. The Municipality shall provide the 20% (\$298,936) non-federal match.

City of Kannapolis  
Rowan County  
C-5603C  
43713.1.3  
43713.2.3  
43713.3.3

This Project consists of construction of 6500 linear feet of sidewalk, curb and gutter, and associated storm drainage near Woodrow Wilson School on Walnut Street, 9th Street and Locust Street in Kannapolis. The Department shall reimburse 80% (\$1,148,800) from CMAQ funding. The Municipality shall provide the 20% (\$287,200) non-federal match.

Division 10

City of Charlotte  
Mecklenburg County  
U-0209B  
34749.3.GV4

This Project consists of widening of Independence Boulevard from Albemarle Road to east of Conference Drive with the construction of interchanges at Sharon Amity Road and Idlewild Road in Mecklenburg County. This Supplemental Agreement is to reimburse the Municipality an additional \$148,800 in Project Funds for the traffic signal installation at the intersection of East Independence Boulevard (US 74) and Sharon Forest Drive.

Town of New London  
Stanly County  
M-0492Y  
44527.1.26

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the Town of New London. The Department will be responsible for all phases of the Project. The Municipality shall provide a local match of \$4,000 for the \$36,000 SPR and State funding.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 10, cont.

City of Charlotte  
Mecklenburg County  
Z-5700JC

This Rail Agreement covers the installation of warning devices and associated roadway safety improvements at the municipal highway-railway at-grade crossing of Central Avenue (Crossing #631 393C, Milepost SF-328.84). The Department will coordinate with the railroad for the warning device work, and the municipality will be responsible for the roadway work. The Department will be responsible for 90% of the cost of the work, and the Municipality will be responsible for 10% of the cost of the work. Estimated cost of the project is \$350,000.

City of Charlotte  
Mecklenburg County  
32213

This Rail Agreement between the Department and the most responsive and highest bidder covers the Cedar Yard parking lot property owned jointly by the Department (60%) and the City of Charlotte (40%) in uptown Charlotte. The award of this Agreement is based upon a competitive bid process for vehicle parking rights on the property. The Department will be entitled to 60% of the lease proceeds, with the City of Charlotte collecting the remaining 40%. This Lease Agreement takes effect on June 1, 2017 for a period of 3 years.

Division 12

City of Mount Holly  
Gaston County  
M-0492W  
44527.1.24

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the City of Mount Holly. The Municipality is responsible for all phases of the Project. The Department shall allocate \$49,000 (70%) from State and SPR funds. The Municipality shall provide a local match of \$21,000 (30%). The Municipality shall bear all costs that exceed this available funding.

City of Gastonia  
Gaston County  
EB-5701  
51047.1.1  
51047.2.1  
51047.3.1

This Project consists of a pedestrian bridge over Duharts Creek, a flood study and 1.5 miles of sidewalk connections from Duharts Creek to the City Limits and along the north side of US 29/74(Franklin Blvd, SR 2200). The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the TAP funds allocation, not to exceed \$715,000. The Municipality will be responsible for providing the 20% (\$179,000) non-federal match for the TAP funds authorized and all costs that exceed the total available funding.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 12, cont.

Progressive Rail, Inc.  
Gaston County

This Rail Agreement consists of the granting of an exclusive lease to Progressive Rail, Inc. of a portion of the Department's Piedmont & Northern Railway (P&N) corridor between (milepost SFC 11.39) at Mt. Holly and (milepost SFC 23.0) at Gastonia, and the Belmont Branch between (milepost SFC 13.6/SFF 0.13) and (milepost SFF 1.56). The lease is for a period of 10 years, with 3 renewable terms of 5 years, and includes, real property, right-of-way, roadbed, main track, sidings, industrial tracks, yards, storage areas, culverts, bridges, fixtures, improvements, and all other railroad appurtenances located between the aforementioned railroad mileposts. The Agreement also covers all terms and conditions agreed to by Progressive Rail Inc. While there is no cost to the Department, Progressive Rail Inc. shall invest \$800,000 in the development of new industrial access along the corridor as well as aggressively market to new potential customers.

City of Statesville  
Iredell County  
42385

This Rail Agreement allows for an additional 3 year extension of the lease covering the Statesville Train Station building and property owned and preserved for future rail passenger service by the Department, and used by the Municipality as a Police Department Sub-Station, which expires on May 31, 2017. The Municipality is responsible for a market rate monthly lease payment of \$450 and routine maintenance of the building and grounds. This Lease Agreement takes effect on June 1, 2017 and expires on May 31, 2020.

Division 13

City of Asheville  
Buncombe County  
M-0492U  
44527.1.22

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the City of Asheville. The Municipality is responsible for all phases of the Project. The Department shall allocate \$36,000 (60%) of State and SPR funds. The Municipality shall provide a local match of \$24,000 (40%). The Municipality shall bear all costs that exceed this available funding.

Division 14

Town of Tryon  
Polk County  
M-0492NB  
44527.1.30

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the Town of Tryon. The Department will be responsible for all phases of the Project. The Municipality shall provide a local match of \$4,000 for the \$36,000 in State and SPR funding.

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Transylvania County  
M-0492NA  
44527.1.29

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for Transylvania County. The Department will be responsible for all phases of the Project. The Municipality shall provide a local match of \$21,000 for the \$49,000 in State and SPR funding.

NCDOT May 4, 2017 Board of Transportation Agenda

SUMMARY: There are a total of 35 agreements for informational purposes only.

Division 1

Hyde County Board of Education  
Hyde County  
36249.3772

This Project consists of delivering 125 Cubic Yards of sand from the NCDOT dredge spoil site to Ocracoke School. The Department shall be responsible for all phases of the Project. The County shall reimburse the Department 100% of the cost of the work performed by the Department. The estimated reimbursement from the County is \$2,500.

County of Currituck

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

Division 2

CDG-New Bern LLC  
Craven County  
36249.3771

This Project consists of review and inspection of for traffic signal upgrades at the intersections of US 17B at S. Glenburnie Road (SIN 02-0032), Trent Road at Glenburnie Road (SIN 02-0370), US 17B at Trent Road (SIN 02-0462), and installation of a new traffic signal at US 17B at New Bern Marketplace main entrance. Steel poles will be used for the new traffic signal. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$33,000.

Town of Walstonburg  
Greene County

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

Town of Ayden  
Pitt County

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

May 4, 2017

NCDOT May 4, 2017 Board of Transportation Agenda

Division 2, cont.

Town of Winterville  
Pitt County

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

Division 3

City of Jacksonville  
Onslow County  
3.1067SM

This Project consists of installation of generator transfer switches at all signals on the Jacksonville Schedule C and Schedule D agreements. The Municipality shall be responsible for all phases of the Project. The Municipality shall reimburse the Department 100% of the costs for any damage to the traffic signal equipment caused by the use of the generators. The Municipality shall assume maintenance responsibility upon completion of the work.

City of Jacksonville  
Onslow County  
3.106711

This Agreement is to provide "routine" and/or "clean up" sweeping of the State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the sweeping. The Department shall reimburse the Municipality up to \$18,939.50 for the yearly mowing cycle.

CarMax Auto Superstores, Inc.  
New Hanover County  
36249.3783

This Project consists of Installation of a right turn deceleration lane for the CarMax Auto Superstore, Inc. The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department 100% of the cost of the work performed by the Department. The estimated reimbursement from the Developer is \$96,730.

County of New Hanover  
36249.3774

This Project consists of review and inspection of a traffic signal installation at the intersection at US17 Business (Market Street) and New Hanover County Fire Station #16 (Ogden Fire Department) driveway in Ogden. The County shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$5,000.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 3, cont.

Town of St. James  
Brunswick County  
36249.3779

This Project consists of design, fabrication, and installation of directional sign for Bald Head Island and St. James on US 17 Southbound prior to NC 87. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$520.

Town of Bald Head Island  
Brunswick County  
36249.3778

This Project consists of design, fabrication, and installation of directional sign for Bald Head Island and St. James on US 17 Southbound prior to NC 87. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$520.

Division 4

City of Rocky Mount  
Nash County  
4SP.10641.15

This Project consists of design, fabrication, and installation of highway signs on US 64 designating a portion of the roadway as Martin Luther King Jr. Highway. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$20,000.

Drake Community  
Development, Inc.  
Nash County  
36249.3777

This Project consists of design, fabrication, and installation of "Welcome to Drake Community" signs on NC 48. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$750.00.

County of Wayne  
36249.3780

This Project consists of design, fabrication, and installation of "Welcome to Wayne County" informational signs on various routes within the County. The County shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$35,000.

Division 5

Town of Wake Forest  
Wake County  
U-5118BA  
42379.1.3  
42379.3.F3

This Project consists of improvements on Ligon Mill Road in Wake Forest, adding turn lanes, sidewalks, bike lanes, streetlights, and pedestrian signal. The Municipality is responsible for all phases of the project. This Supplemental Agreement extends the completion date for the Project to July 30, 2020, in lieu of December 31, 2018.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 5, cont.

City of Raleigh  
Wake County

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

City of Raleigh  
Wake County  
46914

This Project consists of milling and resurfacing of Birch Ridge Drive and Middle Branch Drive in Raleigh near the Century Center NCDOT complex in order for City of Raleigh to take over maintenance of the roads. The Municipality is responsible for all phases of the work. The estimated cost of the work is \$200,000. The Department shall participate in the cost up to a maximum amount of \$100,000. Costs which exceed this amount shall be borne by the Municipality.

County of Wake

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

Town of Cary  
U-5500B  
45487.3.2

This Project consists of the widening of Green Level West Road from west of NC 55 to NC 540 in Cary. This Supplemental Agreement is to amend the Maintenance provision so the Municipality shall assume maintenance of the retaining wall built for the Project.

Division 6

Town of Tabor City  
Columbus County  
46305.3.4

This Project consists of landscape enhancement along US 701 Bypass in Tabor City between SR 1305 and NC 904. 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.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 8

Town of Carthage  
Moore County  
8.108315

This Agreement is to provide “routine” and/or “clean up” mowing of the State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall reimburse the Municipality up to \$6,000 per year for the mowing cycle.

Division 10

QuikTrip Corporation  
Cabarrus County  
I-3802A  
36780.3.FS1

This Project consists of the construction of a tie-in from the QuikTrip Corporation Gas Station located on -Y-13 Lane Street to the redesign of Lane Street resulting from the I-3802A Project. The Department is responsible for all phases of the project. The Developer shall reimburse the Department for the work in a lump sum payment in the amount of \$119,158.38.

Haven Campus Communities  
Mecklenburg County  
W-5710A  
44856.3.1

This Project consists of the installation of a left-turn lane on Old Concord Road (SR 2939) at the intersection with Suther Road in Charlotte. The Department is responsible for all phases of the project. The Developer shall reimburse the Department \$100,000 towards the construction costs of the project.

Kolter Homes, LLC  
Mecklenburg County  
SS-4910CP  
44962.3.1

This Project consists of the installation of a traffic signal at the intersection of Harrisburg Road (SR 2805) and Camp Stewart Road (SR 2808) in Charlotte. The Department is responsible for all phases of the project. The Developer shall participate in the cost of the project in the amount of \$45,000.

Division 11

Town of Boone  
Watauga County  
36249.3775

This Project consists of providing full time inspection for the encroachment installation of the raw water intake project for the Town of Boone. The Department will review the plans and inspect the waterline installation. The Municipality shall reimburse the Department 100% of the inspection work performed by the Department. The estimated reimbursement is \$108,560.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 11, cont.

City of Mount Airy  
Surry County

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

Division 12

City of Gastonia  
Gaston County  
EB-5534  
50049.3.1

This Project consists of the construction of the Catawba Creek Greenway Extension from Ferguson Park to downtown Gastonia. This Supplemental Agreement addresses the standardized completion dates for projects based on the funding authorization dates. The Municipality has five (5) years from the date of authorization of Federal funds for the construction phase to complete all work.

City of Gastonia  
Gaston County  
U-5961  
45975.1.1  
45975.2.1  
45975.3.1

This Project consists of improvements on NC 274 (Union Road) from Osceola Street to Niblick Drive. The Department shall be responsible for all phases of the Project. The Municipality has agreed to contribute \$5,000,000 to the costs of the project in order to accelerate project delivery.

Shinnville Ridge Partners, LLC  
Lincoln County  
36249.3773

This Project consists of the installation of a new signal at NC 16 Business and Natalie Commons Drive (Non-System)/Project Driveway. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$5,000.

Cleveland County  
47336

This Project consists of construction of a new three-lane road off of Washburn Switch Road to new industrial sites and place a 35 ft shift in SR 1313 (Washburn Switch Road). The County shall be responsible for all phases of the Project. The Department shall participate in actual costs in an amount not to exceed \$575,000. Costs which exceed this amount shall be borne by the County.

City of Kings Mountain  
Cleveland County  
12.102313

This Agreement is to provide "routine" and/or "clean up" mowing of the State maintained roadways within the corporate limits of the City of Kings Mountain. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall pay the Municipality up to \$15,200 for the yearly mowing cycle.

NCDOT May 4, 2017 Board of Transportation Agenda

Division 13

NC Division of Parks and  
Recreation  
Burke County  
36249.3781

This Project consists of grading, drainage and paving to expand the existing parking lot from 18 parking spaces to a total of 30 parking spaces. The Department is responsible for all phases of the Project. The Agency shall reimburse the Department 100% of the work performed by the Department. The estimated reimbursement is \$20,000.

Division 14

Ingles, Inc.  
Henderson County  
36249.3776

This Project consists of review and inspection of a traffic signal installation on US 25 Business 0.25 miles south of Stoney Mountain Road in Hendersonville. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$5,000.

Town of Franklin  
Macon County  
U-5604  
45832.3.1

This Project consists of improvements on US 441 Business from US 23/US 64/US 441 to Porter Street. The Department shall prepare the planning document, project plans and specifications, acquire any needed right of way, relocate and adjust utilities and construct the Project at no cost to the Municipality.

**NCDOT May 2017 Board of Transportation Agenda**  
**Approval of Municipal Street System Changes**

**There will be no municipal street system changes presented for approval at the May 2017 Board meeting.**

## NCDOT May 2017 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
7	Authorization to Condemn Right of Way for Secondary Road Project	R-9

**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 4)**

**Johnston County; I.D. No. U-5795; Project No. 44366.2.1:**  
SR 2302 (Ricks Road) from US 70 to US 301

**Wayne County; I.D. No. U-2714; Project No. 38979.2.1:**  
US 117 Alternate from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro

**(Division 5)**

**Franklin County; I.D. No. C-5527; Project No. 51041.2.F1:**  
Louisburg – SR 1229 (South Main Street) from the existing sidewalk to NC 56 West, construct sidewalk

**(Division 6)**

**Cumberland County; I.D. No. B-5691; Project No. 45645.2.1:**  
Bridge No. 52 over South River on SR 1006 (Maxwell Road)

**(Division 7)**

**Alamance County; I.D. No. U-3109A; Project No. 34900.2.5:**  
NC 119 Relocation from I-40/I-85 to North of SR 1921 (Mebane Rogers Road / State Coach Road)

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

**(Division 9)**

**Davie County; I.D. No. R-5728; Project No. 50220.2.1:**  
US 601 at South Salisbury Street in Mocksville

**(Division 10)**

**Mecklenburg County; I.D. No. U-5526A; Project No. 50081.2.1:**  
US 74 (Independence Boulevard) from I-277 to Wallace Lane, convert bus lanes to express lanes

**(Division 11)**

**Caldwell County; I.D. No. U-5776; Project No. 50187.2.1:**  
Intersection of SR 1106 (Duke Street) and US 321A in Granite Falls

**(Division 12)**

**Cleveland County; I.D. No. B-5390; Project No. 46105.2.1:**  
Bridge No. 31 over Muddy Fork Creek on SR 2002

**(Division 14)**

**Jackson County; I.D. No. B-5905; Project No. 48037.2.2:**  
Bridge No. 27 over Scott Creek and Southern Railroad on US 23 Business

**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 4)****Project No. 36596.2.FR1; Nash County; I.D. No. U-3330:**

Grading, drainage, paving, structures, culvert, signals and noise wall in Rocky Mount – US 301 Bypass from SR 1836 (May Drive) to NC 43-48 (Benvenue Road) with the right of way indicated upon the final plans for said project.

**Project No. 38543.2.1; Johnston County; I.D. No. B-4771:**

Grading, drainage, paving and structure on Bridge No. 11 over Mill Creek on SR 1201 with the right of way indicated upon the final plans for said project.

**(Division 5)****Project No. 38600.2.2; Wake/Franklin Counties; I.D. No. B-4830:**

Grading, drainage, paving and structure on Bridge No. 20 over Moccasin Creek with the right of way indicated upon the final plans for said project.

**Project No. 38664.2.2; Durham County; I.D. No. EB-4707B:**

Grading, drainage, paving, signals and culvert on SR 2220 (Chapel Hill Road) from SR 1113 (Pope Road) to SR 1116 (Garrett Road). Moved from April 2017 BOT Agenda

**(Division 7)****Project No. 34900.2.5; Alamance County; I.D. No. U-3109A:**

Grading, drainage, paving, signals, structures and culverts on NC 119 relocation from I-40/I-85 to North of SR 1921 (Mebane Rogers Road/Stage Coach Road) with the right of way indicated upon the final plans for said project.

**(Division 10) (continued)**

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

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

**(Division 12)**

**Project No. 34497.2.4; Cleveland County; I.D. No. R-2707C:**

Signing, grading, drainage, paving, retaining wall, culvert and structures on US 74 (Shelby Bypass) from East of NC 226 to East of NC 150 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 3)**

**Project No. 40233.2.1; I.D. No. B-4929; Pender County:**

Final Right of Way plans approved on the minutes of the August 4, 2016 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 9 as presented at the May 4, 2017 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 5)**

**Project 44092.2.STR01P5500, Parcel P-5500 116, SR 1004 (W. Garner Road) across from SR 2848 (Meadowbrook Drive)  
Wake County**

Conveyance of an approximate 0.564-acre residue area to 1529 Properties, LLC; the highest bidder after public advertisement, for the high bid amount of \$106,666.66.

**(Division 6)**

**Project 34416.2.2, Parcel R-2303A 062, NC 24 from West of SR 1006 (Maxwell Road/Clinton Road) to SR 1853 (John Nunnery Road)  
Cumberland County**

Conveyance of an approximate 0.270-acre residue area to Charlie Edward Spell and Linda Fisher Spell, the highest bidders after public advertisement, for the high bid amount of \$6,001.00.

**(Division 7)**

**Project 42345.2.1, Parcel I-5110 012, I-73 from NC 68 to Greensboro Western Loop  
Guilford County**

Conveyance of an approximate 1.050-acre, landlocked residue area to the Piedmont Triad Airport Authority, the only interested adjacent owner, for the appraised value of \$10,200.00.

**(Division 10)**

**Project 8.1672602, Parcel R-2215 063Z, NC 49 (University Blvd)  
Mecklenburg County**

Conveyance of an approximate 0.300-acre residue area to Pensco Trust Company LLC Custodian FBO Carol Zachary IRA, the highest bidders after public advertisement, for the high bid amount of \$77,501.00.

**(Division 11)**

**Project 35579.2.1, Parcel R-3405 098, NC 18 from SR 1002 (Mountain View Road) to SR 1717 (Yellow Banks Road)  
Wilkes County**

Conveyance of an approximate 0.201-acre residue area to Thomas D. Livingston and Amanda L. Livingston, the highest bidders after public advertisement, for the high bid amount of \$1,500.00.

**(Division 14)**

**Project 8.1000203, Parcel 185, Intersection of Goldmine Road and Cashdon Drive  
Henderson County**

Conveyance of an approximate 0.075-acre residue area to Jacob Parris and David H. Parris, the only interested adjacent owners, for the appraised value of \$700.00.

**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 14)**

**Project 6.921002, US 64 near Intersection with US 64 Business in Hayesville  
Henderson County**

Abandonment of an approximate 0.342-acre permanent easement area to Hayesville One, LLC for no monetary consideration.

**CONVEYANCE OF SURPLUS RIGHT OF WAY**

**1 PROJECT(S)**

**\$0.00**

**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 5)**

**Project 8.T520904, Parcel 171, Intersection of US 64 and SR 1601 (Jenks Road) in Apex  
Wake County**

Grant of a revision in the existing control of access to the ExperienceOne Homes, LLC for an approximate 120 foot break along US 64 at its intersection with SR 1601 (Jenks Road) in Apex for no monetary consideration.



**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2016 - 2017**

There will be no Maintenance Allocation submitted to the Board for approval at the May 2017 Board meeting.

**NORTH CAROLINA BOARD OF TRANSPORTATION**  
**Submission of Comprehensive Transportation Plans for Mutual Adoption**  
**by the Board of Transportation**

There will be no Item T submitted to the Board for approval at the May 2017 Board meeting.



## **NORTH CAROLINA** Department of Transportation



Information on the use of minority and woman-owned businesses in NCDOT contracts.

Benny F. Sloan, EI, Acting Director – Office of Civil Rights

May 4, 2017

## Utilization Goals for Disadvantaged Minority & Woman-Owned Programs

In accordance with 49 CFR Part 26 and the Special Provisions, the North Carolina Department of Transportation (NCDOT) has established goals for participation of Disadvantaged Business Enterprises (DBE's) in United States Department of Transportation (USDOT) assisted contracts, as well as State assisted contracts.

The 2016 - 2018 Triennial Goal for DBE (federal funded) projects is 13.7%. The current goals for state funded projects are 5.7% MBE and 6.1% WBE.

## NCDOT sets \*DBE/\*MBE/\*WBE utilization goals for all construction projects. These goals are advertised with the projects.

