



**MEETING AGENDA**  
**Monthly Meeting of the North Carolina Board of Transportation**  
 1 South Wilmington Street Raleigh, North Carolina 27601  
**May 6 - 7, 2015**

**WEDNESDAY, MAY 6, 2015**

**10:00AM – 11:30AM**

Multi-Modal Committee	EIC
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**10:30AM – 11:30AM**

Highways Committee	Room 150
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**11:30AM – 12:00PM**

Road Naming Committee	Room 160
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<b>11:30AM</b>	<b>Lunch Available</b>	<b>Breezeway</b>
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<b>12:00PM – 1:30PM</b>	<b>Working Lunch – Full Board Attendance</b>	<b>Room 150</b>
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<ul style="list-style-type: none"> <li>• 2015 – 2017 Biennial Budget (formerly EEP)</li> </ul>	Jim Stanfill
<ul style="list-style-type: none"> <li>• US 17 / US 70 Update</li> </ul>	Rob Hanson
<ul style="list-style-type: none"> <li>• Unmanned Aircraft Update</li> </ul>	Bobby Walston
<ul style="list-style-type: none"> <li>• Small Construction Funds Overview</li> </ul>	Delbert Roddenberry
<ul style="list-style-type: none"> <li>• Final Review of Draft STIP</li> </ul>	Susan Pullium

**1:30PM – 1:45PM Break**

**1:45PM – 2:45PM**

Economic Development & Intergovernmental Relations Committee	Room 150
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Funding & Appropriation Strategies Committee	EIC
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**2:45PM – 3:30PM**

Audit Committee	Room 160
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**2:45PM – 5:00PM**

General Meeting Time	Various Locations
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**NORTH CAROLINA BOARD OF TRANSPORTATION MEETING**

- **Call to Order**
- **Invocation**
- **Ethics Declaration**
- **Approval of April Board Meeting Minutes**

Chairman Curran  
 Andy Perkins  
 Chairman Curran  
 Chairman Curran

**INFORMATION AND DELEGATED AUTHORITY**

**Secretary's Remarks**

Secretary Tata

- (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

- Legislative Update
- CFO Update
- P4.0 Update
- IT Update

Bobby Lewis  
 David Tyeryar  
 Don Voelker  
 David Ulmer

**ACTION**

Chairman Curran

**Approval of Projects**

- (Item G)** Additions and Abandonments to State Secondary Road System
- (Item I)** Public Transportation Program
  - (Item I-1) Public Transportation
  - (Item I-2) Rail Program
  - (Item I-4) Aviation Program
- (Item J)** Specific State Funds for Construction Projects
- (Item K)** North Carolina Highway Trust Funds
- (Item M)** Funds for Specific Federal-Aid Projects
- (Item N)** TIP Amendments
- (Item O)** Municipal and Special Agreements
- (Item P)** Municipal Street System Changes
- (Item R)** Right of Way Resolutions and Ordinances
- (Item T)** Submission of Comprehensive Transportation Plans for Adoption

**Committee Reports**

Chairman Curran

**Other Business**

**Adjourn**

**PROJECTS LIST**  
**NORTH CAROLINA BOARD OF TRANSPORTATION**  
**RALEIGH, NORTH CAROLINA**  
**May 6 - 7, 2015**

Delegated Authority ..... Secretary Tata

(Item C) Award of Highway Construction Contracts from April 21, 2015 Letting

(Item D) Award of Contracts to Private Firms for Engineering Services

(Item E) Funds for Secondary Road Improvement Projects –  
Highway Fund and Highway Trust Fund

(Item H) Funds for Division-wide Small Construction,  
Statewide Contingency, Public Access, and Economic Development

(Item L) Funds for Specific Spot Safety Improvement Projects

Action ..... Chairman Curran

(Item G) Additions, Abandonments, and Road Name Changes to State  
Secondary Road System

(Item I) Public Transportation Program  
(Item I-1) Public Transportation  
(Item I-2) Rail Program  
(Item I-3) Bicycle and Pedestrian  
(Item I-4) Aviation

(Item J) Specific State Funds for Construction Projects

(Item K) North Carolina Highway Trust Funds

(Item M) Funds for Specific Federal-Aid Projects

(Item N) Revisions to the 2012-2020 STIP

(Item O) Municipal and Special Agreements

(Item P) Municipal Street System Changes

(Item R) Right of Way Resolutions and Ordinances

(Item S) Maintenance Allocations

(Item T) Submission of Comprehensive Transportation Plans for Mutual  
Adoption by the Board of Transportation

# **NCDOT Board of Transportation Agenda**

## **ITEM C**

**APRIL 2015**

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

HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 APRIL 21, 2015  
 DIVISION 00002

C203563  
 38496.3.FR1  
 BRNHS-0070(84)  
 CARTERET  
 B-4722B

PROPOSAL LENGTH    0.676    MILES  
 TYPE OF WORK    GRADING, DRAINAGE, PAVING, AND STRUCTURES.  
 LOCATION        BRIDGE #33 OVER NORTH RIVER ON US-70.

EST CONST PROGRESS.... FY-2015..04% OF BID  
 FY-2016..45% OF BID  
 FY-2017..32% OF BID  
 FY-2018..19% OF BID

RPN 001                      6 BIDDER(S)              DBE GOAL    3.00 %  
ESTIMATE 13,301,586.14

DATE AVAILABLE        JUN 01 2015  
 INTER COMPLETION    JUN 01 2018 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR  
 PERMANENT VEGETATION ESTABLISHMENT  
 FINAL COMPLETION    DEC 28 2018

	\$ TOTALS	% DIFF
CAROLINA BRIDGE CO., INC. ORANGEBURG, SC	14,228,682.08	+7.0
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	17,910,125.49	+34.6
PCL CIVIL CONSTRUCTORS INC RALEIGH, NC	18,814,255.00	+41.4
CAPE ROMAIN CONTRACTORS, INC. WANDO, SC	20,051,522.85	+50.7
SMITH-ROWE, LLC MOUNT AIRY, NC	20,859,193.64	+56.8
CONTI ENTERPRISES, INC EDISON, NJ	21,175,715.00	+59.2

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00004

PAGE : 2 of 15  
ITEM C

C203621  
38465.3.FD1  
BRZ-1531(5)  
WILSON  
B-4681

PROPOSAL LENGTH 0.104 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING & STRUCTURE.

LOCATION BRIDGE #119 OVER LITTLE CONTENTNEA CREEK ON SR-1531.

EST CONST PROGRESS.... FY-2015..38% OF BID  
FY-2016..62% OF BID

RPN 002 8 BIDDER(S) DBE GOAL 5.00 %

ESTIMATE 555,986.77

DATE AVAILABLE JUN 01 2015

INTER COMPLETION SEP 22 2015 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 21 2016

	\$ TOTALS	% DIFF
KEYSTONE CONTRACTING CO., INC GRIFTON, NC	485,800.00	-12.6
S. T. WOOTEN CORPORATION WILSON, NC	511,761.30	-8.0
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JOI	556,875.60	+0.2
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	559,385.00	+0.6
DELLINGER, INC. MONROE, NC	570,799.00	+2.7
DANE CONSTRUCTION, INC. MOORESVILLE, NC	578,903.25	+4.1
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	622,064.25	+11.9
T. A. LOVING COMPANY GOLDSBORO, NC	705,605.00	+26.9

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00004

PAGE : 3 of 15  
ITEM C

C203564  
42270.3.FR1  
BRSTP-0301(25)  
NASH  
B-5124

PROPOSAL LENGTH 1.321 MILES

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

LOCATION REPLACE BRIDGES 85, 141, AND 151 OVER SWIFT CREEK ON US-301.

EST CONST PROGRESS.... FY-2015..13% OF BID  
FY-2016..87% OF BID

RPN 003 6 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 5,649,762.15

DATE AVAILABLE JUN 01 2015

INTER COMPLETION MAY 15 2016 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

DEC 31 2015 COMPLETE ALL WORK REQUIRED IN STEP 1 THRU STEP 3

FINAL COMPLETION NOV 10 2016

	\$ TOTALS	% DIFF
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	5,131,945.52	-9.2
T. A. LOVING COMPANY GOLDSBORO, NC	5,593,950.00	-1.0
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	5,832,959.16	+3.2
DELLINGER, INC. MONROE, NC	5,986,003.07	+6.0
DANE CONSTRUCTION, INC. MOORESVILLE, NC	6,003,206.33	+6.3
S. T. WOOTEN CORPORATION WILSON, NC	6,004,032.14	+6.3

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00004

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PAGE : 4 of 15  
ITEM C

C203584  
47019.3.FS1  
NHPP-095-2(129)77  
JOHNSTON  
I-5303

PROPOSAL LENGTH 6.120 MILES

TYPE OF WORK PAVEMENT REHABILITATION.

LOCATION I-95 FROM JOHNSTON COUNTY LINE AT MM-77.8 TO EAST OF I-40 AT MM-84.

EST CONST PROGRESS.... FY-2015..29% OF BID  
FY-2016..71% OF BID

RPN 004 3 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 3,795,381.40

DATE AVAILABLE JUN 01 2015

FINAL COMPLETION OCT 30 2015

	\$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	3,912,791.45	+3.1
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,387,941.80	+15.6
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	4,906,951.21	+29.3

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00005

PAGE : 5 of 15  
ITEM C

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C203682  
5CR.10911.14, 5CR.20911.14  
STATE FUNDED  
VANCE

PROPOSAL LENGTH 20.300 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION US-158 BYP FROM I-85 TO GRANVILLE CO LINE, US-158 BUS FROM GRANVILLE CO LINE TO  
BEG C&G AND 4 SECTIONS OF SECONDARY RDS

EST CONST PROGRESS.... FY-2015..13% OF BID  
FY-2016..87% OF BID

RPN 005 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%  
ESTIMATE 2,936,981.79

DATE AVAILABLE JUN 01 2015

FINAL COMPLETION APR 30 2016

	\$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	2,822,429.28	-3.9
CAROLINA SUNROCK LLC RALEIGH, NC	3,298,025.35	+12.3

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00005

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PAGE : 6 of 15  
ITEM C

C203680  
5CR.10931.15, 5CR.20931.15  
STATE FUNDED  
WARREN

PROPOSAL LENGTH 38.210 MILES

TYPE OF WORK RESURFACING AND SHOULDER RECONSTRUCTION.

LOCATION NC-58 FROM FRANKLIN COUNTY LINE TO NC-43, NC-43 FROM HALIFAX COUNTY LINE TO NC-58, AND 5 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..13% OF BID  
FY-2016..87% OF BID

RPN 006 1 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%  
ESTIMATE 3,777,114.02

DATE AVAILABLE JUN 01 2015

FINAL COMPLETION APR 30 2016

	\$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	3,657,870.96	-3.2

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00006

PAGE : 7 of 15  
ITEM C

C203642  
17BP.6.R.63  
STATE FUNDED  
COLUMBUS

PROPOSAL LENGTH 0.553 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION REPLACEMENT OF 7 BRIDGES IN COLUMBUS COUNTY.

EST CONST PROGRESS.... FY-2015..04% OF BID  
FY-2016..43% OF BID  
FY-2017..31% OF BID  
FY-2018..20% OF BID  
FY-2019..02% OF BID

RPN 013 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%  
ESTIMATE 6,084,374.00

DATE AVAILABLE JUN 01 2015

FINAL COMPLETION SEP 01 2018

	\$ TOTALS	% DIFF
E.S. WAGNER COMPANY, LLC - SOUTH CA PIEDMONT, SC	5,038,195.00	-17.2
S & C CONSTRUCTION LLC GARLAND, NC	5,202,189.46	-14.5
SMITH-ROWE, LLC MOUNT AIRY, NC	5,284,582.05	-13.1
S. T. WOOTEN CORPORATION WILSON, NC	5,497,430.00	-9.6
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	7,888,900.00	+29.7

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00007

PAGE : 8 of 15  
ITEM C

C203641  
17BP.7.R.86  
STATE FUNDED  
ORANGE, GUILFORD

PROPOSAL LENGTH 0.685 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION REPLACEMENT OF 5 BRIDGES IN GUILFORD COUNTY AND 5 BRIDGES IN ORANGE COUNTY.

EST CONST PROGRESS.... FY-2015..02% OF BID  
FY-2016..41% OF BID  
FY-2017..31% OF BID  
FY-2018..21% OF BID  
FY-2019..05% OF BID

RPN 014 5 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%  
ESTIMATE 6,256,399.00

DATE AVAILABLE JUN 01 2015

FINAL COMPLETION NOV 01 2018

	\$ TOTALS	% DIFF
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	5,940,323.00	-5.1
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	6,654,405.00	+6.4
VECELLIO & GROGAN INC BECKLEY, WV	6,820,820.00	+9.0
DANE CONSTRUCTION, INC. MOORESVILLE, NC	7,141,905.00	+14.2
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	8,270,000.00	+32.2

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00007

PAGE : 9 of 15  
ITEM C

C203640  
17BP.7.R.87  
STATE FUNDED  
ORANGE, GUILFORD

PROPOSAL LENGTH 0.431 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION REPLACEMENT OF 4 BRIDGES IN GUILFORD COUNTY AND 3 BRIDGES IN ORANGE COUNTY.

EST CONST PROGRESS.... FY-2015..04% OF BID  
FY-2016..54% OF BID  
FY-2017..34% OF BID  
FY-2018..08% OF BID

RPN 015 4 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 5.00%  
ESTIMATE 3,289,140.00

DATE AVAILABLE JUN 01 2015

FINAL COMPLETION NOV 01 2017

	\$ TOTALS	% DIFF
HAYMES BROTHERS, INC. CHATHAM, VA	3,124,500.00	-5.0
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	3,152,583.00	-4.2
MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	3,284,000.00	-0.2
DANE CONSTRUCTION, INC. MOORESVILLE, NC	3,520,040.00	+7.0

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00010

PAGE : 10 of 15  
ITEM C

C203684

10CR.10131.38, 10CR.10131.39, 10CR.20131.117, 10CR.20131.118, 10CR.20131.119, 10CR.20131.120,  
10CR.20131.121, 10CR.20131.122, 10CR.20131.123, 10CR.20131.124, 10CR.20131.125, 10CR.20131.126,  
10CR.20131.127, 10CR.20131.128, 10CR.20131.129

STATE FUNDED  
CABARRUS

PROPOSAL LENGTH 22.690 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION NC-3 FROM SR-1691 TO SR-1008, US-29 FROM NC-73 TO SR-1414, AND 15 SECTIONS OF  
SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..100% OF BID

RPN 007 5 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%  
ESTIMATE 4,913,141.35

DATE AVAILABLE JUL 01 2015

INTER COMPLETION DEC 01 2015 COMPLETE ALL WORK REQUIRED ON MAP 15

FINAL COMPLETION JUN 30 2016

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	5,066,181.59	+3.1
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	5,187,299.79	+5.6
BLYTHE BROTHERS ASPHALT CO LLC CHARLOTTE, NC	5,482,845.92	+11.6
LYNCHES RIVER CONTRACTING, INC. PAGELAND, SC	5,782,949.61	+17.7
THE LANE CONSTRUCTION CORP CHESHIRE, CT	5,800,034.69	+18.1

HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 APRIL 21, 2015  
 DIVISION 00012

C203566  
 39894.3.FS1  
 IMS-77-1(177)39  
 IREDELL  
 K-4908

PROPOSAL LENGTH 1.572 MILES

TYPE OF WORK REST AREA.

LOCATION I-77 REST AREA PAIR ON NEW LOCATION AT MILE MARKER #58.

EST CONST PROGRESS.... FY-2015..04% OF BID  
 FY-2016..57% OF BID  
 FY-2017..35% OF BID  
 FY-2018..04% OF BID

RPN 008 6 BIDDER(S) DBE GOAL 11.00 %  
 ESTIMATE 15,605,589.30

DATE AVAILABLE JUN 01 2015  
 INTER COMPLETION SEP 01 2017 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR  
 PERMANENT VEGETATION ESTABLISHMENT  
 FINAL COMPLETION SEP 01 2018

	\$ TOTALS	% DIFF
JIMMY R. LYNCH & SONS, INC. PILOT MOUNTAIN, NC	15,266,347.47	-2.2
SMITH-ROWE, LLC MOUNT AIRY, NC	15,837,494.99	+1.5
BRANCH HIGHWAYS, INC. ROANOKE, VA	15,854,647.43	+1.6
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	16,568,000.00	+6.2
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	17,326,236.22	+11.0
GLF CONSTRUCTION CORPORATION MIAMI, FL	17,938,177.64	+14.9

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00012

PAGE : 12 of 15  
ITEM C

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C203679  
12CR.10021.13, 12CR.20021.20  
STATE FUNDED  
ALEXANDER

PROPOSAL LENGTH 15.408 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION US-64 FROM IREDELL COUNTY LINE TO NC-90 AND 2 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..13% OF BID  
FY-2016..87% OF BID

RPN 009 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%  
ESTIMATE 3,631,080.10

DATE AVAILABLE JUN 01 2015

FINAL COMPLETION MAY 15 2016

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	3,144,608.80	-13.4
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	3,478,013.50	-4.2
MIDSTATE CONTRACTORS, INC. HICKORY, NC	3,489,586.20	-3.9

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00012

PAGE : 13 of 15  
ITEM C

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C203677  
12CR.10181.16, 12CR.20181.23  
STATE FUNDED  
CATAWBA

PROPOSAL LENGTH 14.420 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION US-321 FROM LINCOLN COUNTY LINE TO SR-1005 BRIDGE, AND 5 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..26% OF BID  
FY-2016..74% OF BID

RPN 010 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%  
ESTIMATE 2,917,769.75

DATE AVAILABLE JUN 01 2015

FINAL COMPLETION NOV 13 2015

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	2,679,085.46	-8.2
MIDSTATE CONTRACTORS, INC. HICKORY, NC	2,928,019.25	+0.4
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	3,064,214.72	+5.0

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 21, 2015  
DIVISION 00012

PAGE : 14 of 15  
ITEM C

C203678  
12CR.10361.19, 12CR.20361.27  
STATE FUNDED  
GASTON

PROPOSAL LENGTH 21.330 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-279, NC-275, NC-273, US-321 & NC-7 AND 13 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..08% OF BID  
FY-2016..79% OF BID  
FY-2017..13% OF BID

RPN 011 4 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%  
ESTIMATE 4,217,744.55

DATE AVAILABLE JUN 01 2015

FINAL COMPLETION NOV 01 2016

	\$ TOTALS	% DIFF
ASPHALT PAVING OF SHELBY, INC. SHELBY, NC	4,051,087.20	-4.0
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	4,212,561.21	-0.1
THE LANE CONSTRUCTION CORP CHESHIRE, CT	4,554,628.35	+8.0
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION COMPANY	4,993,619.45	+18.4

HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 APRIL 21, 2015  
 DIVISION 00013

C203562  
 33217.3.FS1  
 BRNHS-221(10)  
 MCDOWELL  
 B-3673

PROPOSAL LENGTH 0.511 MILES

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

LOCATION BRIDGE #17 OVER SECOND BROAD RIVER ON US-221.

EST CONST PROGRESS.... FY-2016..53% OF BID  
 FY-2017..40% OF BID  
 FY-2018..07% OF BID

RPN 012                      7 BIDDER(S)              DBE GOAL 7.00 %  
ESTIMATE 5,496,538.97

DATE AVAILABLE              AUG 15 2015

INTER COMPLETION              OCT 01 2017 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR  
 PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION              MAR 30 2018

	\$ TOTALS	% DIFF
MILLER ENGINEERING COMPANY, INC MARION, NC	5,870,576.40	+6.8
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	5,949,546.14	+8.2
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	6,216,976.90	+13.1
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	6,297,995.00	+14.6
GLF CONSTRUCTION CORPORATION MIAMI, FL	6,514,951.86	+18.5
LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC. CHARLOTTE, NC	7,905,786.78	+43.8
DANE CONSTRUCTION, INC. MOORESVILLE, NC	8,166,349.68	+48.6

ESTIMATE TOTAL	82,428,589.29	
LETTING TOTAL	80,420,424.21	-2.4

**NCDOT May 2015  
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**

**Preconstruction**

**Roadway Design**

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

**DIVISION 3**

Project:	41582.1.1 (R-5021) Brunswick County NC 211 from SR 1500 (Midway Road) to NC 87
Description of Work:	Roadway and Hydraulic Design, Erosion Control Plans, and Transportation Management Plan
Firm:	HNTB North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$452,507.05
Previous Supplemental Fee:	\$ 16,197.07
Supplemental Fee:	\$ 76,172.99
Supplemental Work:	Roadway and hydraulic design due to revised geotechnical recommendations
SPSF Utilization:	0%

**Technical Services**

**Design Build**

The Secretary awarded a design-build contract in March 2015 for the widening of NC 63 (Leicester Highway) from SR 1615 (Gilbert Road) to SR 1004 (Newfound Road) in Buncombe County, northwest of Asheville. In accordance with the policies and procedures adopted by the Board, a design-build team who was not awarded the project can request payment of a stipend to recover part of the expense of preparation of their proposal. We have received a request for payment of the stipend to the following firms. These are for information only.

**DIVISION 13**

Project:	34909.2.FR2 (U-3301)
Firm:	Blythe Development Company, Charlotte, NC
Stipend Amount:	\$35,000.00
SPSF Utilization:	0%

**DIVISION 13**

Project: 34909.2.FR2 (U-3301)  
Firm: Wright Brothers Construction Company, Inc.,  
Charleston, TN  
Stipend Amount: \$35,000.00  
SPSF Utilization: 0%

**Chief Engineer**

**Operations**

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

**DIVISION 5**

Project: 38688.3.GVS6BA (I-0914BA) Vance County  
38688.3.GVS6BB (I-0914BB) Warren County  
I-85 from north of SR 1162 (Dabney Drive) in  
Vance County to the Virginia State Line  
Scope of Work: Construction Engineering and Inspection  
Services  
Estimated Construction Cost: \$149,400,000.00  
Firm: Volkert, Inc., Raleigh, NC  
Maximum Engineering Fee: \$18,500,000.00  
DBE/WBE/SPSF Utilization: SEPI Engineering and Construction  
\$6,475,000  
35%

**Field Support**

**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 Erosion and Sediment Control Design on an as needed basis for various federal-aid and state funded projects to support the Roadway 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: Erosion and Sediment Control Design  
Firm: HDR Engineering Inc., of the Carolinas,  
Raleigh, NC  
Maximum Engineering Fee: \$500,000.00  
SPSF Utilization: 0%

Description of Work:	Erosion and Sediment Control Design
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	Erosion and Sediment Control Design
Firm:	Sungate Design Group, PA, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization :	100%
Description of Work:	Erosion and Sediment Control Design
Firm:	ICA Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Erosion and Sediment Control Design
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Erosion and Sediment Control Design
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization :	0%
Description of Work:	Erosion and Sediment Control Design
Firm:	Ecological Engineering, LLP, Cary, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	Erosion and Sediment Control Design
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	Erosion and Sediment Control Design
Firm:	Parsons Brinckerhoff, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Erosion and Sediment Control Design
Firm:	STV/Ralph Whitehead Associates, Inc., Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Erosion and Sediment Control Design
Firm:	Kimley-Horn & Associates, Inc., Cary, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization :	0%

May 7, 2015

### Right of Way

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

#### DIVISION 3

Project: 40191.2.1 (U-4751), New Hanover County  
SR 1409 (Military Cutoff Road Extension) from  
SR 1409 (Military Cutoff Road) to US 17 North in  
Wilmington

Scope of Work: Right of Way acquisition, negotiations, legal  
services and relocation assistance

Firm: Right of Way Consultants, LLC,  
Winston-Salem, NC

Maximum Engineering Fee: \$572,099.00

DBE Utilization: 0%

Project: 40191.2.1 (U-4751), New Hanover County  
SR 1409 (Military Cutoff Road Extension) from  
SR 1409 (Military Cutoff Road) to US 17 North in  
Wilmington

Scope of Work: Right of Way acquisition, negotiations, legal  
services and relocation assistance.

Firm: Carolina Land Acquisitions, Inc., Zebulon, NC

Maximum Engineering Fee: \$410,922.50

DBE Utilization: 0%

### Turnpike Authority

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Traffic and Revenue Services on an as needed basis for various federal-aid and state funded projects to support the North Carolina Turnpike Authority. These contracts will expire three 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: Traffic and Revenue Services

Firm: Stantec Consulting Services, Inc., Charlotte, NC

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: Patriot Transportation Engineering, PLLC \$90,000.00  
3%

Description of Work: Traffic and Revenue Services

Firm: CDM Smith, Inc., Raleigh, NC

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: The Traffic Group, Inc. \$150,000.00  
5%

May 7, 2015

**NCDOT May 2015 Board of Transportation Agenda**

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

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

County	SR No.	Description	Amount
Brunswick Div. 3	SR 1115 Stone Chimney Road	Milling and Patching. WBS 3C.010099	\$45,000.00
Brunswick Div. 3	SR 1304 Pea Landing Road	Resurfacing. WBS 3C.010100	\$160,000.00
Brunswick Div. 3	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. WBS 3C.010101	\$35,000.00
Chatham Div. 8	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 8C.019033	\$340,142.27
Montgomery Div. 8	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 8C.062016	\$16,721.44
Stokes Div. 9	SR 1934 Warren Road	GDB&P. WBS 9C.085134	\$126,000.00
Avery Div. 11	SR 1515 Pilot Road	GDB&P. Increase Funds. WBS 11C.006010	\$800,000.00
Avery Div. 11	SR 1511 Roseboro Road	GDB&P. Increase Funds. WBS 11C.006033	\$10,000.00
Avery Div. 11	SR 1338 Norwood Hollow/Arnett Road	GDB&P. WBS 11C.006064	\$10,000.00
Caldwell Div. 11	SR 1152 Tara Place	GDB&P. WBS 11C.014090	\$10,000.00

**NCDOT May 2015 Board of Transportation Agenda**

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

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

County	SR No.	Description	Amount
Watauga Div. 11	SR 1137 Justus Road	GDB&P. WBS 11C.095108	\$20,000.00
Watauga Div. 11	SR 1345 BH Duncan Road	GDB&P. WBS 11C.095109	\$10,000.00
Watauga Div. 11	SR 1526A Sampson Road	GDB&P. WBS 11C.095110	\$10,000.00
Madison Div. 13	SR 1321 Lump Town Road	GDB&P. Increase Funds. WBS 13C.057109	\$17,573.68
Jackson Div. 14	SR 1573 Lewis Cove Road	GDB&P. Increase Funds. WBS 14C.050160	\$100,000.00
Jackson Div. 14	SR 1750 Luker Branch Road	GDB&P. Increase Funds. WBS 14C.050161	\$100,000.00

**Closings**

Division	County	WBS Element	Road Number / Name	Amount
Div. 5	Granville	5SP.20394.1	System Preservation. Various Routes. Increase and Close.	\$62,444.02
Div. 8	Chatham	8C.019101	GDB&P. SR 1126, Jones Road Increase and Close.	\$15,397.93

**Deletions**

County	SR No.	Reason	Amount
Anson Div. 10	SR 1236 Upper White Store Road	Reclamation and Resurfacing. Funded By Another Source. WBS 10C.004066	-\$20,000.00

**Corrections:**

Burke County WBS 13C.012154 was listed on the April 2015 BOT Agenda to Increase Funds in the amount of \$51,529.00. The correct amount should be \$51,259.00.

New Hanover County WBS 3C.065030 on the April 2015 BOT Agenda was listed as SR 1940. It should have been listed as SR 2005.

May 7, 2015

## NCDOT May 2015 Board of Transportation Agenda

### Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 1</b>				
Camden	50767	0.20	<b>Taylors Beach Landing Subdivision</b> Taylors Court	1/12/15
Perquimans	50768	0.31 0.59	<b>Bay Landing Subdivision</b> Dockery Drive Atkins Way	1/21/15
<b>Division 2</b>				
Craven	50769	0.53 0.24 0.07 0.10 0.30 0.04 0.05	<b>Hunters Ridge Subdivision</b> Staffordshire Drive Partridge Court Portsmouth Court Stafford Court Rollingwood Drive Roxboro Court Larkspar Court	1/5/15
<b>Division 3</b>				
Onslow	50770	0.04 0.21	<b>Holly Grove/Rock Creek Subdivision</b> Holly Grove Lane Holly Grove Court West	3/23/15
<b>Division 4</b>				
Wayne	50771	0.03	<b>Lancaster Pointe Subdivision</b> Clovis Court	3/24/15
<b>Division 5</b>				
Granville	50772	0.38 0.18	<b>Sterling Creek Subdivision</b> Sterling Creek Lane Aztec Lane	3/5/15
<b>Division 6</b>				
Cumberland	50773	0.37	Chipper Street	1/26/15
Harnett	50774	0.17	<b>Austin Farms Subdivision</b> Twin Fields Drive	2/17/15
Harnett	50775	0.20	<b>Beagle Run Subdivision</b> Rad Street	2/25/15
Harnett	50776	0.22 0.14	<b>Crestview Subdivision</b> Pinevalley Lane, SR 2435 Ext. Rolling Stone Court, SR 2445 Ext.	2/26/15
Harnett	50777	0.15	<b>Crownview Meadows Subdivision</b> Crownview Lane	2/17/15

May 7, 2015

## NCDOT May 2015 Board of Transportation Agenda

### Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 6</b>				
Harnett	50778		<b>Cypress Point Subdivision</b>	1/29/15
		0.19	Olde Cypress Point	
		0.11	Highgreen Point	
		0.06	Honey Brook Court	
Harnett	50779		<b>Mamie Bell Ridge Subdivision</b>	2/11/15
		0.35	Mamie Ferguson Drive	
		0.25	Marvin Ferguson Drive	
		0.06	Mamie Bell Circle	
<b>Division 7</b>				
Guilford	50780		<b>David E. Brookbank Subdivision</b>	3/16/15
		0.10	Ruffin Road	
Guilford	50781		<b>Glass Acres Subdivision</b>	3/16/15
		0.16	Weslayan Drive	
<b>Division 8</b>				
Chatham	50782		<b>River Forest Subdivision</b>	3/3/15
		0.25	Mint Springs Road	
Chatham	50783		<b>Olde Thompson Creek Subdivision</b>	2/6/15
		0.12	Goldfinch Lane	
		0.07	Songbird Court	
Hoke	50784		<b>Anderson Place Subdivision</b>	3/5/15
		0.19	Sandy Bottom Lane	
Hoke	50785		<b>Lockhaven Estates Subdivision</b>	3/23/15
		0.25	Lockhaven Place	
Randolph	50786		<b>Betty McGee Subdivision</b>	3/10/15
		0.19	Betty McGee Drive	
Randolph	50787		<b>Stoney Brook Subdivision</b>	3/3/15
		0.19	Greenview Drive, SR 2963 Ext.	
<b>Division 9</b>				
Davie	50788		<b>Butner Century Place Subdivision</b>	4/2/15
		0.13	McGee Court	
Davie	50789		<b>Quail Hollow Subdivision</b>	3/23/13
		0.04	Longreen Court	

May 7, 2015

## NCDOT May 2015 Board of Transportation Agenda

### Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 10</b>				
Cabarrus	50790	0.36	Fortune Avenue NW	2/23/15
Union	50791		<b>Shannon Vista Subdivision</b>	2/1/15
		0.13	Verrazano Drive, SR 3842 Ext.	
		0.07	Palazzo Drive	
		0.15	Marchetti Drive	
<b>Division 12</b>				
Gaston	50792		<b>Abbingon Subdivision</b>	3/20/15
		0.42	Abbingon Way	
		0.13	London Lane	
Iredell	50793		<b>Lake Norman Airpark</b>	12/18/14
		0.10	Hughes Lane	
<b>Division 14</b>				
Henderson	50794		<b>The Villas at Singleton Center Subdivision</b>	3/17/15
		0.18	Linda Ann Drive	

### Road Abandonments:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 2</b>				
Craven	50795	0.11	Portion of SR 1635 Brick Kiln Road	10/2/14
<b>Division 3</b>				
Brunswick	50796	0.07	Portion of SR 1354 Friendship Road	3/9/15

### Corrections:

Brunswick County – SR 1199, Cedar Landing Road was added via BOT Agenda Petition 10990 for 0.22 miles. The correct mileage should be 0.18 miles.

**NCDOT MAY 2015 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.**

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 3 Pender	Town of Surf City – Pave drive from bays to Deer Run Rd ROW at volunteer Fire Dept  WBS 44433	Public Access  <u>TOTAL</u>	\$15,000.00  <u>\$15,000.00</u>
Div 4 Nash	WBS 75007 was established (10/12) for the construction of round-abouts and a connector road connecting the central campus to SR 1770 (Eastern Ave) at Nash Community College Increase and close	Contingency  <u>TOTAL</u>	\$23,870.00  <u>\$23,870.00</u>
Div 6 Cumberland	Construction of turn lanes on SR 1714 (River Rd) at the new intersection created by the relocation of SR 1730 (Underwood Rd)  WBS 44412	Econ Development  <u>TOTAL</u>	\$250,000.00  <u>\$250,000.00</u>
Div 6 Columbus	Town of Boardman – Perform drainage maintenance, asphalt patching, and resurface Ivey Rd  WBS 44435	Contingency  <u>TOTAL</u>	\$75,000.00  <u>\$75,000.00</u>
Div 7 Alamance	Grade, drain, base, and pave SR 2124 (Governor Scott Rd) to Industrial Roads standards from SR 2123 (Cherry Lane) to SR 2125 (Kimrey Rd) WBS 44425	Econ Development  <u>TOTAL</u>	\$750,000.00  <u>\$750,000.00</u>
Div 7 Alamance	City of Burlington – Construction of a right turn lane on Forestdale Dr (non-system) at US-70 (S Church St), extension of existing left turn lane on Forestdale Dr and signal modification at intersection WBS 44450	Small Construction  <u>TOTAL</u>	\$143,000.00  <u>\$143,000.00</u>

**NCDOT MAY 2015 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 7 Guilford	Reopen Old Stage Coach Trail (SR 2145) between Ballinger Rd (SR 2181) and North Chimney Rock Rd (SR 2492) Other funding: \$600,000 (FY 2016 Econ Development) WBS 44449	Econ Development  TOTAL	\$600,000.00  \$600,000.00
Div 8 Chatham	WBS 42394 was established (07/10) for safety improvements on Corinth Rd near Uniboard Facility Increase funds	Contingency  TOTAL	\$75,000.00  \$75,000.00
Div 9 Forsyth	City of Winston Salem – WBS 44168 was established (04/14) for the installation of a left turn lane on SR 1525 (Yadkinville Rd) at SR 1310 (Transou Rd) Increase funds	Small Construction  TOTAL	\$142,000.00  \$142,000.00
Div 11 Caldwell	City of Lenoir – Extend left turn lane and construct right turn lane on SR 1523 (Nuway Circle) at US-321 WBS 44461	Small Construction  TOTAL	\$149,000.00  \$149,000.00
Div 13 Rutherford	Pave driveway to bay doors for new Shiloh- Danieltown-Oakland VFD on SR 1112 (WV Thompson Rd)  WBS 44438	Public Access  TOTAL	\$16,730.00  \$16,730.00
Div 14 Henderson	Installation of actuated emergency traffic signal on US-64 at Edneyville Fire and Rescue  WBS 44426	Contingency  TOTAL	\$65,000.00  \$65,000.00
Div 14 Henderson	Pave drive to Bat Cave VFD located on US-74  WBS 44432	Public Access  TOTAL	\$15,100.00  \$15,100.00

**NCDOT MAY 2015 BOARD OF TRANSPORTATION AGENDA  
Funds Request  
Division-wide Small Construction, Statewide Contingency,  
Public Access, Economic Development**

**Deletions:**

Div 5, Durham County – WBS 41720 was established (09/07) to replace twin 48" pipes on US-15/501 between James St and Woodridge Dr with twin corrugated pipe arches, to be administered and constructed by the City; City not moving forward with project

Div 13, McDowell County – WBS 37923 was established (02/04) to construct Industrial Access Road extending from SR 1168 (Ashworth Road) for approximately 0.68-miles; Company did not locate to this site

<b>Summary:</b>	<b>Number of Projects</b>	<b>13</b>
	<b>Number of Divisions</b>	<b>9</b>
	<b>Small Construction Commitment</b>	<b>\$434,000.00</b>
	<b>Contingency Commitment</b>	<b>\$238,870.00</b>
	<b>Economic Development Commitment</b>	<b>\$1,600,000.00</b>
	<b>Public Access Commitment</b>	<b>\$46,830.00</b>
	<b>TOTAL</b>	<b>\$2,319,700.00</b>

NCDOT MAY 2015 BOARD OF TRANSPORTATION AGENDA  
PUBLIC TRANSPORTATION DIVISION

5311 - State Admin ADTAP			
11, 13, 14	<p>16-CT-XXX The State may use up to 10 percent of its ADTAP program funds to administer the program and provide technical assistance to sub-recipients. Title (49 U.S.C. 5311 (c) (2)) authorizes the Appalachian Development Public Transportation Assistance Program (ADTAP), which allocates funds by statutory formula. This new program is funded to provide additional funding to States in the Appalachian Region of the United States The 10 percent apportionment will aid the state in providing technical assistance with projects that enhance access to health care, shopping, education, employment, public services, and recreation. Eligible rural sub-recipients include the following 29 counties: Alexander, Alleghany, Ashe, Avery, Buncombe, Burke, Caldwell, Cherokee, Clay, Davie, Forsyth, Graham, Haywood, Henderson, Jackson, McDowell, Macon, Madison, Mitchell, Polk, Rutherford, Stokes, Surry, Swain, Transylvania, Watauga, Wilkes, Yadkin, and Yancey.</p>	Admin	
		\$144,710	Total
		\$144,710	Federal
		\$0	State
		\$0	Local
5311- Community Transportation Program (Amendment)			
14	<p>15-CT-027-01 Macon County will need additional administrative funds for providing community transportation services to human service agencies and to the general public. Amount approved by the Board of Transportation in March 2014 in the total amount of \$176,462 differed from their original application. This amendment will adjust the agreement to match the application. The corrected totals are: \$189,531 total, \$151,624 Federal, \$9,476 State, \$28,431 Local.</p>	Administrative	
		\$11,123	Total
		\$8,898	Federal
		\$556	State
		\$1,669	Local

<b>Advanced Technology Grants - State Funded</b>								
3	<p><b>16-AT-001 Cape Fear Public Transportation</b> will use funds to install an interface between the farebox collection system and the AVL system for all fixed route vehicles. The interface will provide critical passenger data that will be used to make planning and operation decisions to improve the current service. The interface will provide ridership counts at specific stops and demographics at each boarding location.</p>	<b>Capital</b>						
		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right; width: 50%;">\$25,000</td> <td>Total</td> </tr> <tr> <td style="text-align: right;">\$0</td> <td>Federal</td> </tr> <tr> <td style="text-align: right;">\$22,500</td> <td>State</td> </tr> <tr> <td style="text-align: right;">\$2,500</td> <td>Local</td> </tr> </table>	\$25,000	Total	\$0	Federal	\$22,500	State
\$25,000	Total							
\$0	Federal							
\$22,500	State							
\$2,500	Local							
5	<p><b>16-AT-103 City of Durham</b> will use funds to purchase and install an automated calling system (IVR) to notify demand response passengers of their arriving trip and/or delays, and will allow passengers to cancel their trip automatically. The new calling system will reduce call volume, improve call response time, improve customer satisfaction and increase efficiency.</p>	<b>Capital</b>						
		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right; width: 50%;">\$250,000</td> <td>Total</td> </tr> <tr> <td style="text-align: right;">\$0</td> <td>Federal</td> </tr> <tr> <td style="text-align: right;">\$225,000</td> <td>State</td> </tr> <tr> <td style="text-align: right;">\$25,000</td> <td>Local</td> </tr> </table>	\$250,000	Total	\$0	Federal	\$225,000	State
\$250,000	Total							
\$0	Federal							
\$225,000	State							
\$25,000	Local							
6	<p><b>16-AT-004 City of Fayetteville</b> will use funds to purchase and install facility security camera monitoring system in the new multi-modal transit center. The security camera system will allow FAST to monitor activity inside and outside of the center at all times, helping to ensure a safe environment for passengers and employees.</p>	<b>Capital</b>						
		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right; width: 50%;">\$188,225</td> <td>Total</td> </tr> <tr> <td style="text-align: right;">\$0</td> <td>Federal</td> </tr> <tr> <td style="text-align: right;">\$169,402</td> <td>State</td> </tr> <tr> <td style="text-align: right;">\$18,823</td> <td>Local</td> </tr> </table>	\$188,225	Total	\$0	Federal	\$169,402	State
\$188,225	Total							
\$0	Federal							
\$169,402	State							
\$18,823	Local							
10	<p><b>16-AT-102A City of Charlotte (CATS)</b> will use funds to upgrade the Light Rail Vehicle (LRV) passenger counting hardware and software for 44 vehicles. The central database and computers will be upgraded and hardware will be upgraded to use a newer version of Windows. The upgrade will allow CATS to continue to provide sound information on ridership.</p>	<b>Capital</b>						
		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right; width: 50%;">\$132,823</td> <td>Total</td> </tr> <tr> <td style="text-align: right;">\$0</td> <td>Federal</td> </tr> <tr> <td style="text-align: right;">\$119,540</td> <td>State</td> </tr> <tr> <td style="text-align: right;">\$13,283</td> <td>Local</td> </tr> </table>	\$132,823	Total	\$0	Federal	\$119,540	State
\$132,823	Total							
\$0	Federal							
\$119,540	State							
\$13,283	Local							
10	<p><b>16-AT-102B City of Charlotte (CATS)</b> will use funds to upgrade its traditional magnetic strip payment system with equipment capable of processing payment chip cards that contain an embedded microprocessor payment system and make them Euro MasterCard Visa (EMV) compliant. This offers strong security features beyond traditional magnetic strips. 45 machines and register systems will be updated to meet to an October 2015 requirement for US merchants.</p>	<b>Capital</b>						
		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right; width: 50%;">\$120,000</td> <td>Total</td> </tr> <tr> <td style="text-align: right;">\$0</td> <td>Federal</td> </tr> <tr> <td style="text-align: right;">\$108,000</td> <td>State</td> </tr> <tr> <td style="text-align: right;">\$12,000</td> <td>Local</td> </tr> </table>	\$120,000	Total	\$0	Federal	\$108,000	State
\$120,000	Total							
\$0	Federal							
\$108,000	State							
\$12,000	Local							

<b>Travelers Aid Program - State Funded</b>			
3	<b>16-TA-009 Domestic Violence Shelter and Services, Inc.</b> will use funds to help individuals/families who have to leave their homes because of violence. Often it is not safe for these individuals/families to remain in the Wilmington area for fear of continued violence or harm. Funds will allow the agency to help victims relocate to a safer place.	<b>Admin</b>	
		\$3,000	Total
		\$0	Federal
		\$1,500	State
		\$1,500	Local
5	<b>16-TA-063 Wake County Human Services</b> will use funds to assists individuals and families who are in transition or crisis and are disconnected from their support systems. Travelers Aid provides a resource to people who are homeless, unemployed, have serious medical issues, or are in a domestic violence situation connect with family or friends who can help support them in their current time of need.	<b>Admin</b>	
		\$15,000	Total
		\$0	Federal
		\$7,500	State
		\$7,500	Local
10	<b>16-TA-005 Community Link, Programs of Travelers Aid of Central Carolinas, Inc.</b> will use funds to provide discounted Greyhound vouchers to assist individuals escaping domestic violence, homeless due to recently being released from jail, or experiencing a major medical crisis who need relocation to a safe, stable, and supportive home	<b>Admin</b>	
		\$39,000	Total
		\$0	Federal
		\$19,500	State
		\$19,500	Local
<b>State NCDOT Intern/Apprentice Program</b>			
5	<b>16-DG-014 The City of Durham</b> requests an apprentice to work with Durham Area Transit Authority. The Apprentice will assist the Senior Transportation Planner in the oversight of a number of transit-related procurements of various transit items including fleet purchases, amenities, as well as transit related services, making sure the City is in compliance with all State and Federally mandated procurement policies and procedures. The Apprentice will work with the Paratransit contractor and City of Durham staff to review and authenticate data compilation, service and billings information provided by the ADA providers including Taxi Operators to assure accuracy and also to verify that the service actually occurred.	<b>Operating</b>	
		\$34,400	Total
		\$0	Federal
		\$30,960	State
		\$3,440	Local

5	<p><b>16-DG-046 Durham County</b> requests an apprentice to work with Durham Area Transit Authority. The Apprentice will engage in daily activities intended to provide and equip the Apprentice with the basic tools necessary to provide a strong foundation to running a demand response transportation system. The targeted areas include hands on experience in administration, grants and financial management (policies &amp; procedures), technology, community outreach and advocacy and marketing. Working with the Transportation Program Manager, the primary work to be performed will include learning about the types of grants policies and processes.</p>	<b>Operating</b>	
		\$37,498	Total
		\$0	Federal
		\$33,748	State
		\$3,750	Local
6	<p><b>16-DG-012 City of Fayetteville</b> requests an apprentice to work with Fayetteville Area System of Transit (FAST). FAST will be undergoing major operational changes over the next 24 months. This provides an excellent opportunity for an apprentice to learn about all aspects of a Transit System. The apprentice will focus on Transit Operations, specifically relating to route and bus stop location analysis, but will have the opportunity to observe and assist will all segments of the department.</p>	<b>Operating</b>	
		\$37,497	Total
		\$0	Federal
		\$33,747	State
		\$3,750	Local
5, 7	<p><b>16-DG-026 Research Triangle Regional Public Transportation Authority</b> requests an apprentice to work with Regional Services Development Department. The apprentice will provide ancillary work as new services are implemented over the next year - these new services include NCDOT Fortify routes and planned TTA route expansions. In addition to these projects, other work entails prioritizing a bus stop and amenities inventory and mapping the findings. The work to be performed by the apprentice will be integrated into daily operations and go toward improving the overall efficiency and service for Triangle Transit.</p>	<b>Operating</b>	
		\$32,432	Total
		\$0	Federal
		\$29,188	State
		\$3,244	Local

7, 9	<p><b>16-DG-025 The Piedmont Authority for Regional Transportation</b> seeks approval for the Public Transportation Apprenticeship Program to assist with promoting the organization's Transportation Demand Management (TDM) program. The apprentice will assist with employment outreach, branding the newly established call center and developing the FY 17 Marketing Plan to the benefit of commuters and organizations within the 10-county region.</p>	<b>Operating</b>	
10	<p><b>16-DG-024 City of Charlotte</b> is requesting an apprentice. The apprentice will focus on various aspects of the day-to-day operations of CATS' Finance Division, including learning about the daily financial operations necessary to run the largest transit agency in North Carolina.</p> <p>The apprentice's daily tasks will include:</p> <ul style="list-style-type: none"> <li>• Assisting in coordinating the Annual National Transit Database Reports for the system; and</li> <li>• Working on financial projects under the guidance of the Chief Financial Officer, the Budget Manager, Transit Budget Supervisor and Transit Grant Supervisor.</li> </ul>	<b>Operating</b>	
10	<p><b>16-DG-024A City of Charlotte</b> is requesting an apprentice The Charlotte Area Transit System (CATS) will offer an Apprentice the unique opportunity to work on highly specialized elements of an existing Light Rail system that utilizes modern technologies and is actively integrating new technologies through ongoing rail expansion projects. The Apprentice will work alongside other trained staff in researching, designing, implementing and testing improvements to the existing rail system. The Apprentice will also take part in reviewing expansion project documentation, participating in construction and testing activities, and learning about the systems integration and commissioning process.</p>	<b>Operating</b>	
		\$37,498	Total
		\$0	Federal
		\$33,748	State
		\$3,750	Local
		\$34,525	Total
		\$0	Federal
		\$31,072	State
		\$3,453	Local

10	<p><b>16-DG-024B City of Charlotte</b> is requesting an apprentice. The Apprentice will have the opportunity to assist with the department's focus on creating a Safety Culture rather than just a Safety Program. They will be able to learn from staff with many years of experience at both the local and Federal levels. The individual will work with Safety and Security staff to get fully acquainted in how monthly incident/crime statistics are aggregated from multiple sources into a coherent and accurate report.</p>	<b>Operating</b>	
		\$34,525	Total
		\$0	Federal
		\$31,072	State
		\$3,453	Local
13	<p><b>16-DG-071 The City of Asheville</b> is requesting an apprentice. The apprentice will be placed within the Transportation Planning Management Division of the City of Asheville's Transportation Department. This Division is responsible of all transit planning in the City of Asheville along with managing and overseeing transit operations. The apprentice will work closely with the Division Manager in tasks related to city transit specific projects as well as other multimodal projects. This apprenticeship will provide the student with an opportunity to be intimately involved in public transportation planning by improving multimodal and sustainability option for City residents and visitors.</p>	<b>Operating</b>	
		\$37,498	Total
		\$0	Federal
		\$33,748	State
		\$3,750	Local

Item I - 1 Summary, 19 Projects, Total Federal/State/Local \$1,249,279

**ADDITIONS to the Transit 2012-2018 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TA-5172	Tar River Transit	Purchase Replacement Buses	FUZ	5307	2160						
			Local	L	540						
TO-5205	Piedmont Authority for Regional Transportation – High Point MPO	Operating Assistance	FUZ	5307	350						
			Local	L	350						
TA-5173	Rider Transit/Concord	Purchase Replacement Buses	FUZ	5307	1353						
			Local	L	277						
TA-5170	High Point/Hi Tran	Purchase Replacement Buses	FUZ	5307	5600						
			Local	L	1400						
TA-5171	Cape Fear Transportation Authority	Purchase Replacement Buses	FUZ	5307	1489						
			Local	L	372						
TC-5010	Watauga County	Operating	ADTAP	5311		453					
			Local	L		453					
TC-5011	Watauga County	Capital	ADTAP	5311		120					
			Local	L		30					
TC-5012	Macon County	Operating	ADTAP	5311		19					
			Local	L		19					
TC-5013	Macon County	Capital	ADTAP	5311		220					
			Local	L		55					
TC-5014	Clay County	Operarting	ADTAP	5311		61					
			Local	L		61					
TC-5015	Western Piedmont Regional Transit Authority	Operating	ADTAP	5311		90					
			Local	L		90					
TM-6155	Statewide	Operating Funding for existing projects statewide	JARC	5316		175					
			Local	L		175					
TK-4902	Statewide	State Administration of Appalachian Development Transportation Assistance Program	ADTAP	5311		145					

MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TA-5144	Durham Area Transit	Purchase Replacement Buses	FBUS	5339		640					
			Local	L		160					
TA-5145	Durham Area Transit Authority	Purchase Replacement Buses and Paratransit Vehicles	FBUS	5339	78	260					
			Local	L	20	66					
TA-4923	Durham Area Transit Authority	Replacement of batteries, bus refurbishment, purchase of replacement paratransit vehicles and purchase of replacement buses	STPDA	STPDA	712	3226					
			Local	L	179	806					
TA-5019A	Durham Area Transit Authority	Purchase of 4 replacement paratransit vans and 3 expansion paratransit vans	STPDA	STPDA	266	287					
			Local	L	67	71					
TO-5138	Rider Transit/Concord	Operating Assistance	FUZ	5307	2512	1300	1300	1300	1300	1300	1300
			Local	L	2312	1100	1100	1100	1100	1100	1100
			SMAP	S	313	313	313	313	313	313	313
TO-4733	Western Piedmont Regional Transit Authority	Operating Assistance	FUZ	5307	1950	1500	1500	1500	1500	1500	1500
			Local	L	1746	1296	1296	1296	1296	1296	1296
			SMAP	S	204	204	204	204	204	204	204
TN-6123	Macon County	Operating Assistance	FNF	5317		20					
			Local	L		20					
TQ-6915	City of Rocky Mount	Operating Assistance	FEPD	5310		50					
			Local	L		50					
TQ-9024	Davidson County	Capital-Purchase of Service	FEPD	5310		200					
			State	S		25					
			Local	L		25					
TA-6664	Alamance County Transportation	Capital	FEPD	5310		207					
			State	S		26					
			Local	L		26					
TQ-9012	Johnston County Industries, Inc.	Operating	FEPD	5310		92					
			Local	L		92					

TQ-8006	Macon County	Capital	FNF	5317		7				
			State	S		1				
			Local	L		1				
TN-6116	Wake County	Operating	FNF	5317		60				
			Local	L		60				
TN-6117	Wake County	Capital – Mobility Management	FNF	5317		60				
			State	S		8				
			Local	L		8				

**DELETIONS to the Transit 2012-2018 STIP**

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)
TA-6663	Senior Care Connections	Capital	FEPD	5310		\$2				
			State	S		\$0				
			Local	L		\$0				
TQ-8009	Senior Care Connections	Capital-Mobility Management	FEPD	5310		\$22				
			State	S		\$28				
			Local	L		\$28				
TQ-6917	Senior Care Connections	Operating	FEPD	5310		\$11				
			Local	L		\$11				

Item I-1A, 30 Projects, Total Federal/State/Local funds \$61,535,000

**NCDOT May 2015 Board of Transportation Agenda**

**Rail Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide	The Rail Division requests Board approval of State Rail funds to equip the Department's eight locomotives with Positive Train Control (PTC) radios and the necessary hardware and software in order that this equipment may be in operation by December 31, 2015. CSX Transportation Inc. (CSXT) and Norfolk Southern Railway Company (NS) will control the PTC signal and dispatching systems for the Department's Piedmont passenger trains. The Department must use this PTC equipment in order to ensure full inter-operability with CSXT and NS systems. Congress and the Federal Railroad Administration have mandated that all passenger railroad locomotives be equipped with PTC radios to provide communications between the host railroad's PTC support system and the passenger trains. One spare radio set must also be ordered to support the locomotives due to the long lead time for radio repairs and/or replacement. In addition to the nine radios, the Department must also pay for Federal Communications Commission (FCC) licenses, testing, qualifications, taxes, and freight. The Department shall participate in 100% of actual costs not to exceed \$1,375,000.	\$1,375,000
Statewide	The Rail Division requests Board approval of State Rail funds to finance approximately 20 station attendants until June 30, 2018. Station attendants are provided at non-Amtrak staffed stations, which include Kannapolis, Salisbury, High Point, Burlington, and Selma.	\$1,500,000
Division 4 Nash County	The Rail Division requests Board approval of State Rail funds for the design and construction of a northbound automatic signal cantilever on the CSX Transportation Inc. (CSXT) A-line in Rocky Mount (milepost A-119.5). This automatic signal for passenger trains stopped at the Rocky Mount Amtrak platform. The Department will perform any necessary work in compliance with the National Environmental Policy Act (NEPA) to support the funding of the improvements and will enter into agreements with CSXT to reimburse for the preliminary engineering and construction work. The Department shall participate in 100% of actual costs not to exceed \$875,000.	\$875,000

Division 12 Cleveland County	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to partially finance the costs of constructing rail industrial access track to serve Project Mariner (Company). The Company is considering construction of a new facility in Cleveland County and proposes to hire 400 employees while investing over \$300 million. They anticipate shipping 75 carloads of rail freight per year and require rail access in order to choose the Cleveland County site for the facility. Funding is contingent on a completed Rail Industrial Access application, an environmental review, a construction schedule that complies with grant requirements, Rail Industrial Access Program/FRRCSI requirements, and implementation of transportation improvements necessary to protect the safety of contractors and employees of the Company. The Department shall participate in 45% of actual costs not to exceed \$200,000.	\$200,000
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**ITEM I-2 SUMMARY – 4 PROJECTS – (TOTAL STATE) \$3,950,000**

**NCDOT May 2015 Board of Transportation Agenda**

**Bike & Pedestrian Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
	There will be no items presented for approval at the May 7, 2015 Board of Transportation meeting.	