### Centrally Managed Projects

Letting Date: April 18, 2017

PROJECT NUMBER	COUNTY	TYPE OF WORK	LOW BIDDER	ADVERTISED GOALS SET			PARTICIPATION SUBMITTED		
				DBE %	MB %	WB %	DBE %	MB %	WB %
46483.3.1, 46484.3.1 B-5938, B-5939 C203925	CARTERET	BRIDGE REHABILITATION	FREYSSINET, INC.			1.0			1.05
42342.3.1 B-5166 C203902	GRANVILLE	GRADING, DRAINAGE, PAVING AND STRUCTURE	FSC II DBA FRED SMITH COMPANY <b>*BANKED FUNDS USED TO MEET WB GOAL</b>		2.0	3.0		2.36	2.31
50092.3.1 HSIP-0074(156) W-5520 C203788	UNION	GRADING, DRAINAGE, PAVING, SIGNALS AND RETAINING WALL	SEALAND CONTRACTORS CORP	10.0			10.00		
2017CPT.12.18.1023 1, ETC. C204008	CLEVELAND	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	ASPHALT PAVING OF SHELBY, INC.		3.0	4.0		3.00	4.00
34522.3.5 STP-0016(52) R-3100A, R-3100B C203800	CATAWBA	WIDENING, GRADING, DRAINAGE, PAVING AND CULVERTS	BLYTHE DEVELOPMENT CO.	9.0			9.82		
41153.3.1 IMF-085-1(113)17 I-5000 C203846	GASTON	GRADING, DRAINAGE, PAVING, LIGHTING, SIGNALS AND CULVERTS	TRIANGLE GRADING & PAVING, INC.	9.0			9.14		
39079.3.4 STP-1302(069) U-4715B C203953	BUNCOMBE	ITS	BROOKS, BERRY, HAYNIE & ASSOCIATES, INC.	1.0			1.35		

# Utilization Goals Update

## Federal Contract Awards

Oct 2016 let through Apr 2017 let

Federal Fiscal Year 2016/2017

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
						MB		WB	
						\$	%	\$	%
Monthly	77,913,450.61	6,238,455.55	8.0	6,665,449.30	8.6	1,692,481.40	2.2	4,972,967.90	6.4
FY to Date	375,680,003.90	29,996,539.79	8.0	30,818,399.50	8.2	6,765,190.40	1.8	24,053,209.10	6.4

## State Contract Awards

Jul 2016 let through Apr 2017 let

State Fiscal Year 2016/2017

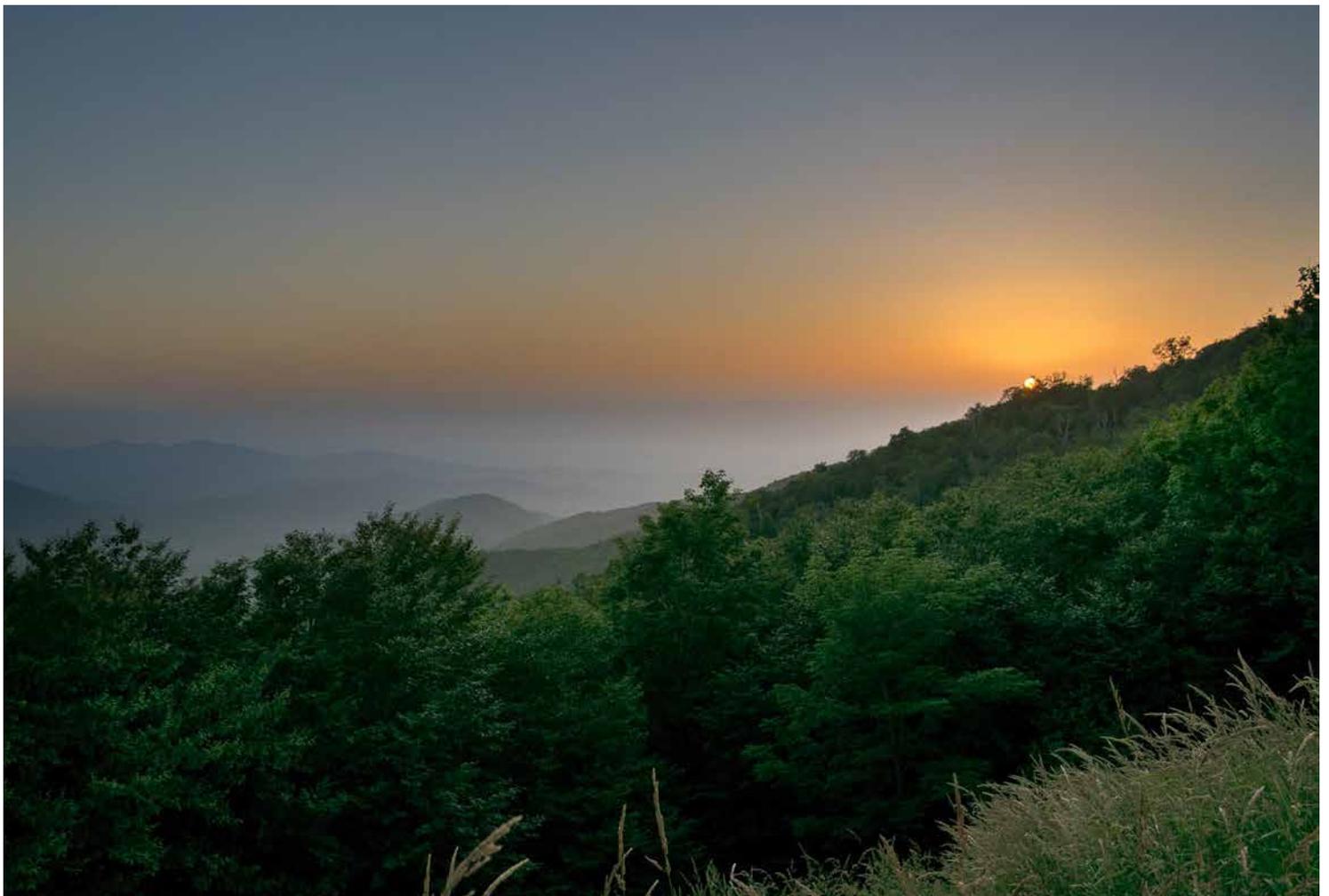
	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
		\$	%	\$	%	\$	%	\$	%
		Monthly	22,388,232.70	203,805.58	0.9	207,380.00	0.9	427,687.91	1.9
FY to Date	372,643,806.93	8,612,151.43	2.3	7,694,479.60	2.1	13,126,462.91	3.5	16,625,357.50	4.5

Letting Date(s): April 18, 06, 2017  
 Award Date: May 04, 2017  
 Award Subject to BOT's Approval

# North Carolina Scenic Byway Program

## 2016 Annual Report

Roadside Environmental Unit



*North Carolina's Scenic Byways highlight those unusual, exceptional, or unique characteristics that make North Carolina a wonderful place to live and visit. On these less traveled routes you can discover the heart and soul of the Tar Heel State, meet its people, and discover its scenic treasures.*





## North Carolina Scenic Byways

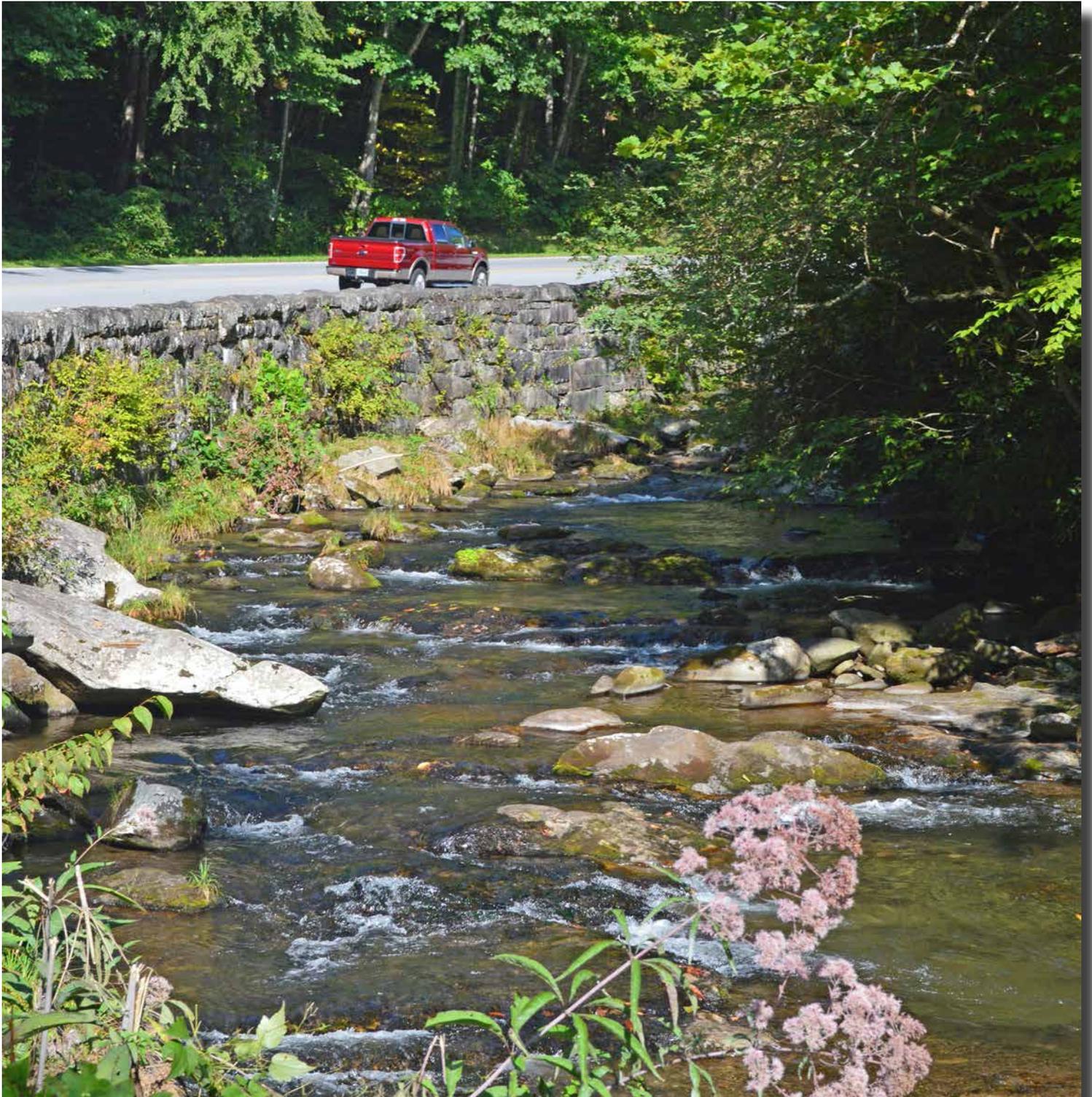
“Our goal is to identify and highlight scenic roads with unusual, exceptional, or unique qualities for public viewing and enjoyment.”

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# North Carolina Scenic Byway Program Overview





**P**urpose - North Carolina Scenic Byways give visitors and residents a chance to experience a bit of North Carolina's history, geography and culture while raising awareness for the protection and preservation of these treasures. These byways are intended as an option to the faster-paced traffic and commercial areas found along our major highways and interstates. Following the byways, you will see some of the most breathtaking scenery from the Blue Ridge Mountains to fertile plains to the crystal blue coastline.

**P**ast to present - The North Carolina Scenic Byway Program was officially launched in March of 1990 when 31 byways were designated by the Board of Transportation. In July of 1993, legislation was enacted to define the program and assign management of the program to the Department of Transportation. In 1994 the program's policies and administrative codes were established.

### **O**bjectives

- Provide the opportunity for identification and designation of qualifying routes
- Mark the byways with Scenic Byway Logo signs
- Provide informative and educational materials clearly defining the byway routes and their significant features (guide book, brochures, web page, etc.)
- Promote the program to provide economic benefits to communities along the byways

**I**nventory - There are currently 60 designated North Carolina Scenic Byways totaling almost 2300 miles. Three of those are designated as National Scenic Byways; Cherohala Skyway, Forest Heritage Scenic Byway and the Outer Banks Scenic Byway. There is also one All American Road in North Carolina, the highest national designation possible, The Blue Ridge Parkway.



*Highlighted Byway*

## Historic Flat Rock Scenic Byway

Henderson County

Length: 9 miles

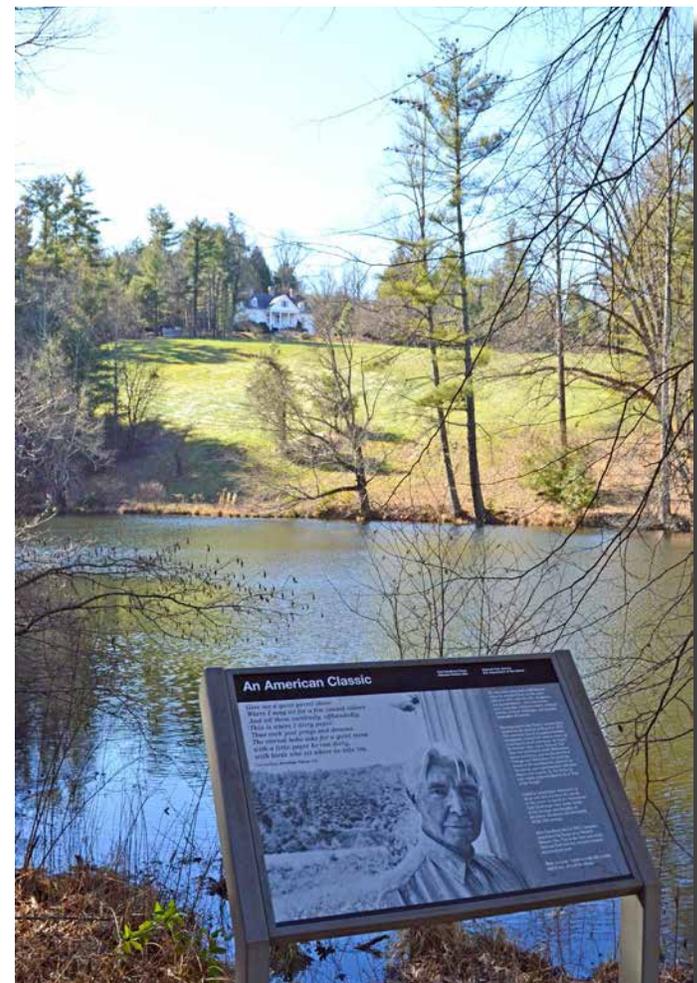
The Flat Rock community is named for the large expanse of granite once used as a meeting and ceremony site by the Cherokee. Evidence of the exposed granite may be seen at a local landmark, Flat Rock Playhouse, located at the corner of US 225, Greenville Road and SR 1123, Little River Road. In 1961 the General Assembly designated it the 'State Theater of North Carolina'. Once known for its summer series, it now operates nine months of the year providing a broad genre of entertainment and education in the performing arts for all ages.

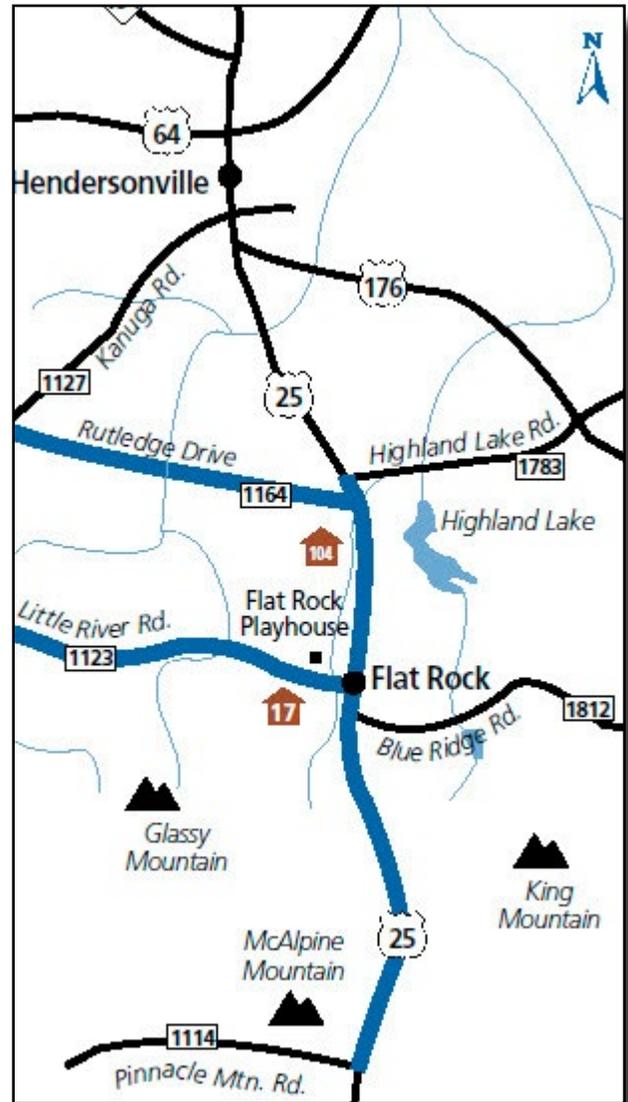
Also on Little River Road is 'Connemara', the Carl Sandburg National Memorial Site, once the home of the renowned author built in 1839.

Other historic locations to look for along Greenville Road are St. John in the Wilderness gothic revival church with a beautiful terraced 'churchyard' surrounding the building built in 1836, and the Woodfield Inn built as the Farmer Hotel in 1852.

Although views to the Glassy and McAlpin mountains may be seen from the byway, it is really about the many beautiful and historic homes and the village of Flat Rock.

The byway is located in the mountain region just south of Hendersonville .







*Highlighted Byway*

## Mill Bridge Scenic Byway

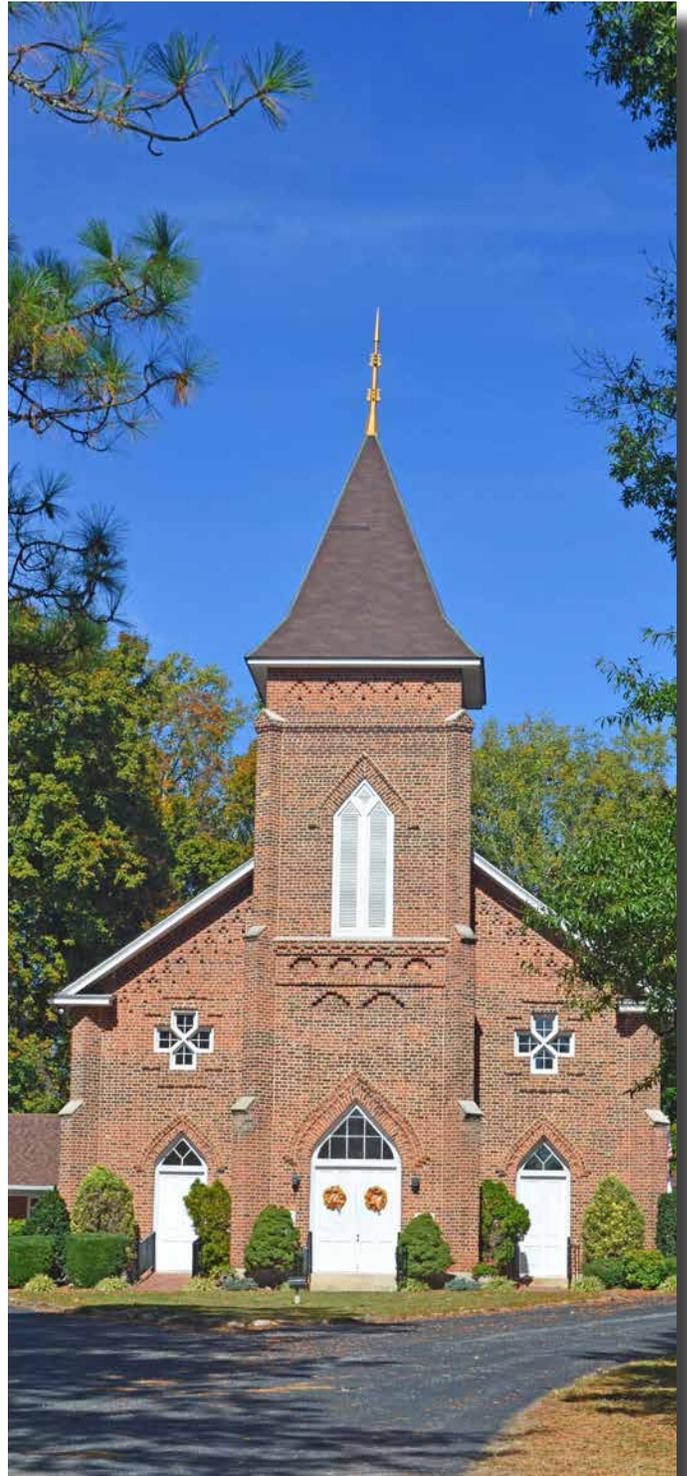
Rowan County

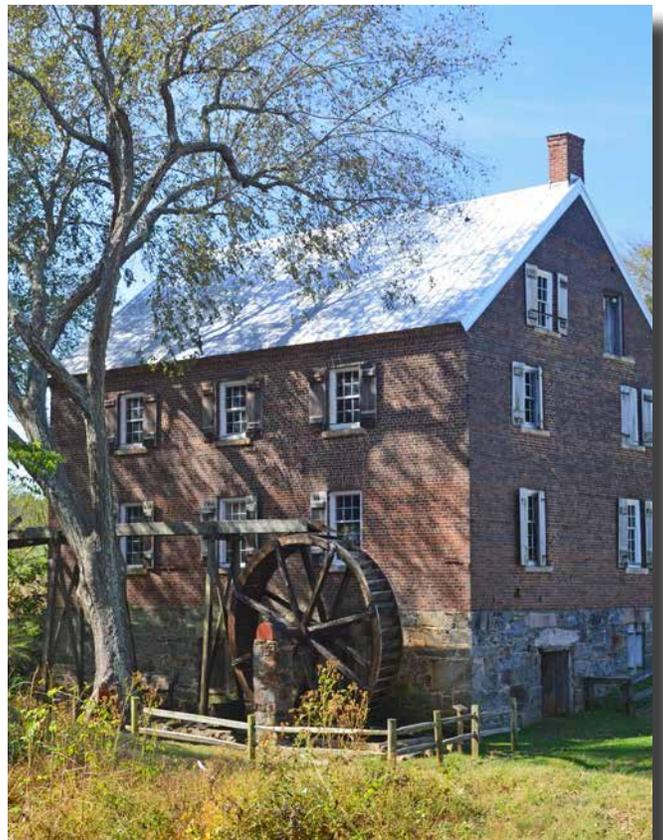
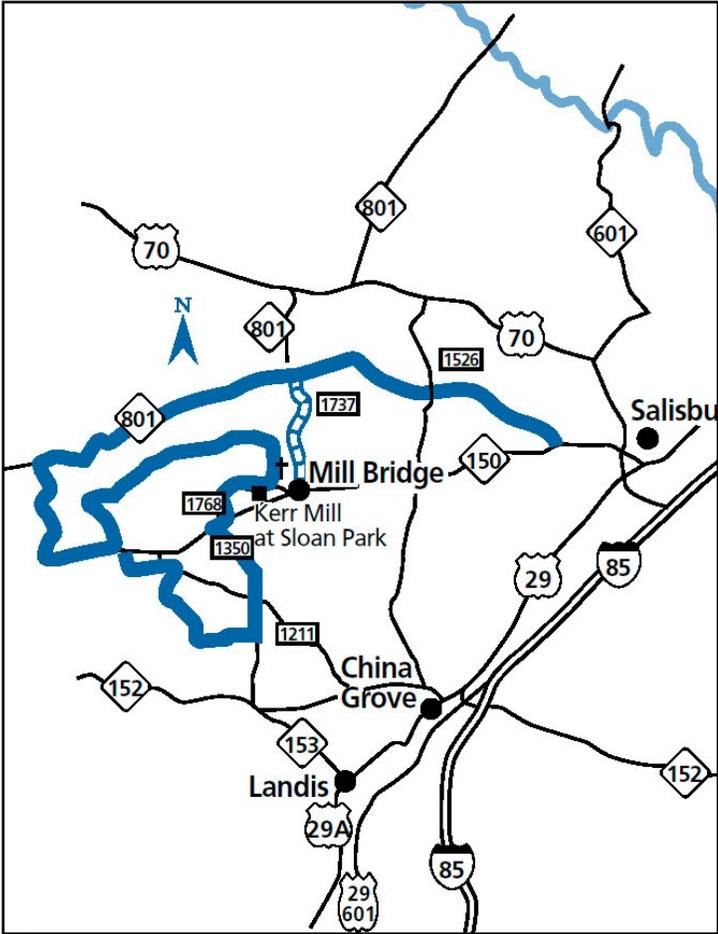
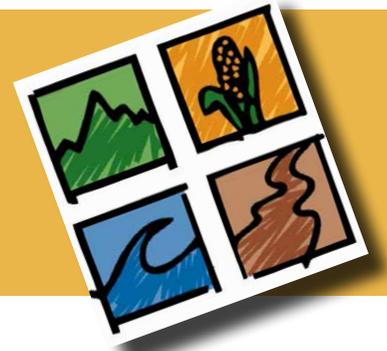
Length: 40 miles

This byway which makes a large loop with many turns, is located in the Piedmont just southwest of historic Salisbury. Mill Bridge Scenic Byway passes through land that has a long tradition of farming and cultural history. It is marked by open spaces, fields, streams and working farms dotted with well-preserved historic homes, out buildings and barns.