**ITEM I-3 SUMMARY – NO PROJECTS - (TOTAL FEDERAL, STATE AND LOCAL) \$ 0.00**

**NCDOT May 2015 Board of Transportation Agenda**

**Aviation Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Greenville, NC Pitt County Division 2	RSA & Runway Extension, Land Acquisition, Utilities (Modification)	\$100,000	Total
		\$50,000	State
		\$50,000	Local
Henderson, NC Granville County Division 5	Runway Lighting Rehabilitation	\$380,000	Total
		\$342,000	State
		\$38,000	Local
Burlington, NC Alamance County Division 7	Land Acquisition & Runway Extension Reimbursement	\$1,100,000	Total
		\$1,100,000	State
		\$0	Local
Asheboro, NC Randolph County Division 8	Apron Rehabilitation	\$590,000	Total
		\$531,000	State
		\$59,000	Local
Siler City, NC Chatham County Division 8	Rehabilitate Runway 4-22, Taxiway Turnarounds & Apron	\$2,725,770	Total
		\$2,453,193	State
		\$272,577	Local
Winston-Salem, NC Forsyth County Division 9	Drainage Improvements (Construction)	\$212,000	Total
		\$190,800	State
		\$21,200	Local
North Wilkesboro Wilkes County Division 11	Apron Rehabilitation – Change Order	\$73,634	Total
		\$66,270	State
		\$7,364	Local
Mount Airy Surry County Division 11	Runway & Taxiway Extension – Site Preparation	\$2,400,000	Total
		\$2,160,000	Fed
		\$240,000	Local

**ITEM I-4 SUMMARY – 8 PROJECTS - (TOTAL FEDERAL, STATE AND LOCAL) \$ 7,581,404**

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Specific State Funds for Construction Projects  
(For projects previously identified as Specific State Funds for Construction projects)**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
New Hanover Co. Div. 3 U-3831A DIVISION	WBS 34985.1.2 SR 2048 (Gordon Road) from NC 132 interchange ramp to SR 2270 (Wood Sorrell Road). \$270,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
Statewide M-0219 STATEWIDE	WBS 35511 Statewide - Aerial Photography for projects which cannot be forecasted or for which there is an urgent need. \$1,756,984.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
<b>ITEM J SUMMARY</b>	<b>2 PROJECTS</b>	<b>\$750,000.00</b>

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Camden/ Currituck Cos. Div. 1 R-5717 DIVISION	WBS 50213.1.1 SR 1227 / SR 1208 (South Mills Road) SR 1224 / SR 1223 (Old Swamp Road) from NC 343 in Camden County to the proposed NC 168 Bypass in Currituck County. Initial funds are requested for preliminary engineering.	\$750,000.00
Martin Co. Div. 1 R-3826 DIVISION	WBS 34553.1.2 NC 125 from SR 1182 (East College Road) to NC 125 northwest of Williamston. Initial funds are requested for preliminary engineering.	\$40,000.00
Northampton Co. Div. 1 R-5739 DIVISION	WBS 50197.1.1 NC 46 from NC 48 in Gaston to the Virginia state line. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Beaufort Co. Div. 2 U-5860 DIVISION	WBS 46386.1.1 SR 1306 (15th Street), from US 17 Business (Carolina Avenue) to Brown Street. Initial funds are requested for preliminary engineering.	\$600,000.00
Carteret Co. Div. 2 R-5727 DIVISION	WBS 50219.1.1 SR 1176 (Bridges St. Ext), from SR 1738 (Bridges Street) to SR 1147 (McCabe Road). Initial funds are requested for preliminary engineering.	\$750,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Lenoir Co. Div. 2 R-5703 REGIONAL	WBS 46375.1.1 NC 148 (Harvey Parkway), NC 58 to NC 11. Initial funds are requested for preliminary engineering.	\$750,000.00
Pitt Co. Div. 2 U-5785 DIVISION	WBS 44357.1.1 SR 1708 (Firetower Road) from NC 43 (Charles Boulevard) to SR 1704 (Fourteenth Street). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Brunswick Co. Div. 3 U-5788 DIVISION	WBS 44360.1.1 US 17 Business (Main Street) from SR 1173 (Village Road) to Wall Street. Initial funds are requested for preliminary engineering.	\$750,000.00
New Hanover Co. Div. 3 U-3831 DIVISION	WBS 34985.1.4 SR 2048 (Gordon Road) from SR 2270 (Wood Sorrell Road) to west of US 17 (Market Street). Initial funds are requested for preliminary engineering.	\$500,000.00
New Hanover Co. Div. 3 U-5734 REGIONAL	WBS 54024.1.1 US 421 (South Front Street) from US 17 Business / US 76 / US 421 (Cape Fear Memorial Bridge) to US 421 (Burnett Boulevard). Initial funds are requested for preliminary engineering.	\$1,000,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
New Hanover Co. Div. 3 U-5790 DIVISION	WBS 44362.1.2 US 421 (Carolina Beach Road) from NC 132 (South College Road) to Sanders Road. Initial funds are requested for preliminary engineering.	\$500,000.00
New Hanover Co. Div. 3 U-5863 REGIONAL	WBS 46388.1.1 NC 133 from I-140/US 17, Wilmington Bypass to SR 1310 (Division Drive). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Onslow Co. Div. 3 U-5733 REGIONAL	WBS 51076.1.1 NC 111 (Catherine Lake Road) from US 258 (Richlands Highway) to SR 1308 (Gum Branch Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Onslow Co. Div. 3 U-5735 REGIONAL	WBS 54025.1.1 US 17 (Wilmington Highway) at SR 1130 (Old Maple Hurst Road). Construct interchange. Initial funds are requested for preliminary engineering.	\$600,000.00
Onslow Co. Div. 3 U-5736 REGIONAL	WBS 54026.1.1 NC 53 (Western Boulevard) from US 17 (Marine Boulevard) to NC 24 (Lejeune Boulevard). Initial funds are requested for preliminary engineering.	\$600,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Onslow Co. Div. 3 U-5741 REGIONAL	WBS 54030.1.1 NC 24 (Lejeune Boulevard) from NC 24 Business (Johnson Boulevard) to the Jacksonville Urban Area Boundary. Initial funds are requested for preliminary engineering.	\$750,000.00
Onslow Co. Div. 3 U-5787 DIVISION	WBS 44359.1.1 SR 2715 (Trade Street) from NC 53 (Western Boulevard) to McDaniel Drive. Initial funds are requested for preliminary engineering.	\$500,000.00
Onslow Co. Div. 3 U-5791 DIVISION	WBS 44363.1.1 SR 2714 (Jacksonville Parkway) from NC 53 (Western Boulevard) to US 17 (New Bern Highway). Initial funds are requested for preliminary engineering.	\$750,000.00
Edgecombe Co. Div. 4 U-4762 DIVISION	WBS 39930.1.2 SR 1250 (Springfield Road) from US 64 alternate to SR 1243 (Leggett Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Johnston Co. Div. 4 R-3410 REGIONAL	WBS 38857.1.1 NC 42 from NC 50 to US 70 Business. Initial funds are requested for preliminary engineering.	\$1,000,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
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). Initial funds are requested for preliminary engineering.	\$100,000.00
Johnston Co. Div. 4 U-5795 DIVISION	WBS 44366.1.1 SR 2302 (Ricks Road) from US 70 to US 301. Initial funds are requested for preliminary engineering.	\$750,000.00
Nash Co. Div. 4 R-5720 DIVISION	WBS 50214.1.1 SR 1770 (Eastern Avenue) from SR 1003 (Red Oak Road) to SR 1603 (Old Carriage Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Wayne Co. Div. 4 U-4407 REGIONAL	WBS 39051.1.1 US 70 Business (Ash Street) from SR 1579 (Berkeley Boulevard) to US 70 Bypass. Initial funds are requested for preliminary engineering.	\$750,000.00
Wilson Co. Div. 4 U-5794 DIVISION	WBS 44365.1.1 SR 1309 (Bloomey Road) / SR 1382 (Packhouse Road) from NC 58 to US 264 alternate. Initial funds are requested for preliminary engineering.	\$750,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham Co. Div. 5 U-5720 STATEWIDE	WBS 46308.1.1 US 70 (Miami Boulevard) from Lynn Road to SR 1959 (South Miami Boulevard/SR 1811 (Sherron Road). Initial funds are requested for preliminary engineering.	\$2,000,000.00
Durham Co. Div. 5 U-5745 REGIONAL	WBS 50166.1.1 NC 751 (Hope Valley Road) from SR 1182 (University Drive) intersection in Durham. Initial funds are requested for preliminary engineering.	\$100,500.00
Wake Co. Div. 5 I-5873 REGIONAL	WBS 53074.1.1 I-40 and the NC 54 interchange in Raleigh. Initial funds are requested for preliminary engineering.	\$700,000.00
Wake Co. Div. 5 U-2901AC REGIONAL	WBS 34877.1.5 NC 55 (Williams Street) from US 1 to Apex Parkway. Convert current multilanes to median divided sections. Initial funds are requested for preliminary engineering.	\$800,000.00
Wake Co. Div. 5 U-5746 REGIONAL	WBS 54032.1.1 US 401 from Future NC 540 to SR 1010 (Ten-Ten Road). Initial funds are requested for preliminary engineering.	\$2,000,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 U-5747 REGIONAL	WBS 50167.1.1 NC 54 at SR 1635 (McCrimmon Parkway) in Morrisville. Initial funds are requested for preliminary engineering.	\$1,800,000.00
Wake Co. Div. 5 U-5748 REGIONAL	WBS 50168.1.1 US 401 at SR 2044 (Ligon Mill Road) / SR 2224 (Mitchell Mill Road) intersection in Raleigh. Initial funds are requested for preliminary engineering.	\$1,300,000.00
Wake Co. Div. 5 U-5749 REGIONAL	WBS 50169.1.1 NC 55 Bypass at NC 55 (East Williams Street) in Holly Springs. Intersection improvements. Initial funds are requested for preliminary engineering.	\$30,000.00
Wake Co. Div. 5 U-5750 REGIONAL	WBS 50170.1.1 NC 54 from NC 540 to Perimeter Park Drive in Morrisville. Initial funds are requested for preliminary engineering.	\$1,100,000.00
Wake Co. Div. 5 U-5811 DIVISION	WBS 44384.1.1 SR 1002 (Aviation Parkway) from NC 54 to I-40 in Morrisville. Initial funds are requested for preliminary engineering.	\$500,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 U-5825 DIVISION	WBS 44396.1.1 SR 1010 (Ten-Ten Road) from Apex Peakway to Reliance Avenue in Apex. Initial funds are requested for preliminary engineering.	\$3,000,000.00
Wake Co. Div. 5 U-5826 DIVISION	WBS 44398.1.1 SR 2000 (Falls of Neuse Road) from I-540 to SR 2006 (Durant Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Wake Co. Div. 5 U-5827 DIVISION	WBS 44400.1.1 SR 1632 (Louis Stephens Drive) from Poplar Pike Lane in Morrisville to SR 2123 (Little Drive) in Research Triangle Park. Initial funds are requested for preliminary engineering.	\$280,000.00
Durham/ Orange Cos. Div. 5/7 U-5774 REGIONAL	WBS 54037.1.1 NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham. Initial funds are requested for preliminary engineering.	\$750,000.00
Fayetteville/ Cumberland Co. Div. 6 EB-4539B DIVISION	WBS 41955.3.D2 Cape Fear River Greenway in Fayetteville Phase A from Clark Park south to the Cape Fear Botanical Gardens. \$200,000.00 has previously been approved for construction. Additional funds are requested.	\$525,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cumberland Co. Div. 6 U-5742 REGIONAL	WBS 50164.1.1 Fayetteville computerized traffic signal system. Initial funds are requested for preliminary engineering.	\$100,000.00
Cumberland Co. Div. 6 U-5802 DIVISION	WBS 44374.1.1 Spring Lake Bypass from NC 210 (Lillington Highway) to NC 87 Bragg Boulevard. Initial funds are requested for preliminary engineering.	\$1,500,000.00
Harnett Co. Div. 6 R-5705 REGIONAL	WBS 46377.1.1 NC 55, Angier northern town limit to south of SR 2791 (Kennebec Church Road). Widen to multi-lanes. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Cumberland/ Hoke Cos. Div. 6/8 U-5798 DIVISION	WBS 44369.1.1 SR 1102 (Gillis Hill Road) from US 401 (Raeford Road) to SR 1418 (Lindsay Road); Planning document for U-5798 also includes U-5707, U-5857, U-5858 and U-5753. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Alamance Co. Div. 7 U-5752 REGIONAL	WBS 51077.1.1 US 70 (S. Church Street) at St. Marks Church Road in Burlington. Intersection improvements. Initial funds are requested for preliminary engineering.	\$250,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
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. Initial funds are requested for preliminary engineering.	\$250,000.00
Alamance Co. Div. 7 U-5844 DIVISION	WBS 50234.1.1 NC 62 from SR 1430 (Ramada Road) to US 70 (Church Street) in Burlington. Initial funds are requested for preliminary engineering.	\$500,000.00
Alamance Co. Div. 7 U-5853 DIVISION	WBS 50242.1.1 SR 1301 (St. Marks Church/South Williamson Avenue) from SR 1228 (Boone Station Drive) in Burlington to east Lebanon Avenue in Elon. Initial funds are requested for preliminary engineering.	\$2,500,000.00
Guilford Co. Div. 7 R-5725 REGIONAL	WBS 50474.1.1 NC 68 at NC 150 intersection in Oak Ridge. Intersection improvements. Initial funds are requested for preliminary engineering.	\$250,000.00
Orange Co. Div. 7 U-5845 DIVISION	WBS 50235.1.1 SR 1009 (South Churton Street) from I-40 to Eno River in Hillsborough. Initial funds are requested for preliminary engineering.	\$2,500,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Orange Co. Div. 7 U-5846 DIVISION	WBS 50236.1.1 SR 1772 (Greensboro St.) at SR 1780 (Estes Drive) in Carrboro. Construct roundabout. Initial funds are requested for preliminary engineering.	\$250,000.00
Orange Co. Div. 7 U-5847 DIVISION	WBS 50238.1.1 SR 1010 (West Franklin St.) at SR 1771/SR 1927 (Merritt Mill Road) / Brewer Lane intersection in Chapel Hill and Carrboro. Initial funds are requested for preliminary engineering.	\$250,000.00
Orange Co. Div. 7 U-5848 DIVISION	WBS 50237.1.1 SR 1006 (Orange Grove Road) Extension to US 70 Business in Hillsborough. Initial funds are requested for preliminary engineering.	\$500,000.00
Orange Co. Div. 7 U-5854 DIVISION	WBS 46382.1.1 SR 1008 (Mt. Carmel Church Road) at SR 1913 (Bennett Road) in Chapel Hill. Construct roundabout. Initial funds are requested for preliminary engineering.	\$250,000.00
Rockingham Co. Div. 7 R-5704 REGIONAL	WBS 46376.1.1 NC 87 - SR 1998 (Wentworth Street) / SR 1001 (Sandy Cross Road). Initial funds are requested for preliminary engineering.	\$250,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Bertie Co. Div. 8 U-5709 DIVISION	WBS 50159.1.1 SR 1237 (Carthage Street) from SR 1152 (Fire Tower Road) to NC 42 (Wicker Street) in Sanford. Initial funds are requested for preliminary engineering.	\$1,200,000.00
Chatham Co. Div. 8 R-5724 DIVISION	WBS 50217.1.1 US 15/501 from Launis Street to Powell Place Lane in Pittsboro. Initial funds are requested for preliminary engineering.	\$650,000.00
Hoke Co. Div. 8 R-5709 REGIONAL	WBS 50205.1.1 NC 211 from US 15/501 Aberdeen to SR 1244 (West Palmer Street) / SR 1311 (Mockingbird Hill Road) in Raeford. Initial funds are requested for preliminary engineering.	\$10,000,000.00
Lee Co. Div. 8 U-5722 DIVISION	WBS 50161.1.1 US 421 Business/NC 87 from US 1/US 15/US 501 to north of SR 1514 (Bragg Street) in Sanford. Initial funds are requested for preliminary engineering.	\$3,500,000.00
Moore Co. Div. 8 R-5726 REGIONAL	WBS 50218.1.1 NC 211 from SR 1241 (Holly Grove School Road) to NC 73 in West End. Initial funds are requested for preliminary engineering.	\$4,000,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Moore Co. Div. 8 U-5756 REGIONAL	WBS 50171.1.1 NC 5 from US 1 in Aberdeen to the south city limits of Pinehurst. Initial funds are requested for preliminary engineering.	\$2,800,000.00
Moore Co. Div. 8 U-5814 REGIONAL	WBS 44387.1.1 US 15/ US 501/ NC 211 from US 1 (Sandhills Boulevard) to Brucewood Road in Aberdeen and Southern Pines. Initial funds are requested for preliminary engineering.	\$600,000.00
Randolph Co. Div. 8 U-3400 DIVISION	WBS 38996.1.1 SR 1577 - SR 1004 (Archdale Road) from SR 1567 (Robbins Country Road) to US 311 (Main Street) in Guilford County. Initial funds are requested for preliminary engineering.	\$750,000.00
Randolph Co. Div. 8 U-5308 DIVISION	WBS 47028.1.2 SR 1547 (Finch Farm Road) from south of SR 3106 (Kennedy Road) to I-85. Initial funds are requested for preliminary engineering.	\$1,800,000.00
Randolph Co. Div. 8 U-5743 REGIONAL	WBS 50165.1.1 NC 42 from Dublin Road to US 64 / NC 49 (Dixie Drive) in Asheboro. Initial funds are requested for preliminary engineering.	\$700,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Randolph Co. Div. 8 U-5770 REGIONAL	WBS 54036.1.1 I-85 at SR 1993 (South Main Street) in Archdale. Initial funds are requested for preliminary engineering.	\$225,000.00
Randolph Co. Div. 8 U-5813 REGIONAL	WBS 44385.1.3 US 64 from Asheboro Bypass to NC 49 in Asheboro. Initial funds are requested for preliminary engineering.	\$500,000.00
Randolph Co. Div. 8 U-5864 DIVISION	WBS 46389.1.1 SR 1595 (Surrett Drive), I-85 to Eden Terrace Lane. Initial funds are requested for preliminary engineering.	\$3,000,000.00
Richmond Co. Div. 8 U-5706 DIVISION	WBS 50157.1.1 SR 1903 (Mill Road) to SR 1426 (Aberdeen Road); construct two lane facility utilizing sections of SR 1923 (Broad Street), SR 1641 (Clemmer Road) and SR 1645 (Mt. Olive Church Road); remainder on new location. Initial funds are requested for preliminary engineering.	\$600,000.00
Davidson Co. Div. 9 R-5737 DIVISION	WBS 50195.1.1 US 29 / US 70 / Business 85 at SR 1798 (Old Greensboro Road). Initial funds are requested for preliminary engineering.	\$1,800,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Davidson Co. Div. 9 U-5757 REGIONAL	WBS 54035.1.1 NC 8 (Winston Road) from 9th Street to SR 1408 (Biesecker Road) in Lexington. Initial funds are requested for preliminary engineering.	\$125,000.00
Davidson Co. Div. 9 U-5786 DIVISION	WBS 44358.1.1 SR 1506 (Hickory Tree Road) from US 52/NC 8/Future I-285 to NC 150. Initial funds are requested for preliminary engineering.	\$750,000.00
Forsyth Co. Div. 9 I-5880 REGIONAL	WBS 53080.1.1 I-40/US 311 at NC 109 (Thomasville Road) /Clemmonsville Road split-diamond interchange in Winston-Salem. Upgrade interchange. Initial funds are requested for preliminary engineering.	\$335,000.00
Forsyth Co. Div. 9 U-2729 DIVISION	WBS 34853.1.2 SR 1672 (Hanes Mill Road) from Museum Drive to SR 4000 (University Parkway). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Forsyth Co. Div. 9 U-5760 DIVISION	WBS 46381.1.1 Kernersville Southern Loop, US 421/Business 40 to NC 66 (West Mountain Street) in Kernersville. Initial funds are requested for preliminary engineering.	\$2,700,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Forsyth Co. Div. 9 U-5824 DIVISION	WBS 44395.1.1 Old Hollow Road from Harley Drive to Bellaire Circle/ Whitehall Village Lane in Walkertown. Initial funds are requested for preliminary engineering.	\$1,600,000.00
Rowan Co. Div. 9 U-5738 DIVISION	WBS 50163.1.1 US 2528 (Julian Road) from US 601 (Jake Alexander Boulevard) to SR 2667 (Summit Park Drive) in Salisbury. Initial funds are requested for preliminary engineering.	\$1,100,000.00
Stokes Co. Div. 9 I-5887 DIVISION	WBS 46372.1.1 US 52 / Future I-74 at SR 1102 (Trinity Church Road) near King, (Convert existing grade separation to full-movement interchange). Initial funds are requested for preliminary engineering.	\$1,100,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579C REGIONAL	WBS 34839.1.9 Winston-Salem Northern Beltway (Eastern Section) from US 158 to US 311. Initial design funds are requested for preliminary engineering.	\$1,000,000.00
Cabarrus Co. Div. 10 R-5706 REGIONAL	WBS 46378.1.1 NC 73 (Davidson Highway) - US 29 to Poplar Tent Road, widen to multi-lanes. Initial funds are requested for preliminary engineering.	\$750,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cabarrus Co. Div. 10 U-3440 REGIONAL	WBS 39010.2.2 NC 3, proposed West Side Bypass (U-2009) to SR 1691 (Loop Road). Initial funds are requested for full right of way.	\$9,420,000.00
Cabarrus Co. Div. 10 U-5806 DIVISION	WBS 44378.1.D1 Intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 - Kings Grant Pavilion. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00
Mecklenburg Co. Div. 10 R-2632AB REGIONAL	WBS 38824.1.2 NC 73 from NC 115 to SR 2693 (Davidson-Concord Road). Initial funds are requested for preliminary engineering.	\$300,000.00
Mecklenburg Co. Div. 10 U-5007 REGIONAL	WBS 41140.1.2 NC 51 (Matthews Township Parkway) from US 74 (Independence Boulevard) to SR 3128 (Lawyers Road). Initial funds are requested for preliminary engineering.	\$600,000.00
Mecklenburg Co. Div. 10 U-5763 REGIONAL	WBS 50176.1.1 NC 51 (Matthews Township Parkway) from SR 3356 (Sardis Road) to SR 1010 (East John Street/Monroe Road). Initial funds are requested for preliminary engineering.	\$200,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mecklenburg Co. Div. 10 U-5766 REGIONAL	WBS 50179.1.1 NC160 from NC 49 (South Tryon Road) to SR 1116 (Shopton Road). Initial funds are requested for preliminary engineering.	\$600,000.00
Mecklenburg Co. Div. 10 U-5767 REGIONAL	WBS 50180.1.1 US 21 (Statesville Road) from Northcross Center Court to SR 2147 (Westmoreland Road). Initial funds are requested for preliminary engineering.	\$600,000.00
Mecklenburg Co. Div. 10 U-5771 REGIONAL	WBS 50183.1.1 US 21 from SR 2136 (Gilead Road) to Holly Point Drive. Initial funds are requested for preliminary engineering.	\$500,000.00
Mecklenburg Co. Div. 10 U-5772 REGIONAL	WBS 50184.1.1 NC 115 (Old Statesville Road) from NC 24 (Harris Boulevard) to I-485. Initial funds are requested for preliminary engineering.	\$500,000.00
Mecklenburg Co. Div. 10 U-5807 DIVISION	WBS 44379.1.1 SR 2136 (Gilead Road) from US 21 (Statesville Road) to NC 115. Initial funds are requested for preliminary engineering.	\$300,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Union Co. Div. 10 U-5764 REGIONAL	WBS 50177.1.1 US 74 from Hanover Drive to SR 1007 (Rocky River Road). Initial funds are requested for preliminary engineering.	\$300,000.00
Union Co. Div. 10 U-5808 DIVISION	WBS 44381.1.1 SR 1362 (Chestnut Lane Connector) from Matthews Indian Trail Road to SR 1368 (Gribble Road). Initial funds are requested for preliminary engineering.	\$300,000.00
Lincoln/ Mecklenburg Cos. Div. 10/12 R-5721 REGIONAL	WBS 50215.1.1 NC 73 from NC 16 Business in Lincoln County to SR 5544 (West Catawba Avenue) in Mecklenburg County. Initial funds are requested for preliminary engineering.	\$500,000.00
Watauga Co. Div. 11 R-2615 REGIONAL	WBS 38819.1.2 US 321/US 421 Junction, near Vilas to SR 1107 (105 Bypass), termini of the proposed Boone Bypass (U-2703). Initial funds are requested for preliminary engineering.	\$750,000.00
Watauga Co. Div. 11 U-5603 REGIONAL	WBS 45831.1.2 NC 105 from US 321 (Blowing Rock Road) to NC 105 Bypass. Initial funds are requested for preliminary engineering.	\$300,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Yadkin Co. Div. 11 R-5733 DIVISION	WBS 50224.1.1 US 421 - Construct new interchange on US 421 between existing exits 257 and 259. Initial funds are requested for preliminary engineering.	\$500,000.00
Catawba Co. Div. 12 R-3603A DIVISION	WBS 38870.1.2 NC 127 from SR 1400 (Cloninger Mill Road) to SR 1150 (Teague Town Road). Initial funds are requested for preliminary engineering.	\$600,000.00
Catawba Co. Div. 12 U-2530A REGIONAL	WBS 34824.1.3 NC 127 from SR 1132 (Huffman Farm Road) to SR 1008 (Zion Church Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Catawba Co. Div. 12 U-5777 REGIONAL	WBS 50189.1.1 NC 127 from 1st Avenue southeast to 2nd Avenue southeast. Initial funds are requested for preliminary engineering.	\$125,000.00
Cleveland Co. Div. 12 U-5775 REGIONAL	WBS 50186.1.1 US 74 Business (Marion St.) and NC 150 (Cherryville Road) intersection. Initial funds are requested for preliminary engineering.	\$150,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Gaston Co. Div. 12 U-2523B REGIONAL	WBS 34819.1.3 Gastonia - NC 279 (New Hope Road), from north of SR 2275 (Robinson - Clemmer Road) to west of NC 275 in Dallas. Initial funds are requested for preliminary engineering.	\$500,000.00
Gaston Co. Div. 12 U-3608 DIVISION	WBS 39025.1.D2 NC 7 (North Main Street) from I-85 to US 29-74. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00
Gaston Co. Div. 12 U-5778 REGIONAL	WBS 50188.1.1 NC 279 (Lower Dallas Highway) and NC 275 (Dallas Stanley Highway). Initial funds are requested for preliminary engineering.	\$150,000.00
Gaston Co. Div. 12 U-5800 REGIONAL	WBS 44372.1.1 NC 7 - intersection of NC 7 / US 74 and NC 7 / US 29. Initial funds are requested for preliminary engineering.	\$100,000.00
Gaston Co. Div. 12 U-5819 DIVISION	WBS 44391.1.1 NC 27 (West Charlotte Ave) and SR 2534 (Hawthorne Street). Initial funds are requested for preliminary engineering.	\$200,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Gaston Co. Div. 12 U-5821 DIVISION	WBS 44393.1.1 NC 279 (New Hope Road) from SR 2478 (Titman Road) to SR 2435 (Union Hope Road). Initial funds are requested for preliminary engineering.	\$600,000.00
Iredell Co. Div. 12 R-2522 REGIONAL	WBS 38794.1.2 US 21 - NC 115 from Cedar Lane Avenue in Troutman to SR 1336 (Barium Loop Road) in Barium Springs. Initial funds are requested for preliminary engineering.	\$500,000.00
Iredell Co. Div. 12 R-5100 DIVISION	WBS 41890.1.D1 SR 1109 (Williamson Road), from I-77 to SR 1100 (Brawley School Road). \$200,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
Iredell Co. Div. 12 U-5779 REGIONAL	WBS 50190.1.1 NC 115 from SR 1645 (Old Wilkesboro Road) to Hartness Road. Initial funds are requested for preliminary engineering.	\$500,000.00
Iredell Co. Div. 12 U-5780 REGIONAL	WBS 50191.1.1 NC 150 and SR 2399 (Wiggins Road) intersection. Initial funds are requested for preliminary engineering.	\$125,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Iredell Co. Div. 12 U-5799 REGIONAL	WBS 44371.1.1 US 21 from SR 1933 to Fort Dobbs Road. Initial funds are requested for preliminary engineering.	\$500,000.00
Iredell Co. Div. 12 U-5816 DIVISION	WBS 44388.1.1 SR 1305 (Oates Road - Midnight Lane) from US 21 (Charlotte Highway) to SR 1474 (Blue Field Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Iredell Co. Div. 12 U-5817 DIVISION	WBS 44389.1.1 SR 1246 (Fairview Road) extension over I-77 connect with SR 1206 (Alcove Road). Initial funds are requested for preliminary engineering.	\$400,000.00
Buncombe Co. Div. 13 U-3403B REGIONAL	WBS 34936.1.4 NC 191 (Brevard Road/ Old Haywood Road) from NC 146 to north of Blue Ridge Parkway. Initial funds are requested for preliminary engineering.	\$600,000.00
Buncombe Co. Div. 13 U-5781 REGIONAL	WBS 44352.1.1 Intersection of US 25 (Merrimon Avenue) and Edgewood Road. Initial funds are requested for preliminary engineering.	\$100,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Buncombe Co. Div. 13 U-5782 REGIONAL	WBS 44353.1.1 Intersection of US 25 (Merrimon Avenue) and W.T. Weaver Boulevard. Initial funds are requested for preliminary engineering.	\$50,000.00
Buncombe Co. Div. 13 U-5784 REGIONAL	WBS 44356.1.1 US 70 (Tunnel Road) from I-240 to Beverly Road intersection. Initial funds are requested for preliminary engineering.	\$500,000.00
Buncombe Co. Div. 13 U-5832 DIVISION	WBS 44404.1.1 NC 81 (Swannanoa River Road) from SR 3214 (Biltmore Avenue) to US 74A (South Tunnel Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Buncombe Co. Div. 13 U-5837 DIVISION	WBS 50229.1.1 SR 2002 (Riceville Road) from US 70 (Tunnel Road) to SR 2285 (Clear Vista Lane). Initial funds are requested for preliminary engineering.	\$250,000.00
Buncombe Co. Div. 13 U-5868 DIVISION	WBS 46392.1.1 SR 1477 (Riverside Drive), widen roadway, NC 251 / SR 1781 (Broadway) to I-40 / SR 1231 (Hill Street). Initial funds are requested for preliminary engineering.	\$1,000,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Buncombe Co. Div. 13 U-5834 DIVISION	WBS 50226.1.1 SR 3116 (Mills Gap Road) from US 25 (Hendersonville Road) to SR 2157 (Weston Road). Initial funds are requested for preliminary engineering.	\$200,000.00
Burke Co. Div. 13 I-5008 REGIONAL	WBS 41497.1.1 I-40 at SR 1734 / SR 1826 (Exit 111) Initial funds are requested for preliminary engineering.	\$250,000.00
Burke Co. Div. 13 I-5009 REGIONAL	WBS 41824.1.1 I-40 and US 64 (Burkemont Road). Initial funds are requested for preliminary engineering.	\$250,000.00
Burke Co. Div. 13 I-5874 REGIONAL	WBS 53075.1.1 I-40 at SR 1142 (Jamestown Road) - Exit 100. Initial funds are requested for preliminary engineering.	\$250,000.00
Burke Co. Div. 13 I-5875 REGIONAL	WBS 53076.1.1 I-40 at SR 1712 (Drexel Road). Initial funds are requested for preliminary engineering.	\$400,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Burke Co. Div. 13 U-5836 DIVISION	WBS 50228.1.1 NC 181 from SR 1414 (St. Mary's Church Road) to Morganton ETJ. Initial funds are requested for preliminary engineering.	\$200,000.00
McDowell Co. Div. 13 U-5818 DIVISION	WBS 44390.1.1 SR 1001 (Sugar Hill Road) from I-40 westbound ramps to 0.3 mile west of I-40 eastbound ramps. Initial funds are requested for preliminary engineering.	\$250,000.00
McDowell Co. Div. 13 U-5835 DIVISION	WBS 50227.1.1 US 221 Business from US 221/NC 226 to Georgia Avenue. Initial funds are requested for preliminary engineering.	\$250,000.00
Rutherford Co. Div. 13 U-5833 DIVISION	WBS 50225.1.1 SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. Initial funds are requested for preliminary engineering.	\$250,000.00
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.1.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to SR 1556 (Martins Creek Road). Initial funds are requested for preliminary engineering.	\$250,000.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Strategic Transportation Investments**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Haywood Co. Div. 14 U-5839 DIVISION	WBS 50230.1.1 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). Initial funds are requested for preliminary engineering.	\$250,000.00
Macon Co. Div. 14 R-5734 DIVISION	WBS 50192.1.1 US 23 / US 441 from US 64 to SR 1652 (Wide Horizon Drive/ SR 1152 (Belden Circle). Initial funds are requested for preliminary engineering.	\$200,000.00
Macon Co. Div. 14 U-5604 REGIONAL	WBS 45832.1.1 US 441 Business from US 23 / US 64 / US 441 to Porter Street. Initial funds are requested for preliminary engineering.	\$400,000.00
Polk Co. Div. 14 I-4729 DIVISION	WBS 34243.1.3 I-26, US 74, & NC 108 interchange. Initial funds are requested for preliminary engineering.	\$250,000.00
Transylvania Co. Div. 14 R-5743 DIVISION	WBS 50199.1.1 New route from US 64 / US 276 to US 64. Initial funds are requested for preliminary engineering.	\$750,000.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>135 PROJECTS</b>	<b>\$116,930,500.00</b>