Some of the highlights of this byway tour include the historic Thyatira Church, one of North Carolina's oldest Presbyterian churches, and Back Creek Presbyterian Church established in 1805. Rowan County's Sloan Park is where you will find Kerr Mill, one of the local landmarks. It is a grist mill built in 1823 that was renovated in the 1970's and now serves as a museum featuring early Americana. And do not miss the Lazy 5 Ranch, a privately owned animal park featuring 750 animals from six different continents.

A real treat for the entire family is Patterson Farm which cultivates hundreds of acres in the area. But the fun starts at their entertaining and successful agro-tourism business, Patterson Farm Market located along Caldwell Road.





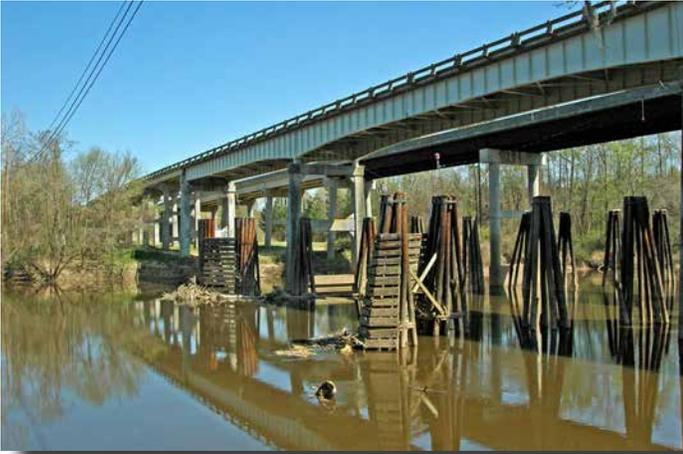


## Highlighted Byway

# Meteor Lakes Byway

Bladen, Cumberland and Sampson Counties

Length: 39 miles

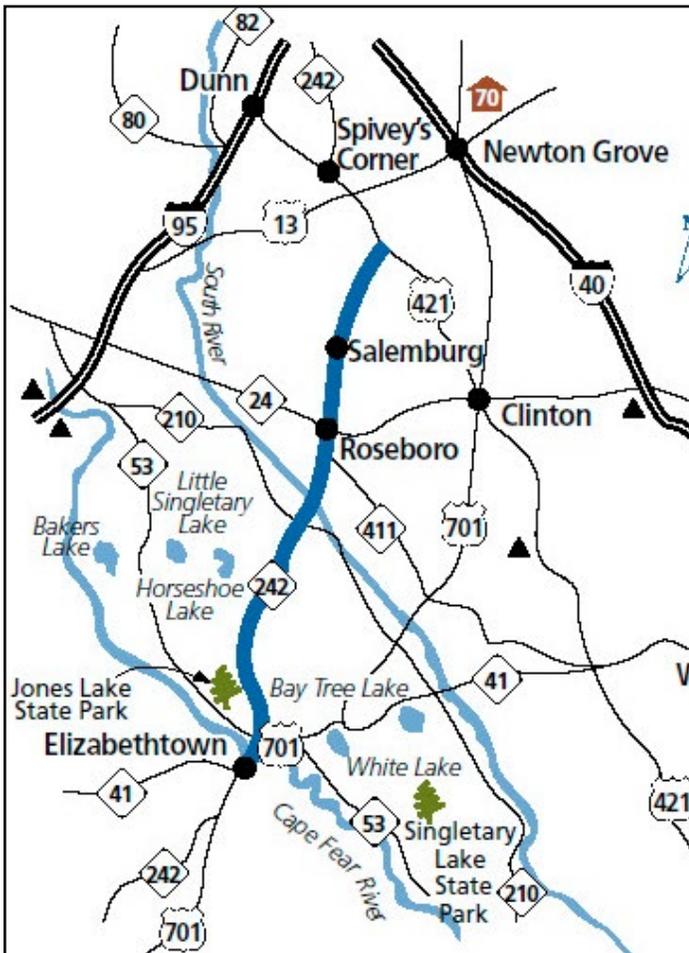


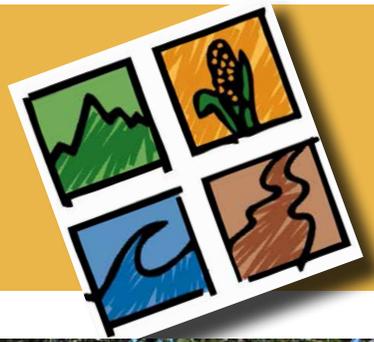
This coastal byway showcases a Carolina mystery. About four miles north of the Cape Fear River near Elizabethtown, is located Bladen Lakes State Forest where you will also find Jones Lake State Park. The park's educational displays in the visitor center will unveil the mystery of the oval farmations called Carolina Bays which occur up and down the east coast from New Jersey to Florida.

The mystery is how they were formed. Whether you believe the 'Meteor Theory', the 'Artesian Spring Theory', the 'Sinkhole Theory' or the 'Spawning Fish Theory', the fact is the lakes are disappearing. Vegetation encroachment has slowly filled in all but nine of the bay lakes.

Jones Lake State Park also has a cultural history that is presented at the visitor center. It was the first state park for 'African Americans' opening in 1939 and it remained segregated until the 1960's.

The byway passes through Elizabethtown, Roseboro and Salemburg; small coastal plain towns rich in history and friendly locals.





# North Carolina Scenic Byway Program

## Program Responsibilities

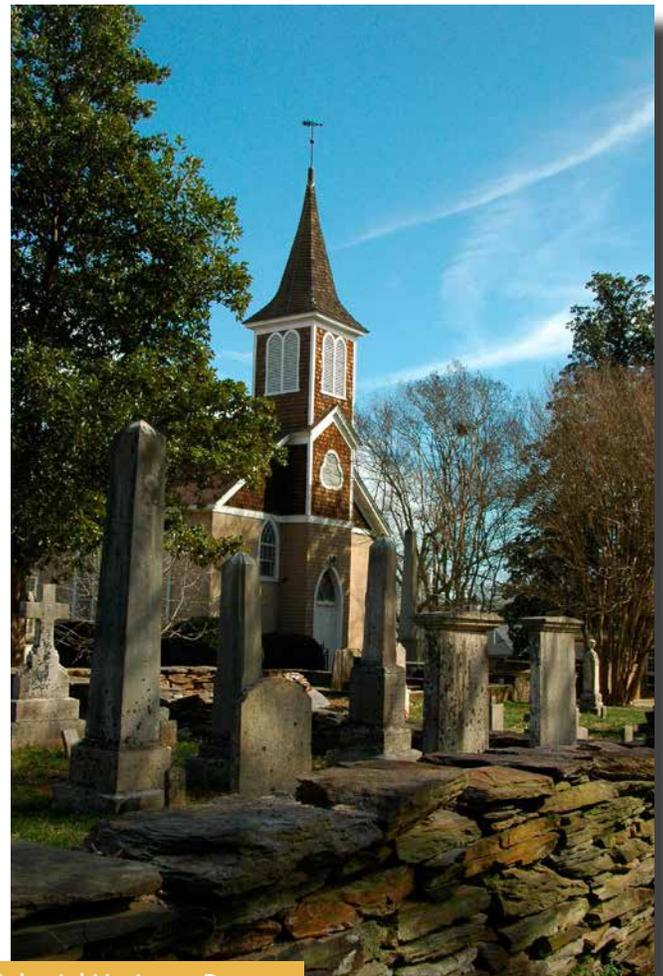
The North Carolina Scenic Byway Program operates at a variety of capacities to advocate and manage the “Roads Less Traveled”. During 2015 some of these responsibilities included the following:

### Management Duties

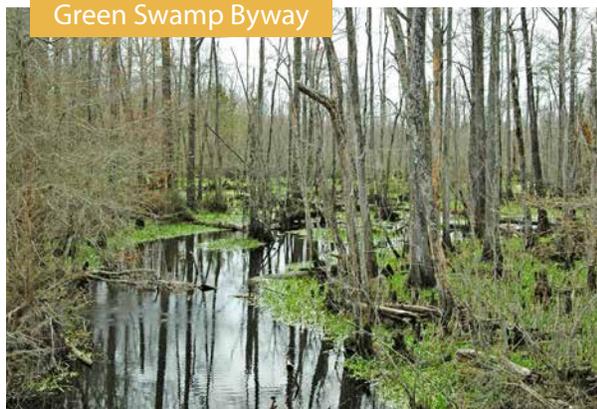
- 1) Scenic Byway Proposals – Process, review and assist with designation applications and byway revisions
- 2) Project Planning – Consult and monitor STIP projects to ensure context sensitive solutions for projects impacting scenic byways
- 3) Management of Program Materials - Survey, update, inventory and distribute byway informational materials
- 4) Promotion of Program - Representation and promotion of the Scenic Byway Program at various meetings and conferences - Marketing of the program through multiple platforms
- 5) Grant Oversight - Work with FHWA to administer grants: consists of contract management to achieve project objectives, and management and coordination of invoicing, project task and federal policy(s) with different byway grant recipients (See Grant Summary)
- 6) Public - Private Partnership - Work with regional tourism groups and County Visitor Bureaus to promote tourism within byway communities (No current projects)



Flint Hill Ramble



Colonial Heritage Byway



Green Swamp Byway

# Grant Summary - Federal Scenic Byway Grants

In years past, the Federal Highway Administration offered an opportunity to apply for monies to improve, enhance or promote our state scenic byway program. Many government and non-profit organizations along various byways took advantage of these opportunities.



## Currently active grants:

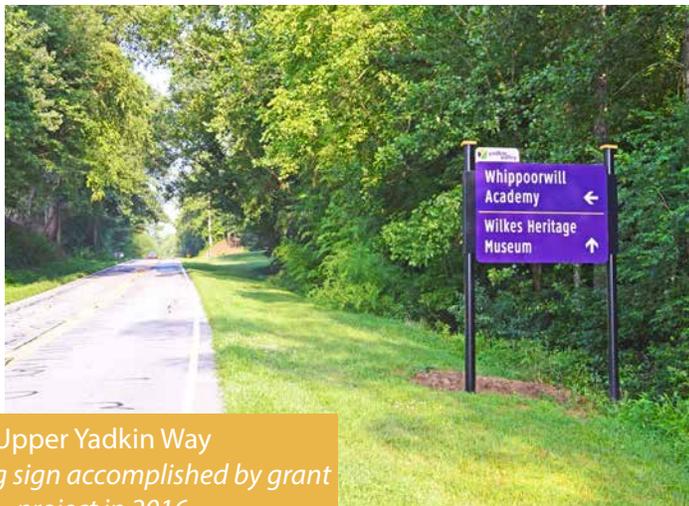
1) Outer Banks Scenic Byway - Waysides and Interpretive Signs (\$212,000) - This project consists of planning, designing, and installing 6 gateways and 21 waysides with accompanying signs along the Outer Banks Scenic Byway to significantly improve the byway traveler's understanding of the unique cultural heritage of the communities along the corridor. This project is in the final stages of sign content development and the signs should be fabricated and installed in 2017.

2) Outer Banks National Scenic Byway - Wayshowing and Visitor Orientation Signs (\$201,120) - This project significantly improves the byway traveler's experience through the development of a coordinated and comprehensive wayshowing system. The byway route guide signs and signs to byway attractions provides clarity and visually showcases the byway. This project provides consistent graphic identity linking the elements and capturing the unique sense of place in a unified manner offering a safe, educational and enjoyable experience for byway travelers. This project is in the final stages of office management tasks and should close out in early 2017.



Outer Banks Scenic Byway  
Wayfinding signs

## Recently completed grant:



Upper Yadkin Way  
Wayfinding sign accomplished by grant  
project in 2016



# North Carolina Scenic Byway Program

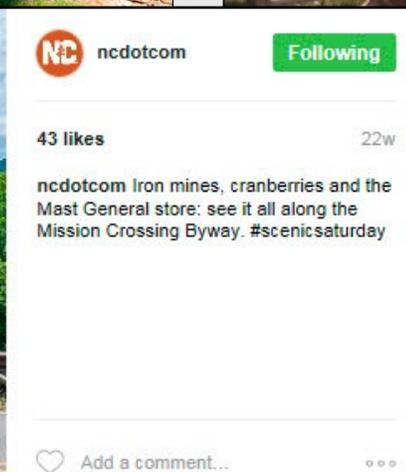
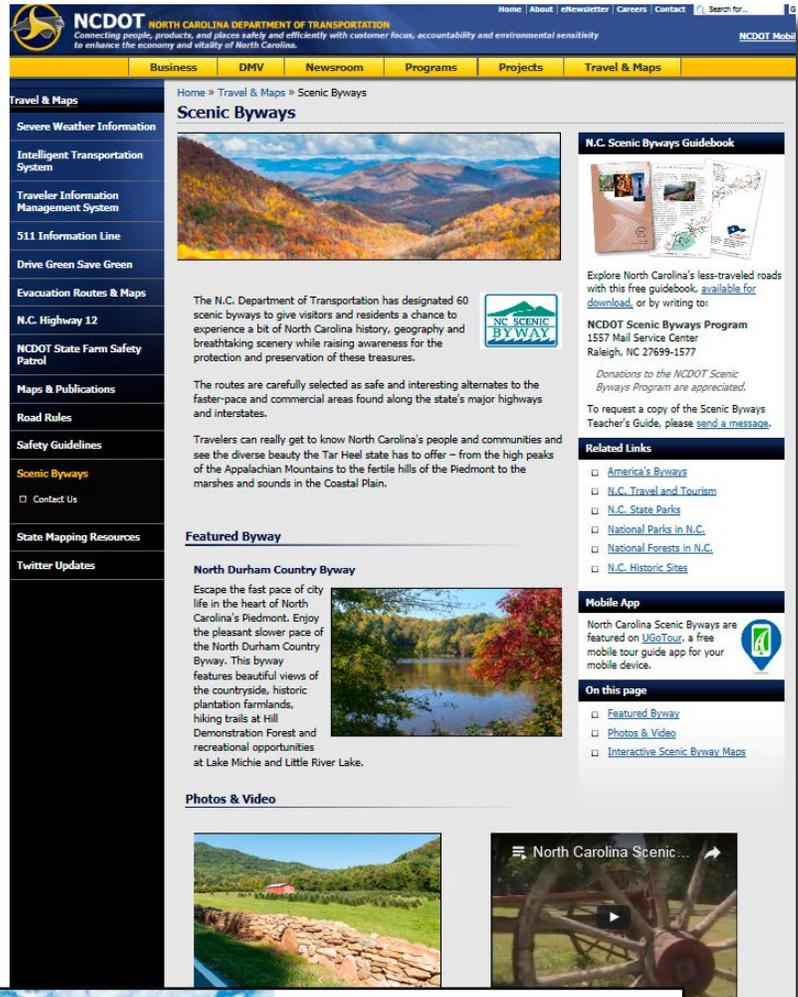
## 2016 Marketing Efforts

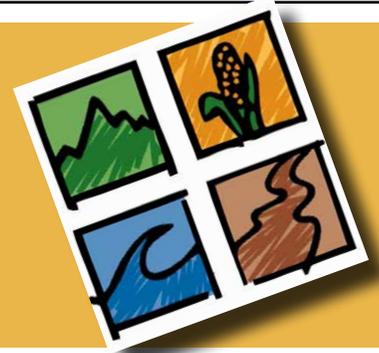
### Web Page Revisions

- Updated main picture and byway general information
- Created a 'Featured Byway' Section that changes every eight to twelve weeks
- Added our Mobile App Provider, UGoTour, as a Link
- Added photos and redirected users to Scenic Byway photos specifically

### Social Media

Social Media Coordinator launched 'Scenic Saturday' featuring a different byway photo and comment on Instagram and Facebook most Saturdays





**Print Ads**



Great Smoky Mountain Travel Guide

Our State Magazine



**Tourism Promotion Events**



Tourism Day at North Carolina Welcome Center on I-26 in Madison County



## Book Sales and Distribution

**From:** [Santiago, Miguel](#)  
**To:** [Morgan, Connie S](#)  
**Subject:** Fwd: Scenic Byways  
**Date:** Tuesday, July 12, 2016 11:02:58 AM

FYI

Begin forwarded message:

**From:** lenoircountytourism <[lenoircountytourism@suddenlinkmail.com](mailto:lenoircountytourism@suddenlinkmail.com)>  
**Subject:** Scenic Byways  
**Date:** July 12, 2016 at 11:01:14 AM EDT  
**To:** <[MSANTIAGO@NCDOT.GOV](mailto:MSANTIAGO@NCDOT.GOV)>

Hi Miguel  
 My name is Foye Hill.  
 I work at the Visitors center in Kinston NC  
 Thank you for the quick response on getting us the scenic byway books. There has been great response from travelers as far away as Utah and California. They stop in here for local information and are greatly surprised when they find this type of information that the State has to offer.  
 I know one lady from California is sending you a \$20 donation in one of the envelopes you enclosed with the books.  
 We can use another case or two if you can.  
 Again thanks for your help.

Kinston-Lenoir County Visitors and Information Center  
 101 East New Bern Road  
 Kinston, NC 28504  
 252-522-0004

Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed.

### Original Requestor Information

**Name:** Dale Whitney  
**Phone:** (864)836-8690  
**Email:** [65veloce@bellsouth.net](mailto:65veloce@bellsouth.net)

### Comment History

**Tracking Number:** T7XRFK06V6

**Unit Name:** ScenicByws

**Sent By:** Contact Us Administrator

**Date/Time:** 6/30/2016 10:02:49 PM

**Comment:**

Will do, thank you for your interest in our program. Enjoy the ride!

**Sent By:** Dale Whitney

**Date/Time:** 6/30/2016 10:02:49 PM

**Comment:**

Please send me a copy of the North Carolina Scenic Byways Guidebook. My address is 1309 Mountain Summit Rd. Travelers Rest, SC 29690 Thank you.



Distributuion occurs through Visitor and Welcome Centers both locally and statewide, 'Contact Us' and at events such as 'Tourism Day' and the 'State Fair'.

We are currently distributing the 4th Edition.

## Action Items

No action items are proposed at this time



### Action item brought before the BOT in 2016:



Name Change of the Smoky Mountain Scenic Byway to Newfound Gap Road Scenic Byway was presented to the Board of Transportation on November 30, 2016. The vote approving the action item occurred January 5, 2017.





## Action Item

### *Name Change*

### Smoky Mountain Scenic Byway to Newfound Gap Road Scenic Byway

Located entirely within the Great Smoky Mountains National Park is the Smoky Mountain Scenic Byway. It follows Newfound Gap Road, which is US 441, from the intersection at the Blue Ridge Parkway in Cherokee to the North Carolina/Tennessee state line at Newfound Gap. This byway was designated in April of 2009 before the National Park Service's 75th celebration. In 2009 Tennessee also designated Newfound Gap Road from the Tennessee side of Newfound Gap west to Gatlinburg as Newfound Gap Road Scenic Byway. Both these designations were at the request of the National Park Service and supported by the local gateway communities.



In hopes of getting the entire route from Cherokee to Gatlinburg designated as a National Scenic Byway, the National Park Service requested and received a grant from the National Scenic Byway Program to produce a Corridor Management Plan which is a requirement for national designation. This plan is scheduled to be completed in March of 2017.

The Smoky Mountain National Park is the most visited national park in the country. It is estimated that there were over 6.5 million visitors that traveled on Newfound Gap Road in 2015. Newfound Gap Road is entirely under the park's jurisdiction and maintenance and yet is also a designated US route.

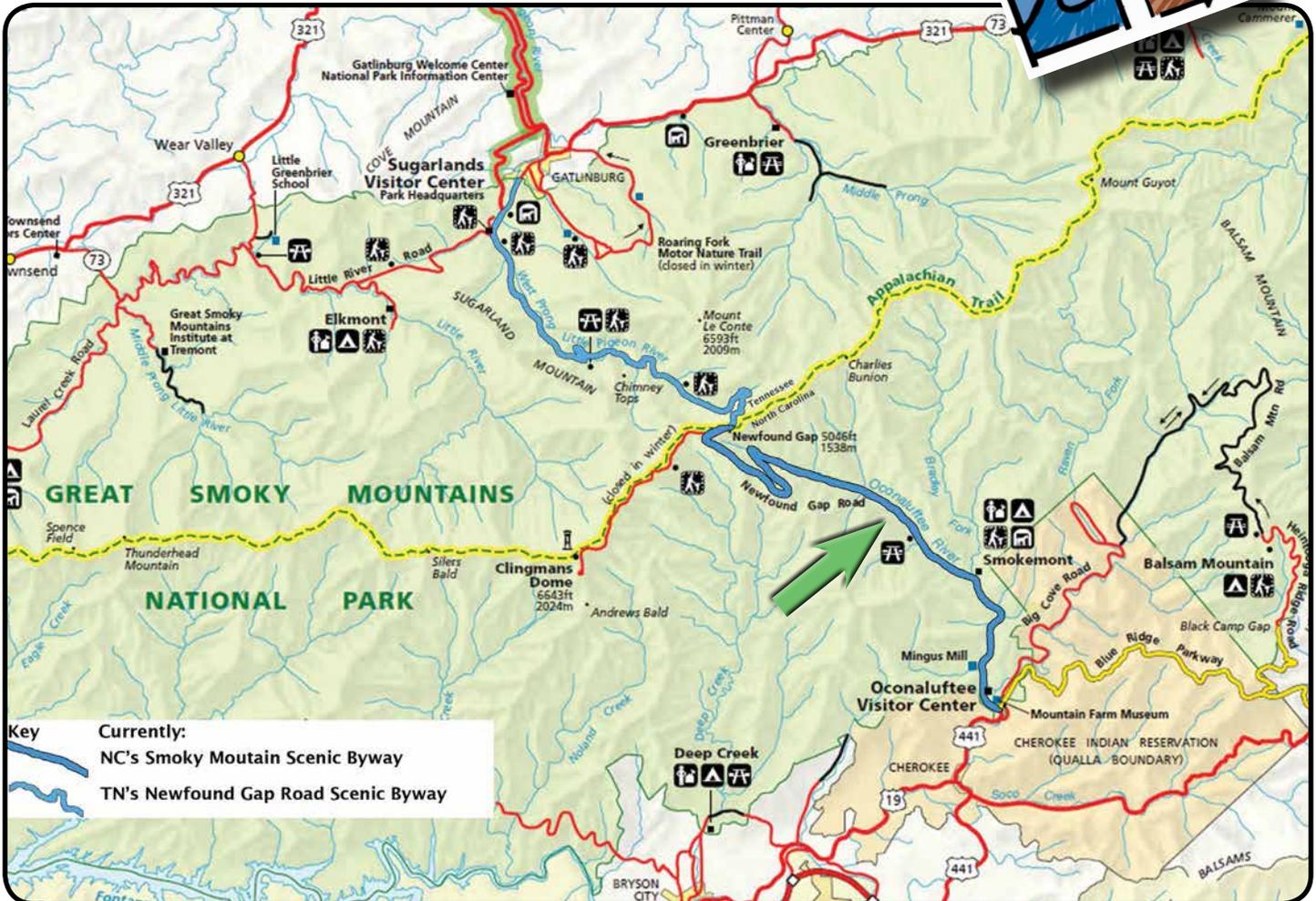


#### CORRIDOR STATISTICS

Length: 16.5 Miles in North Carolina

County: Swain

Total Corridor: Cherokee to Gatlinburg: 31 miles



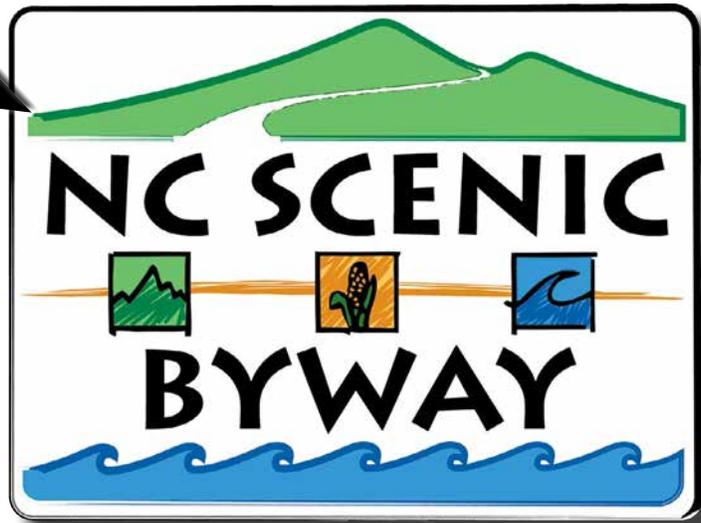
The National Park Service formally requested that the Smoky Mountain Scenic Byway be renamed to Newfound Gap Road Scenic Byway because they believe that Newfound Gap Road is significant in light of the location of Newfound Gap at the North Carolina and Tennessee state line, and the official dedication of the Smoky Mountain National Park by President Franklin D. Roosevelt occurred at this location in September of 1940. This name change provides consistency to byway travelers and park visitors, reduces confusion with other scenic drives in the Smoky Mountains, and aligns the two byways for an easy transition into a National Scenic Byway. It also allows for joint marketing between the National Park Service, North Carolina and Tennessee.