**May 7, 2015**

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Intrastate System  
(For projects previously identified as Intrastate Trust Fund projects)**

**K-28**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Dare Co. Div. 1 R-2544 STATEWIDE	WBS 35487.1.1 US 64 from east of the Alligator River to US 264. \$6,933,795.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,400,000.00
<b>TRUST FUND INTRASTATE SUMMARY</b>	<b>1 PROJECT</b>	<b>\$1,400,000.00</b>

**NCDOT May 2015 Board of Transportation Agenda  
Approval of State Highway Trust Funds - Urban Loops**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Fayetteville/ Cumberland Co. Div. 6 U-2519BA REGIONAL	WBS 34817.2.23 Fayetteville Outer Loop from south of SR 1003 (Camden Road) to south of SR 1104 (Strickland Bridge Road). \$150,000.00 has previously been approved for appraisal of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$103,212.84
Fayetteville/ Cumberland Co. Div. 6 U-2519BA REGIONAL	WBS 34817.2.23 Fayetteville Outer Loop from south of SR 1003 (Camden Road) to south of SR 1104 (Strickland Bridge Road). \$150,000.00 has previously been approved for appraisal of specific parcels. Additional funds of \$56,839.00 are requested for advanced acquisition of Specific Parcel 980 (Property of Patricia Batten Lindsay) and \$417,159.00 for advanced acquisition of Specific Parcel 981 (Property of Estate of Gertrude Lindsay Godwin) and \$145,767.00 for advanced acquisition of Specific Parcel 982 (Property of Marvin Lindsay et al).	\$619,765.00
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.2.4 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). \$12,507,824.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are requested for appraisal of Specific Parcel 900.	\$25,000.00
Winston- Salem/ Forsyth Co. Div. 9 U-2579AB STATEWIDE	WBS 34839.2.4 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$28,728,025.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds of \$99,725.00 are requested for advanced acquisition of Specific Parcel 900 (Property of Rhonda G. Shumate and Wade L. Shumate) and initial \$25,000.00 for appraisal of Specific Parcel 903.	\$124,725.00
<b>TRUST FUND URBAN LOOP</b>	<b>4 PROJECTS</b>	<b>\$872,702.84</b>

<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>135 PROJECTS</b>	<b>\$116,930,500.00</b>
<b>TRUST FUND INTRASTATE SUMMARY</b>	<b>1 PROJECT</b>	<b>\$1,400,000.00</b>
<b>TRUST FUND URBAN LOOP</b>	<b>4 PROJECTS</b>	<b>\$872,702.84</b>
<b>SUMMARY OF FUNDS</b>	<b>140 PROJECTS</b>	<b>\$119,203,202.84</b>

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Spot Safety Improvement Projects**

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Greenville/ Pitt Co. Div. 2 SS-4902BO	WBS 44257.2.1 US 13 (Dickinson Avenue) at US 264A (Greenville Boulevard) and SR 1203 (Allen Rd); US 13 (Dickinson Avenue) at Arlington Boulevard; NC 11/43/903 (Memorial Drive) at Arlington Boulevard; SR 1467 (Stantonsburg Road) at SR 1200 (Stantonsburg Road) and SR 1204 (B's Barbeque Road). \$35,100.00 in right of way and utilities funds has previously been approved for traffic signal revisions. Additional funds are needed due to an increase in utility costs. File 02-14-27583-2	\$14,000.00
Brunswick Co. Div. 3 SS-4903AP	WBS 43378.3.1 NC 130 at SR 1132 (Shell Point Road/Civietown Road). \$5,000.00 in construction funds has previously been approved for sight distance improvements. Additional funds are needed due to an increase in construction costs. File 03-11-8816-1	\$7,700.00
Pender Co. Div. 3 SS-4903L	WBS 41246.3 US 17 and SR 1561 (Sloop Point Road). \$267,268.87 in construction funds has previously been approved for crossover revisions and intersection improvements to accommodate U-turns. Additional funds are needed due to an increase in construction costs. File 03-06-217-1	\$3,926.62
Wilson/ Wilson Co. Div. 4 SS-4904BA	WBS 43383.3.1 SR 1165 (Forest Hills Road) from NC 42 (Tarboro Street) to Wooten Boulevard. \$148,239.58 in construction funds has previously been approved for median construction, traffic signal installation, left turn lanes, a leftover, resurfacing, and pavement markings. Additional funds are needed due to an increase in construction costs. File 04-09-1131-2	\$7,811.09
Bladen Co. Div. 6 SS-4906CA	WBS 44267.3.1 NC 41 at Northbound NC 131. \$6,800.00 in construction funds has previously been approved for installation of flashers, signing, rumble strips, and pavement markings. Additional funds are needed due to an increase in construction costs. File 06-14-29193-1	\$514.00

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Spot Safety Improvement Projects**

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Greensboro/ Guilford Co. Div. 7 SS-4907AJ	WBS 43406.3.1 (1) US70/East Wendover Avenue and North English Street; (2) SR 1008 (Market Street) and North Lindell Road; (3) SR 1008 (Market Street) and Muirs Chapel Road/Spring Garden Street; (4) SR 1008 (Market Street) and Montrose Street; (5) SR 1008 (Market Street) and Norwalk Street; (6) SR 1008 (Market Street) and SR 2175 (Green Valley Road). \$14,000.00 in construction funds has previously been approved for traffic signal revisions. Additional funds are needed due to an increase in construction costs. File 07-11-010-1	\$3,597.29
Rockingham/ Richmond Co. Div. 8 SS-4908S	WBS 42705.3.1 US 1 Southbound at US 220 Northbound. \$230,000.00 in construction funds have previously been approved for crossover safety improvements. Additional funds are needed due to an increase in construction costs. File 08-09-204-1	\$105,400.00
Huntersville/ Mecklenburg Co. Div. 10 SS-4910AD	WBS 43053.2.1 NC 73 at SR 2428 (Mayes Road/Black Farm Road). \$40,000.00 in right of way and utilities funds has previously been approved for a directional crossover installation. Additional funds are needed due to an increase in utilities costs. File 10-09-207-1	\$11,646.53
Asheville/ Buncombe Co. Div. 13 SS-4913BX	WBS 44422.2.1 US 25 (Merrimon Avenue) between I-240 Ramps and Midland Drive. Initial right of way and utilities funds are needed for safety improvements. File 13-15-202R	\$30,000.00
Asheville/ Buncombe Co. Div. 13 SS-4913BX	WBS 44422.3.1 US 25 (Merrimon Avenue) between I-240 Ramps and Midland Drive. Initial construction funds are needed for safety improvements. File 13-15-202C	\$260,000.00
<b>ITEM L SUMMARY</b>	<b>10 PROJECTS</b>	<b>\$444,595.53</b>

**May 7, 2015**

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 1**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Dare Co. B-5014C REGIONAL	41470.3.4, BRNHP-0012(53) Bridge #11 over the Oregon Inlet on NC 12. \$7,562,150.00 has previously been approved for construction. Additional funds are needed for emergency repairs for additional scour protection.	\$3,000,000.00 Cost \$2,400,000.00 Fed. \$600,000.00 State
Dare Co. B-5014D REGIONAL	41470.3.5, NHPP-0012(58) Bridge #11 over the Oregon Inlet on NC 12. \$1,575,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$950,000.00 Cost \$760,000.00 Fed. \$190,000.00 State

**NC DOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 2**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Kinston/ Lenoir Co. U-3618 DIVISION	35775.1.2, STP-0224(14) SR 1571 (Carey Road Extension) from SR 1572 (Rouse Road) to US 258 at SR 1001 (Pauls Path Road). \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State

**Bridge**

Lenoir Co. B-4565 REGIONAL	33773.3.FR2, BRSTP-70B(5) Replace Bridges #42 and #43 over the Neuse River Overflow on US 70 Business and Bridges #26 and #28 on US 258 Business (South Queen Street), 0.445 miles. \$12,400,000.00 has previously been approved for construction. Funds need to be increased \$788,143.00 to reflect the low bid received January 20, 2015.	\$788,143.00 Cost \$630,514.00 Fed. \$157,629.00 State
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**Safety**

Craven Co. W-5601L STATEWIDE	50138.3.FS13, HSIP-0017(145) US 17 at NC 43 and SR 1482 (Macedonia Church Road). Funds are needed for construction to construct left turn lanes and revise traffic signal.	\$314,221.00 Cost \$282,799.00 Fed. \$31,422.00 State
Jones Co. W-5601D REGIONAL	50138.3.FR5, HSIP-0041(33) NC 41 between Trent River Bridge north of Trenton in Jones County and US 70 in Craven County. Funds are needed for construction for widening.	\$1,644,655.00 Cost \$1,480,190.00 Fed. \$164,465.00 State

**NC DOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 2 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Pitt Co. W-5601K REGIONAL	50138.3.FR12, HSIP-0033(14) NC 33 between SR 1755 (Blackjack-Simpson Road) and SR 2405 (Rivercrest Road). Funds are needed for construction to improve superelevation, construct left turn lane and revise pavement markings.	\$496,775.00 Cost \$447,098.00 Fed. \$49,677.00 State

**Bicycle and Pedestrian**

Jones Co. EB-4411F DIVISION	36333.3.FD6, STPEB-0041(32) NC 41 from Trenton to US 70 in Duplin County. Funds are needed for construction for shoulder widening.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
Kinston/ Lenoir Co. EB-3314D DIVISION	33935.3.FD4, STPEB-0224(18) Mountain to Sea Trail Connection. Funds are needed for full right of way and utilities.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 State

**NC DOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 3**

**National Highway**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
New Hanover Co. I-5357 STATEWIDE	46176.3.FS1, NHPP-040-5(409) I-40, south of NC 53, Milepost 398.5 to north of SR 1412, Milepost 403.0 in Pender County and south of NC 210, Milepost 408.6 in Pender County to end of I-40, Milepost 420 in New Hanover County, 15.700 miles. \$8,600,000.00 has previously been approved for construction. Funds need to be increased \$2,629,810.00 to reflect the low bid received on February 24, 2015.	\$2,629,810.00 Cost \$2,103,848.00 Fed. \$525,962.00 State
New Hanover Co. U-5792 DIVISION	54038.1.FD1, NHP-0074(171) US 74 (Martin Luther King, Jr. Parkway) at US 117/NC 132 (College Road). Funds are needed for preliminary engineering.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State

**Bridge**

New Hanover Co. B-5103 DIVISION	42238.3.FD1, BRSTP-1627(11) Replace Bridge #35 over an Abandoned Railroad on SR 1627 in Wilmington, 0.096 mile. \$4,300,000.00 has previously been approved for construction. Funds need to be increased \$1,017,294.00 to reflect the low bid received on February 24, 2015.	\$1,017,294.00 Cost \$813,835.00 Fed. \$203,459.00 State
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**Bicycle and Pedestrian**

New Hanover Co. EB-4411C DIVISION	36333.3.FD3, STPEB-1492(2) SR 1411 (Wrightsville Avenue) from Greenville Avenue to US 76 (Oleander Drive). Funds are needed for construction to construct bike lanes.	\$896,000.00 Cost \$716,800.00 Fed. \$179,200.00 State
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**NC DOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4**

**National Highway**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Halifax Co. R-3822 DIVISION	37765.1.3, HP-STP-1627(7) I-95 from just south of proposed bridge at Chockoyotte Creek to NC 125. Funds are needed for preliminary engineering.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State
Johnston Co. I-5303 STATEWIDE	47019.3.FS1, NHPP-095-2(129)77 I-95 from the Johnston County Line (mile marker 77.88) to east of I-40 (mile marker 84), 6.120 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published February 4, 2015.	\$4,650,000.00 Cost \$3,720,000.00 Fed. \$930,000.00 State
Johnston Co. R-5718 DIVISION	50472.1.FD1, NHP-1003(140) SR 1003 (Buffalo Road) from US 70 to SR 1934 (Old Beulah Road). Funds are needed for preliminary engineering.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
Wayne Co. R-5719 DIVISION	50473.1.FD1, NHP-0117(31) US 117 at SR 1135 (Country Club Road). Funds are needed for preliminary engineering.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State

**NC DOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4 (Continued)**

**National Highway**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wayne Co. U-2714 REGIONAL	38979.1.FR1, NHP-0117(32) US 117 alternate from US 70 Bypass to Belfast. Funds are needed for preliminary engineering.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
Wayne Co. U-5724 REGIONAL	54016.1.FR1, NHP-0013(42) US 13 (Berkeley Boulevard) realignment of SR 1709 (Central Heights Road) intersection. Funds are needed for preliminary engineering.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State
Wayne Co. U-5796 DIVISION	54039.1.FD1, NHP-0117(32) US 117 at SR 1120 (O'Berry Road) interchange. Funds are needed for preliminary engineering.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State

**Bridge**

Nash Co. B-5124 REGIONAL	42270.3.FR1, BRSTP-0301(25) Replace Bridges #141, #151, & #85 over Swift Creek on US 301, 1.322 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published February 4, 2015.	\$6,100,000.00 Cost \$4,880,000.00 Fed. \$1,220,000.00 State
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**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Johnston Co.	41871.3.FS1, STPNHS-0070(117)	\$2,341,605.00	Cost
W-5107	US 70 east of I-95 from SR 2305 (Firetower Road) to east of	\$2,107,445.00	Fed.
STATEWIDE	SR 2310 (Davis Mill Road/Stevens Chapel Road), 2.090 miles. \$16,900,000.00 has previously been approved for construction. Funds need to be increased \$2,341,605.00 to reflect the low bid received on February 24, 2015..	\$234,160.00	State

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. I-5311TM STATEWIDE	46265.1.TM1, IMP-0440(21) I-440 / US 64 from I-40 (exit 301) to north of US 64-264 (Knightdale Bypass). Funds are needed for preliminary engineering.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State

**National Highway**

Wake Co. U-5744 REGIONAL	54031.1.FR1, NHP-0070(187) US 70 / NC 50 at SR 2026 (Hammond Road) / SR 2812 (Timber Drive) interchange in Garner. Funds are needed for preliminary engineering.	\$1,700,000.00 Cost \$1,360,000.00 Fed. \$340,000.00 State
Wake Co. U-5751 REGIONAL	54033.1.FR1, NHP-0401(267) US 401 at NC 55 in Fuquay-Varina. Funds are needed for preliminary engineering.	\$700,000.00 Cost \$560,000.00 Fed. \$140,000.00 State

**Urban**

Durham Co. U-4726HL DIVISION	36268.3.F22, STPDA-0505(48) Sidewalk on Barbee Street between the existing sidewalk at Pearsontown Elementary School and Orindo Drive; and sidewalk in Former Fayetteville Street right of way to connect the Durham Area Transit Authority (DATA) Administrative Offices with Geer Street. Funds are needed for construction for a sidewalk.	\$39,400.00 Cost \$31,520.00 Fed. \$7,880.00 Local
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**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5 (Continued)**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. U-5118EN DIVISION	42379.2.FD29, STPDA-000S(779) Jones Dairy at Chalk, NC 55 at Old Powell, Rogers at Marshall Farm, and Millbrook at Davis Circle. Funds are needed for full right of way and utilities.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 State