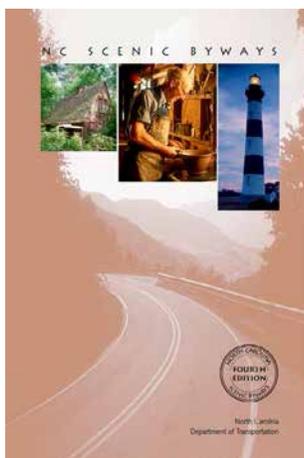
# North Carolina Scenic Byway Program

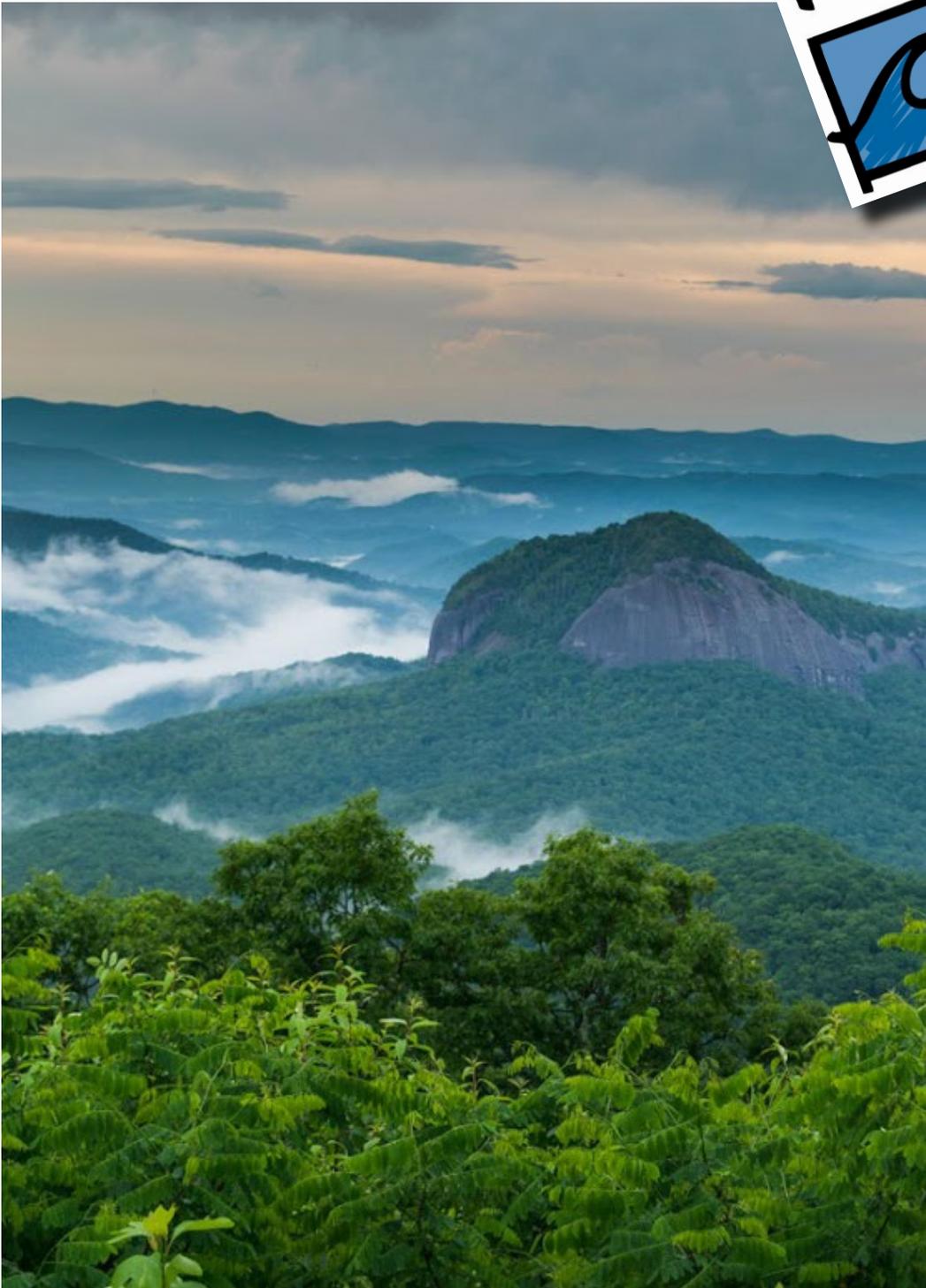
## Coming Soon

### New Scenic Byway Logo and Signs

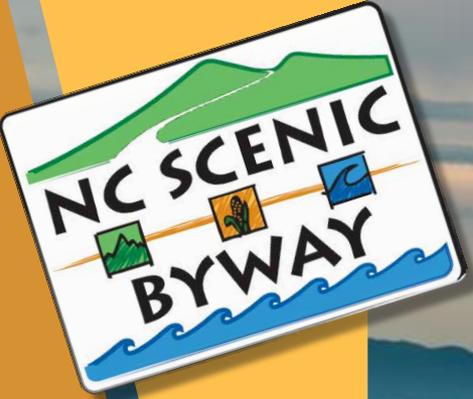


### Book Revision and Update - New 5th Edition





*“Our goal is to identify and highlight scenic roads with unusual, exceptional, or unique qualities for public viewing and enjoyment.”*



# North Carolina Scenic Byways

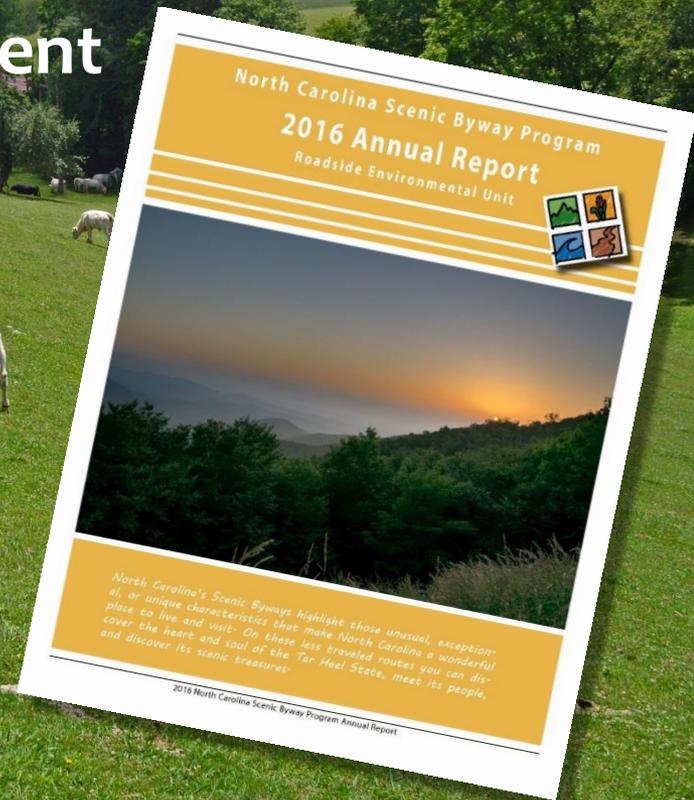
## 2016 Annual Report

Board of Transportation Meeting  
May 4, 2017

Connie Morgan – Scenic Byway Coordinator

*View from Blue Ridge Parkway*

- Program Overview
- Byway Tour
- Program Management
- 2016 Action Item
- Program Goals



View from Mission Crossing

**Purpose** – Scenic byways provide visitors and residents the opportunity to take the road less traveled and experience North Carolina’s history, geography, culture and scenic landscape.



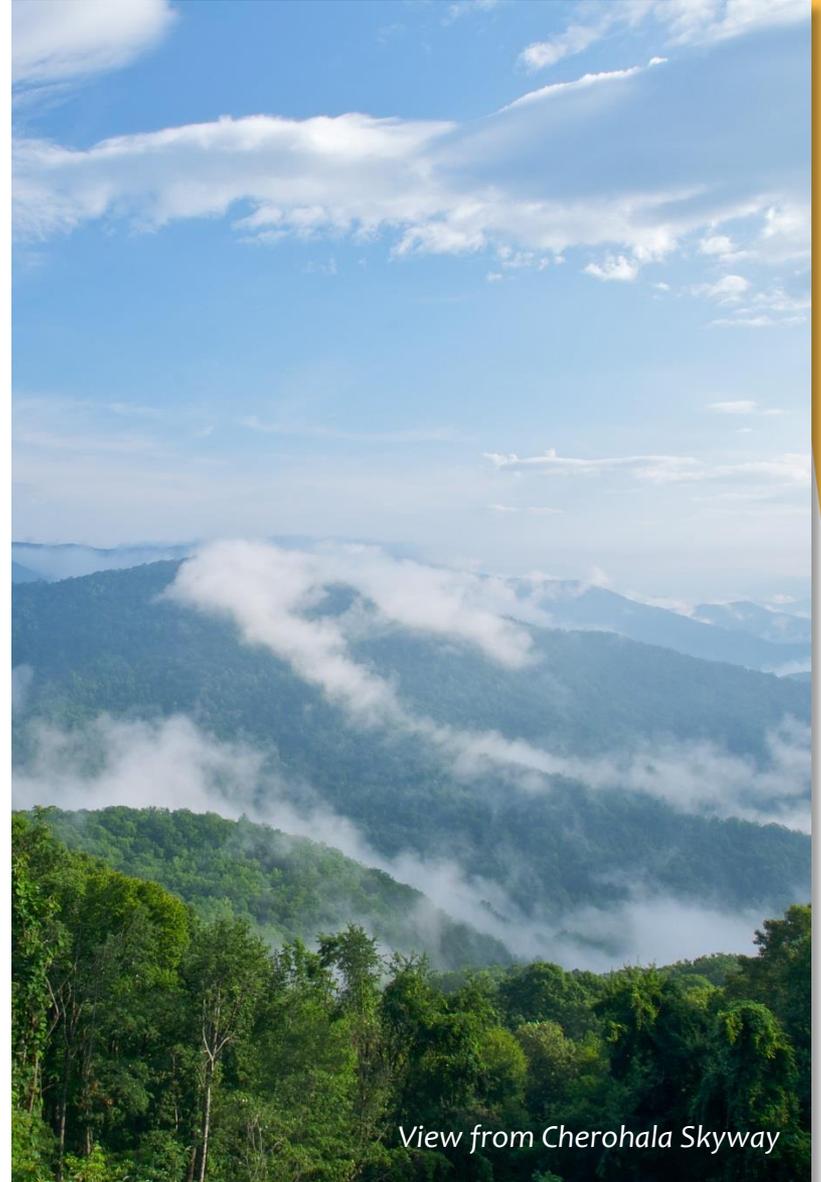
*Pisgah Covered Bridge near Birkhead Wilderness Route*

Preservation and conservation of our state’s treasures.



## Objectives

- provide the opportunity to identify and designate qualifying routes
- identify routes with Scenic Byway Logo signs
- provide informative program materials to the public, local government and communities
- promote the program to provide economic benefits to byway communities



*View from Cherohala Skyway*

## Past

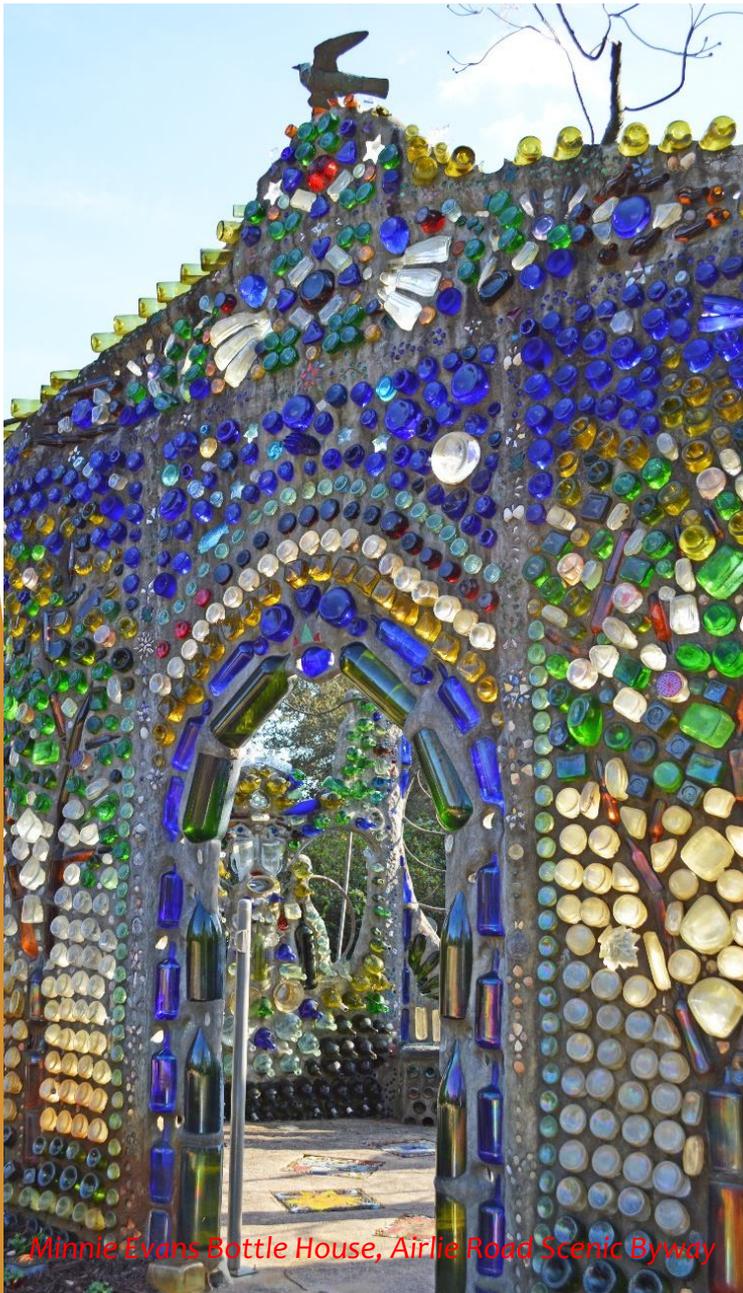
- launched in March of 1990
- legislation enacted in July of 1993
- administrative codes and policies established in 1994



## NC Scenic Byways

### Present

- 60 designated North Carolina Scenic Byways
- 2300 miles
- 3 National Scenic Byways – Cherohala Skyway, Forest Heritage and Outer Banks
- 1 All American Road – The Blue Ridge Parkway – National Park Service Byway



Minnie Evans Bottle House, Airlie Road Scenic Byway



Let's take a scenic byway tour across North Carolina...





# Waterfall Byway





# South Mountain Scenery





# Indian heritage trail





# North durham Country byway





# Blue - Gray scenic byway





# Cape Fear Historic byway



## Program Responsibilities

- Management of program materials: inventory – signage – web page - guidebook
- Promotion and marketing of the program for economic benefit to the byway communities
- Provide assistance, processing and review of proposed byway applications and de-designation applications
- Monitor and consult on STIP projects along byways to ensure sensitivity to the byway route's integrity
- Grant oversight



Tar Heel Trace



## Grants - Active

- Outer Banks National Scenic Byway Development and installation of waysides and interpretive signs -
- Outer Banks National Scenic Byway Development and installation of wayshowing and visitor orientation signs



## Grants – Recently Completed

- Upper Yadkin Way Development and installation of wayfinding signs





## One Action Item in 2016

### Name change of the Smoky Mountain Scenic Byway to Newfound Gap Road Scenic Byway

- Presented to BOT November 30, 2016
- BOT voted to approve on January 5, 2017



*Clingmans Dome, Newfound Gap Road Scenic Byway*



**Program Goals:**  
Update Signing



Current



New



Sans Souci Cable Ferry, Edenton - Windsor Loop

## Program Goals:

Update and Publish 5<sup>th</sup> Edition of Guidebook



Bethal Farm, Forest Heritage Scenic Byway





# North Carolina Scenic Byways

## 2016 Annual Report

**“Our goal is to identify and highlight scenic routes with exceptional qualities for public enjoyment and community benefit.”**

Cash Flow Projection

**DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19**

**Summary**

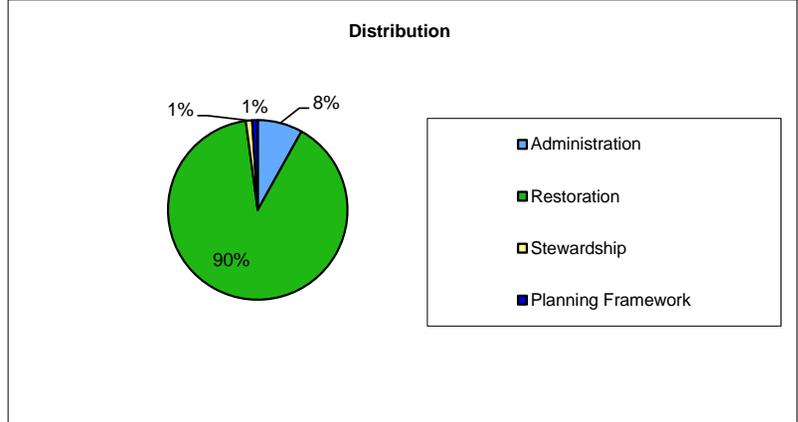
Line Item*	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	07/17 - 09/17	10/17 - 12/17	01/18 - 03/18	04/18 - 06/18	07/18 - 09/18	10/18 - 12/18	01/19 - 03/19	04/19 - 06/19	
Administration									
Salaries	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 642,954	\$ 642,954	\$ 642,954	\$ 642,954	\$ 5,068,724
Operating	\$ 86,905	\$ 86,905	\$ 86,905	\$ 86,905	\$ 88,131	\$ 88,131	\$ 88,131	\$ 88,131	\$ 700,144
Dynamics CRM Database	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 340,000
SPO and legal	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,740	\$ 37,740	\$ 37,740	\$ 37,740	\$ 298,960
Restoration	\$ 7,659,749	\$ 7,757,372	\$ 13,519,696	\$ 6,177,566	\$ 8,065,205	\$ 13,046,868	\$ 8,539,477	\$ 6,177,539	\$ 70,943,473
Stewardship	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 900,000
Planning Framework	\$ 63,750	\$ 63,750	\$ 127,500	\$ 127,500	\$ 148,750	\$ 124,535	\$ 68,000	\$ 63,750	\$ 787,535
<b>Total (by Quarter)</b>	<b>\$ 8,656,631</b>	<b>\$ 8,754,254</b>	<b>\$ 14,580,328</b>	<b>\$ 7,238,198</b>	<b>\$ 9,107,780</b>	<b>\$ 14,065,228</b>	<b>\$ 9,501,302</b>	<b>\$ 7,135,114</b>	<b>\$ 79,038,836</b>

**Total (Annual)** **\$ 39,229,412** **\$ 39,809,424** **\$ 79,038,836**

\* See individual linetabs for details

**Summary**

Administration	\$ 6,407,828
Restoration	\$ 70,943,473
Stewardship	\$ 900,000
Planning Framework	\$ 787,535
<b>Biennial Total</b>	<b>\$ 79,038,836</b>



Note: Biennial budget reflects operating requirements of Code of Federal Regulations as agreed with the USACE, Wilmington District

# Salary and Operating Expenses

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

Salary & Operations	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Salaries	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 642,954	\$ 642,954	\$ 642,954	\$ 642,954	\$ 5,068,724
Operations	\$ 86,905	\$ 86,905	\$ 86,905	\$ 86,905	\$ 88,131	\$ 88,131	\$ 88,131	\$ 88,131	\$ 700,144
Dynamics CRM Database (85%)	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 340,000
<b>Salary &amp; Operations Total</b>	<b>\$ 796,132</b>	<b>\$ 796,132</b>	<b>\$ 796,132</b>	<b>\$ 796,132</b>	<b>\$ 731,085</b>	<b>\$ 731,085</b>	<b>\$ 731,085</b>	<b>\$ 731,085</b>	<b>\$ 6,108,868</b>

Supporting Positions	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
State Property Office*	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,440	\$ 22,440	\$ 22,440	\$ 22,440	\$ 177,760
Legal**	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,300	\$ 15,300	\$ 15,300	\$ 15,300	\$ 121,200
<b>Supporting Positions Total</b>	<b>\$ 37,000</b>	<b>\$ 37,000</b>	<b>\$ 37,000</b>	<b>\$ 37,000</b>	<b>\$ 37,740</b>	<b>\$ 37,740</b>	<b>\$ 37,740</b>	<b>\$ 37,740</b>	<b>\$ 298,960</b>

\*SPO funding for 85% of one position.

\*\*85% of DMS's share (1/2) for DEQ legal position

Salary and Operating Expenses - Total	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 833,132	\$ 833,132	\$ 833,132	\$ 833,132	\$ 768,825	\$ 768,825	\$ 768,825	\$ 768,825	

# Restoration Summary

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design-Bid-Build	\$ 76,675	\$ 108,268	\$ 232,366	\$ 833,890	\$ 356,510	\$ 370,281	\$ 188,136	\$ -	\$ 2,166,126
Design-Build	\$ -	\$ 622,165	\$ 1,866,494	\$ 311,082	\$ -	\$ -	\$ 124,433	\$ -	\$ 2,924,174
Full Delivery	\$ 5,767,597	\$ 5,151,226	\$ 11,338,220	\$ 4,926,513	\$ 7,607,395	\$ 11,459,217	\$ 8,170,351	\$ 5,095,360	\$ 59,515,880
Monitoring/Maintenance	\$ 115,477	\$ 225,713	\$ 82,616	\$ 106,081	\$ 55,800	\$ 312,370	\$ 56,557	\$ 82,179	\$ 1,036,793
Actual cost adjustment for in-lieu payments <sup>1</sup>	\$ 1,700,000	\$ 1,650,000	\$ -	\$ -	\$ 45,500	\$ 905,000	\$ -	\$ 1,000,000	\$ 5,300,500
<b>Restoration Summary Total</b>	<b>\$ 7,659,749</b>	<b>\$ 7,757,372</b>	<b>\$ 13,519,696</b>	<b>\$ 6,177,566</b>	<b>\$ 8,065,205</b>	<b>\$ 13,046,868</b>	<b>\$ 8,539,477</b>	<b>\$ 6,177,539</b>	<b>\$ 70,943,473</b>

Note: Currently, there are 23 active design-bid-build contracts, 1 active Design-Build contracts and 55 active full delivery contracts.

<sup>1</sup> These numbers are placeholder estimates to be approved on an individual project basis with the DOT Inspector General's Office. Such costs are associated with NCDOT payments into the Wetlands Restoration Program (WRP) for mitigation associated with multiple TIPs that were constructed between 1999 and 2008. Significant mitigation amounts were accepted by the WRP and paid by the NCDOT before sufficient data was available related to the actual cost of mitigation and agreements were put in place for cost recovery that would not exceed the actual cost of producing the mitigation. Procedures for reconciling such costs are documented through the Inspector General's Office.

The term **restoration** is used to describe stream and wetland restoration activities, monitoring, maintenance, land, and special studies. Contained under this heading are 79 active contracts that are in design, construction or monitoring in our state's 17 river basins.

## Design-Bid-Build Contracts

Current Contracts					SFY 2017 / 18				SFY 2018 / 19				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Consultant										
Contract #D14001i	Mud Lick Crk - Thomas	8	Chatham	Wildlands Engineering, Inc.	\$ 10,380	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,380	1
Contract #006741	Millstone Creek	8	Randolph	NCSU	\$ 4,000	\$ 9,528	\$ 20,754	\$ 20,754	\$ -	\$ 26,281	\$ 28,136	\$ -	\$ 109,453	2
Contract #D13022S	Little Pine II	11	Alleghany	Confluence Engineering	\$ 33,360	\$ 8,340	\$ 8,340	\$ 20,850	\$ 20,850	\$ 8,340	\$ -	\$ -	\$ 100,080	3
Contract #D16015i	UT West Branch Rocky Riv	10	Mecklenburg	KCI Associates of NC	\$ 24,135	\$ 40,400	\$ 29,272	\$ 32,286	\$ 25,660	\$ 25,660	\$ -	\$ -	\$ 177,413	4
<b>Subtotal Design-Bid-Build - Current Contracts</b>					<b>\$ 71,875</b>	<b>\$ 58,268</b>	<b>\$ 58,366</b>	<b>\$ 73,890</b>	<b>\$ 46,510</b>	<b>\$ 60,281</b>	<b>\$ 28,136</b>	<b>\$ -</b>	<b>\$ 397,326</b>	

Design-Bid-Build - New Contracts to be awarded SFY 2017/18 / SFY 2018/19		SFY 2017 / 18				SFY 2018 / 19				Total
		Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction		\$ -	\$ 50,000	\$ 145,000	\$ 760,000	\$ 310,000	\$ 310,000	\$ 160,000	\$ -	\$ 1,735,000
Acquisition <sup>1</sup>		\$ 4,800	\$ -	\$ 29,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,800
<b>Subtotal Design-Bid-Build - New Contracts</b>		<b>\$ 4,800</b>	<b>\$ 50,000</b>	<b>\$ 174,000</b>	<b>\$ 760,000</b>	<b>\$ 310,000</b>	<b>\$ 310,000</b>	<b>\$ 160,000</b>	<b>\$ -</b>	<b>\$ 1,768,800</b>

Design-Bid-Build Total	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	<b>\$ 76,675.00</b>	<b>\$ 108,268</b>	<b>\$ 232,366</b>	<b>\$ 833,890</b>	<b>\$ 356,510</b>	<b>\$ 370,281</b>	<b>\$ 188,136</b>	<b>\$ -</b>	

## Design-Build

Design-Build - Payments for New Contracts					SFY 2017 / 18				SFY 2018 / 19				Total	
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #006256	Big Harris	12	Cleveland	Wildlands Engineering, Inc.	\$ -	\$ 622,165	\$ 1,866,494	\$ 311,082	\$ -	\$ -	\$ 124,433	\$ -	\$ 2,924,174	5
<b>Total Design-Build Current Contracts</b>					<b>\$ -</b>	<b>\$ 622,165</b>	<b>\$ 1,866,494</b>	<b>\$ 311,082</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 124,433</b>	<b>\$ -</b>	<b>\$ 2,924,174</b>	

# Full Delivery Contracts

Full Delivery - Current Contracts					SFY 2017 / 18				SFY 2018 / 19				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #003981	Muddy Run Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 91,817	\$ -	\$ -	\$ -	\$ 183,635	\$ -	\$ -	\$ 275,452	6
Contract #003989	Devil's Racetrack	4	Johnston	Wildlands Engineering, Inc.	\$ -	\$ 420,966	\$ -	\$ -	\$ -	\$ 420,966	\$ -	\$ -	\$ 841,932	7
Contract #005012	Bowl Basin	3	Onslow	KCI Associates of NC	\$ -	\$ 26,460	\$ -	\$ -	\$ -	\$ 26,460	\$ -	\$ -	\$ 52,920	8
Contract #005010	Norman's Pasture	3	Sampson	KCI Associates of NC	\$ -	\$ 65,130	\$ -	\$ -	\$ -	\$ 65,130	\$ -	\$ -	\$ 130,260	9
Contract #005787	Norman's Pasture II	3	Sampson	KCI Technologies	\$ -	\$ 10,558	\$ -	\$ -	\$ -	\$ 10,558	\$ -	\$ -	\$ 21,116	10
Contract #005011	Cedar Creek	3	Sampson	Environmental Banc & Exchange, LLC	\$ -	\$ 95,500	\$ -	\$ -	\$ -	\$ 95,500	\$ -	\$ -	\$ 191,000	11
Contract #005000	UT to Millers Creek	3	Duplin	Florence and Hutcheson, Inc	\$ -	\$ 50,681	\$ -	\$ -	\$ -	\$ 50,681	\$ -	\$ -	\$ 101,362	12
Contract #004631	Best Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 134,904	\$ -	\$ -	\$ -	\$ 134,904	\$ -	\$ -	\$ 269,808	13
Contract #004632	Muddy Run II Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 127,700	\$ -	\$ -	\$ -	\$ 127,700	\$ -	\$ -	\$ 255,400	14
Contract #004954	Foust Creek	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 89,817	\$ -	\$ -	\$ -	\$ 89,817	\$ -	\$ -	\$ 179,634	15
Contract #004949	Agony Acres	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 113,521	\$ -	\$ -	\$ -	\$ 113,521	\$ -	\$ -	\$ 227,042	16
Contract #004951	UT to Cane Creek	7	Alamance	Michael Baker Engineering, Inc	\$ -	\$ 66,930	\$ -	\$ -	\$ -	\$ 66,930	\$ -	\$ -	\$ 133,860	17
Contract # 005151	Stanleys II	1	Northampton	KCI Associates of NC	\$ -	\$ 21,125	\$ -	\$ -	\$ -	\$ 21,125	\$ -	\$ -	\$ 42,250	18
Contract #004635	Stanleys Slough	1	Northampton	KCI Associates of NC	\$ -	\$ 78,377	\$ -	\$ -	\$ -	\$ 78,377	\$ -	\$ -	\$ 156,754	19
Contract #004628	Hofler Property	1	Gates	Albemarle Restorations, LLC	\$ -	\$ 30,800	\$ -	\$ -	\$ -	\$ 30,800	\$ -	\$ -	\$ 61,600	20
Contract #005790	Abbey Lamm	7	Alamance	Restoration Systems, LLC	\$ -	\$ 38,824	\$ -	\$ -	\$ -	\$ 38,824	\$ -	\$ -	\$ 77,648	21
Contract #005791	Aycock Springs	7	Alamance	Restoration Systems, LLC	\$ -	\$ 26,629	\$ -	\$ -	\$ -	\$ 26,629	\$ -	\$ -	\$ 53,258	22
Contract #005792	Browns Summit Creek	7	Guilford	Michael Baker Engineering, Inc	\$ -	\$ 99,875	\$ -	\$ -	\$ -	\$ 39,950	\$ -	\$ -	\$ 139,825	23
Contract #005793	Maney Farm	8	Chatham	Wildlands Engineering, Inc.	\$ -	\$ 35,040	\$ -	\$ -	\$ -	\$ 35,040	\$ -	\$ -	\$ 70,080	24
Contract #005794	Candy Creek	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 276,662	\$ -	\$ -	\$ -	\$ 110,665	\$ -	\$ -	\$ 387,327	25
Contract #005795	Holman Mill	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 28,297	\$ -	\$ -	\$ -	\$ 28,297	\$ -	\$ -	\$ 56,594	26
Contract #006746	Tar River Headwater Wetlands	5	Person	Mogensen Mitigation, Inc.	\$ -	\$ 15,250	\$ -	\$ -	\$ -	\$ 6,100	\$ -	\$ -	\$ 21,350	27
Contract #006824	Pen Dell	4	Johnston	Water & Land Solutions	\$ 174,583	\$ 116,389	\$ 116,389	\$ -	\$ -	\$ 58,194	\$ -	\$ -	\$ 465,555	28
Contract #006825	Edwards-Johnson	4	Johnston	Water & Land Solutions	\$ 175,925	\$ 117,284	\$ 117,284	\$ -	\$ -	\$ 58,642	\$ -	\$ -	\$ 469,134	29
Contract #006826	Lake Wendell	4	Johnston	Water & Land Solutions	\$ 197,281	\$ 131,521	\$ 131,521	\$ -	\$ -	\$ 65,760	\$ -	\$ -	\$ 526,084	30
Contract #006827	Dry Creek	5	Durham	Wildlands Engineering, Inc.	\$ 149,400	\$ 448,201	\$ 597,602	\$ -	\$ 448,201	\$ 298,801	\$ 298,801	\$ -	\$ 2,241,006	31
Contract #006828	Lochill Farm	7	Orange	Michael Baker Engineering, Inc.	\$ 199,260	\$ 132,840	\$ 132,840	\$ -	\$ -	\$ 66,420	\$ -	\$ -	\$ 531,360	32
Contract #006829	Buckwater	7	Orange	Wildlands Engineering, Inc.	\$ 866,737	\$ -	\$ -	\$ -	\$ 433,368	\$ 216,684	\$ 216,684	\$ -	\$ 1,733,473	33

# Full Delivery Contracts (page 2)

Full Delivery - Current Contracts (continued)					SFY 2017 / 18				SFY 2018 / 19				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #006830	Stony Fork	4	Johnston	KCI Associates of NC	\$ 391,332	\$ 260,888	\$ 130,444	\$ -	\$ -	\$ 130,444	\$ -	\$ -	\$ 913,108	34
Contract #006832	Alliance Headwaters Option A	4	Johnston	Restoration Systems, LLC	\$ 519,246	\$ 389,435	\$ 649,058	\$ 259,623	\$ -	\$ 129,812	\$ -	\$ -	\$ 1,947,174	35
Contract #006897	Lone Hickory	11	Yadkin	Wildlands Engineering, Inc.	\$ -	\$ 837,541	\$ 628,156	\$ -	\$ -	\$ 628,156	\$ 418,771	\$ 209,385	\$ 2,722,009	36
Contract #006898	Mill Dam Creek	11	Yadkin	KCI Associates of NC	\$ 514,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 514,800	\$ 686,400	\$ 1,716,000	37
Contract #007006	Harrell Site	14	Jackson	EW Solutions, LLC	\$ 42,367	\$ 169,469	\$ 127,101	\$ -	\$ 127,101	\$ 84,734	\$ 84,734	\$ -	\$ 635,506	38
Contract #006997	Fletcher Site	14	Henderson	EW Solutions, LLC	\$ 798,300	\$ -	\$ 598,725	\$ -	\$ 598,725	\$ 399,150	\$ -	\$ 199,575	\$ 2,594,475	39
Contract #D06046-A	Logan Creek	14	Jackson	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 47,403	\$ -	\$ -	\$ -	\$ 47,403	\$ -	\$ 94,805	40
Contract #D06125-B	Elk Branch	13	Mitchell	Michael Baker Engineering, Inc	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	41
Contract #002024	North Fork Mountain Creek	12	Catawba	Resource Environmental Solutions, LLC	\$ -	\$ -	\$ 55,953	\$ -	\$ -	\$ -	\$ 55,953	\$ -	\$ 111,905	42
Contract #003983	Jacobs Ladder	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 69,584	\$ -	\$ -	\$ -	\$ 139,167	\$ -	\$ 208,751	43
Contract #003984	Jacobs Landing	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 63,849	\$ -	\$ -	\$ -	\$ 127,699	\$ -	\$ 191,548	44
Contract #003991	601 North II	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 112,143	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 112,143	45
Contract #003990	Town Creek	10	Stanly	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 49,840	\$ -	\$ -	\$ -	\$ 49,840	\$ -	\$ 99,680	46
Contract #003277	UT to Town Creek	10	Stanly	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 192,090	\$ -	\$ -	\$ -	\$ 192,090	\$ -	\$ 384,180	47
Contract #004644	Pee Dee Stream	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 107,100	\$ -	\$ -	\$ -	\$ 107,100	\$ -	\$ 214,200	48
Contract #004641	Brown Creek Tributaries	10	Anson	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 140,100	\$ -	\$ -	\$ -	\$ 140,100	\$ -	\$ 280,200	49
Contract #004642	Hopewell	8	Randolph	Wildlands Engineering, Inc.	\$ -	\$ 120,810	\$ -	\$ -	\$ -	\$ 120,810	\$ -	\$ -	\$ 241,620	50
Contract #002029	Little Buffalo Creek	10	Cabarrus	Louis Berger	\$ -	\$ -	\$ 92,550	\$ -	\$ -	\$ -	\$ 92,550	\$ -	\$ 185,100	51
Contract #003979	Junes Branch	14	Jackson	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 59,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,850	52
Contract #004672	Poplin Ridge Site	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 105,341	\$ -	\$ -	\$ -	\$ 105,341	\$ -	\$ 210,682	53
Contract #004673	Norkett Branch	10	Union	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 165,102	\$ -	\$ -	\$ -	\$ 165,102	\$ -	\$ 330,205	54
Contract #004925	601 East	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 64,904	\$ -	\$ -	\$ -	\$ 64,904	\$ -	\$ 129,809	55
Contract #005999	Vile Creek	11	Alleghany	Wildlands Engineering, Inc.	\$ 168,450	\$ 168,450	\$ 84,225	\$ -	\$ -	\$ -	\$ 33,690	\$ -	\$ 454,815	56
Contract #005782	Henry Fork (Only Stream is 2984)	12	Catawba	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 32,488	\$ -	\$ -	\$ -	\$ 32,488	\$ -	\$ 64,976	57
Contract #005786	Roses Creek	13	Burke	ICA Engineering, Inc.	\$ -	\$ -	\$ 39,990	\$ -	\$ -	\$ -	\$ 39,990	\$ -	\$ 79,980	58
Contract #006402	John Deere	13	Rutherford	Resource Environmental Solutions, LLC	\$ 369,915	\$ 158,535	\$ 105,690	\$ 105,690	\$ -	\$ -	\$ 52,845	\$ -	\$ 792,675	59
Contract #006598	Cedar Branch	8	Randolph	KCI Associates of NC	\$ -	\$ -	\$ 270,900	\$ 361,200	\$ -	\$ -	\$ 90,300	\$ -	\$ 722,400	60
<b>Subtotal Full Delivery - Current Contracts</b>					<b>\$ 4,567,597</b>	<b>\$ 5,006,226</b>	<b>\$ 5,088,220</b>	<b>\$ 726,513</b>	<b>\$ 1,607,395</b>	<b>\$ 4,059,217</b>	<b>\$ 3,070,351</b>	<b>\$ 1,095,360</b>	<b>\$ 25,220,880</b>	

## Full Delivery Contracts (page 3)

Full Delivery - Payments for New Contracts to be Awarded -- SFY 2017 / 18 / SFY 2018 / 19 (Includes Bank Credit Purchases)	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
<b>Subtotal Full Delivery - Payments for New Contracts</b>	\$ 1,200,000	\$ 145,000	\$ 6,250,000	\$ 4,200,000	\$ 6,000,000	\$ 7,400,000	\$ 5,100,000	\$ 4,000,000	\$ 34,295,000

Full Delivery Total	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 5,767,597	\$ 5,151,226	\$ 11,338,220	\$ 4,926,513	\$ 7,607,395	\$ 11,459,217	\$ 8,170,351	\$ 5,095,360	\$ 59,515,880

# Monitoring / Maintenance, Repair and Equipment Contracts

## Monitoring

Monitoring - Current Contracts					SFY 2017 / 18				SFY 2018 / 19				Total	
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Consultant										
Contract #005765	Stallings (G)	2	Jones	Robert J. Goldstein & Associates	\$ -	\$ 2,785	\$ -	\$ -	\$ -	\$ 2,785	\$ -	\$ 2,785	\$ 8,355	61
Contract #004801	Greenbrier Creek	7	Chatham	Axiom Environmental, Inc.	\$ -	\$ -	\$ 6,296	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,296	62
Contract #004682	Sandy Creek (Charles Williams)	8	Randolph	Sungate Design Group, PA		\$ -	\$ 1,680	\$ -	\$ -	\$ 18,066	\$ -	\$ 12,044	\$ 31,790	63
Contract #005367	Meredell Farm Site	8	Randolph	SEPI Engineering & Construction, Inc.	\$ 1,080	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,080	64
Contract #005715	Bear Creek (Phillips Tract)	8	Chatham	Axiom Environmental, Inc.	\$ -	\$ 5,545	\$ -	\$ 2,772	\$ -	\$ 5,545	\$ 2,272	\$ 2,272	\$ 18,406	65
Contact#006604	Heath Dairy	8	Randolph	Mogensen Mitigation, Inc.	\$ 3,250	\$ 9,750	\$ -	\$ 3,250	\$ -	\$ 9,750	\$ -	\$ 3,250	\$ 29,250	66
Contract #D16025i	Bowman Site	8	Randolph	Carolina Silvics	\$ -	\$ 1,397	\$ -	\$ -	\$ -	\$ 699	\$ -	\$ -	\$ 2,096	67
Contract #004804	UT to Hauser Creek	9	Davie	Axiom Environmental, Inc.	\$ 3,061	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,061	68
Contract #006617	Crooked Creek II	10	Union	Wildlands Engineering, Inc.	\$ 8,113	\$ 14,135	\$ -	\$ -	\$ 8,113	\$ 14,135	\$ -	\$ 8,113	\$ 52,609	69
Contract #006844	Little Pine III	11	Alleghany	Wildlands Engineering, Inc.	\$ -	\$ 14,500	\$ -	\$ 7,250	\$ -	\$ 14,500	\$ -	\$ 7,250	\$ 43,500	70
Contract #006843	Glade Creek II	11	Alleghany	Wildlands Engineering, Inc.		\$ 11,700	\$ -	\$ 5,850	\$ -	\$ 11,700	\$ -	\$ 5,850	\$ 35,100	71
Contract #004538	Newfound Creek	13	Buncombe	URS	\$ 4,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,760	72
Contract #006496	Hogan Creek	11	Surry	Wildlands Engineering, Inc.	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ 33,600	73
Contract #005764	Suther	10	Cabarrus	Robert J. Goldstein & Associates	\$ 2,112	\$ -	\$ -	\$ 6,338	\$ -	\$ -	\$ 7,770	\$ -	\$ 16,220	74
Contract #005717	UT Martin Creek/Martin II	14	Cherokee	Axiom Environmental, Inc.	\$ -	\$ 15,477	\$ -	\$ 8,027	\$ -	\$ 15,477	\$ -	\$ -	\$ 38,981	75
Contract #004391	McKee	10	Cabarrus	Withers and Ravenel	\$ -	\$ 4,971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,971	76
Contract #006036	Five Mile Branch	12	Iredell	Arcadis	\$ 3,748	\$ -	\$ 11,244	\$ 3,748	\$ -	\$ 3,748	\$ -	\$ -	\$ 22,488	77
Contract #004803	Mill Creek (Formerly Uwharrie Heritage)	8	Randolph	Axiom Environmental, Inc.	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000	78
Contract #004661	Big Harris	12	Cleveland	Western Carolina Univ.	\$ 6,053	\$ 6,053	\$ 4,096	\$ 4,096	\$ 5,537	\$ 6,515	\$ 6,515	\$ 6,515	\$ 45,380	79
<b>Subtotal Monitoring - Current Contracts</b>					<b>\$ 38,177</b>	<b>\$ 97,513</b>	<b>\$ 23,316</b>	<b>\$ 46,931</b>	<b>\$ 13,650</b>	<b>\$ 114,120</b>	<b>\$ 16,557</b>	<b>\$ 53,679</b>	<b>\$ 403,943</b>	

Monitoring - New Contracts to be awarded SFY 2017 / 18 / SFY 2018 / 19					SFY 2017 / 18				SFY 2018 / 19				Total	
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Monitoring <sup>2</sup>	Statewide	Multiple	Statewide	Undetermined	\$ 7,000	\$ -	\$ -	\$ 1,400	\$ 3,900	\$ 6,000	\$ 40,000	\$ 28,500	\$ 86,800	
<b>Subtotal Monitoring- New Contracts</b>					<b>\$ 7,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,400</b>	<b>\$ 3,900</b>	<b>\$ 6,000</b>	<b>\$ 40,000</b>	<b>\$ 28,500</b>	<b>\$ 86,800</b>	

Monitoring - Total					SFY 2017 / 18				SFY 2018 / 19				Total	
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
2017 - 2018 DMS Biennial Budget					\$ 45,177	\$ 97,513	\$ 23,316	\$ 48,331	\$ 17,550	\$ 120,120	\$ 56,557	\$ 82,179	\$ 490,743	4/1/2017

## Monitoring / Maintenance, Repair and Equipment Contracts (page 2)

### Maintenance, Repair and Equipment

					SFY 2017 / 18				SFY 2018 / 19				
<b>Maintenance, Repair and Equipment - Current Contracts</b>					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Contract Number	Site Name	Division	County	Consultant									
Contract #D14004i	Veg Install & Management	Multiple	Statewide	Keller Environmental	\$ 2,250	\$ 2,250	\$ -	\$ -	\$ 2,250	\$ 2,250	\$ -	\$ -	\$ 9,000
Contract #D16005i	InvasiveManagement	Multiple	Statewide	Carolina Silvics	\$ 7,750	\$ 12,450	\$ 9,300	\$ 7,750	\$ -	\$ -	\$ -	\$ -	\$ 37,250
Contract #D16002i	Veg Install & Management	Multiple	Statewide	Bruton Natural Systems	\$ 5,300	\$ 13,500	\$ -	\$ -	\$ 11,000	\$ -	\$ -	\$ -	\$ 29,800
<b>Maintenance, Repair and Equipment - Current Contracts Subtotal</b>					<b>\$ 15,300</b>	<b>\$ 28,200</b>	<b>\$ 9,300</b>	<b>\$ 7,750</b>	<b>\$ 13,250</b>	<b>\$ 2,250</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 76,050</b>

80  
81  
82

					SFY 2017 / 18				SFY 2018 / 19				
<b>Maintenance, Repair and Equipment - New Contracts to be awarded</b>					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Maintenance and repair <sup>3</sup>	Multiple	Multiple	various	tbd									
Maintenance and repair <sup>3</sup>	Multiple	Multiple	various	tbd	\$ 30,000	\$ 40,000	\$ 25,000	\$ 25,000	\$ -	\$ 130,000	\$ -	\$ -	\$ 250,000
Gauges and Equipment <sup>4</sup>	Multiple	Multiple	various	tbd	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 70,000
Functional Uplift <sup>5</sup>	Multiple	Multiple	various	tbd	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ 150,000
<b>Maintenance, Repair and Equipment - New Contracts Subtotal</b>					<b>\$ 55,000</b>	<b>\$ 100,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 25,000</b>	<b>\$ 190,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 470,000</b>

					SFY 2017 / 18				SFY 2018 / 19				
<b>Maintenance, Repair and Equipment - Total</b>					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
					\$ 70,300	\$ 128,200	\$ 59,300	\$ 57,750	\$ 38,250	\$ 192,250	\$ -	\$ -	\$ 546,050

					SFY 2017 / 18				SFY 2018 / 19				
<b>Monitoring / Maintenance, Repair and Equipment - Total</b>					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
					\$ 115,477	\$ 225,713	\$ 82,616	\$ 106,081	\$ 55,800	\$ 312,370	\$ 56,557	\$ 82,179	\$ 1,036,793

<sup>1</sup>Includes any new or remaining acquisitions requiring DB / DBB implementation.