**Bridge**

Granville Co. B-5151 DIVISION	42312.3.FD1, BRZ-1432(5) Replace Bridge #215 over Little Grassy Creek on SR 1432, 0.133 mile. \$750,000.00 has previously been approved for construction. Funds need to be decreased (\$54,182.00) to reflect the low bid received on February 24, 2015.	-\$54,182.00 Cost -\$43,346.00 Fed. -\$10,836.00 State
Granville Co. B-5320 DIVISION	46034.1.1, BRZ-1139(4) Replace Bridge #96 over the Tar River on SR 1139. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$350,000.00 Cost \$280,000.00 Fed. \$70,000.00 State
Wake Co. B-4662 DIVISION	38457.1.2, BRZ-2308(5) Replace Bridge #196 over Mocassin Creek on SR 2308 and SR 1726. \$55,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. B-5113 DIVISION	42251.3.FD1, BRZ-1942(1) Replace Bridge #157 over Smiths Creek on SR 1942, 0.144 miles. \$600,000.00 has previously been approved for construction. Funds need to be decreased (\$65,480.00) to reflect the low bid received on January 20, 2015.	-\$65,480.00 Cost -\$52,384.00 Fed. -\$13,096.00 State
Wake Co. B-5326 DIVISION	46040.1.1, BRZ-2555(1) Replace Bridge #247 over White Oak Creek on SR 2555. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$70,000.00 Cost \$56,000.00 Fed. \$14,000.00 State
<b>Safety</b>		
Durham Co. SR-5001U DIVISION	40924.3.F20, SRS-0505(69) Safe Routes To School - SR 1158 (Cornwallis Road) near Rogers-Herr Middle School. Funds are needed for construction to install a sidewalk and wheelchair ramp.	\$9,500.00 Cost \$9,500.00 Fed.
Vance Co. W-5515 DIVISION	44101.2.FD1, HSIP-1518(5) SR 1518 (Stewart Farm Road) in Henderson City Limit to SR 1515 (South Cokesbury Road). Funds are needed for full right of way and utilities.	\$135,000.00 Cost \$121,500.00 Fed. \$13,500.00 State

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 6**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Harnett Co. I-5878 DIVISION	53078.1.1, NHP-0095(7)73 I-95 at US 421. Improve interchange. Funds are needed for preliminary engineering.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
Robeson Co. I-5879 DIVISION	53079.1.1, NHP-0095(6)24 I-95 at SR 1528 (Carthage Road). Funds are needed for preliminary engineering.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State

**Enhancement**

Angier/ Harnett Co. EL-5100LC DIVISION	41821.3.F38, STPDA-0602(12) Lillington, Willow and Roy Street Sidewalk Project. Sidewalk along Willow Street to the Town's Community Pool; along Roy Street from Willow Street to Broad Street; and along West Lillington Street from South Raleigh Street to Park Street. Funds are needed for construction for sidewalk improvements.	\$246,000.00 Cost \$196,800.00 Fed. \$49,200.00 Local
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**Safety**

Columbus Co. R-5749 DIVISION	53086.1.FD1, HSIP-0074(169) US 74/76 at SR 1001 (Hallsboro Road). Funds are needed for preliminary engineering.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
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**NC DOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 6 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Fayetteville / Cumberland Co. SR-5001CD DIVISION	40924.3.F80, SRS-0620(29) Safe Routes To School - Various locations to serve the students of Morganton Elementary School and J.W. Coon Elementary School. Funds are needed for construction to construct sidewalks with handicap ramps, and pedestrian signals.	\$500,000.00 \$500,000.00	Cost Fed.
Cumberland Co. W-5206AA REGIONAL	45336.3.FR27, HSIP-0059(8) NC 59 (Main Street/Hope Mills Road) from SR 1112 (Rockfish Road) to SR 1003 (Camden Road). Funds are needed for construction to restripe and revise turn lanes, construct and revise raised medians, and widen for additional turn lanes.	\$2,000,000.00 \$1,800,000.00 \$200,000.00	Cost Fed. State
Harnett Co. W-5206AJ REGIONAL	45336.3.FR36, HSIP-0210(32) NC 210 at SR 2215 (Harnett Central Road); and SR 2215 from NC 210 to Harnett Central Middle School Driveway. Funds are needed for construction for the replacement of 3 existing culvert systems and a water line replacement.	\$1,190,000.00 \$1,071,000.00 \$119,000.00	Cost Fed. State
Robeson Co. R-5752 DIVISION	53088.1.FD1, HSIP-0074(170) US 74 at SR 2220 (Broadridge Road). Funds are needed for preliminary engineering.	\$500,000.00 \$450,000.00 \$50,000.00	Cost Fed. State

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 6 (Continued)**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Clarkton/ Bladen Co. Y-5500FB STATEWIDE	45533.1.FS3, STPRR-000S(795) Railway-Highway Grade Crossing Safety Project - Municipal Crossing Closure on Elm Street; Crossing #624 001G, Railroad Milepost #SE 318.93. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$15,000.00 Fed.

**NC DOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 7**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Greensboro/ Guilford Co. I-5712 STATEWIDE	50126.1.FS1, NHPP-040-3(136)208 I-40 / US 421 at the intersection of SR 1850 (Sandy Ridge Road) interchange; realign eastbound and westbound ramps, construct loop ramps in northeast and southwest quadrants, and widen SR 1850 through interchange. Funds are needed for preliminary engineering.	\$400,000.00 Cost \$320,000.00 Fed. \$80,000.00 State

**Urban**

High Point/ Guilford Co. U-3615B DIVISION	34962.3.FD1, STP-1820(5) SR 1820 (Skeet Club Road) from west of SR 1818 (Johnson Street) to NC 68 (Eastchester Drive), 3.388 miles. \$29,000,000.00 has previously been approved for construction. Funds need to be increased \$6,221,211.00 to reflect the low bid received on January 20, 2015.	\$6,221,211.00 Cost \$4,976,969.00 Fed. \$1,244,242.00 State
Chapel Hill/ Orange Co. U-4726IG DIVISION	36268.3.24, STPDA-0703(26) Morgan Creek Trail, Phase 2. Greenway Trail from the existing fan branch trail near the intersection of Culbreth Road and Highway 15/501 to Phase I of the Morgan Creek Trail. \$1,390,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$25,000.00 Cost \$20,000.00 Fed. \$5,000.00 Local

**Bridge**

Alamance Co. B-4953 DIVISION	40078.3.FD1, BRZ-1912(2) Replace Bridge #64 over Quaker Creek on SR 1912, 0.066 miles. \$675,000.00 has previously been approved for construction. Funds need to be decreased (\$113,296.00) to reflect the low bid received on January 20, 2015.	-\$113,296.00 Cost -\$90,637.00 Fed. -\$22,659.00 State
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**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 7 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. B-5119 STATEWIDE	42261.3.FS1, BRIMS-040-4(138)259 Replace Bridge #349 and Bridge #291 over US 29/70/220 on I-40/I-85, 0.440 miles. \$5,900,000.00 has previously been approved for construction. Funds need to be increased \$951,454.00 to reflect the low bid received on January 20, 2015.	\$951,454.00 Cost \$761,163.00 Fed. \$190,291.00 State
Guilford Co. B-5354 DIVISION	46068.1.1, BRZ-4771(1) Replace Bridge #360 over US 29 on SR 4771. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$475,000.00 Cost \$380,000.00 Fed. \$95,000.00 State
Guilford Co. BD-5107Z DIVISION	45353.3.FD27, BRZ-3088(1) Replace Bridge #245 over Alamance Creek on SR 3088. Funds are needed for construction.	\$471,000.00 Cost \$376,800.00 Fed. \$94,200.00 State
Rockingham Co. B-4803 DIVISION	38573.3.FD1, BRZ-1925(2) Replace Bridge #97 over Wolf Island Creek on SR 1925, 0.303 miles. \$1,250,000.00 has previously been approved for construction. Funds need to be increased \$627,331.00 to reflect the low bid received on January 20, 2015.	\$627,331.00 Cost \$501,865.00 Fed. \$125,466.00 State

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 7 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Rockingham Co. BD-5107Y DIVISION	45353.3.FD26, BRZ-1143(10) Replace Bridge #141 over an Unnamed Creek on SR 1143. Funds are needed for construction.	\$532,000.00 Cost \$425,600.00 Fed. \$106,400.00 State

**Safety**

Rockingham Co. W-5142 STATEWIDE	45266.3.FS1, STPNHS-0220(42) US 220 and SR 1110 (Elisboro Road) south of Madison. Funds are needed for construction to construct cross-over movement, construct a bulb-out, and upgrade two left turn lanes.	\$1,150,000.00 Cost \$1,035,000.00 Fed. \$115,000.00 State
Rockingham Co. W-5207G DIVISION	45337.3.FD7, HSIP-1914(3) SR 1914 (Oregon Hill Road) and SR 2023 (Guerrant Springs Road). \$575,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$375,000.00 Cost \$337,500.00 Fed. \$37,500.00 State

**Municipal Bridge**

Greensboro / Guilford Co. B-5553 DIVISION	46311.1.F1, STP-0708(70) Replace Bridge #98 over a Tributary of Horsepen Creek on Ballenger Road. Funds are needed for preliminary engineering.	\$115,000.00 Cost \$92,000.00 Fed. \$23,000.00 Local
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**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 8**

**National Highway**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Chatham Co. U-5737 REGIONAL	54027.1.FR1, NHP-0064(181) U 64 (East 11th Street) from SR 1317 (Greensboro Avenue) to US 421 in Siler City. Funds are needed for preliminary engineering.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
Sanford/ Lee Co. U-5727 REGIONAL	54018.1.FR1, NHP-0001(147) US 1 / US 15 / US 501 from south of NC 78 (Tramway Road) / SR 1003 (Center Church Road) to Pendergrass Road. Funds are needed for preliminary engineering.	\$3,000,000.00 Cost \$2,400,000.00 Fed. \$600,000.00 State
Aberdeen/ Moore Co. U-5815 REGIONAL	54041.1.FR1, NHP-0001(148) US 1 (Sandhills Boulevard) from Old US 1 to SR 1112 (Roseland Road). Funds are needed for preliminary engineering.	\$1,900,000.00 Cost \$1,520,000.00 Fed. \$380,000.00 State

**Surface Transportation**

Moore Co. R-2807 DIVISION	38835.1.FD1, STP-0073(38) NC 73 from NC 211 to proposed NC 211 Bypass of West End. Funds are needed for preliminary engineering.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 8 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Hoke Co. B-5127 REGIONAL	42285.3.FR1, BRSTP-0211(24) Replace Bridge #4 over Raft Swamp and Bridge strengthening on Bridge #100 on NC 211, 0.091 miles. \$900,000.00 has previously been approved for construction. Funds need to be increased \$214,961.00 to reflect the low bid received on February 24, 2015.	\$214,961.00 Cost \$171,969.00 Fed. \$42,992.00 State

**Municipal Bridge**

Laurinburg/ Scotland Co. B-5003 DIVISION	41106.1.1, BRSTP-0821(5) Replace Bridge #81 on Commonwealth Avenue over Leith Creek. \$108,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 Local
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**Bicycle and Pedestrian**

Archdale / Randolph Co. EB-3314F DIVISION	33935.2.FD6, STPEB-0799(2) North Main Street and Balfour Drive / Ashland Street. Funds are needed for construction for sidewalk improvements.	\$120,000.00 Cost \$96,000.00 Fed. \$24,000.00 State
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**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 9**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Winston- Salem/ Forsyth Co. U-2579E STATEWIDE	34839.2.13, HPP-0918(46) Winston-Salem Northern Beltway (Eastern Section) from SR 2211 (Baux Mountain Road) to NC 8. \$193,342.00 has previously been approved for right of way and utilities. Additional funds are needed for the Appraisal of SP 900.	\$25,000.00 Cost \$20,000.00 Fed. \$5,000.00 State
Clemmons/ Forsyth Co. U-2707 DIVISION	34845.1.1, STP-3000(1) SR 3000 (Idols Road) from SR 2999 (Hampton Road) to US 158. \$1,642,961.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
Winston- Salem/ Forsyth Co. U-4741OF DIVISION	39745.3.F22, STPDA-0918(99) Kirklees Road and Hertford Road Sidewalk and Pedestrian Improvements. Funds are needed for construction for sidewalk improvements.	\$375,000.00 Cost \$300,000.00 Fed. \$75,000.00 Local

**Bridge**

Forsyth Co. BD-5109AB DIVISION	45355.2.FD28, BRZ-1639(3) Replace Bridge #142 over West Fork Muddy Creek on SR 1639. Funds are needed for full right of way and utilities.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
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**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 9 (Continued)**

**Project Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Forsyth Co. U-2579WM	34839.4.FS2, STP-000S(798) Mitigation Compensation - City View Fire Department request for equipment and personnel funding during the six-month closure of Walkertown-Guthrie Road. Funds are needed to provide adequate service during road closure.	\$30,000.00 Cost \$30,000.00 State
STATEWIDE		

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10**

**National Highway**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mecklenburg Co. I-5318 STATEWIDE	47038.3.FS1, NHPP-0485(33) I-485 from mile marker 51.1 to mile marker 61, 8.600 miles. \$8,000,000.00 has previously been approved for construction. Funds need to be decreased (\$930,954.00) to reflect the low bid received on February 24, 2015.	-\$930,954.00 Cost -\$744,763.00 Fed. -\$186,191.00 State

**Enhancement**

Divisionwide ER-2976J DIVISION	3710.3.FD24, STP-1300(16) Division 10 - Median of SR 1300 (Morehead Road) between US 29 and Performance Drive. Funds are needed for construction for landscape planting.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State
Divisionwide ER-2976J DIVISION	3710.3.FD23, STP-000S(796) Division 10 - Billy Graham Parkway at Tyvola Road Interchange. Funds are needed for construction for a quadrant cleanup and plant bed rehab.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State

**Urban**

Charlotte/ Mecklenburg Co. U-5507B DIVISION	45477.3.F2, STPDA-1003(130) I-485 Prosperity Church Road, northwest arc of the I-485/Prosperity Church Road interchange. Funds are needed for construction for bike lanes and sidewalks.	\$2,831,425.00 Cost \$2,265,140.00 Fed. \$566,285.00 Local
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**NCDOT May 2015 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-52100 DIVISION	45340.2.FD15, HSIP-1365(3) SR 1365 (Stallings Road) and SR 1367 (Matthews Indian Trail Road) in Stallings. Funds are needed for full right of way and utilities.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 11**

**Surface Transportation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Ashe Co. R-2915D REGIONAL	34518.3.FR4, STP-0221(42) US 221 from south of NC 194 to US 221 Bypass, 4.081 miles. \$26,600,000.00 has previously been approved for construction. Funds need to be decreased (\$1,940,150.00) to reflect the low bid received on February 24, 2015.	-\$1,940,150.00 Cost -\$1,552,120.00 Fed. -\$388,030.00 State
Wilkes Co. R-3309 REGIONAL	38852.1.FR2, STP-0268(19) NC 268 from SR 1966 to the Elkin Bypass. Funds are needed for preliminary engineering.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State

**NC DOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 12**

**National Highway**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Iredell Co. K-4908 STATEWIDE	39894.3.FS1, IMS-77-1(177)39 I-77 Rest Area on New Location at Mile Marker 58, 1.572 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published February 4, 2015. This is a two (2) year cash flow project with \$8,550,000.00 in FY15 and \$8,550,000.00 in FY16.	\$17,100,000.00 Cost \$13,680,000.00 Fed. \$3,420,000.00 State

**Surface Transportation**

Catawba Co. R-5113 DIVISION	42364.1.FD2, STP-1005(37) SR 1005 (Startown Road) from US 70 to NC 10. Funds are needed for preliminary engineering.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
Iredell Co. R-3833C DIVISION	34554.1.FD1, STP-1100(35) SR 1100 (Brawley School Road) from I-77 to US 21. Funds are needed for preliminary engineering.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State

**Bridge**

Catawba Co. B-5150 DIVISION	42311.3.FD1, BRZ-1404(13) Replace Bridge #34 over Falling Creek on SR 1404, 0.142 mile. \$1,450,000.00 has previously been approved for construction. Funds need to be decreased (\$81,059.00) to reflect the low bid received February 24, 2015.	-\$81,059.00 Cost -\$64,847.00 Fed. -\$16,212.00 State
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**NCDOT May 2015 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-5885 DIVISION	53084.1.FD1, NHP-0025(35)50 I-40 at US 25 (Hendersonville Road). Funds are needed for preliminary engineering.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 State
Buncombe Co. I-5886 DIVISION	53085.1.FD1, NHP-025A(51) I-40 at US 25A (Sweeten Creek Road). Funds are needed for preliminary engineering.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State

**Surface Transportation**

Asheville/ Buncombe Co. U-2801A REGIONAL	34859.1.FR3, STP-025A(5) US 25A (Sweeten Creek Road) from US 25 (Hendersonville Road) to SR 3081 (Rock Hill Road). Funds are needed for preliminary engineering.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State
Buncombe Co. U-4739 DIVISION	39741.1.FD1, STP-3556(2) SR 3556 (Amboy Road-Meadow Road) from I-240 to US 25 (Biltmore Avenue). Funds are needed for preliminary engineering.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 13 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
McDowell Co. B-3673 STATEWIDE	33217.3.FS1, BRNHP-221(10) Replace Bridge #17 over the Second Broad River on US 221, 0.511 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on February 4, 2015.	\$5,600,000.00 Cost \$4,480,000.00 Fed. \$1,120,000.00 State

**Safety**

Buncombe Co. SS-4913BW DIVISION	44368.1.FD1, HSIP-1756(2) SR 1756 (Jupiter Road) from US 25-70 to US 19-23 near Weaverville. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
Asheville/ Buncombe Co. SS-4913BX REGIONAL	44422.1.FR1, HSIP-0025(34) US 25 (Merrimon Avenue) at I-240 westbound on-ramp, Annadale Avenue, Spears Avenue, Coleman Avenue and Midland Drive. Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State

**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 14**

**National Highway**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Haywood Co. I-5508 STATEWIDE	55057.3.FS1, IMS-040-1(245)7 I-40 near Milepost 7, 0.440 miles. \$6,300,000.00 has previously been approved for construction. Funds need to be increased \$971,927.00 to reflect the low bid received on January 20, 2015.	\$971,927.00 Cost \$777,542.00 Fed. \$194,385.00 State

**Surface Transportation**

Henderson Co. R-2588B REGIONAL	34473.1.FR3, STP-0191(14) NC 191 from SR 1381 (Mountain Road) to NC 280. Funds are needed for preliminary engineering.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State
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**Enhancement**

Jackson Co. ER-2971N DIVISION	3614.3.FD40, STP-000S(792) NC 107 at the Wal-Mart Shopping Center in Sylva. Funds are needed for construction to construct curb ramps.	\$6,000.00 Cost \$4,800.00 Fed. \$1,200.00 State
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**Appalachian**

Clay Co. A-0011C DIVISION	32574.1.FD7, APD-0069(7) NC 69 - US 64 from Georgia State Line to US 64 (Hayesville Bypass). Funds are needed for preliminary engineering.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State
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**NCDOT May 2015 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 14 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Transylvania Co. B-5403 DIVISION	46118.2.FD1, BRZ-1532(5) Replace Bridge #196 over Crab Creek on SR 1532. \$8,172.00 has previously been approved for right of way and utilities. Additional funds are needed based on the latest estimate.	\$32,000.00 Cost \$25,600.00 Fed. \$6,400.00 State

**Safety**

Haywood Co. W-5214M REGIONAL	45344.3.FR13, HSIP-0276(11) US 276 (Russ Avenue) from Barber Boulevard to the US 23/74 Eastbound Ramps in Waynesville. Funds are needed for construction to install a traffic signal and a concrete median island.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
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**Bicycle and Pedestrian**

Jackson Co. EB-4411G DIVISION	36333.3.FD7, STPEB-0023(29) US 23-74 from Bridge #145 to the Haywood County Line. Funds are needed for construction for shoulder widening.	\$450,000.00 Cost \$360,000.00 Fed. \$90,000.00 State
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**ITEM M SUMMARY - 93 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$87,364,226.00**

## REVISIONS TO THE 2012-2020 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

**DIVISION 3**

U-5871	SR 2432, (RALEIGH STREET) TO RIVER ROAD.	CONSTRUCTION	FY 2015 -	\$900,000	(T)
NEW HANOVER	CONSTRUCT TWO LANE ROAD ON NEW LOCATION.		FY 2015 -	<u>\$600,000</u>	(L)
PROJ.CATEGORY	<u>ECONOMIC DEVELOPMENT PROJECT.</u>			\$1,500,000	
DIVISION					

**DIVISION 9**

* U-2729	SR 1672 (HANES MILL ROAD), MUSEUM DRIVE TO SR
FORSYTH	4000 (UNIVERSITY PARKWAY) IN WINSTON-SALEM.
PROJ.CATEGORY	WIDEN TO MULTILANES.
DIVISION	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>
	<u>STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI</u>
	<u>PROJECT (NOTE: REPLACES PROJECT U-5755)</u>

## STIP MODIFICATIONS

**DIVISION 7**

* B-5343	US 311 / NC 770, REPLACE BRIDGE NO. 169 OVER	RIGHT-OF-WAY	FY 2016 -	\$93,000	(HFB)
ROCKINGHAM	CASCADE CREEK.	CONSTRUCTION	FY 2017 -	<u>\$925,000</u>	(HFB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AND</u>			\$1,018,000	
REGIONAL	<u>CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW</u>				
	<u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>				

* B-5351	US 29 / US 70 / BUSINESS 85 SB, REPLACE BRIDGES	RIGHT-OF-WAY	FY 2017 -	\$537,000	(HFB)
GUILFORD	400237 AND 400242 OVER DEEP RIVER IN HIGH POINT.	CONSTRUCTION	FY 2018 -	<u>\$6,895,000</u>	(HFB)
PROJ.CATEGORY	<u>REVISE PROJECT SCOPE TO INCLUDE BRIDGE 400237.</u>			\$7,432,000	
HWY FUNDS					

EB-4707A	SR 1838 / SR 2220, US 15-501 IN ORANGE COUNTY TO	RIGHT-OF-WAY	FY 2015 -	\$553,000	(STPDA)
DURHAM	SR 1113 (POPE ROAD) IN DURHAM COUNTY		FY 2015 -	\$674,000	(TAPDA)
ORANGE	<u>REVISE AMOUNTS AND FUNDING SOURCES AT</u>		FY 2015 -	\$307,000	(L)
PROJ.CATEGORY	<u>REQUEST OF MPO.</u>	CONSTRUCTION	FY 2016 -	\$1,633,000	(STPDA)
TRANSITION			FY 2016 -	\$408,000	(L)
				\$3,575,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, May 07, 2015

## REVISIONS TO THE 2012-2020 STIP

## HIGHWAY PROGRAM

## STIP MODIFICATIONS

## DIVISION 7

* U-5306B	US 220 (BATTLEGROUND AVENUE), INTERSECTION	RIGHT-OF-WAY	FY 2015 -	\$430,000	(NHP)
GUILFORD	WITH WESTRIDGE ROAD AND APPROACHES	CONSTRUCTION	FY 2015 -	\$3,100,000	(NHP)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO</u>			\$3,530,000	
REGIONAL	<u>ALLOW CITY ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN.</u>				

## DIVISION 10

B-5931	MORRIS FIELD DRIVE, REPLACE BRIDGE NO. 443 OVER	RIGHT-OF-WAY	FY 2016 -	\$120,000	(STPOFF)
MECKLENBURG	SOUTHERN RAILROAD.		FY 2016 -	\$30,000	(L)
PROJ.CATEGORY	<u>MODIFY PROJECT FUNDING AMOUNTS.</u>	UTILITIES	FY 2016 -	\$160,000	(STPOFF)
DIVISION			FY 2016 -	\$40,000	(L)
		CONSTRUCTION	FY 2017 -	\$2,200,000	(STPOFF)
			FY 2017 -	\$550,000	(L)
				\$3,100,000	

C-5533	CHARLOTTE, SR 5469 (SHOPTON ROAD) AND SR 1156	RIGHT-OF-WAY	FY 2016 -	\$129,000	(CMAQ)
MECKLENBURG	(BEAM ROAD) IN CHARLOTTE. CONSTRUCT		FY 2016 -	\$61,000	(L)
PROJ.CATEGORY	ROUNDAABOUT.	CONSTRUCTION	FY 2017 -	\$867,000	(CMAQ)
EXEMPT	<u>MODIFY PROJECT FUNDING AMOUNTS.</u>		FY 2017 -	\$403,000	(L)
				\$1,460,000	

EB-4715E	CHARLOTTE, LITTLE SUGAR CREEK GREENWAY,	CONSTRUCTION	FY 2015 -	\$1,390,000	(DP)
MECKLENBURG	TYVOLA ROAD TO I-485		FY 2015 -	\$800,000	(STPDA)
PROJ.CATEGORY	<u>ADJUST FUNDING TO REFLECT RE-PROGRAMMED</u>		FY 2015 -	\$1,406,000	(STPEB)
TRANSITION	<u>FUNDS FROM EB-4715 A AND B.</u>		FY 2015 -	\$200,000	(L)
			FY 2015 -	\$347,000	(L)
				\$4,143,000	

* U-5108	NORTHCROSS DRIVE EXTENSION, END OF	RIGHT-OF-WAY	FY 2017 -	\$955,000	(STPDA)
MECKLENBURG	NORTHCROSS DRIVE TO WESTMORELAND ROAD IN		FY 2017 -	\$421,000	(L)
PROJ.CATEGORY	CORNELIUS. CONSTRUCT ROAD ON NEW LOCATION.	CONSTRUCTION	FY 2018 -	\$4,765,000	(STPDA)
TRANSITION	<u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 17 AND</u>		FY 2018 -	\$2,091,000	(L)
	<u>CONSTRUCTION FROM FY 16 TO FY 18 AT THE</u>			\$8,232,000	
	<u>REQUEST OF THE TOWN OF CORNELIUS.</u>				

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2012-2020 STIP

## HIGHWAY PROGRAM

## STIP MODIFICATIONS

## DIVISION 14

* R-5207C	SR 1006 (HOWARD GAP ROAD), SR 1539 (JACKSON	RIGHT-OF-WAY	FY 2016 -	\$100,000	(T)
HENDERSON	ROAD) TO US 25 IN FLETCHER	CONSTRUCTION	FY 2016 -	<u>\$850,000</u>	(T)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AND</u>			\$950,000	
TRANSITION	<u>CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW</u>				
	<u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>				

## STIP DELETIONS

## DIVISION 9

* U-5755	SR 1672 (HANES MILL ROAD), MUSEUM DRIVE TO SR	RIGHT-OF-WAY	FY 2021 -	\$1,948,000	(T)
FORSYTH	4000 (UNIVERSITY PARKWAY) IN WINSTON-SALEM.	UTILITIES	FY 2021 -	\$234,000	(T)
PROJ.CATEGORY	WIDEN TO MULTILANES.	CONSTRUCTION	FY 2022 -	<u>\$8,550,000</u>	(T)
DIVISION	<u>PROJECT REPLACED BY U-2729.</u>			\$10,732,000	

ITEM N SUMMARY

ADDITIONS	2	PROJECTS	\$1,500,000
MODIFICATIONS	9	PROJECTS	
DELETIONS	1	PROJECTS	\$10,732,000
	12	PROJECTS	(\$9,232,000)

\* INDICATES FEDERAL AMENDMENT

Thursday, May 07, 2015

NCDOT May 7, 2015 Board of Transportation Agenda

SUMMARY: There are a total of 50 agreements for approval by the Board of Transportation.

Statewide

North Carolina Department of  
Environment & Natural  
Resources  
Onslow County  
36249.3075

This Project consists of Photogrammetry using Digital Mapping to obtain remotely sensed imagery of certain shallow water portions in coastal areas. This Supplemental Agreement is to modify the scope and extend the completion date to August 30, 2016 in lieu of December 31, 2014. The expanded scope will include flying the specified Submerged Aquatic Vegetation (SAV) site and acquiring aerial imagery and (Global Positioning System/Inertial Measurement Unit (GPS/IMU) data in additional areas.

Division 1

Town of Garysburg  
Northampton County  
Z-5400AH  
80000.2.3.6

This Rail Agreement consists of installation of automatic warning devices and upgrades to approaches at the CSX Transportation, Inc. (CSXT) municipal at-grade crossing on School Street (Crossing # 630 120E) in the Municipality. The Department shall arrange for CSXT to prepare plans and to perform the installation of the automatic warning devices pursuant to the Master Agreement. The Municipality shall prepare any necessary plans and perform work associated with the roadway approaches. CSXT shall be responsible for all maintenance of the warning devices. The Municipality shall be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the project, (2) 100% of any cost not reimbursed by FHWA, and (3) 50% of CSXT's cost of maintenance of the warning devices pursuant to GS 160A-298(c). The Municipality shall reimburse the Department in three (3) equal annual payments. The estimated cost of the work is \$250,000.

Elizabeth City State University  
Dare County

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 of the approved eligible costs up to the maximum federal and state award amount of \$55,244.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 2

Lenoir County  
B-4565  
33773.1.1

This Project is to provide demand response transportation to eligible local bicyclists and pedestrians that currently cross the bridge at Queen Street, in conjunction with the replacement of Bridges No. 26, 28, 42 and 43 over the Neuse River on US-70 Business in Kinston. The Department shall reimburse the County 100% of the actual cost of the transit service performed by the Lenoir County Transit. The estimated cost for the transit service is \$20,000.

Greenville Utilities Commission  
Pitt County  
U-3315  
35781.3.FD1

This Project consists of conditional approval from the Greenville Utilities Commission to discharge contaminated ground water generated from dewatering operations associated with the construction of U-3315, the Tenth Street Connector in Greenville. The Department shall pay monthly based on the meter reading at a cost of \$0.045 per gallon and any additional laboratory analysis or labor charges that may be necessary to determine the appropriate method of disposal.

Divisions 2 & 4  
Carolina Coastal Railway, Inc.  
(CLNA)  
Pitt & Wilson Counties  
80000.2.3.8

This Rail Agreement consists of CLNA's material cost to upgrade two crossings: Neverson Road in Sims on Norfolk Southern Railway Company at milepost NS 194.2 and US 264 Alternate in Farmville at milepost NS 161.9. The upgrades will involve removing the existing crossing surfaces and replacing with a concrete tub crossing. The Department shall be responsible for material costs incurred by CLNA for the crossing improvements. The estimated cost of the work is \$190,000.

Division 3

County of New Hanover  
45846.1.1  
45846.2.1  
45846.3.1

This Project consists of on-road bicycle lanes on Red Cedar Road and an off-road multi-use path or sidewalk along Middle Sound Loop Road in accordance with the scope specified in the supplemental agreement for SR-5001BO. The scope includes an on-road path along Oyster Road and Bright Leaf Road, and a pedestrian bridge connecting to Thais Trail. This Supplemental Agreement is to amend the scope, extend the completion date for pre-construction activities to 6/19/15 in lieu of 9/30/2013, and extend the completion date of the Project to 2/26/16 in lieu of 5/21/2015.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 3, con't.

City of Jacksonville  
Onslow County  
44424

This Project consists of the removal of existing trees that did not survive due to environmental reasons to be replaced with a species better adapted to the region. The scope includes installation of various other plantings and sod, all to be maintained by the City of Jacksonville, in the area to be named Beirut Memorial. The Municipality is responsible for all aspects of the Project. The Department shall participate in the actual Construction costs up to a maximum amount of \$180,000 (estimated costs are \$180,000). Costs which exceed this amount shall be borne by the Municipality.

City of Wilmington and  
North Carolina State Ports  
Authority (NCSPA)  
New Hanover County  
U-5871

This Project consists of the extension of Raleigh Street (currently non-system) from end of public right of way to River Road (currently non-system). The Department is responsible for all phases of the Project. The NCSPA shall donate property they own, right of way and any necessary easements to the Department for the extension of the roadway. The Municipality shall participate in the cost of the Project in an amount of \$600,000. The estimated cost of the Project is \$1,500,000. Upon completion of the Project, the Department will convey the Raleigh Street Extension to the Municipality at no cost. The Municipality agrees to accept the Raleigh Street Extension as a part of their street system and shall be responsible for providing all maintenance for the Raleigh Street Extension when complete.

Wilmington Business Park, LLC  
(WBP)  
New Hanover County  
44344 & 80000.3.1.1

This Contingent Interest Agreement and Instrument of Indebtedness is the security instrument for the expenditure of state funds for improvements to the Wilmington Terminal Railroad, LP corridor for the benefit of Vertex Rail Technologies, LLC (Vertex). The specific projects funded include the upgrade of an existing crossing at River Road and the re-establishment of a previous crossing to serve the new Vertex factory located in Wilmington. The Department shall participate in the project to the extent of 45% of the total project costs or up to \$505,000 (\$305,000 from Economic Development funds and up to \$200,000 from the State's Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds), whichever may be less. A portion of the project improvements will be constructed on property leased by Vertex from WBP. As a condition of the expenditure of state funds for improvements on behalf of Vertex, the Department and WBP shall enter into a Contingent Interest Agreement and Instrument of Indebtedness to secure a lien for five (5) years on the project assets constructed on WBP property.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 3, con't.

Wilmington Terminal Railroad,  
LP (WTRY)  
New Hanover County  
80000.2.3.9

This Rail Agreement consists of WTRY's cost to upgrade the crossing at Front Street (SR 1140) in Wilmington at milepost 249.84. The upgrade will involve removing the existing crossing surface and replacing it with a concrete panel tub crossing with asphalt underlayment. The Department shall be responsible for all costs incurred by WTRY for the crossing improvement. The estimated cost of the work is \$200,000.

Division 4

CSX Transportation, Inc. (CSXT)  
Nash & Edgecombe Counties

The Department and CSXT, on November 4, 2011, entered into a Master Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the state. The MEA stipulated that a need for CSXT to perform design review and/or work for each individual rail improvement project would be identified through a separate written agreement to the MEA. This Addendum #6 to the MEA provides the terms for CSXT to prepare the design, plans, specifications, and estimate (PS&E) for the installation of a north bound leaving signal north of the Rocky Mount Station. CSXT shall submit the PS&E to the Department for review and approval. The Department shall reimburse CSXT all costs associated with the work. The estimated cost of the work is \$200,000.

Divisions 4 & 5

Carolina Coastal Railway, Inc.  
(CLNA)  
Nash & Wake Counties  
80000.2.3.10

This Rail Agreement consists of CLNA's material cost to upgrade five (5) at-grade crossing surfaces: Horton Road in Zebulon on Norfolk Southern Railway Company's corridor at milepost NS 208.3, a double-track crossing on Planer Mill Road in Middlesex at milepost NS 200.5, and a double-track crossing on Robertson Road in Knightdale at milepost NS 220.7. The upgrades will involve removing the existing crossing surfaces and replacing them with rubber rail seal. The Department shall be responsible for all material costs incurred by CLNA for the crossing improvements. The estimated cost of the work is \$84,000.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 5

City of Durham  
Durham County  
M-0483  
50147.1.F1

This Project consists of the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization implementing the SmartGAP Planning Tool. The City of Durham is the lead planning agency for the MPO and will be the fiscal agent responsible for the Project. The Department will reimburse federal Future Strategic Highway Research Program (SHRP2) funding in an amount not to exceed \$50,000.

North Carolina Railroad  
Company  
Norfolk Southern Railway  
(Railroad)  
Durham County  
I-3308  
34915.1.1

This Project consists of reconstruction and widening on NC 55 (Alston Avenue) from NC 147 to north of US 70 Bus./NC 98 (Holloway Street) from Station 12+00.00 to Station 67+60.00, and construction of a crossing at separated grades in Durham County. The Railroad shall provide easements for the proposed work, furnish all labor, material, tools and equipment to perform work required to make changes in alignment, location or elevation of telephone, pipe and signal lines over and/or under its right of way. The Department shall prepare plans and specifications for the proposed work, acquire all rights of way necessary for the construction of the proposed work and furnish all labor, materials, and equipment to construct the proposed work, except work performed by Railroad. The Department shall reimburse the Railroad for work performed in accordance with the plans and the force account estimate.

Norfolk Southern Railway  
(Railroad)  
Durham County  
I-3308  
34915.1.1

This Project consists of reconstructing and widening on NC 55 (Alston Avenue) from NC 147 to north of US 70 Bus./NC 98 (Holloway Street) from Station 12+00.00 to Station 67+60.00, construction of a crossing at separated grades, removal of the existing railroad structure and trackwork, and construction of and afterwards removal of a temporary railroad detour to during construction of the underpass in Durham County. The Railroad shall provide easements for the proposed work, furnish all labor, material, tools and equipment to perform work required to make changes in alignment, location or elevation of telephone, pipe and signal lines over and/or under its right of way. The Department shall prepare plans and specifications for the proposed work, acquire all rights of way necessary for the construction of the proposed work and furnish all labor, materials, and equipment to construct the proposed work, except work performed by Railroad. The Department shall reimburse the Railroad for work performed in accordance with the plans and the force account estimate.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 6

Red Springs & Northern  
Railroad Foundation (RSNR)  
Robeson County  
80000.2.3.12

This Rail Agreement consists of RSNR's material cost to upgrade the crossing at NC 71 in Shannon at milepost 232. The upgrade will involve removing the existing crossing surface and replacing it with a concrete tub crossing. The Department shall be responsible for all material costs incurred by RSNR for the crossing improvements. The estimated cost of the work is \$75,000.

University of North Carolina at  
Pembroke  
Robeson County

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 of the approved eligible costs up to the maximum federal and state award amount of \$50,000.

Fayetteville State University  
Cumberland County

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 of the approved eligible costs up to the maximum federal and state award amount of \$50,000.

Division 7

North Carolina A&T State  
University  
Guilford County

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 of the approved eligible costs up to the maximum federal and state award amount of \$55,000.

Town of Hillsborough  
Orange County  
U-5549  
43987.3.1  
50153.3.F1  
44227  
44247

This Project consists of traffic signal and curb ramp revisions on east side of NC 86 (Churton Street) at SR 1150/SR 1002 (King Street), and NC 86 (Churton Street) at Margaret Lane; grading, curb and gutter, crosswalks and signal modifications on the west side of NC 86/US 70 Business (Churton Street) from Tryon Street to just south of Margaret Lane; grading, curb and gutter crosswalk and bus pull-out on NC 86/US 70 Street to just south of Nash and Kollock Street in Hillsborough. The Municipality is responsible for all phases of the Project. The Department shall reimburse 100% of approved eligible costs from state funds in the amount of \$412,000 and 80% from STPDA funds, not to exceed \$125,000. The Municipality will be responsible for providing the 20% (\$31,250) non-federal match and all costs that exceed the total estimated cost.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 7, con't.

City of Greensboro  
Guilford County  
U-2524BC  
34820.3.29

This Project consists of Greensboro Western Loop from I-73/I-840 to SR 2085 (Bryan Boulevard) Interchange. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and relocate the municipal water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$63,160.35.

City of High Point  
Guilford County  
C-5558  
55063.1.1  
55063.2.1  
55063.3.1

This Project consists of the modernization/rehabilitation and expansion of the existing computerized traffic signal system in High Point. This Supplemental Agreement is to expand the Project scope to include the installation of an uninterruptible power supply, transformer and all associated wiring. The estimated additional cost for the additional work is \$25,000. The cost will be shared by the Department and the Municipality at the agreed pro-rata share amount.

City of Burlington  
Alamance County  
36247.7.1

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

Lawrence Moore, Jr. and  
Minnie T. Moore  
Kathryn Moore  
Rita Shulenberger  
David Hudson  
Wesley Chesson III  
(Property Owners)  
Orange County  
P-4405J  
62000

This Alternate Access Rail Construction Agreement consists of the closure of a private vehicular access (PVA) at-grade crossing (Crossing # 735 197K, milepost H 47.74) on the North Carolina Railroad Company / Norfolk Southern Railway Company's main line track at Greenbriar Drive in Orange County. This PVA is the sole access to the property for the Property Owners. As mitigation for the closure, the Department, at no expense to the Property Owners, shall construct an alternate access, which will be a state maintained secondary road, connecting Greenbriar Drive to Spruce Pine Trail (SR 1846). The Department shall acquire any needed right-of-way and construct the alternate access in accordance with departmental standards, specifications, policies, and procedures. The estimated cost of the work is \$700,000.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 7, con't.

Norfolk Southern Railway  
Company (NS)  
North Carolina Railroad  
Company (NCRR)  
Andrew & Beth Carroll (Carrolls)  
Frances Stanley (Stanley)  
Walter & Cynthia Hazzard  
(Hazzards)  
David Hudson (Hudson)  
Joseph & Melissa Brown  
(Browns)  
Rita Shulenberger  
(Shulenberger)  
Benjamin F. Durham, III  
(Durham)  
Kathryn E. Moore (Moore)  
Lawrence & Minnie Moore  
(Moores)  
Orange County  
P-4405J  
62000

This Rail Agreement is an Addendum to the NS Master Project Construction and Maintenance Agreement (MPCMA) and consists of permanent closure and removal of the Private Vehicular Access (PVA) crossing (Crossing # 735 197K, milepost P H 47.62), which is part of the Private Crossing Safety Initiative; and is currently utilized by the Carrolls, Stanley, Hazzards, Hudson, Browns, Shulenberger, Durham, Moore, and Moores; and is located on the NCRR railroad track operated by NS as its H Line track near Durham. NS shall be responsible for: (1) removal work within the NCRR corridor, including removal of roadway approaches, debris, culverts, signage, and of all materials related to rail crossing and approaches; (2) the re-establishment of railroad ditches; and (3) all flagging. The Department shall be responsible for all permitting and utility relocation. The Department shall also perform work associated with the installation of signage and barricades, landscaping the crossing closure area, and coordinating the removal and closure of the PVA with the District Engineer. NS shall reimburse the Department \$19,000 toward the cost of construction. The estimated cost of the project is \$25,000.

Town of Chapel Hill  
Orange County  
U-5550  
50154.3.FS1

This Project consists of the realignment of the intersection at Ephesus Church Road and Fordham Boulevard (US 15/501), along with sidewalk connections, crosswalks and traffic signal upgrades in Chapel Hill. The Municipality is responsible for all phases of the project. The Department shall allocate an amount not to exceed 80% (\$1,736,000) from NHPP funds. The Municipality will be responsible for providing the 20% (\$434,000) matching funds for the NHPP funds authorized and all costs that exceed the total estimated cost. Funds will be authorized as Advanced Construction. Reimbursement, however, will not be available to the Municipality until after October 1, 2017, or Federal Fiscal Year 2018.

Division 8

Laurinburg & Southern Co., Inc.  
(LSR)  
Scotland County  
80000.2.3.13

This Rail Agreement consists of LSR's material cost to upgrade the crossing at Highland Road (SR 1611) in Wilmington at milepost L0.30. The upgrade will involve removing the existing crossing surface and replacing it with a concrete panel crossing. The Department shall be responsible for all material costs incurred by LSR for the crossing improvement. The estimated cost of the work is \$32,000.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 8, con't.

City of Sanford  
Lee County  
ER-2971  
3608.3.FD14

This Project consists of construction of concrete sidewalk along SR 1119 (Woodland Avenue) and SR 1122 (Courtland Avenue) in Sanford. The Municipality shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$110,000.

Division 9

City of Lexington  
Davidson County  
17BP.9.R.61

This Project consists of replacement of Bridge No. 280410 on SR 1844 (Greensboro Street) over Leonard Creek in Lexington. The Department shall prepare the environmental and planning document, Project plans and specifications, construct the Project, and acquire any needed right of way at no cost to the Municipality. The Municipality shall relocate and adjust any municipally-owned utilities.

Division 10

City of Concord  
Cabarrus County  
B-5136  
42295.3.FR1

This Project consists of replacement of bridges 66 and 69 over Southern Railway on US 29/US 601 in Concord. At the request of the Municipality, the Department shall place provisions in the construction contract for Project B-5136 Cabarrus County, for the contractor to adjust and relocate water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$41,028.

North Carolina Railroad  
Company  
Norfolk Southern Railway  
(Railroad)  
Cabarrus County  
I-3802A  
36780.3

This Project consists of removal of an existing underpass structure, construction of a pedestrian culvert under the tracks and construction of a new pedestrian culvert under the railroad in Cabarrus County. The Railroad shall provide easements for the proposed work, furnish all labor, material, tools and equipment to perform work required to make changes in alignment, location or elevation of telephone, pipe and signal lines over and/or under its right of way. The Department shall prepare plans and specifications for the proposed work, acquire all rights of way necessary for the construction of the proposed work and furnish all labor, materials, and equipment to construct the proposed work, except work performed by Railroad. The Department shall reimburse the Railroad for work performed in accordance with the plans and the force account estimate.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 10, con't.

Town of Cornelius  
Mecklenburg County  
C-5621  
50146.1.F1  
50146.2.F1  
50146.3.F1

This Project consists of the design and construction of a roundabout at the intersection of US 21 and Catawba Avenue (SR 2697) in Cornelius. The Department shall prepare the environmental and planning documents, Project plans and specifications, construct the Project, and acquire any needed right of way at no cost to the Municipality. The Municipality shall relocate and adjust any municipally-owned utilities. The Municipality shall participate in the Project cost for an estimated total of \$50,000.

Town of Harrisburg  
Cabarrus County  
C-5157  
46222.1.F1  
46222.3.F1

This Project consists of the design and construction of sidewalks on Tom Query Road, Robinson Church Road, Caldwell Road, Patricia Ave, and Stallings Road. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the CMAQ funds allocation, not to exceed \$451,143. The Municipality will be responsible for providing the 20% (\$112,786) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost. This agenda item supersedes the item that ran on the 12/4/14 BOT Agenda.

City of Concord  
Cabarrus County  
U-4910B  
40373.3.F2

This Project consists of improvements on SR 1445 (Derita Road) from Aviation Boulevard to SR 1394 (Poplar Tent Road) in Concord. The Department shall prepare the environmental and planning document, Project plans and specifications, construct the Project, and acquire any needed right of way at no cost to the Municipality. The Municipality shall relocate and adjust any municipally-owned utilities, and participate in funding sidewalk for 40% of the actual cost of the sidewalk. The estimated cost of the sidewalk is \$264,461. The estimated cost to the Municipality is \$105,784.

County of Mecklenburg  
EB-4715E  
38668.1.5  
38668.3.FD5

This Project consists of the design of a five-mile section of Little Sugar Creek (LSC) Greenway, and the construction of 1.5 miles of LSC Greenway, between Park Road (Brier Creek) and Cadillac Street. This Supplemental Agreement re-allocates unused funding from Phase A & B of the LSC Greenway. The Department agrees to reimburse an additional \$245,062 in Transportation Enhancement funds and provide the non-federal match of \$61,265. The Department also agrees to reimburse \$1,389,913 in High Priority funds and the County will provide the non-federal match of \$347,478.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 10, con't.

North Carolina Railroad  
Company  
Norfolk Southern Railway  
(Railroad)  
Cabarrus County  
I-3802A  
36780.3

This Project consists of construction of a new grade separation on the proposed new location of US 29A beginning at Station 67+93.91 running in an easterly direction over the tracks to Station 70+38.00, and construction of a crossing at separated grade in Cabarrus County. The Railroad shall provide easements for the proposed work, furnish all labor, material, tools and equipment to perform work required to make changes in alignment, location or elevation of telephone, pipe and signal lines over and/or under its right of way. The Department shall prepare plans and specifications for the proposed work, acquire all rights of way necessary for the construction of the proposed work and furnish all labor, materials, and equipment to construct the proposed work, except work performed by Railroad. The Department shall reimburse the Railroad for work performed in accordance with the plans and the force account estimate.

North Carolina Railroad  
Company  
Norfolk Southern Railway  
(Railroad)  
Cabarrus County  
I-3802A  
36780.3

This Project consists of realigning and reconstructing the railroad tracks including grading, drainage and surfacing to construct a crossing at separated grades over I-85, and removing the existing railroad structure and trackwork from Railroad's Milepost 352.5 to 354.0 in Cabarrus County. The Railroad shall provide easements for the proposed work, furnish all labor, material, tools and equipment to perform work required to make changes in alignment, location or elevation of telephone, pipe and signal lines over and/or under its right of way. The Department shall prepare plans and specifications for the proposed work, acquire all rights of way necessary for the construction of the proposed work and furnish all labor, materials, and equipment to construct the proposed work, except work performed by Railroad. The Department shall reimburse the Railroad for work performed in accordance with the plans and the force account estimate.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 10, con't.

City of Charlotte  
Mecklenburg County  
Z-5400JL

This Rail Agreement consists of installation of automatic warning devices and upgrades to approaches at the Norfolk Southern Railway Company (NS) municipal at-grade crossing on Brookford Street (Crossing # 716 073R) in the Municipality. The Department shall arrange for NS to prepare plans and to perform the installation of the automatic warning devices pursuant to a Master Agreement. The Municipality shall prepare any necessary plans and perform work associated with the roadway approaches. NS shall be responsible for all maintenance of the warning devices. The Municipality shall be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the work, (2) 100% of any cost not reimbursed by Federal Highway Administration (FHWA), and (3) 50% of NS's cost of maintenance of the warning devices pursuant to GS 160A-298(c). The estimated cost of the work is \$250,000.

City of Charlotte  
Mecklenburg County  
Z-5400JM

This Rail Agreement consists of installation of automatic warning devices and upgrades to approaches at the Norfolk Southern Railway Company (NS) municipal at-grade crossing on Texland Avenue (Crossing # 716 085K) in the Municipality. The Department shall arrange for NS to prepare plans and to perform the installation of the automatic warning devices pursuant to a Master Agreement. The Municipality shall prepare any necessary plans and perform work associated with the roadway approaches. NS shall be responsible for all maintenance of the warning devices. The Municipality shall be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the work, (2) 100% of any cost not reimbursed by Federal Highway Administration (FHWA), and (3) 50% of NS's cost of maintenance of the warning devices pursuant to GS 160A-298(c). The estimated cost of the work is \$250,000.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 10, con't.

City of Charlotte  
Mecklenburg County  
Z-5400JK

This Rail Agreement consists of installation of automatic warning devices and upgrades to approaches at the Norfolk Southern Railway Company (NS) municipal at-grade crossing on Christenbury Road (Crossing # 730 133G) in the Municipality. The Department shall arrange for NS to prepare plans and to perform the installation of the automatic warning devices pursuant to a Master Agreement. The Municipality shall prepare any necessary plans and perform work associated with the roadway approaches. NS shall be responsible for all maintenance of the warning devices. The Municipality shall be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the project, (2) 100% of any cost not reimbursed by Federal Highway Administration (FHWA), and (3) 50% of NS's cost of maintenance of the warning devices pursuant to GS 160A-298(c). The estimated cost of the work is \$250,000.

Norfolk Southern Railway  
Company (NS)  
North Carolina Railroad  
Company (NCRR)  
City of Charlotte (Municipality)  
Mecklenburg County  
U-5008  
41141.1.1  
57500.3.FRA01T4A

This Rail Crossing Closure Agreement consists of the permanent closure of the at-grade crossing on Sugar Creek Road (SR 2975) (Crossing # 715 352H, milepost Main 374.02) and the at-grade crossing on Craighead Road (Crossing # 715 355D, milepost Main 374.30). The Department shall perform all work not on railroad right-of-way, which shall include, but not be limited to removal of the roadway approaches, debris, crossing related signage, pavement markings, and crossbars. NS/NCRR shall perform all work with their respective right-of-way including, but not limited to, removal of the crossing timbers, pavement, and providing flagging. As mitigation for the closure, the Department shall construct a grade separation of the at-grade crossing at East Sugar Creek Road (SR 2975) (Crossing No. 715 352H, milepost Main 347.02) and perform various improvements associated with the project, which will be defined under a separate agreement. NS, NCRR, and the Municipality shall participate in the cost of the Sugar Creek Grade Separation Project improvements in accordance with the Funding Agreement executed by all Parties on April 16, 2014. The total estimated cost of the Sugar Creek Grade Separation Project to the Department is \$24,600,000, of which the at-grade crossing closures are a portion.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 10, con't.

CSX Transportation, Inc. (CSXT) On October 2, 2009, the Department and CSXT entered into a Railroad Master Construction Agreement (MCA) which detailed the terms and conditions by which CSXT would construct various railroad improvements. This Addendum #8 to the MCA is for the construction and construction-related activities along the CSXT SFC line (Piedmont & Northern Corridor) which is a component of the Piedmont & Northern Thrift Depot Relocation and Stabilization project. The CSXT work shall include installation and removal of a temporary at-grade crossing and flagging. CSXT shall perform the work, and the Department shall reimburse CSXT for said work. The estimated cost of the work is \$115,000.