<sup>2</sup>New Monitoring is based on projects currently in design or construction.

<sup>3</sup>Based on current maintenance cost data

<sup>4</sup>Equipment costs based on maintenance required for existing gauges

<sup>5</sup>Monitoring water quality and biological parameters pre- and post-construction. Determination of thresholds of change.

# Summary of Stewardship Costs

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Stewardship	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 900,000

**NOTES:**

The budget is based on the number of projects currently in DEQ Stewardship, the number of projects that are expected to be closed out and transferred to DEQ Stewardship in SFY 2017 / 18 and SFY 2018 / 19, and the Standard Operation Procedures agreed to by NCDEQ and NCDOT. Includes Stewardship Manager salary (85%), administration, legal and project monitoring cost.

No stewardship endowment funds are included in this biennial budget. The budget includes funds for annual stewardship activities performed by the DEQ Stewardship Program according to the contract with NCDOT. According to other terms of that contract, DEQ will be developing endowment estimates for mitigation sites during the coming fiscal year. NCDOT and DEQ will evaluate those endowment estimates and may alter the SFY 2017 / 18 budget to pay endowments for some mitigation sites.

*No funds are included for stewardship of NCDOT-acquired mitigation sites.*

## Projects Transferred to Stewardship

Project ID	Project Name	County
92546	601 North Property	Union
92545	601 West Property	Union
7	Adkins Branch (Phase II) (G)	Lenoir
92139	Allen Tract	Franklin
92526	Anderson Swamp	Edgecombe
92666	Badin Inn	Stanly
92106	Barnes Creek Grissom	Montgomery
23	Barra Farms I	Cumberland
92164	Beaver Dam-Drowning Creek II (Rankin Tract)	Moore
92217	Beaverdam Creek	Mecklenburg
92586	Beaverdam Creek and Trib (Parker Site)	Union
92132	Big & Little Rock Creek Bruchon	Mitchell
92532	Big Cedar Creek	Stanly
92101	Big Pond Bay Gardner	Cumberland
92162	Bishop Tract-Canal Branch	Anson
92516	Blockhouse Creek	Polk
92207	Brown Farm	Durham
92517	Brown Marsh Swamp	Robeson
92325	Cane Creek	Person
92521	Cane Creek (FD)	Rutherford
92035	Cedar Creek Perry	Franklin
92017	Chowan River Harrell	Chowan
92205	Collins Site	Orange
92760	Columbus Swamp	Columbus
92226	Conoconnara Swamp	Halifax
92329	Crowns West	Onslow
92245	Crowther North South Yadkin River	Rowan
92547	Cutawhiskie creek	Hertford
92229	Daniels Farm #2	Franklin
92543	Davis Branch	Union
92157	Davis Tract-Yadkin River	Davie
92120	Deep - Horse Creek McKean	Moore
92092	Deep River Jordan	Moore
92093	Deep River M. Paschal	Moore
92533	Dog Bite Creek	Mitchell
92544	Duke Swamp	Gates
92116	Dutch Buffalo Creek Walker	Cabarrus
92117	Dutch Buffalo Creek Wickliff	Cabarrus
92107	Dutch Second Creek Hill	Rowan
92763	East Buffalo Creek	Graham
123	East Tarboro Canal (G)	Edgecombe
92172	Elk-Shoals-Methodist Camp	Ashe
92520	Ellington Branch	Warren
92552	Farrar Dairy	Harnett
92558	Fisher River Fisher Peak	Surry

## Projects Transferred to Stewardship

Project ID	Project Name	County
92144	Fishing Creek (Capps Tract)	Warren
92038	Fishing Creek Capps Farm	Warren
92039	Fishing Creek Capps Forest	Warren
92020	Fishing Creek Edwards 1	Nash
92021	Fishing Creek Green	Warren
92041	Fishing Creek Hall	Edgecombe
92022	Fishing Creek IP/Alston	Warren
92044	Fishing Creek Shearin	Warren
92046	Fishing Creek Sturges	Franklin
92146	Flat River-Horton Grove	Durham
92812	Flint Rock Farm #2	Rockingham
92486	Floogie Site	Bertie
92228	Gatlin Swamp	Martin
854	Glade Creek	Alleghany
92096	Glendon Slate Creek Paschal	Moore
92219	Gray Farm	Iredell
92152	Great Coharie-TNC	Sampson
92124	Green River Boyer	Polk
92125	Green River Ward	Polk
92142	Guthrie Tract-Shelton Creek	Granville
92138	Harper Tract-Swift Creek	Franklin
92230	Harrell Site	Edgecombe
92118	Hitchcock Creek McDonald	Richmond
92523	Holly Grove	Guilford
92015	Hyco Lake Bessemer	Caswell
92550	Jarmans Oak	Onslow
197	Johnson Site (Hunting Creek)	Iredell
92160	Lambert Tract-Uwharrie River Bluff	Montgomery
92136	Langley Site-Cypress Creek	Franklin
92158	Len's Knob & Little Mountain	Surry
92143	Lester Capps Tract-Shocco Creek	Warren
733	Lewis Creek	Henderson
92161	Lewis Tract; Little River	Randolph
92112	Little River Baker	Randolph
92113	Little River Cochran	Montgomery
92759	Little River Farm	Montgomery
92114	Little River Parker	Randolph
92111	Little River Walbourn	Randolph
92023	Little Shocco Creek O'Neal	Franklin
92024	Little Shocco Creek Speed	Warren
92025	Little Shocco Creek Tomlinson	Franklin
92047	Little Shocco Creek Wheless	Franklin
749	Little Troublesome	Rockingham
92534	Little White Oak Creek	Polk
92248	Mark's Creek TESC	Wake

## Projects Transferred to Stewardship

Project ID	Project Name	County
92328	Mason Farm	Hyde
242	McDonald's Pond	Richmond
92141	McNair Tract (Turpentine; LLC)-Aycock Creek	Granville
92105	Mill Creek Steele	Surry
256	Mocassin Creek (G)	Wake
92227	Modlin Site	Martin
92527	Morgan Creek	McDowell
92531	Morgan Creek (French Broad)	Haywood
258	Morgan Creek Floodplain	Orange
261	Naked Creek	Wilkes
92089	New Hope Creek Penny	Orange
92090	New Hope Creek Trinity School	Orange
92151	Newton Tract-White Pines	Chatham
441	Nicholls Farm (Troublesome Creek)	Bertie
92026	North Fork Upper Tar River Winslow	Granville
92611	North Muddy Creek	McDowell
92128	North Pacolet Childers	Polk
92170	Old Cove Tract-Green River-Burdett Property	Polk
283	Perry Property (UT to Pembroke)	Chowan
92159	Pickler's Bluff	Rowan
92518	Pinch Gut Tributary	Stokes
92548	Powell Property	Bertie
92522	Puzzle Creek	Rutherford
92167	Rankin Tract	Gaston
92050	Reedy Creek Johnston	Warren
92134	Roanoke River-IP-Blue Sky Timber Tract 42-14	Halifax
92135	Roanoke River-IP-Blue Sky Timber Tract 42-15	Halifax
92758	Rockwell Pastures	Stanly
317	Rowan Branch	Sampson
92052	Sandy Creek Mullen	Franklin
92028	Sandy Creek Parrish	Franklin
94148	Scaly Bark Creek Mitigation Site	Stanly
92081	Sevenmile Creek Camp Chestnut Ridge	Orange
92241	Sharpe Wetland Preservation	Rockingham
92029	Shelton Creek Peterson	Granville
92055	Shelton Creek Slaughter	Granville
92056	Shelton Creek Thorp/Morton	Granville
92030	Shelton Creek Tucker-Daniel 1	Granville
92018	Shelton Creek Tucker-Daniel 2	Granville
92031	Shocco Creek Alston 1; 2; 3	Franklin
92057	Shocco Creek D Davis	Warren
92137	Shocco Creek LLC-Little Shocco Creek	Franklin
92218	Silver Creek-Conway	Burke
92234	Simpson Wetland	Beaufort
92130	Skyuka Creek Luthi	Polk

## Projects Transferred to Stewardship

Project ID	Project Name	County
92764	Snowbird Tributaries	Graham
92556	Stricker Branch	Cabarrus
92027	Swift/Sandy Creek A&P Timber	Franklin
92051	Swift/Sandy Creek Faulkner	Franklin
92054	Swift/Sandy Creek Young	Franklin
92032	Tar River Averett	Granville
92033	Tar River B Harris	Granville
92066	Tar River Betty Crews	Granville
92069	Tar River Dean	Granville
92034	Tar River Hodges	Franklin
92071	Tar River Oakley	Granville
92072	Tar River Pitts	Granville
92080	Tar River Pories	Pitt
92073	Tar River Roy Crews	Granville
92075	Tar River Sherman	Granville
92076	Tar River Sherman 2	Granville
92077	Tar River Smitherman	Granville
92524	Thompson's Fork and Tributary	McDowell
92557	Timberlake (Great Dismal Swamp)	Tyrrell
92528	Tributary to Reedy Fork Creek	Guilford
92347	UT Bear Creek (Weaver/McLeod property) (G)	Chatham
92598	UT to Back Creek	Orange
857	UT to Crab Creek	Alleghany
434	UT to Crooked Creek/Speas Property (G)	Franklin
93876	UT to Goose Creek (Coats)	McDowell
92694	UT to Haw (Beckom)	Alamance
94068	UT To The Lumber River	Robeson
92108	Uwharrie River Bingham	Montgomery
92109	Uwharrie River Cochran	Montgomery
92110	Uwharrie River Whatley	Randolph
92508	Wildcat Branch	Lee
92140	William O'Neal Tract-Swift Creek	Franklin
92165	Wimberley Tract-Nat's Creek	Moore
92551	Wolf Pond	Union

# CFR Planning Framework

Watershed Planning budgets traditionally focus on finding adequate, cost effective mitigation projects that will provide the optimal environmental returns for the state's mitigation investments. The 2017 / 2018 biennial budget includes funding to complete the River Basin Restoration Priority (RBRP) update process and incorporate improvements to modeling capacity. The Division has improved its River Basin Restoration Priority (RBRP) processes to realize cost efficiencies and to improve the utility of planing products. The updated process emphasizes functional analyses at variable spatial scales and data will be used to further support LWP updates within high impact Cataloging Units based upon TIP prioritization.

In addition to the previously approved CF 02/03 regional plan, DMS has incorporated funding for the development of a regional watershed plan in FB 05 in anticipation of extensive future mitigation needs in this service area.

Current Watershed Plans (active contracts)*	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
<b>Watersheds</b>									
RBRP and existing LWP updates	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 20,035	\$ -	\$ -	\$ 232,535
<b>Subtotal - Project Development Current Contracts Projected Cost</b>	<b>\$ 42,500</b>	<b>\$ 20,035</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 232,535</b>				

Project Development - New Contracts Projected Cost**	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
CF 02/03 Regional Plan	\$ 21,250	\$ 21,250	\$ 42,500	\$ 42,500	\$ 63,750	\$ 62,000	\$ 25,500	\$ 21,250	\$ 300,000
FB 05 Regional Plan	\$ -	\$ -	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 255,000
<b>Subtotal - Project Development - New Contracts</b>	<b>\$ 21,250</b>	<b>\$ 21,250</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 106,250</b>	<b>\$ 104,500</b>	<b>\$ 68,000</b>	<b>\$ 63,750</b>	<b>\$ 555,000</b>

CFR Planning Framework - TOTAL	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 63,750	\$ 63,750	\$ 127,500	\$ 127,500	\$ 148,750	\$ 124,535	\$ 68,000	\$ 63,750	\$ 787,535

**NOTES:**

\*Estimated cost includes improvements to RBRP modeling capacity and application of data to update existing LWPs.

\*\*FY 16/17 budget approved funding for CF 02/03 Regional Plan. Previously approved contingency funds are being applied to FB 05 Regional Plan.



**NORTH CAROLINA**  
Department of Transportation



**DMS BIENNIAL BUDGET  
STATE FISCAL YEARS  
2017/18 and 2018/19**

Tim Baumgartner  
Acting Director, Div. of Mitigation Services, DEQ

May 3, 2017

## *Division of Mitigation Services*

*Mission: to provide cost-effective mitigation alternatives that benefit North Carolina's water resources.*

# WHAT WE DO



Supports transportation project development:

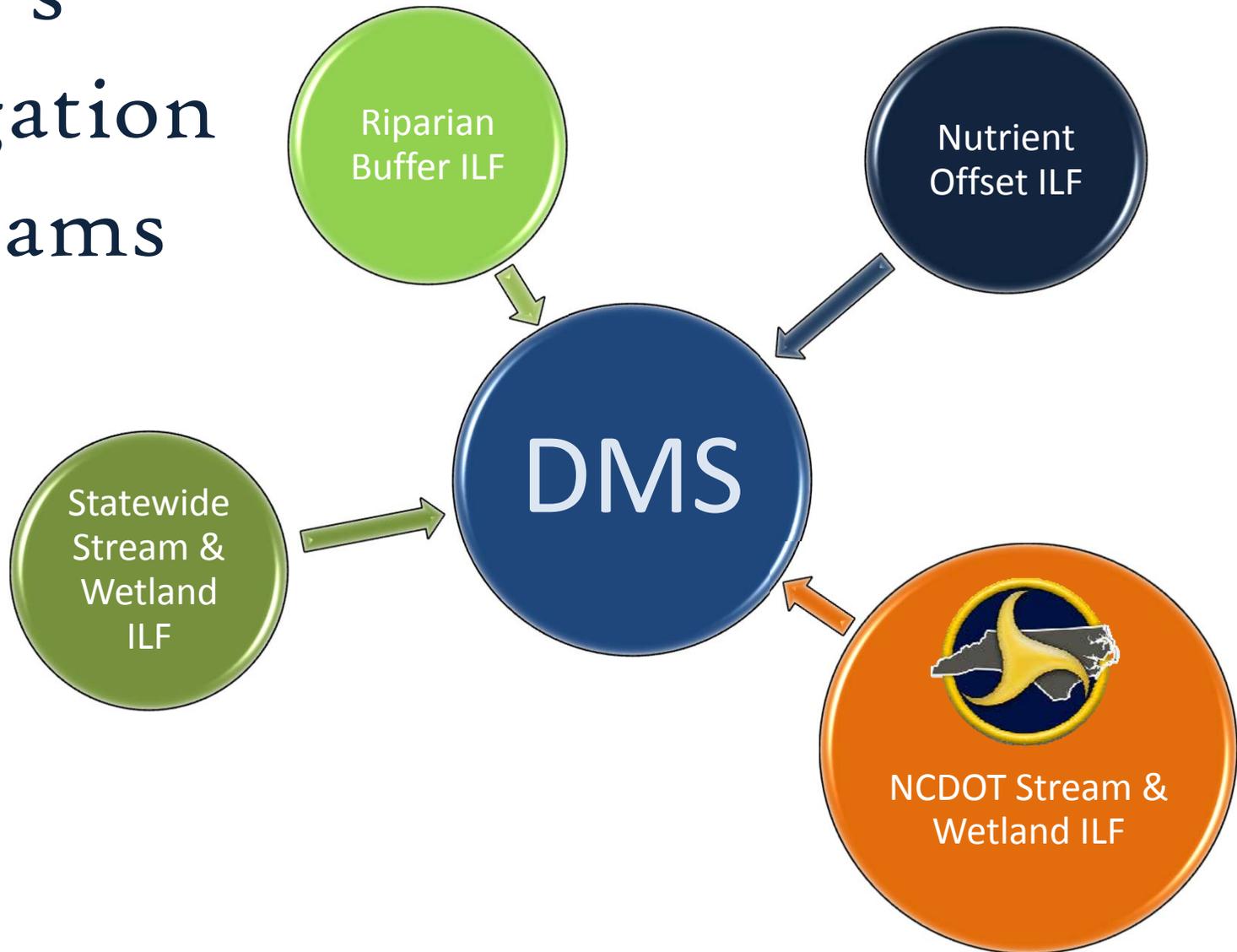
**COST CONTROLS**  
**REGULATORY ACCEPTANCE**

Compensatory Mitigation for stream, wetland, and riparian buffer

Leverages mitigation investments to the benefit of the state's natural resources

PARTNERS  
Landowners  
Contractors  
Investors  
Engineers  
Cities & Counties

# DMS's Mitigation Programs



# DMS Private Sector Customers:



# DMS Public Sector Customers:



## Rocky Mount High School

Preparing ALL students for bright & prosperous futures by Deliberately & Intentionally providing Rigorous & Relevant Instruction in every classroom, every day

## SUCCESS

Since EEP/DMS inception in 2003,  
NO NCDOT project has been delayed  
due to a lack of compensatory stream  
and wetland mitigation.

# 2016 DOT/DMS Operating Agreement

MEMORANDUM OF AGREEMENT BETWEEN THE  
NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY  
AND THE  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## 1. Introduction and Purpose

- 1.1. This Memorandum of Agreement (MOA) is made and entered into on the date herein below by and between the **NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY** (hereinafter "NCDEQ") and the **NORTH CAROLINA DEPARTMENT OF TRANSPORTATION** (hereinafter "NCDOT"), collectively referred to hereinafter as the "Parties," to establish the procedures for the NCDEQ Division of Mitigation Services (hereinafter, "DMS") to provide compensatory mitigation to offset NCDOT impacts to waters and wetlands resulting from activities authorized by Sections 401 and 404 of the Clean Water Act, 33 USC §§1341, 1344, and under Section 10 of the Rivers and Harbors Act, 33 USC §403 (hereinafter "permits"), and by certain certifications, authorizations or permits issued under the North Carolina water quality statutes, the North Carolina Coastal Area Management Act and the North Carolina Dredge and Fill Law and associated rules. This Agreement supersedes the 2008 MOA between NCDEQ and NCDOT. Any other agreements between NCDOT and NCDEQ remain in effect. Upon mutual agreement by the Secretaries, this MOA may be expanded to include other natural resource and environmental impacts.