Mecklenburg County  
P-5200  
43561

Division 11

County of Wilkes  
R-2603  
36001.3.FR1

This Project consists of improvements on NC 268 from multi-lanes east of NC 18 to SR 1966 in Wilkes County. The Department shall be responsible for all phases of the Project. At the request of the County, the Department shall include in its contract the construction of sidewalks. The County shall participate in the actual cost of the sidewalks up to \$7,000. The total estimated cost for the sidewalk within the County is \$30,767. The total estimated cost to the County is \$6,153.

Town of North Wilkesboro  
Wilkes County  
R-2603  
36001.3.FR1

This Project consists of improvements on NC 268 from multi-lanes east of NC 18 to SR 1966 in Wilkes County. The Department shall be responsible for all phases of the Project. At the request of the Municipality, the Department shall include in its contract the construction of sidewalks. The Municipality shall each reimburse the Department 20% of the actual cost of the sidewalks. The Municipality's estimated cost is \$48,851. The total estimated cost for the sidewalk within the Municipality is \$244,253.

Division 12

City of Gastonia  
Gaston County  
C-5622  
46399.3.F1

This Project consists of construction of a ten-foot wide greenway trail from US 321 to Bulb Avenue to connect with the Highland Rail Trail. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from CMAQ funds, not to exceed \$320,000. The Municipality will be responsible for providing the 20% (\$80,000) non-federal match and all costs that exceed the total estimated cost.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 12, con't.

Iowa Pacific Holdings, LLC, dba  
Piedmont Railway, LLC (Lessee)  
Gaston County

This Rail Agreement consists of the granting of an exclusive lease to the Lessee of the portion of the Department's Piedmont & Northern Railway 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 two (2) years, with renewable options, and includes, for all purposes of this Agreement, the 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 the Lessee. There is no cost to the Department.

Division 13

City of Asheville  
Buncombe County  
U-5019  
41503.2.1

This Project consists of the right of way acquisition for the River Arts District Transportation Improvement Project in Asheville. 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 \$4,880,000. The Municipality will be responsible for providing the 20% (\$1,220,000) non-federal match for the STP-DA funds authorized. The Department shall reimburse 75% of eligible costs from the TAP funds allocation, not to exceed \$563,000. The Municipality will be responsible for the 25% (\$188,000) non-federal match and all costs that exceed the total estimated cost of the Project.

FHWA – Eastern Federal Lands  
Highway Division (EFLHD)  
Buncombe County  
I-4700B  
36030.1.FS3

This Project consists of the widening of I-26 from NC 146, Long Shoals Road (Exit 37) to I-40 in Buncombe County. This agreement provides for the reimbursement of preliminary design and environmental documentation costs for work performed by the EFLHD for the Blue Ridge Parkway bridge replacement over I-26, near Milepost 36, in Buncombe County. The estimated cost of the preliminary design and environmental services is \$400,000. The Department shall provide 80% of the costs in Federal National Highway Performance Program (NHPP) Funds with 20% in State Matching Funds.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 14

Great Smoky Mountains  
Railroad, LLC (GSMR)  
Swain County  
80000.2.3.15

This Agreement covers GSMR's material cost to upgrade the crossings at Governors Island Road (US 19) in Bryson City at milepost T61.98 and Whittier Depot Street in Whittier at milepost T57.49 (double track). The upgrade will involve removing the existing crossing surfaces and replacing them with concrete panel crossings. The Department shall be responsible for all material costs incurred by GSMR for the crossing improvements. The estimated cost of the work is \$104,000.

FHWA – Eastern Federal Lands  
Highway Division (EFLHD)  
Swain County  
R-5529  
55067.1.F1  
55067.3.F1

This Project consists of construction of a helipad and approach and landscaping for the helipad in Nantahala National Forest in Swain County. This supplemental agreement revises the scope of the project to eliminate lighting and provide an asphalt approach in lieu of concrete. EFLHD shall reimburse the Department a maximum of \$45,600 in Federal Lands Access Program (FLAP) funds and the County will provide \$11,400 in local matching funds.

NCDOT May 7, 2015 Board of Transportation Agenda

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

Division 1

Town of Williamston  
Martin County  
3601.3.10

This Project consists of the construction of sidewalk along SR 1445 (Main Street) from Brownlow Avenue to Martin Luther King, Jr. Drive in Williamston. The Department shall prepare the environmental and/or planning document, Project plans specifications, administer and/or award the construction contract. The Municipality shall acquire any needed right of way, relocate and adjust all utilities in conflict with the Project and assume maintenance of the sidewalk. The Municipality shall participate in 20% of the actual construction costs of the Project. Total estimated cost is \$225,000. Costs which exceed this amount shall be borne by the Municipality.

Town of Ahoskie  
Hertford County  
3601.3.11

This Project consists of the construction of sidewalk along SR 1415 (Dr. Martin Luther King, Jr., Drive) from SR 1416 (Holloman Avenue) to Malibu Drive. The Town of Ahoskie shall be responsible for all aspects of the project. The Municipality shall participate in the actual cost of the project in the amount of \$23,000. Total estimated cost is \$115,000. Costs which exceed this amount shall be borne by the Municipality.

Town of Murfreesboro  
Hertford County  
3601.3.12

The Project consists of construction of a sidewalk along SR 1179 (Union Street) from High Street to Sewell Street. The Department shall be responsible for all phases of the Project. The Municipality shall assume maintenance of the sidewalk upon completion of the Project. The Municipality shall participate in construction cost in an amount of \$8,000 and any cost which exceeds the total estimated cost of \$40,000.

Town of Edenton  
Chowan County  
3601.3.09

This Project consists of the construction of a 5- foot sidewalk at three locations: SR 1132 (Coke Avenue) from Tyler Lane to Blades Street; NC 32 from Walgreens to the Eye Care Center; and NC 32 from Granville Street vicinity to end of existing sidewalk. The Department shall be responsible for all phases of the Project. The Municipality shall assume maintenance of the sidewalk upon completion of the Project. The Municipality shall participate in construction cost in an amount of \$15,000 and any cost which exceeds \$75,000.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 2

NC Wildlife Resources  
Commission  
Craven County  
36249.3471

This Project consists of grading, drainage, and base improvements to Duck Creek Road. The specified road inside the public game lands is accessed off of SR 1600 (Broad Creek Road). The Department shall be responsible for all phases of the Project. The Agency shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated total cost of Project is \$209,000.

City of Washington  
Beaufort County  
M-0371  
37309.1.S14

The Project consists of the development of a Comprehensive Bicycle & Pedestrian Transportation Plan for the City of Washington. This Supplemental Agreement extends the completion date for the Project until June 30, 2015 for the purpose of reimbursement.

Walmart Stores, Inc.  
Pitt County  
36249.3464

This Project consists of upgrades, including flashing yellow arrow, to the existing traffic signal (SIN 02-0499). The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$35,000 (100%) of the actual cost for work performed by the Department. The estimated reimbursement is \$35,000.

Division 3

The Pantry, Inc.  
Brunswick County  
36249.3473

This Project consists of a signal review and inspection for signal installation at US 17 and Hewett Burton Road SE and US 17 at Northern U-turn location for the Kangaroo Express Development. The Developer is responsible for the work. The Developer shall reimburse the Department 100% of the actual cost of the Department's review and inspection. The estimated reimbursement is \$10,000.

VNC – Southport, LLC  
Brunswick County  
36249.3472

This Project consists of a signal review and inspection for signal installation (SIN 03-1035) at New NC 133 and Old NC 133 (Long Beach Road) for the Long Beach Crossing Development. The Developer is responsible for the work. The Developer shall reimburse the Department 100% of the actual cost of the Department's review and inspection. The estimated reimbursement is \$10,000.

City of Wilmington  
New Hanover County  
45844.3.FD1

The Project consists of construction and improvements for 1.3 miles of bicycle/pedestrian facilities beginning at South 17th Street and John Barry Drive with terminus entrance at Wade Park in Wilmington. The Supplemental Agreement extends the completion date of the Project to August 22, 2016 in lieu of June 30, 2015.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 4

County of Halifax  
75009

This Project consists of construction of left turn and right deceleration lanes on US 301 and construction of 0.4 miles of new access road located approximately 1.5 miles north of the intersection of US 301 and NC 481 near Enfield. This Supplemental Agreement is to provide additional funding in the amount of \$50,000 from Small Construction funds.

Division 5

Town of Apex  
Wake County  
44420.3.1

This Project consists of safety improvements along US 64 in Apex. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$232,000. Costs which exceed this amount shall be borne by the Municipality.

NC Museum of Art  
Foundation, Inc.  
Wake County  
36249.3466

This Project consists of a traffic signal upgrade at the intersection of SR 1664 (Blue Ridge Road) and District Drive. The Agency is responsible for the work. The Department will review the traffic signal plans and inspect the traffic signal installation. The Agency shall reimburse the Department 100% of the actual cost of the review and inspection. The estimated reimbursement is \$5,000.

Town of Wake Forest  
Wake County  
EL-5100 AE  
41821.1.41  
41821.2.F41  
41821.3.F41

This Project consists of the design and construction of a 10-foot wide greenway from the NC 98 Bypass (Dr. Calvin Jones Highway) pedestrian culvert north to the town property and spurs to the west connecting to existing sidewalks within Deacons Ridge and Cardinal Park subdivisions in Wake Forest. The Supplemental Agreement extends the completion date of the Project to be completed within five (5) years (or by 12/17/2017) of authorization of Federal funding.

Pulte Homes Corporation  
Wake County  
36249.3476

This Project consists of a traffic signal upgrade at the intersection of SR 1624 (Green Level Church Road) and Courtland View Lane/Mills Park Drive. The Developer is responsible for the work. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 6

C & S Commercial Properties  
Cumberland County  
36249.3467

This Project consists of the installation of a traffic signal on Fisher Road at Whitehaven Drive (Georgetown Estates) and provides roadway improvements including turn lanes, thermoplastic pavement markings, markers and roadway signs. The Developer shall interconnect the proposed signal to the existing traffic signals at Fisher Road and Lakewood Drive, as well as, Bingham Drive and Fisher Road by use of fiber-optics cable or a wireless communication system. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's review and inspection. The estimated reimbursement is \$10,000.

Division 7

Town of Pleasant Garden  
Guilford County  
EL-5101 DQ  
41823.1.FD19  
41823.3.FD19

This Project consists of the design and construction of a 12-foot greenway from the Town Hall to the athletic fields in Pleasant Garden. The Supplemental Agreement extends the completion date of the Project to be completed within three (3) years (or by 11/04/2016) of authorization of Federal funding.

Division 8

Village of Pinehurst  
Moore County  
36249.3340

This Agreement is to provide de-icing salt brine to the Village of Pinehurst to pick up supply materials at the Moore County Maintenance Yard. The Municipality shall reimburse the Department 100% of the actual cost of the de-icing salt. The estimated reimbursement to the Department is \$105.05 per ton for up to 60 tons.

Par 3 Development Group, LLC  
Montgomery County  
44399

This Project consists of realignment of SR 1161 (Blaine Road) at its intersection with SR 1162 (Uwharrie Point Parkway) in Montgomery County. At the request of the Developer, the Department will provide materials, equipment and labor necessary to remove approximately 50 LF of existing 15" pipe and install new 24" pipe. The Developer shall reimburse the Department 100% of the actual costs of all work. Upon completion of the work, the Department shall bill the Developer for actual costs associated with the work. The estimated reimbursement is \$5,000.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 10

Windsor Run, LLC  
Mecklenburg County  
36249.3475

This Project consists of the modification of a traffic signal for the Windsor Run (Erickson) Pleasant Plains – McKee Improvement Plan in Mecklenburg County. The Developer is responsible for the work. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

George Liles Parkway Partners,  
LLC  
Cabarrus County  
36249.3474

This Project consists of the installation of a traffic signal at the intersection of George Liles Parkway and Laurelview Drive/Province Drive in Concord. The Developer is responsible for the work. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

City of Charlotte  
Mecklenburg County  
49004.1

This Project consists of the update of development and maintenance of the Metrolina Regional Travel Demand Model. This Supplemental Agreement allows additional time to complete the Project to December 31, 2017, in lieu of December 31, 2015.

Town of Cornelius  
Mecklenburg County  
36249.3443

This Project consists of preparation of a traffic engineering study, functional designs, and cost estimate services for roadway modifications at the intersection of Catawba Avenue (SR 5544) and Torrence Chapel Road (SR 2195) in Cornelius. The Municipality shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated reimbursement is \$70,300.

Duke Energy  
Mecklenburg County  
36249.3465

This Project consists of the installation of metal poles with mast arms and lighting at the intersection of NC 73 and McGuire Nuclear Station Road near Huntersville. Duke Energy is responsible for the work. The Department will review the traffic signal plans and inspect the traffic signal installation. Duke Energy shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

Charlotte Douglas International  
Airport  
Mecklenburg County  
10.106032

This Project consists of the installation of temporary airport signage along I-85 between Exit 29 and Exit 34. The Airport shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$15,687.44.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 10, cont.

Town of Midland  
Cabarrus County  
10CR.20131.131

This Project consists of street upgrades in Cabarrus Acres to include patching and resurfacing. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$60,000. Costs which exceed this amount shall be borne by the Municipality.

Division 11

Surry County Schools  
Surry County  
36249.3477

This Project consists of furnishing and installing signs for Shoal Elementary School 2014 National Blue Ribbon Award on NC 268 at Shoals Road in Surry County. The School shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$975.

Division 13

City of Asheville  
Buncombe County  
U-5189  
45250.3.1

This Project consists of constructing sidewalk along US 25 (Hendersonville Road) within the Asheville city limits from existing sidewalk near I-40 south to NC 146 (Long Shoals Road). Work also includes multi-modal amenities, including, but not limited to crosswalks, ADA upgrades, bus shelters, trash receptacles and bicycle racks. This Supplemental Agreement is to revise the scope to match the description in the STIP and to extend the project completion date to three (3) years after authorization of construction funds.

Pulliam Developers, LLC  
Buncombe County  
36249.3469

This Project consists of the addition of a northbound protected/permitted left turn lane phase at the intersection of US 25 (Hendersonville Road) and the driveway access to Gold's Gym. The Department shall be responsible for signal design review, signal equipment and signal installation. The Developer shall reimburse the Department 100% of the actual costs of all work performed by the Department. The estimated reimbursement is \$9,000.

Isothermal Community College  
Rutherford County  
3713.3.32

This Project consists of landscaping on US 74A at Isothermal Community College. The Department shall develop the landscape design, prepare plans and site and install the plantings. The College shall assume maintenance of the plantings after one year.

NCDOT May 7, 2015 Board of Transportation Agenda

Division 13, con't.

Sandy Mush Volunteer Fire  
Department  
Rutherford County  
36249.3468

This Project consists of the installation of a 4<sup>th</sup> leg and emergency pre-emption to an existing signal at the intersection of SR 2210 (Chase High Road) and the entrance to Chase Middle School and new drive access to Sandy Mush Volunteer Fire Department. The Department shall be responsible for signal design and signal equipment installation. The Fire Department shall be responsible for any electrical work associated with project inside their facility. The Fire Department shall reimburse the Department 100% of the actual costs of all work performed by the Department. The estimated reimbursement is \$16,250.

Town of Spruce Pine  
Mitchell County  
3713.3.33

This Project consists of landscaping on NC 226 at 19E in Spruce Pine. 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.

Town of Valdese  
Burke County  
3713.3.31

This Project consists of landscaping within the I-40 Interchange at Exit 111. The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Division 14

Town of Robbinsville  
Graham County  
36249.3478

This Project consists of manufacturing and installing four "Welcome to Robbinsville" signs with "State Championship" removable panels at the municipal limits. The Department will design, fabricate and install the signs. The Municipality shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$2,000.

**NCDOT May 2015 Board of Transportation Agenda**

**Approval of Municipal Street System Changes**

**Deletions from the State Highway System**

<b>Division</b>	<b>County</b>	<b>Municipality</b>	<b>Road</b>	<b>Termini</b>	<b>Length</b>
11	Caldwell 2015_05_M001	Lenoir	SR 1145	To delete (SR 1145) Virginia Street from Morganton Boulevard to Fairview Drive SW	0.78
11	Watauga 2015_05_M001	Boone	SR 1102	To delete (SR 1102) South Water Street from West King Street to Rivers Street.	0.11

**NCDOT May 2015 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 & R-6
4	Approval of Conveyance of Highway Right of Way Residues	R - 7
5	Approval of Conveyance of Wetland Mitigation Sites	R - 8
6	Advance Acquisition of Highway Right of Way	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 1)**

**Dare County; I.D. No. B-5417; Project No. 45450.2.FD1:**

Southern Shores – Replace Bridge No. 17 over Snow Goose Canal on South Dogwood Trail

**(Division 2)**

**Lenoir County; I.D. No. EB-3314D; Project No. 33935.3.FD4:**

City of Kinston – MST Trail Connection

**Pitt County; I.D. No. EB-5618; Project No. 56032.2.FD1:**

SR 1702 (Evans Street) / SR 1323 (Arlington Street) and SR 1703 (14<sup>th</sup> Street) / SR 1707 (Charles Boulevard) in Greenville

**Pitt County; I.D. No. W-5601N; Project No. 50138.2.FD15:**

SR 1774 (Mills Road) at SR 2241 (Ivy Road)

**(Division 3)**

**Onslow County; I.D. No. U-5508; Project No. 50015.2.FS1:**

Jacksonville – NC 24 (Lejeune Boulevard) at NC 53 (Western Boulevard)

Preliminary Right of Way Plans (continued)

**(Division 5)**

**Vance County; I.D. No. W-5515; Project No. 44101.2.FD1:**

SR 1518 (Stewart Farm Road) in Henderson City Limit to SR 1515 (South Cokesbury Road)

**Wake County; I.D. No. U-5118EN; Project No. 42379.2.FD29:**

Raleigh – Safety Improvements – 4 Locations – Jones Dairy at Chalk, NC 55 at Old Powell, Rogers at Marshall Farm, and Millbrook at Davis Circle

**(Division 6)**

**Robeson County; I.D. No. W-5206AN; Project No. 45336.2.FR40:**

NC 211 (E. 4<sup>th</sup> Avenue) at SR 1505 (Old Lowery Road) in Red Springs

**(Division 10)**

**Union County; I.D. No. W-5210O; Project No. 45340.2.FD15:**

SR 1365 (Stallings Road) and SR 1367 (Matthews Indian Trail Road) in Stallings

**(Division 13)**

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

Bridge No. 416 over Stony Fork Creek on SR 1103

**(Division 14)**

**Henderson County; I.D. No. BD-5114AE; Project No. 45360.2.FD31:**

Bridge No. 77 over Mud Creek on SR 1136

**Henderson County; I.D. No. W-5506; Project No. 45505.2.FR1:**

NC 191 from SR 1365 (North Rugby Road) to SR 1381 (Mountain Road)

**Polk County; I.D. No. BD-5114AI; Project No. 45360.2.FD35:**

Bridge No. 189 over a branch of Green River on SR 1151

**Transylvania County; I.D. No. BD-5114AJ; Project No. 45360.2.FD36:**

Bridge No. 64 over North Prong Flat Creek on SR 1313

**Polk County; I.D. No. BD-5114AH; Project No. 45360.2.FD34:**

Bridge No. 21 over Pacolet River on SR 1501

**Jackson County; I.D. No. BD-5114AF; Project No. 45360.2.FD32:**

Bridge No. 129 over Scotts Creek on SR 1445

**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. 39026.2.1; Wayne County; I.D. No. U-3609A:**

Grading, drainage, paving, culvert and signals in Goldsboro – US 13 (Berkley Boulevard) from Royal Avenue to South Drive with the right of way indicated upon the final plans for said project.

**(Division 6)****Project No. 45336.2.FR33; Harnett County; I.D. No. W-5206AG:**

Pedestrian Tunnel on Campbell University – Pedestrian Tunnel Under US 421/NC 27 in Buies Creek with the right of way indicated upon the final plans for said project.

**Project No. 50079.2.FD1; Cumberland County; I.D. No. W-5512:**

Grading, drainage and paving on SR 2220 (Tom Starling Road) from US 301 to NC 87 with the right of way indicated upon the final plans for said project.

**(Division 8)****Project No. 47025.2.1; Randolph County; I.D. No. U-5305:**

Grading, drainage, paving, signals, curb and gutter in Asheboro – NC 49 intersection with SR 1144 (Mack Road) and connector road re-alignment with US 64 West with the right of way indicated upon the final plans for said project.

**(Division 13)****Project No. 45817.2.D4; Henderson/Buncombe Counties; I.D. No. R-5524C:**

Grading, paving and drainage on Old Fanning Bridge Road (SR 2277, SR 3526, SR 1419) with the right of way indicated upon the final plans for said project.

Final Right of Way Plans (Continued)

(Division 13) (Continued)

**Project No. 45817.3.4; Hendrson/Buncombe Counties; I.D. No. R-5524D:**  
Grading, drainage and paving on Old Fanning Bridge Road (SR 2277, SR 3526, SR 1419) new access road 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. 34416.2.4; I.D. No. R-2303C; Sampson County:**

Final Right of Way plans approved on the minutes of the September 5, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 23 as presented at the May 7, 2015 Board of Transportation Meeting.

**Project No. 35008.3.1; I.D. No. U-4007A; Onslow County:**

Final Right of Way plans approved on the minutes of the August 4, 2011 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 8 as presented at the May 7, 2015 Board of Transportation Meeting.

**(Division 4)**

**Project No. 34927.2.2; I.D. No. U-3331; Nash County:**

Final Right of Way plans approved on the minutes of the July 10, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 7 as presented at the May 7, 2015 Board of Transportation Meeting.

Revisions of the Final Right of Way Plans (Continued)

**(Division 6)**

**Project No. 36492.2.2; I.D. No. U-4444B; Cumberland County:**

Final Right of Way plans approved on the minutes of the November 8, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 6 as presented at the May 7, 2015 Board of Transportation Meeting.

**(Division 7)**

**Project No. 34962.2.3; I.D. No. U-3615B; Guilford County:**

Final Right of Way plans approved on the minutes of the January 8, 2015 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 14 as presented at the May 7, 2015 Board of Transportation Meeting.

**(Division 10)**

**Project No. 34749.2.GV1; I.D. No. U-0209B; Mecklenburg County:**

Final Right of Way plans approved on the minutes of the April 4, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 21 as presented at the May 7, 2015 Board of Transportation Meeting.

**Project No. 34811.2.3; I.D. No. U-2507A; Mecklenburg County:**

Final Right of Way plans approved on the minutes of the January 9, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 14, 14A as presented at the May 7, 2015 Board of Transportation Meeting.

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

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

**(Division 2)**

**Project 6.229001T, Parcel 017, South of Riverview Road and West of the US 264 Bypass  
Pitt County**

Conveyance of an approximate 0.102-acre residue area and 0.148-acre permanent utility easement to the Greenville Utilities Commission, for the appraised value of \$3,124.00.

**(Division 10)**

**Project 6.678008T, Parcel R-2248AC and R-2248AF 007, I-485 (Charlotte Western Outer Loop) from Brown Grier Road to SR 1148 (Garrison Road)  
Mecklenburg County**

Conveyance of an approximate 3.490-acre landlocked, residue area to EastGroup Properties, L.P., a Delaware limited partnership; the only interested adjacent owner, for the appraised value of \$146,000.00.

**CONVEYANCE ROW RESIDUE**

**2 PROJECT(S)**

**\$149,124.00**

**Approval of Conveyance of Wetland Mitigation Sites**

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 3)**

**Project 6.279006T, R-2405A and R-2405C  
Projects 8.1264101, 8.T261301, 8.T261304, and 8T2661302, U-2107A-D  
Haw's Run Mitigation Site  
Pender and Onslow County**

The Department received a request for the disposal of a residue property of approximately 600 acres. The NC Division of Parks and Recreation has requested that the Department transfer this property to them for the inclusion in the Sandy Run Savannas State Nature Preserve. The grantee will be required to provide the Department a conservation easement and easement of ingress and egress. The NC Division of Parks and Recreation has agreed to this conveyance for no consideration.

**(Division 5)**

**Project 34455.4.2, R-2547WM  
Mark's Creek Mitigation Site  
Wake County**

The Department received a request for the disposal of a residue property of approximately 66.08 acres. The County of Wake has requested that the Department transfer this property to them for additional space that would enhance the future Lake Myra County Park's park system and greenway trail. The grantee will be required to provide the Department a conservation easement and easement of ingress and egress. The County of Wake has agreed to this conveyance for no consideration.



**NCDOT May 2015 Board of Transportation Agenda**

**RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS**

There will be no items presented for approval at the Board of Transportation meeting.

April 20, 2015

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Branch

SUBJECT: Submission of the Hertford County Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Branch has worked cooperatively with the Hertford County on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by the Town of Ahoskie on February 10, 2015; Town of Mufreesboro on February 17, 2015; Town of Winton on February 2, 2015; Town of Harrellsville on February 2, 2015; Town of Como on February 12, 2015 and Hertford County on February 2, 2015. The Peanut Belt RPO endorsed the plan on February 12, 2015.

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

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

The Transportation Planning Branch recommends the mutual adoption of the Tabor City Comprehensive Transportation Plan as shown on the attached map dated July 5, 2012.