## 2. Authority

- 2.1. Authority of NCDOT. NCDOT is responsible for planning, design, right of way acquisition, construction, maintenance, and operation of an integrated statewide transportation system for the economic and safe transportation of people and goods. NCDOT's authority is derived primarily from NCGS, Chapter 136 (Roads and Highways), and Chapter 143B (State Departments, Institutions, and Commissions). NCDOT promulgates transportation related regulations in Title 19A of the North Carolina Administrative Code (NCAC). NCDOT is authorized under NCGS § 136 to enter into contracts and agreements as necessary to construct, improve and maintain the state transportation system in conformance with present or future acts of Congress.
- 2.2. Authority of DMS. The DMS is authorized to implement third-party in-lieu-fee compensatory mitigation programs in the state of North Carolina for streams, wetlands, nutrients, and riparian buffers (NCGS 143-214 et seq). DMS's "NCDOT Stream and

## Summary

Administration	\$ 6,407,828	8%
Restoration	70,943,473	90%
Stewardship	900,000	1%
Planning Framework	787,535	1%

**Biennial Total**                      **\$ 79,038,836**

**Note: Biennial budget reflects operating requirements of Code of Federal Regulations as agreed with the USACE, Wilmington District**

**\$ 29,022,373**      **anticipated payments this biennium  
to fund 79 active projects**

**\$ 36,620,600**      **anticipated payments this biennium  
for new mitigation projects  
to support current STIP**

Distribution



## Any Questions?

Tim Baumgartner  
Acting Director

NC Division of Mitigation Services  
Department of Environmental Quality

1652 Mail Service Center

Raleigh, NC 27699-1652

919-707-8543

<https://deq.nc.gov/about/divisions/mitigation-services>



# **NORTH CAROLINA**

Department of Transportation



## Financial Update

As of March 2017

David Tyeryar, Chief Financial Officer

May 3, 2017

# Financial Update

## SFYTD 2017 as compared SFYTD 2016

Dollars in Millions	Month over Month		Year to Date		
	March '17	March '16	March '17	March '16	\$ Change
Collections	\$ 416	\$ 456	\$ 4,138	\$ 3,657	\$ 481
Expenditures	<u>447</u>	<u>344</u>	<u>3,884</u>	<u>3,504</u>	<u>380</u>
Net Change	\$ (31)	\$ 112	\$ 254	\$ 153	\$ 101
Cash Balances:			March '17	March '16	
Trust Fund			\$ 1,657	\$ 1,321	
Highway Fund*			<u>420</u>	<u>229</u>	
Totals			<u>\$ 2,077</u>	<u>\$ 1,550</u>	

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

# Revenue Summary March 2017

## (\$ in Millions)

	March 2017	March 2016	Year Over Year				SFY Budget	
			2016-2017 Actual	2015-2016 Actual	\$	%	Annual Budget	%
<b>State &amp; Federal Collections:</b>								
Highway Fund *	\$ 179.8	\$ 177.9	\$ 1,582.2	\$ 1,498.7	\$ 83.5	6%	2,048.7	77%
Highway Trust Fund *	130.5	126.2	1,108.2	1,045.5	62.7	6%	1,371.3	81%
Total State Funds	310.3	304.1	2,690.4	2,544.2	146.2	6%	\$ 3,420.0	79%
Federal Funds/Participation	74.0	116.9	885.3	855.2	30.1	4%	1,257.7	70%
GARVEE Reimbursement/NCTA	31.8	34.9	561.9	257.1	304.8	-	N/A	N/A
<b>Total</b>	<b>\$ 416.1</b>	<b>\$ 455.9</b>	<b>\$ 4,137.7</b>	<b>\$ 3,656.6</b>	<b>\$ 481.1</b>	<b>13%</b>	<b>\$ 4,677.7</b>	<b>88%</b>
<b>* Memo</b>								
	March 2017	March 2016	2016-2017 Actual	2015-2016 Actual	\$	%	Annual Budget	%
<b>Highway Fund &amp; Trust Fund Details</b>								
Motor Fuel Taxes	\$ 141.9	\$ 143.7	\$ 1,417.1	\$ 1,433.6	\$ (16.6)	-1%	\$ 1,782.8	79%
Highway Use Tax	73.4	69.8	581.3	532.5	48.7	9%	706.6	82%
DMV/Other Revenue	93.8	89.9	683.0	572.7	110.3	19%	927.6	74%
Investment Income	1.2	0.8	9.1	5.4	3.7	69%	3.0	N/A
<b>Total</b>	<b>\$ 310.3</b>	<b>\$ 304.1</b>	<b>\$ 2,690.4</b>	<b>\$ 2,544.2</b>	<b>\$ 146.2</b>	<b>6%</b>	<b>\$ 3,420.0</b>	<b>79%</b>

# Expenditure Summary March 2017

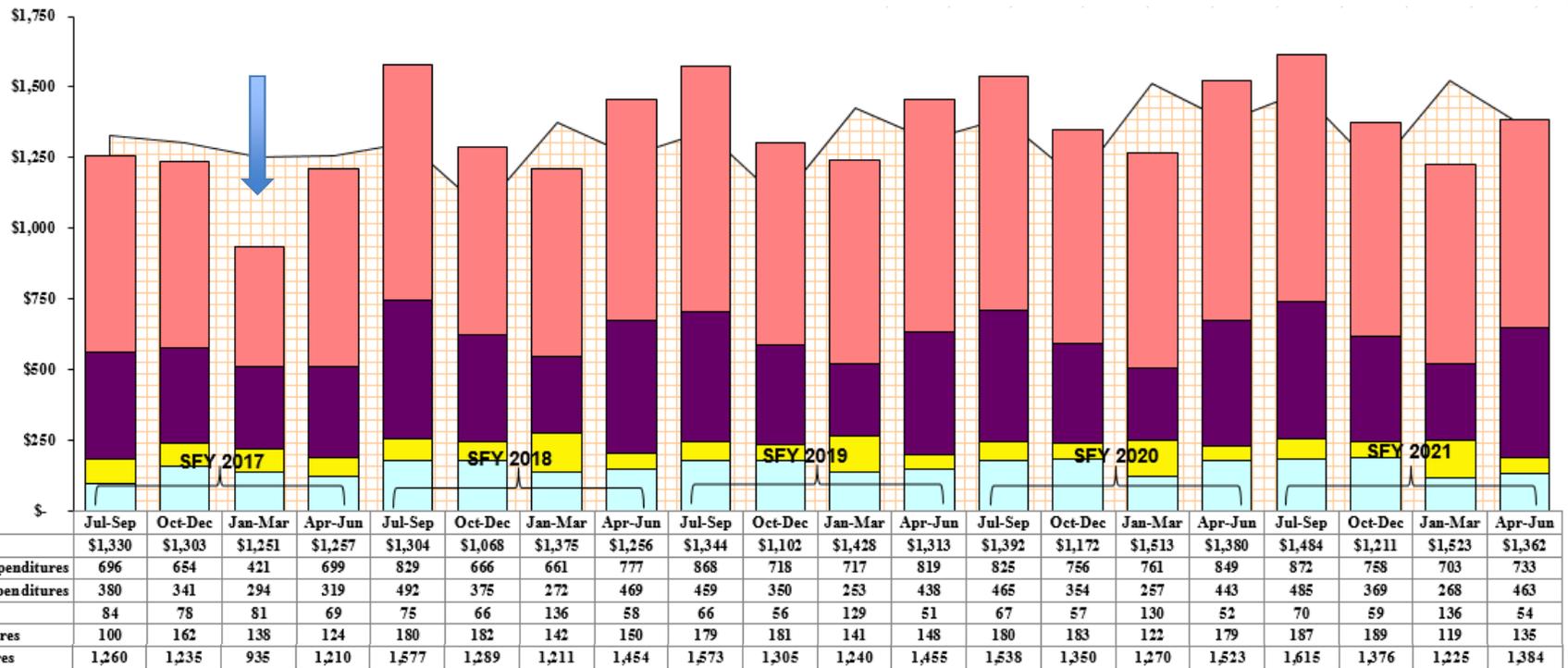
(\$ in millions)

	Year Over Year						SFY Annual Budget	
	Mar-17	Mar-16	2016-2017 Actual	2015-2016 Actual	\$	%	2016-2017 Budget	%
<b>State &amp; Federal Funded Programs:</b>								
Construction	\$ 184.2	\$ 131.7	\$ 1,699.4	\$ 1,504.9	\$ 194.6	13%	\$ 2,304.7	74%
Maintenance	93.0	76.1	956.5	880.9	75.6	9%	1,293.0	74%
Public Transportation	15.0	11.3	83.7	100.8	(17.1)	-17%	126.9	66%
Other Modal/Other Programs	8.6	13.9	107.7	102.7	4.9	5%	231.9	46%
Administration	23.2	22.4	139.8	158.1	(18.2)	NA	316.9	44%
Municipal Aid	-	-	147.2	147.8	(0.6)	0%	147.5	100%
Transfers to Other Agencies	3.8	0.5	34.1	34.0	0.1	NA	47.3	72%
<b>Total Expenditures</b>	<b>\$ 327.8</b>	<b>\$ 255.9</b>	<b>\$ 3,168.4</b>	<b>\$ 2,929.2</b>	<b>\$ 239.2</b>	<b>8%</b>	<b>\$ 4,468.2</b>	<b>71%</b>
<b>GARVEE/NCTA/Special Initiatives</b>	<b>\$ 119.5</b>	<b>\$ 87.7</b>	<b>\$ 716.0</b>	<b>\$ 574.8</b>	<b>\$ 141.2</b>		<b>209.5</b>	
<b>Total</b>	<b>\$ 447.2</b>	<b>\$ 343.6</b>	<b>\$ 3,884.4</b>	<b>\$ 3,504.0</b>	<b>\$ 380.4</b>		<b>4,677.7</b>	

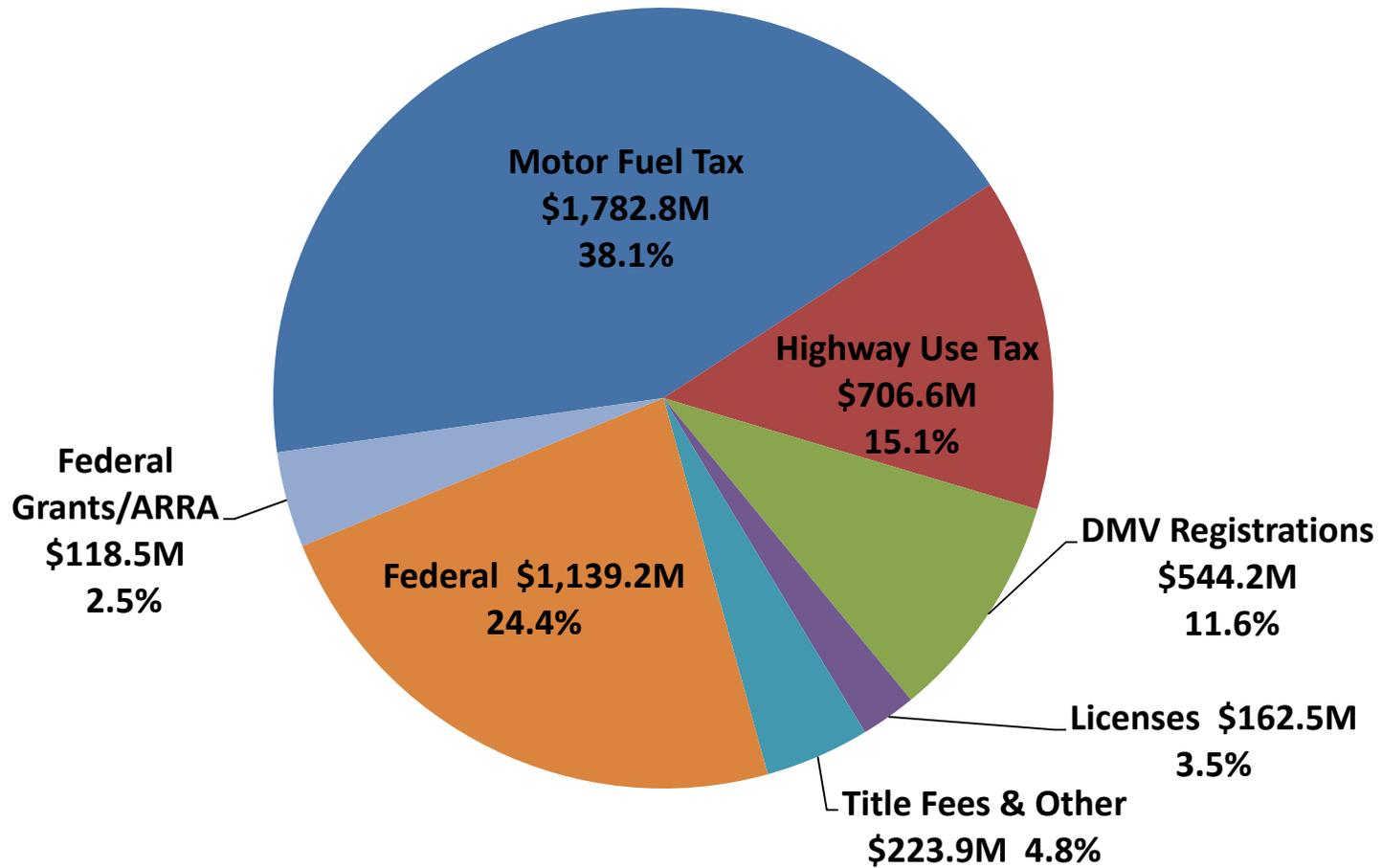
# Revenue and Expenditure Variances as of March 2017

<b>REVENUES</b>		
<b>State &amp; Federal Funded Programs:</b>		
	<b>Variance &gt;5%</b>	<b>Reason for Variance</b>
Highway Use Tax	7%	Car sales were back up in March.
<b>EXPENDITURES</b>		
<b>State &amp; Federal Funded Programs:</b>		
	<b>Variance &gt;5%</b>	<b>Reason for Variance</b>
Other Modal/Other Programs	<29%>	Project issues have caused rail invoices to be delayed.
Administration	<31%>	Admin is down due to the IT carryforward. FY16 IT carryforward was \$61.4M.
Public Transportation	<9%>	Funds are being distributed quarterly instead of twice a year. Previously all funds would have been disbursed.

# 60 Month Revenue & Expenditure Projections as of March 2017



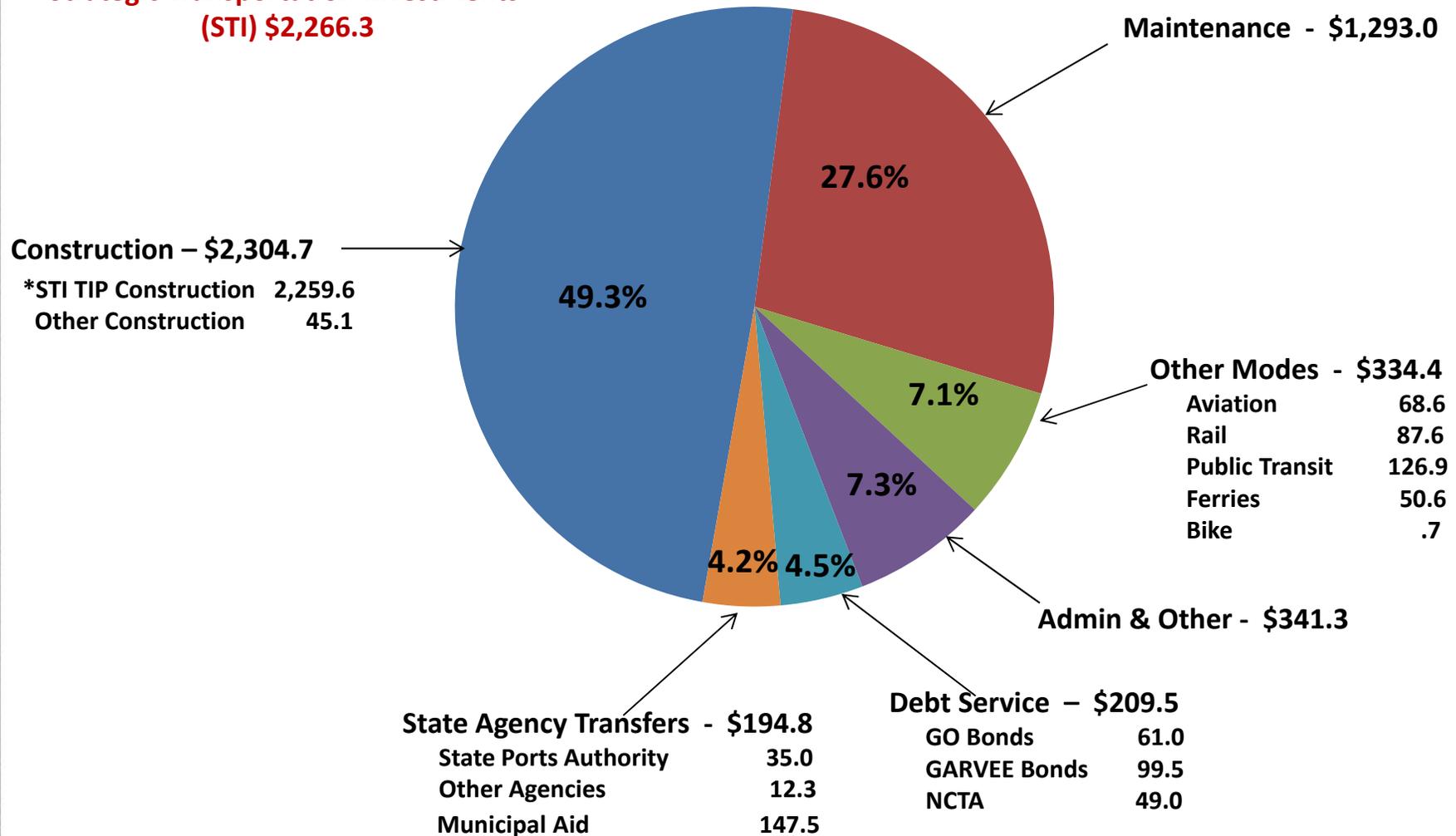
# NCDOT Revenue Sources SFY2017 - \$4.7 Billion



# Uses of 2016-17 NCDOT Appropriations

## Total Funding = \$4.7 Billion

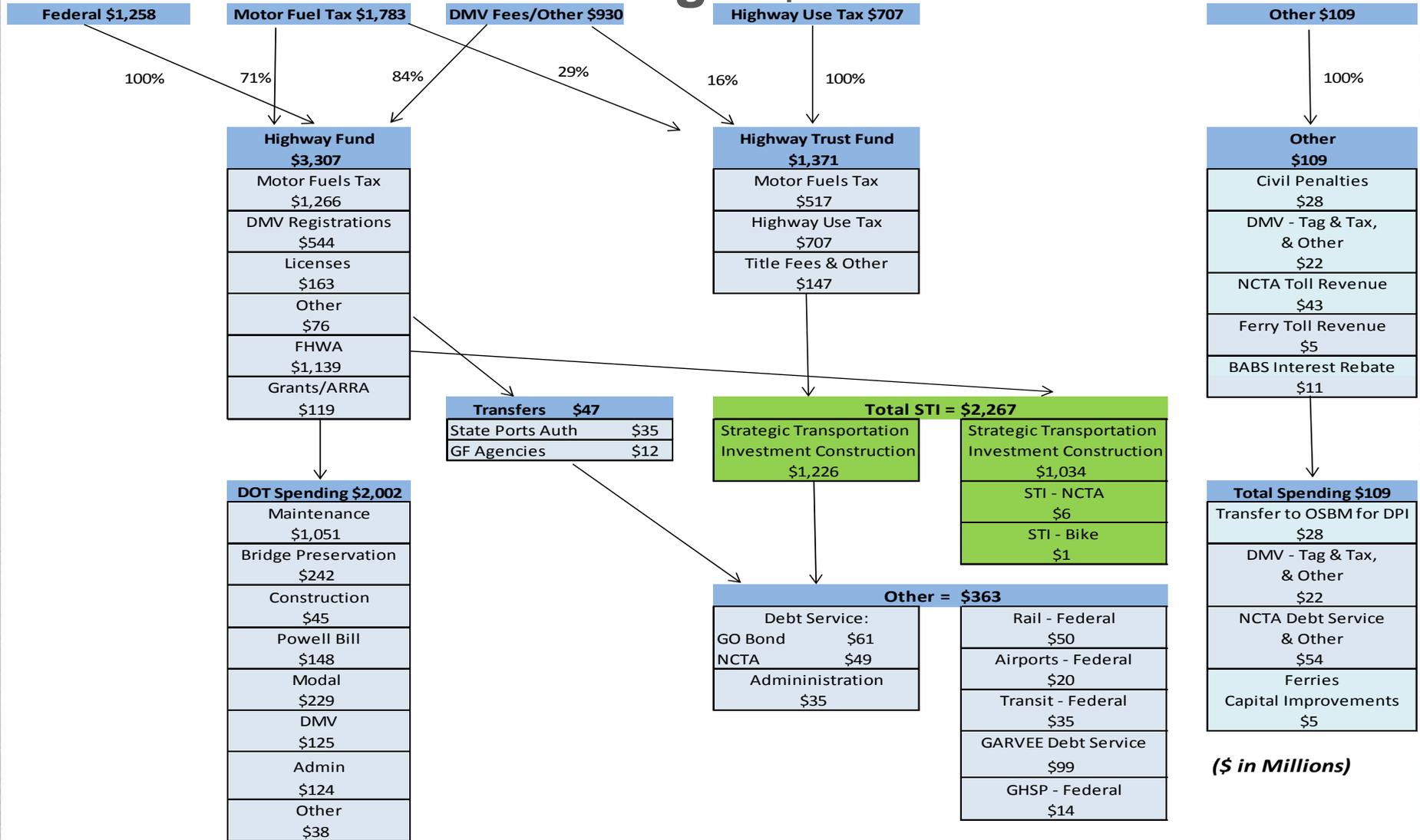
**Strategic Transportation Investments  
(STI) \$2,266.3**



(\$ in millions)

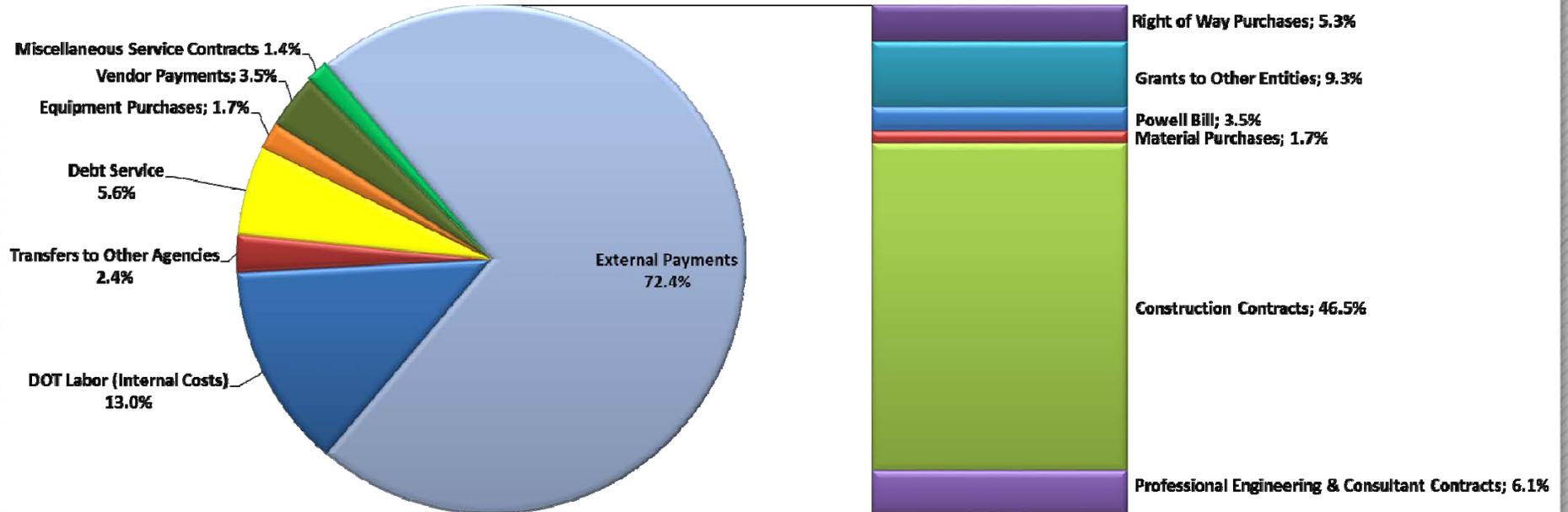
# SFY2017 NCDOT Sources and Uses

## Total Funding = \$4.7 Billion



(\$ in Millions)

# NCDOT Expenditures SFY2017 as of March 31, 2017





## **NORTH CAROLINA** Department of Transportation



Information on the use of minority and woman-owned businesses in NCDOT contracts.

Benny F. Sloan, EI, Acting Director – Office of Civil Rights

May 4, 2017

## Utilization Goals for Disadvantaged Minority & Woman-Owned Programs

In accordance with 49 CFR Part 26 and the Special Provisions, the North Carolina Department of Transportation (NCDOT) has established goals for participation of Disadvantaged Business Enterprises (DBE's) in United States Department of Transportation (USDOT) assisted contracts, as well as State assisted contracts.

The 2016 - 2018 Triennial Goal for DBE (federal funded) projects is 13.7%. The current goals for state funded projects are 5.7% MBE and 6.1% WBE.

## NCDOT sets \*DBE/\*MBE/\*WBE utilization goals for all construction projects. These goals are advertised with the projects.

Centrally Managed Projects

Letting Date: April 18, 2017

PROJECT NUMBER	COUNTY	TYPE OF WORK	LOW BIDDER	ADVERTISED GOALS SET			PARTICIPATION SUBMITTED		
				DBE %	MB %	WB %	DBE %	MB %	WB %
46483.3.1, 46484.3.1 B-5938, B-5939 C203925	CARTERET	BRIDGE REHABILITATION	FREYSSINET, INC.			1.0			1.05
42342.3.1 B-5166 C203902	GRANVILLE	GRADING, DRAINAGE, PAVING AND STRUCTURE	FSC II DBA FRED SMITH COMPANY <b>*BANKED FUNDS USED TO MEET WB GOAL</b>		2.0	3.0		2.36	2.31
50092.3.1 HSIP-0074(156) W-5520 C203788	UNION	GRADING, DRAINAGE, PAVING, SIGNALS AND RETAINING WALL	SEALAND CONTRACTORS CORP	10.0			10.00		
2017CPT.12.18.1023 1, ETC. C204008	CLEVELAND	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	ASPHALT PAVING OF SHELBY, INC.		3.0	4.0		3.00	4.00
34522.3.5 STP-0016(52) R-3100A, R-3100B C203800	CATAWBA	WIDENING, GRADING, DRAINAGE, PAVING AND CULVERTS	BLYTHE DEVELOPMENT CO.	9.0			9.82		
41153.3.1 IMF-085-1(113)17 I-5000 C203846	GASTON	GRADING, DRAINAGE, PAVING, LIGHTING, SIGNALS AND CULVERTS	TRIANGLE GRADING & PAVING, INC.	9.0			9.14		
39079.3.4 STP-1302(069) U-4715B C203953	BUNCOMBE	ITS	BROOKS, BERRY, HAYNIE & ASSOCIATES, INC.	1.0			1.35		

# Utilization Goals Update

## Federal Contract Awards

Oct 2016 let through Apr 2017 let

Federal Fiscal Year 2016/2017

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
						MB		WB	
						\$	%	\$	%
Monthly	77,913,450.61	6,238,455.55	8.0	6,665,449.30	8.6	1,692,481.40	2.2	4,972,967.90	6.4
FY to Date	375,680,003.90	29,996,539.79	8.0	30,818,399.50	8.2	6,765,190.40	1.8	24,053,209.10	6.4

## State Contract Awards

Jul 2016 let through Apr 2017 let

State Fiscal Year 2016/2017

	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
		\$	%	\$	%	\$	%	\$	%
		Monthly	22,388,232.70	203,805.58	0.9	207,380.00	0.9	427,687.91	1.9
FY to Date	372,643,806.93	8,612,151.43	2.3	7,694,479.60	2.1	13,126,462.91	3.5	16,625,357.50	4.5

Letting Date(s): April 18, 06, 2017  
 Award Date: May 04, 2017  
 Award Subject to BOT's Approval



# **NORTH CAROLINA**

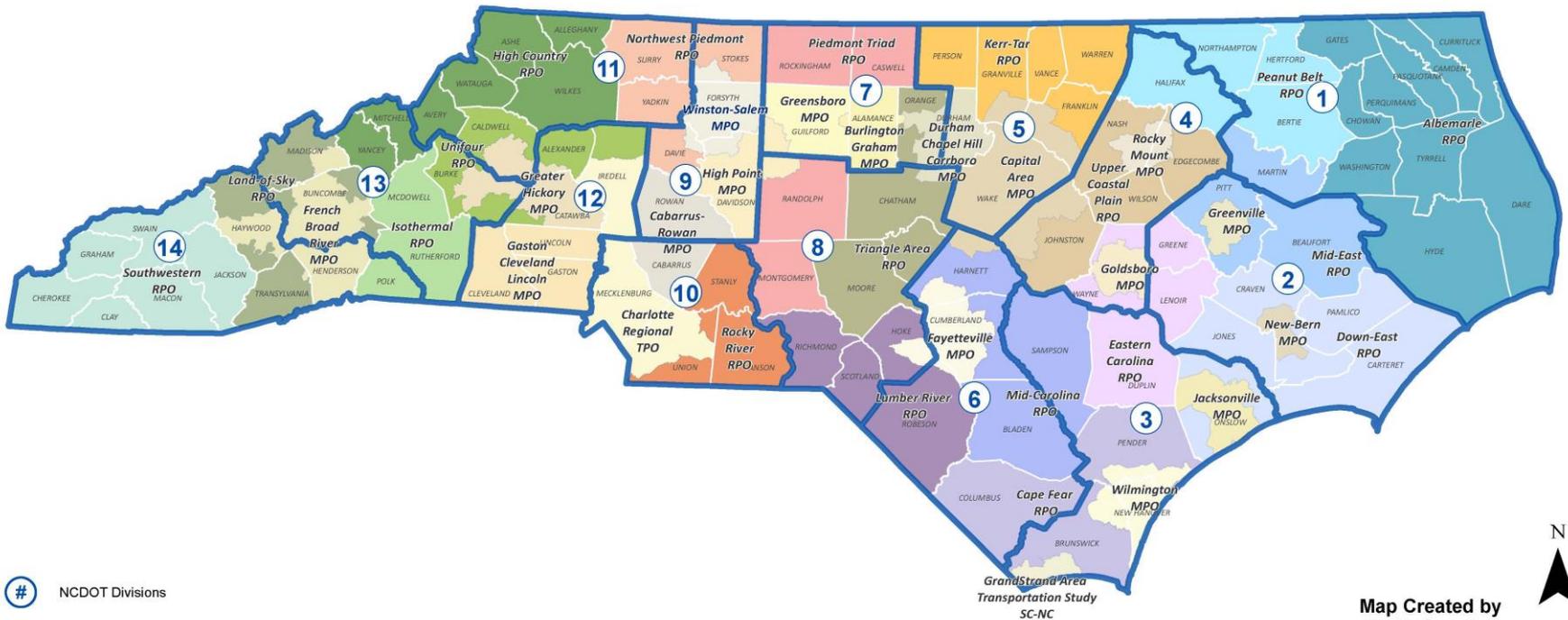
Department of Transportation



## NCDOT Board of Transportation Role Metropolitan Planning Organizations (MPO) & Rural Planning Organizations (RPO)

April 2017

# North Carolina Metropolitan and Rural Planning Organizations with NCDOT Division Boundaries



# What is an MPO?

- An MPO, as defined in NC General Statute 136-200, is: “An agency that is designated or redesignated by a memorandum of understanding as a Metropolitan Planning Organization in accordance with 23 U.S.C. § 134.” (in Federal Statute since 1962)
- Defined by the US Census
- Includes the central city and other areas that meet density criteria
- 50,000+ population – MPO
- 200,000+ population – TMA (Transportation Management Area)
- Planning area may be expanded, but not be contracted
- Designated by NCDOT Secretary of Transportation on behalf of Governor

# What are the Duties & Responsibilities of an MPO?

- Carry out a Continuing, Cooperative and Comprehensive (3C) transportation planning process in cooperation with the State DOT and transit operators
- Cooperatively develop, update, and approve:
  - (Unified) Planning Work Program ((U)PWP)
  - Transportation Plan (MTP)
  - Transportation Improvement Program (TIP)
  - Air Quality Conformity (if applicable)
- Determine responsibilities in concert with the State DOT and transit operators
- Carry out a proactive Public Involvement Process (PIP)

# What is an RPO?

- An RPO, as defined in NC General Statute 136-210 (in 2000), is: “A voluntary organization of local officials formed through a Memorandum of Understanding (MOU) to work cooperatively with the Department of Transportation to plan rural transportation systems and to advise the Department on rural transportation policy”
- According to General Statute 136-211 (b), an RPO must:
  - Contain a minimum of three (3) contiguous counties
  - Have a population of at least 50,000
  - Metropolitan Planning Organizations areas shall not be included
  - Not all municipalities in a proposed RPO must join the organization but the county must be a member of the RPO

# What are the Duties & Responsibilities of an RPO?

- Assist the Department in developing comprehensive transportation plans (CTP)
- Provide a forum for public participation in the transportation planning and project development processes
- Develop and prioritize projects the organization believes should be included in the STIP
- Provide transportation related information to local governments
- Other duties as determined.

# How are MPOs & RPOs Structured?

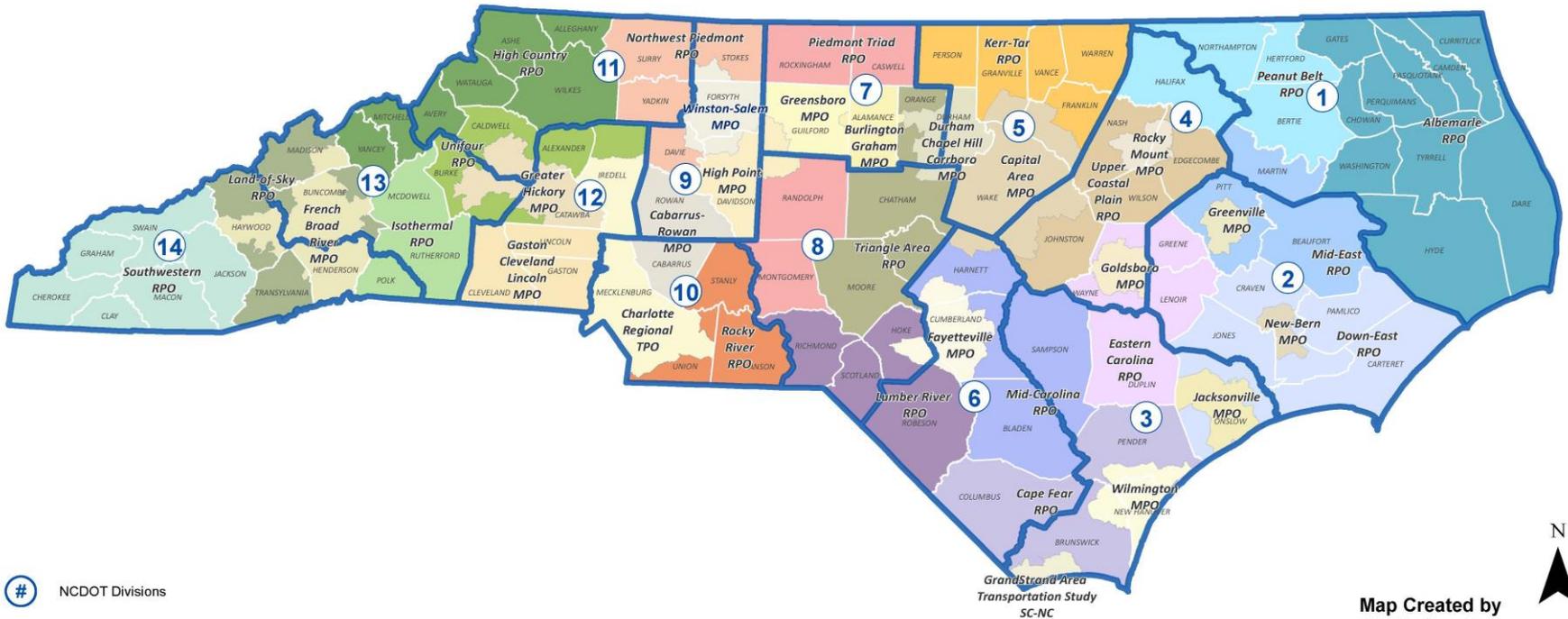
- Transportation Advisory Committee (TAC)
  - Local Elected Officials
  - \*\*BOT Area Representative\*\*
  - FHWA advisory non-voting member
  - Tribal Governments
  - Other members designated by the MOU (Memorandum of Understanding)
- Technical Coordinating Committee (TCC)
  - Member Government(s) Staff Representatives
  - NCDOT (Division Engineer or Staff Designee)
  - FHWA
  - Transit Providers
  - Other Agencies
- LPA
  - Designated Staff (City, County or COG)

# What is Your Role as a BOT Member?

- Represent NCDOT on the TAC as a voting member
- Act as liaison between the MPO/RPO and the Department
- Share the needs & priorities of NCDOT with the MPO/RPO
- Provide policy guidance and interpretation

<b>Division</b>	<b>RPOs</b>	<b>MPOs</b>
1	Albemarle, Mid-East, Peanut Belt	n/a
2	Mid-East, Down East, Eastern Carolina	Greenville, New Bern
3	Cape Fear, Eastern Carolina, Down East, Mid-Carolina	Jacksonville, Wilmington, Grand Strand
4	Eastern Carolina, Peanut Belt, Upper Coastal Plain	Capital Area (CAMPO), Goldsboro, Rocky Mount
5	Kerr-Tar	CAMPO, Durham-Chapel Hill-Carrboro (DCHC)
6	Cape Fear, Lumber River, Mid-Carolina	CAMPO, Fayetteville
7	Triangle Area, Piedmont Triad	Burlington-Graham, DCHC, Greensboro, High Point
8	Lumber River, Piedmont Triad, Triangle Area	DCHC, Fayetteville, High Point
9	Northwest Piedmont	Cabarrus-Rowan, High Point, Winston-Salem
10	Rocky River	Cabarrus-Rowan, Charlotte Regional TPO (CRTPO)
11	High Country, Northwest Piedmont, Unifour	Greater Hickory
12	Unifour	Gaston Cleveland Lincoln, Greater Hickory, CRTPO
13	Isothermal, High County, Land of Sky	French Broad River, Greater Hickory
14	Land of Sky, Isothermal, Southwestern	French Broad River

## North Carolina Metropolitan and Rural Planning Organizations with NCDOT Division Boundaries



# NCDOT Divisions

0 10 20 40 Miles

N

Map Created by  
North Carolina  
Department of Transportation  
Transportation Planning Branch  
January 2014



# NORTH CAROLINA

Department of Transportation



# Product Evaluation Program Awareness

Jessica Kuse, PE and Ben Johnson, PE

May 4, 2017

# Legislation – G.S. 136-18.04

## PRODUCT EVALUATION PROGRAM/INCREASE INNOVATION

- **SECTION 29.11.(a) Plan.** – The Board of Transportation shall develop a plan to bring greater visibility and public awareness to the Product Evaluation Program, a unit of the Department of Transportation that reviews new and innovative technologies and products. As part of its plan, the Board shall add to its monthly public meeting an agenda item that highlights two new technologies, one technology that is under review by the Product Evaluation Program and one technology that was recently approved by the Product Evaluation Program.
- **SECTION 29.11.(b) Report and Implementation.** – The plan required under subsection (a) of this section shall be submitted to the chairs of the Joint Legislative Transportation Oversight Committee no later than December 1, 2015. The Board shall implement the plan required under subsection (a) of this section by February 15, 2016.

# Legislation – G.S. 136-18.04

- **SECTION 29.11.(c)** Chapter 136 of the General Statutes is amended by adding a new section to read:

" § 136-18.04. Product Evaluation Program.

The Product Evaluation Program, or any successor program operated by the Department of Transportation to review and approve or disapprove new and innovative technologies and products for use by the Department, shall complete its evaluation of a technology or product within one year from the date that the technology or product was submitted for evaluation. Nothing in this section shall be construed as requiring the Product Evaluation Program or any successor program to review all technologies and products submitted to the Product Evaluation Program or any successor program."

- **SECTION 29.11.(d)** Subsection (c) of this section becomes effective January 1, 2016, and applies to technologies and products submitted for review on or after that date. The remainder of this section is effective when this act becomes law.

# Innovative Technologies and Products Awareness Plan Overview

## Plan Vision and Goal

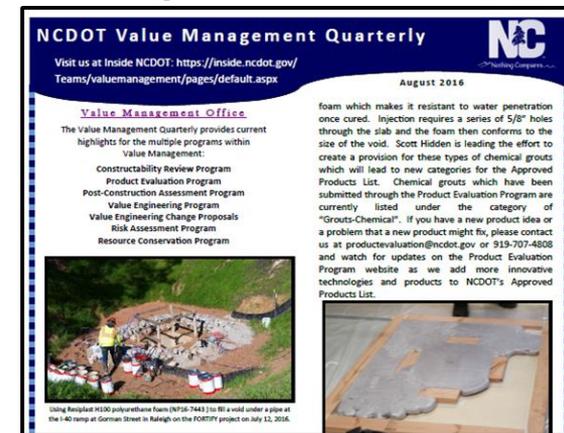
- ✓ *Increase the Use of Innovative Technologies and Products by Bringing Greater Visibility and Public Awareness to NCDOT's Product Evaluation Program*
- ✓ *Become a Global Leader in Providing Innovative Transportation Solutions*
- ✓ *Shift From a Passive Business Model to an Active Pursuit of New Technologies 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 innovative technologies and products while marketing for innovative solutions NCDOT needs
- Continuous Request For Information (RFI)
- Regularly scheduled Oversight Committee meetings
- <https://www.ncdot.gov/projects/roadbuild/>
- Communications Plan
- Quarterly Newsletter
- Meeting with PEP liaisons



# Innovative Technologies and Products Awareness Plan Overview

## Strategy

### ✓ Information Technology

- Improve our internal efficiencies and the evaluation process
- Product Evaluation Program Form Submittal Landing Site
  - <https://connect.ncdot.gov/site/ProductEvaluation/Pages/PE-default.aspx>
  - <https://connect.ncdot.gov/site/ProductEvaluation/Lists/Product-Submittal/NewForm.aspx>

The screenshot displays the 'Connect NCDOT BUSINESS PARTNER RESOURCES' website. The top navigation bar includes links for Home, Help, Team Sites, and Site Map. Below this is a search bar and a ribbon menu with categories: Doing Business, Bidding & Letting, Projects, Resources, and Municipalities. The main content area is titled 'Product Evaluation · Product Submittal'. A breadcrumb trail shows 'Connect NCDOT > Product Evaluation'. On the left, a sidebar lists 'Product Evaluation', 'My Submittal Products', 'Technical Work Groups', 'Project-Documentation', and 'Recent'. The main content area features a heading 'Attaching Documents - use the link provided in the ribbon above' and 'Instructions and Guidelines to complete this form'. Below this, it states 'Please complete all applicable fields for the Manufacturer, Distributor, Specification, and Testing Information sections.' A yellow information box at the bottom notes: 'Items on this list require content approval. Your submission will not appear in public views until approved by someone with proper rights. More information on content approval.'

# Innovative Technologies and Products Awareness Plan Overview

## Strategy

### ✓ *Product and Technology Implementation*

- Improve our success rate of implementation
- Research Projects
- Outreach to other state DOTs regarding their Product Evaluation Process
- Outreach to companies to bring technology to NCDOT
- Proposed Research: Product Evaluation Tracking Tools and Product Categories
- 29 Products Accepted for Field Trial Use
- Bike Path illumination
- Shoreline protection report

# Innovative Technologies and Products Awareness Plan Overview

## Roles, Milestones and Metrics

### ✓ *Innovative Technology and Product Oversight Committee*

- Set Milestones and Metrics
- Implement strategies on behalf of the Board of Transportation

### *Sample Metrics*

- Enhance existing website to make it more user friendly by 12/31/16.
- Create and publish innovative products list on website by 12/31/16 and update quarterly.
- Select products/technologies to track related to safety, innovation, etc. by 6/30/17.
- Develop a method to track use of selected products and implement by 12/31/17.
- Have 15 outreach opportunities per year to share DOT innovative technologies and products.

# Moving Forward

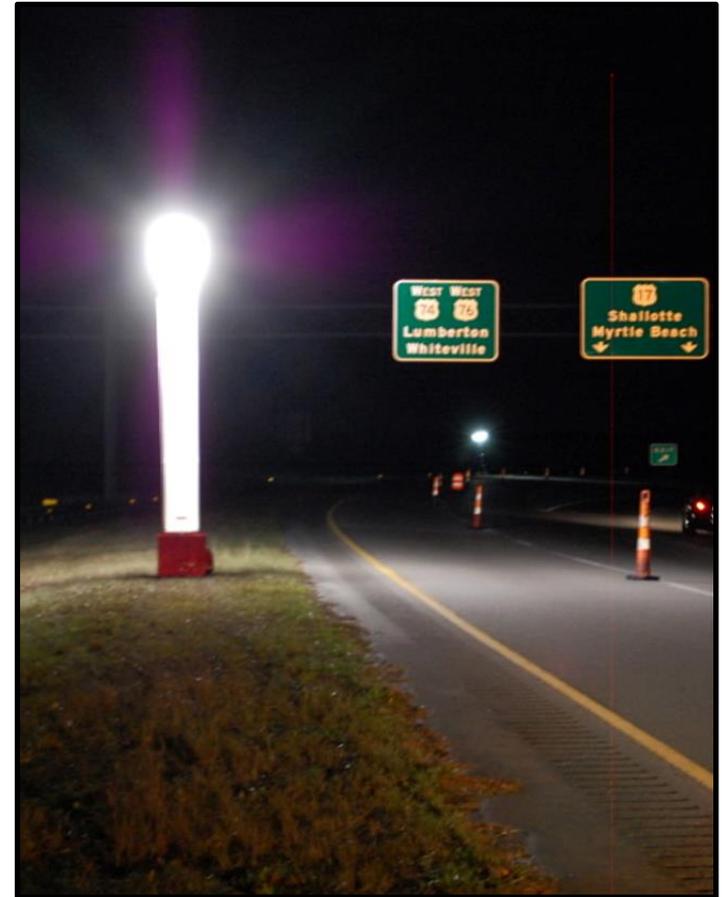
Consider the NCDOT Innovative Technology and Products Plan implemented

- Regularly updated Communications Plan
- Continued outreach and marketing opportunities
- Enhanced website
- Next Update will be in the Fall



# Work Zone “Presence Lighting”

- Anti-Glare Lighting System
- Installed throughout full length of the lane closure
- Gives driver the impression of active work zone
- Not meant for illuminating all of work zone or replacing contractor tower lighting



# Work Zone “Presence Lighting”

- Improves work zone “conspicuity” throughout full length of lane closure
- Gives drivers an idea of an active work zone
- Creates uniform speeds
- Reduces excessive speeding
- Improves worker visibility
- Improves project delivery



# Work Zone “Presence Lighting”

- First tested along US 17/74 in Wilmington
  - Baseline speeds without lights
  - Speeds with lights active
  - Types of lights
  - Shoulder offsets
- Observations
  - 57.7 mph average speed without lights
  - 51.94 mph average speed with lights
  - Closer lights are to driver the more impact
  - Lighted surface area and lumen output should dictate spacing
- Now required on all interstate lane closures

# Blended After Treatment System

- Proprietary technology owned by NCDOT
- Designed to reduce emission pollution of locomotives
- Uses selective catalytic reduction (SCR)
- Combines hot urea and engine exhaust to reduce:
  - NO<sub>x</sub>
  - HC
  - CO
  - PM
- National Award



# Blended After Treatment System

- EPA requires locomotives to be built to emission standards for year of original construction
  - F59PH locomotives: Tier 0+
- Wanted to exceed emission requirements
  - > 50% of NC's population lives within 1 hr of Piedmont corridor
  - 3<sup>rd</sup> round trip scheduled to start in 2018
  - Additional 50% added air pollution
- Researched several alternatives and SCR was most cost effective
  - \$10M for new train which meets Tier 4 standards
  - \$300k for retrofitting older train

# Blended After Treatment System

- Rail Division partnered with Rail Propulsion Systems to design and retrofit a locomotive
  - Cost \$200k
  - 84% of this cost was covered by grant funds
- Timeline
  - Mid 2015: Locomotive sent to CA
  - Mar 2016: Proof of concept completed
  - Aug 2016: Locomotive returned to service along Piedmont line
  - Oct 2016: Zero hour test
  - Early 2017: Locomotive reached 1,000 hours of service
  - Jun 2017: EPA certification is expected
  - 2019: Planned fleet-wide installation

# Blended After Treatment System

Oct 2016 Zero Hour Test Results:

		<b>NOx</b>	<b>HC</b>	<b>CO</b>	<b>PM</b>
New Locomotives	<b>BATS</b>	1.1	0.04	0.2	0.055
	<b>Tier 4</b>	1.3	0.14	1.5	0.03
	<b>Tier 3</b>	5.5	0.30	1.5	0.10
	<b>Tier 2</b>	5.5	0.30	1.5	0.10
NCDOT Current Locomotives	<b>Tier 1</b>	7.4	0.55	2.2	0.22
	<b>Tier 0</b>	8.0	1.0	5.0	0.22