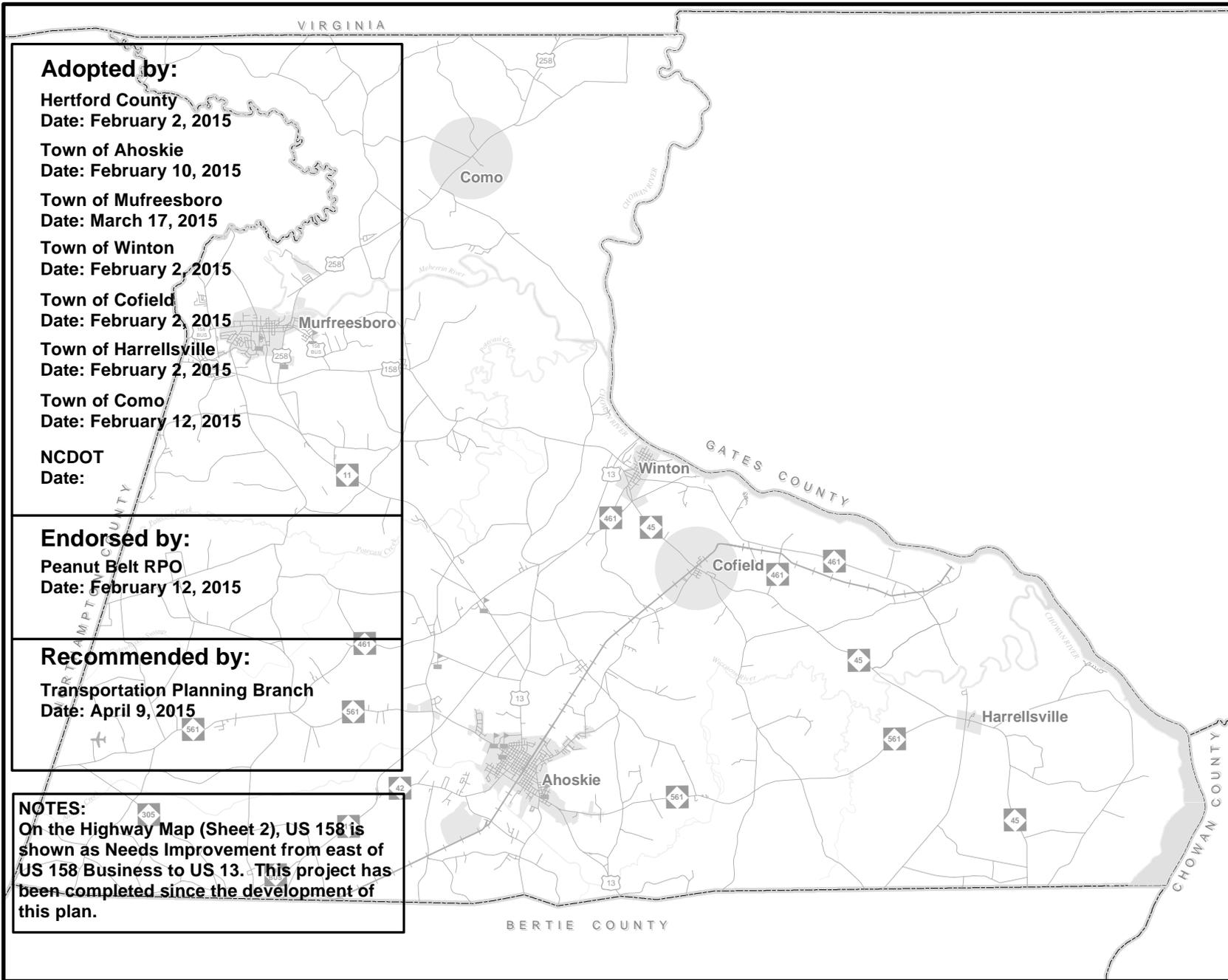
Sincerely,



Patrick Norman, P.E.  
Manager, Transportation Planning Branch

Attachment

May 7, 2015



**Adopted by:**  
 Hertford County  
 Date: February 2, 2015  
 Town of Ahoskie  
 Date: February 10, 2015  
 Town of Mufreesboro  
 Date: March 17, 2015  
 Town of Winton  
 Date: February 2, 2015  
 Town of Cofield  
 Date: February 2, 2015  
 Town of Harrellsville  
 Date: February 2, 2015  
 Town of Como  
 Date: February 12, 2015  
 NCDOT  
 Date:

**Endorsed by:**  
 Peanut Belt RPO  
 Date: February 12, 2015

**Recommended by:**  
 Transportation Planning Branch  
 Date: April 9, 2015

**NOTES:**  
 On the Highway Map (Sheet 2), US 158 is shown as Needs Improvement from east of US 158 Business to US 13. This project has been completed since the development of this plan.



# Hertford County

North Carolina

**RECOMMENDED**

## Comprehensive Transportation Plan

Plan date: December 12, 2014

- Sheet 1 Adoption Sheet
- Sheet 2 Highway Map
- Sheet 3 Public Transportation and Rail Map
- Sheet 4 Bicycle Map
- Sheet 5 Pedestrian Map

### Legend

- Airports
- Schools
- Roads
- Railroads
- Rivers and Streams
- Municipal Boundary
- Water Bodies
- County Boundary



**FIGURE 1**

Sheet 1 of 5



Base map date: July 5, 2012  
 Refer to CTP document for more details

**NCDOT May 2015 Board of Transportation Agenda**

**Road Additions:**

<b>County</b>	<b>Pet. No.</b>	<b>Length (Miles)</b>	<b>Description</b>	<b>Date of Report</b>
<b>Division 3</b> New Hanover	50797	1.51	River Road	3/19/15

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 10**

I-5405	I-77, I-277 (BROOKSHIRE FREEWAY) TO WEST	RIGHT-OF-WAY	FY 2015 -	\$2,000,000	(NHP)
IREDELL	CATAWBA AVENUE (EXIT 28). CONSTRUCT HIGH	CONSTRUCTION	FY 2015 -	\$13,000,000	(CMAQ)
MECKLENBURG	OCCUPANCY TOLL (HOT) LANES AND CONVERT		FY 2015 -	\$80,000,000	(NHP)
<b>PROJ.CATEGORY</b>	EXISTING HIGH OCCUPANCY VEHICLE (HOV) LANES		FY 2015 -	<u>\$539,000,000</u>	(PPP)
TRANSITION	TO HIGH OCCUPANCY TOLL (HOT) LANES.			\$634,000,000	

**MODIFICATION REFLECTS CHANGES TO PUBLIC PRIVATE PARTNERSHIP (PPP) FUNDING. PPP FUNDING WILL CONSIST OF \$189 M TIFIA BONDS, \$100 M PRIVATE ACTIVITY BONDS, \$250 M PRIVATE EQUITY. PUBLIC FUNDING BEEN ADJUSTED TO REFLECT \$6.8 M AUTHORIZED IN APRIL 2015.**

\* INDICATES FEDERAL AMENDMENT

Cash Flow Projection

**DMS Biennial Budget State Fiscal Years (SFY) 2015/16 and 2016/17**

**Summary**

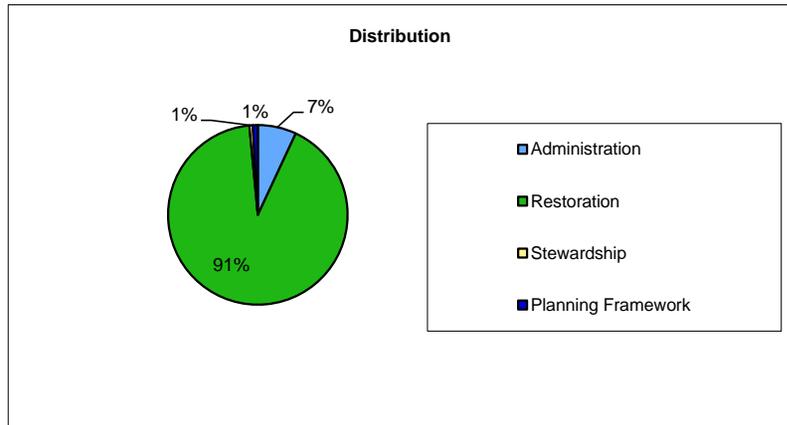
Line Item*	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	07/15 - 09/15	10/15 - 12/15	01/16 - 03/16	04/16 - 06/16	07/16 - 09/16	10/16 - 12/16	01/17 - 03/17	04/17 - 06/17	
Administration									
Salaries	\$ 656,046	\$ 656,046	\$ 656,046	\$ 656,046	\$ 669,163	\$ 669,163	\$ 669,163	\$ 669,163	\$ 5,300,836
Operating	\$ 75,600	\$ 75,600	\$ 75,600	\$ 75,600	\$ 79,120	\$ 79,120	\$ 79,120	\$ 79,120	\$ 618,880
Int. System of Record	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 600,000
SPO and legal	\$ 36,050	\$ 36,050	\$ 36,050	\$ 36,050	\$ 36,050	\$ 36,050	\$ 36,050	\$ 36,050	\$ 288,400
Restoration	\$ 8,460,162	\$ 6,919,810	\$ 11,034,402	\$ 15,494,599	\$ 14,931,706	\$ 4,730,932	\$ 22,354,703	\$ 5,845,475	\$ 89,771,788
Stewardship	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 600,000
Planning Framework	\$ 89,902	\$ 70,800	\$ 36,464	\$ 119,000	\$ 185,500	\$ 160,000	\$ 134,500	\$ 83,500	\$ 879,666
<b>Total (by Quarter)</b>	<b>\$ 9,392,760</b>	<b>\$ 7,983,306</b>	<b>\$ 12,063,562</b>	<b>\$ 16,606,295</b>	<b>\$ 16,126,539</b>	<b>\$ 5,750,265</b>	<b>\$ 23,348,536</b>	<b>\$ 6,788,308</b>	<b>\$ 98,059,570</b>

**Total (Annual)** **\$ 46,045,922** **\$ 52,013,648** **\$ 98,059,570**

\* See individual linetabs for details

**Summary**

Administration	\$ 6,808,116
Restoration	\$ 89,771,788
Stewardship	\$ 600,000
Planning Framework	\$ 879,666
<b>Biennial Total</b>	<b>\$ 98,059,570</b>



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

## Salary and Operating Expenses

Salary & Operations	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Salaries	\$ 656,046	\$ 656,046	\$ 656,046	\$ 656,046	\$ 669,163	\$ 669,163	\$ 669,163	\$ 669,163	\$ 5,300,836
Operations	\$ 75,600	\$ 75,600	\$ 75,600	\$ 75,600	\$ 79,120	\$ 79,120	\$ 79,120	\$ 79,120	\$ 618,880
Integrated System of Record	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 600,000
<b>Salary &amp; Operations Total</b>	<b>\$ 731,646</b>	<b>\$ 881,646</b>	<b>\$ 881,646</b>	<b>\$ 881,646</b>	<b>\$ 898,283</b>	<b>\$ 748,283</b>	<b>\$ 748,283</b>	<b>\$ 748,283</b>	<b>\$ 6,519,716</b>

Supporting Positions	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
State Property Office*	\$ 20,100	\$ 20,100	\$ 20,100	\$ 20,100	\$ 20,100	\$ 20,100	\$ 20,100	\$ 20,100	\$ 160,800
Legal**	\$ 15,950	\$ 15,950	\$ 15,950	\$ 15,950	\$ 15,950	\$ 15,950	\$ 15,950	\$ 15,950	\$ 127,600
<b>Supporting Positions Total</b>	<b>\$ 36,050</b>	<b>\$ 288,400</b>							

\*SPO funding reduced to 85% of one position.

\*\*85% of DMS's share for DENR legal position

Salary and Operating Expenses - Total	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 767,696	\$ 917,696	\$ 917,696	\$ 917,696	\$ 934,333	\$ 784,333	\$ 784,333	\$ 784,333	\$ 6,808,116

# Restoration Summary

	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design-Bid-Build	\$ 1,117,630	\$ 700,030	\$ 302,375	\$ 209,250	\$ 818,250	\$ 304,375	\$ 123,620	\$ 68,250	\$ 3,643,780
Design-Build	\$ 30,000	\$ -	\$ 75,000	\$ 2,215,000	\$ -	\$ 200,000	\$ 660,000	\$ 450,000	\$ 3,630,000
Full Delivery	\$ 3,752,839	\$ 4,322,245	\$ 8,875,290	\$ 11,273,207	\$ 12,549,373	\$ 2,486,620	\$ 19,850,998	\$ 3,578,147	\$ 66,688,719
Monitoring/Maintenance	\$ 209,289	\$ 397,534	\$ 281,736	\$ 297,142	\$ 64,083	\$ 239,937	\$ 220,085	\$ 249,078	\$ 1,958,885
Actual cost adjustment for in-lieu payments <sup>1</sup>	\$ 3,350,405	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 13,850,405
<b>Restoration Summary Total</b>	<b>\$ 8,460,162</b>	<b>\$ 6,919,810</b>	<b>\$ 11,034,402</b>	<b>\$ 15,494,599</b>	<b>\$ 14,931,706</b>	<b>\$ 4,730,932</b>	<b>\$ 22,354,703</b>	<b>\$ 5,845,475</b>	<b>\$ 89,771,788</b>

Note: Currently, there are 42 active design-bid-build contracts, 2 active Design-Build contracts and 52 active full delivery contracts.

<sup>1</sup> These numbers are placeholders to be approved on an individual basis with DOT professional staff. 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 2005. 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 will be documented through the Inspector General's Office. **The first quarter also includes those monies that were due on the previous budget.**

The term restoration is used to describe stream and wetland restoration activities, monitoring, maintenance, land, and special studies. Contained under this heading are 96 active contracts that are in design, construction or monitoring in our state's 17 river basins.

# Design-Bid-Build Contracts

Current Contracts					SFY 2015 / 16				SFY 2016 / 17				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.	\$ 4,360	\$ 38,530	\$ 46,630	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 99,520	1
Contract #D06017S	Heath Dairy Road	8	Randolph	AECOM	\$ 24,921	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,921	2
Contract #D14012i	Stallings (G)-Construction	2	Jones	Carolina Silvics	\$ -	\$ -	\$ 2,245	\$ -	\$ -	\$ -	\$ 2,245	\$ -	\$ 4,490	3
Contract #006255	Non-HQP Preservation Closeout	various	various	Axiom	\$ 134,225	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 134,225	4
Contract #D12010S	Little Pine III	11	Allegheny	Wildlands Engineering, Inc.	\$ 23,500	\$ 23,500	\$ 23,500	\$ 23,500	\$ -	\$ -	\$ -	\$ -	\$ 94,000	5
Contract #D13022S	Little Pine II	11	Allegheny	Confluence Engineering	\$ 31,000	\$ -	\$ -	\$ 38,750	\$ 7,750	\$ 19,375	\$ 19,375	\$ 7,750	\$ 124,000	6
Contract #004691	Sandymush Phase II	13	Buncombe	Equinox Environmental	\$ 1,624	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,624	7
Contract #D14007i	UT West Branch Rocky Riv	10	Mecklenburg	ICA Engineering	\$ 21,000	\$ 7,000	\$ 40,000	\$ 52,000	\$ 10,500		\$ 52,000	\$ 10,500	\$ 193,000	8
<b>Subtotal Design-Bid-Build - Current Contracts</b>					<b>\$ 240,630</b>	<b>\$ 69,030</b>	<b>\$ 112,375</b>	<b>\$ 124,250</b>	<b>\$ 18,250</b>	<b>\$ 19,375</b>	<b>\$ 73,620</b>	<b>\$ 18,250</b>	<b>\$ 675,780</b>	

Design-Bid-Build - New Contracts to be awarded SFY 2015/16 / SFY 2016/17	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design	\$ 25,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 75,000
Construction	\$ 800,000	\$ 585,000	\$ 150,000	\$ 45,000	\$ 700,000	\$ 235,000	\$ -	\$ -	\$ 2,515,000
Acquisition <sup>1</sup>	\$ 52,000	\$ 46,000	\$ 40,000	\$ 40,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 378,000
<b>Subtotal Design-Bid-Build - New Contracts</b>									
	<b>\$ 877,000</b>	<b>\$ 631,000</b>	<b>\$ 190,000</b>	<b>\$ 85,000</b>	<b>\$ 800,000</b>	<b>\$ 285,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 2,968,000</b>

Design-Bid-Build Total	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	<b>\$1,117,630</b>	<b>\$ 700,030</b>	<b>\$ 302,375</b>	<b>\$ 209,250</b>	<b>\$ 818,250</b>	<b>\$ 304,375</b>	<b>\$ 123,620</b>	<b>\$ 68,250</b>	

# Design-Build

Design-Build - Payments for New Contracts					SFY 2015 / 16				SFY 2016 / 17				Total
Contract Number	Site Name	Division	County	Provider	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
N/A	Millstone Creek	8	Randolph	N/A	\$ 30,000	\$ -	\$ 75,000	\$ 15,000	\$ -	\$ 100,000	\$ 35,000	\$ -	\$ 255,000
Contract #006256	Big Harris	12	Cleveland	Wildlands Engineering, Inc.	\$ -	\$ -	\$ -	\$ 2,200,000	\$ -	\$ 100,000	\$ 625,000	\$ 450,000	\$ 3,375,000
<b>Total Design-Build - New Contracts</b>					<b>\$ 30,000</b>	<b>\$ -</b>	<b>\$ 75,000</b>	<b>\$ 2,215,000</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ 660,000</b>	<b>\$ 450,000</b>	<b>\$ 3,630,000</b>

# Full Delivery Contracts

Full Delivery - Current Contracts					SFY 2015 / 16				SFY 2016 / 17				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	\$ -	\$ 93,119	\$ -	\$ -	\$ -	\$ -	\$ 93,119	\$ -	\$ 186,238	9
Contract #003989	Devil's Racetrack	4	Johnston	Wildlands Engineering, Inc.	\$ -	\$ 420,966	\$ -	\$ -	\$ -	\$ 420,966	\$ -	\$ -	\$ 841,932	10
Contract #003267	Little Troublesome Creek	7	Rockingham	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 95,930	\$ -	\$ -	\$ 95,930	\$ -	\$ -	\$ 191,860	11
Contract #005012	Bowl Basin	3	Onslow	KCI Associates of NC	\$ -	\$ 26,460	\$ -	\$ -	\$ -	\$ -	\$ 26,460	\$ -	\$ 52,920	12
Contract #005010	Norman's Pasture	3	Sampson	KCI Associates of NC	\$ 130,260	\$ 130,260	\$ -	\$ -	\$ -	\$ -	\$ 65,130	\$ -	\$ 325,650	13
Contract #005787	Norman's Pasture II	3	Sampson	KCI Technologies	\$ 79,187	\$ 105,582	\$ -	\$ -	\$ -	\$ -	\$ 26,396	\$ -	\$ 211,165	14
Contract #005011	Cedar Creek	3	Sampson	Environmental Banc & Exchange, LLC	\$ 95,500	\$ -	\$ 95,500	\$ -	\$ -	\$ -	\$ 95,500	\$ -	\$ 286,500	15
Contract #005000	UT to Millers Creek	3	Duplin	Florence and Hutcheson, Inc	\$ 101,363	\$ -	\$ 50,681	\$ -	\$ -	\$ -	\$ 50,681	\$ -	\$ 202,725	16
Contract #004631	Best Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ 134,904	\$ -	\$ 134,904	\$ -	\$ -	\$ -	\$ 134,904	\$ -	\$ 404,712	17
Contract #004632	Muddy Run II Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 127,700	\$ -	\$ -	\$ -	\$ 127,700	\$ -	\$ 255,400	18
Contract #004954	Foust Creek	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 89,817	\$ -	\$ -	\$ -	\$ 89,817	\$ -	\$ -	\$ 179,634	19
Contract #004949	Agony Acres	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 113,521	\$ -	\$ -	\$ -	\$ 113,521	\$ -	\$ -	\$ 227,042	20
Contract #004951	UT to Cane Creek	7	Alamance	Michael Baker Engineering, Inc	\$ -	\$ 66,930	\$ -	\$ -	\$ -	\$ 66,930	\$ -	\$ -	\$ 133,860	21
Contract # 005151	Stanleys II	1	Northampton	KCI Associates of NC	\$ -	\$ 21,125	\$ -	\$ -	\$ -	\$ 21,125	\$ -	\$ -	\$ 42,250	22
Contract #004635	Stanleys Slough	1	Northampton	KCI Associates of NC	\$ -	\$ 78,377	\$ -	\$ -	\$ -	\$ 78,377	\$ -	\$ -	\$ 156,754	23
Contract #004628	Hofler Property	1	Gates	Albemarle Restorations, LLC	\$ -	\$ 30,800	\$ -	\$ -	\$ -	\$ 30,800	\$ -	\$ -	\$ 61,600	24
Contract #D06040-A	Plum Creek	3	Brunswick	The Louis Berger Group	\$ 62,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,000	25
Contract #D06001	Mason Farm	1	Hyde	Albemarle Restorations, LLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,000	\$ -	\$ -	\$ 36,000	26
Contract #005790	Abbey Lamm	7	Alamance	Restoration Systems, LLC	\$ 485,306	\$ 291,183	\$ -	\$ -	\$ 485,306	\$ 194,122	\$ -	\$ -	\$ 1,455,917	27
Contract #005791	Aycock Springs	7	Alamance	Restoration Systems, LLC	\$ 332,858	\$ 199,715	\$ -	\$ -	\$ 199,715	\$ 266,286	\$ -	\$ -	\$ 998,574	28
Contract #005792	Browns Summit Creek	7	Guilford	Michael Baker Engineering, Inc	\$ -	\$ 299,625	\$ 399,500	\$ -	\$ -	\$ 99,875	\$ -	\$ -	\$ 799,000	29
Contract #005793	Maney Farm	8	Chatham	Wildlands Engineering, Inc.	\$ -	\$ -	\$ -	\$ -	\$ 262,802	\$ 175,201	\$ 175,201	\$ -	\$ 613,204	30
Contract #005794	Candy Creek	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 1,383,312	\$ 553,325	\$ -	\$ -	\$ -	\$ -	\$ 1,936,637	31
Contract #005795	Holman Mill	7	Alamance	Wildlands Engineering, Inc.	\$ 70,744	\$ -	\$ 212,231	\$ 282,974	\$ -	\$ -	\$ 353,718	\$ 141,487	\$ 1,061,154	32
Contract #D06027-A	Blockhouse Creek	14	Polk	Baker Engineering NY, Inc.	\$ -	\$ 62,438	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,438	33
Contract #D06027-C	Puzzle Creek	13	Rutherford	Baker Engineering NY, Inc.	\$ -	\$ -	\$ 59,344	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,344	34
Contract #D06046-A	Logan Creek	14	Jackson	Baker Engineering NY, Inc.	\$ 46,527	\$ -	\$ 93,053	\$ -	\$ -	\$ -	\$ 46,527	\$ -	\$ 186,106	35

# Full Delivery Contracts (page 2)

Full Delivery - Current Contracts (continued)					SFY 2015 / 16				SFY 2016 / 17				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 #D06125-B	Elk Branch	13	Mitchell	Baker Engineering NY, Inc.	\$ -	\$ -	\$ 35,862	\$ -	\$ -	\$ -	\$ 35,862	\$ -	\$ 71,724	36
Contract #000613	Snowbird Tributaries	14	Graham	Baker Engineering NY, Inc.	\$ -	\$ -	\$ 30,524	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,524	37
Contract #002024	North Fork Mountain Creek	12	Catawba	Environmental Banc & Exchange, LLC	\$ -		\$ 55,953	\$ -	\$ -	\$ -	\$ 55,953	\$ -	\$ 111,905	38
Contract #002030	Scaly Bark Creek	10	Stanly	Wildlands Engineering, Inc.	\$ -	\$ 89,500	\$ -	\$ -	\$ -	\$ 86,323	\$ -	\$ -	\$ 175,823	39
Contract #003244	Summit Seep	9	Davidson	Restoration Systems, LLC	\$ -	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,500	40
Contract #003271	Herman Dairy Farm	12	Alexander	Restoration Systems, LLC	\$ -	\$ -	\$ 83,003	\$ -	\$ -	\$ -	\$ 83,003	\$ -	\$ 166,005	41
Contract #003273	Buffalo Flats	10	Cabarrus	KCI Associates of NC	\$ -	\$ 62,175	\$ -	\$ -	\$ -	\$ 62,175	\$ -	\$ -	\$ 124,350	42
Contract #003983	Jacobs Ladder	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ -	\$ 69,584	\$ -	\$ -	\$ 69,584	\$ -	\$ 139,167	43
Contract #003984	Jacobs Landing	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ -	\$ 63,845	\$ -	\$ -	\$ 63,845	\$ -	\$ 127,690	44
Contract #003991	601 North II	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ 56,072	\$ -	\$ -	\$ -	\$ 56,072	\$ -	\$ -	\$ 112,143	45
Contract #003990	Town Creek	10	Stanly	Baker Engineering NY, Inc.	\$ 149,521	\$ 99,680	\$ 49,840	\$ 49,840	\$ -	\$ -	\$ -	\$ 49,840	\$ 398,721	46
Contract #003277	UT to Town Creek	10	Stanly	Baker Engineering NY, Inc.	\$ 288,135	\$ 192,090	\$ 96,045	\$ 192,090	\$ -	\$ -	\$ -	\$ 96,045	\$ 864,405	47
Contract #004644	Pee Dee Stream	10	Union	Environmental Banc & Exchange, LLC	\$ 214,200	\$ 107,100	\$ -	\$ -	\$ -	\$ 107,100	\$ -	\$ -	\$ 428,400	48
Contract #004641	Brown Creek Tributaries	10	Anson	Baker Engineering NY, Inc.	\$ -	\$ 140,000	\$ 280,000	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ 560,000	49
Contract #004642	Hopewell	8	Randolph	Wildlands Engineering, Inc.	\$ -	\$ 121,000	\$ -	\$ -	\$ -	\$ 121,000	\$ -	\$ -	\$ 242,000	50
Contract #000615	East Buffalo Creek	14	Graham	Baker Engineering NY, Inc.	\$ -	\$ -	\$ 24,619	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,619	51
Contract #002029	Little Buffalo Creek	10	Cabarrus	Louis Berger	\$ -	\$ -	\$ 185,100	\$ -	\$ -	\$ -	\$ 92,550	\$ -	\$ 277,650	52
Contract #003979	Junes Branch	14	Jackson	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 59,850	\$ -	\$ -	\$ -	\$ 59,850	\$ -	\$ 119,700	53
Contract #004672	Poplin Ridge Site	10	Union	Environmental Banc & Exchange, LLC	\$ 105,010	\$ -	\$ 105,010	\$ -	\$ -	\$ -	\$ 105,010	\$ -	\$ 315,030	54
Contract #004673	Norkett Branch	10	Union	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 165,102	\$ -	\$ -	\$ -	\$ 165,102	\$ -	\$ 330,205	55
Contract #004925	601 East	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 64,904	\$ -	\$ -	\$ -	\$ 64,904	\$ -	\$ 129,809	56
Contract #D06035-A	Morgan Creek-French Broad	14	Haywood	Restoration Systems, LLC	\$ -	\$ 12,211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,211	57
Contract #5999	Vile Creek	11	Alleghany	Wildlands	\$ 240,000	\$ -	\$ 320,000	\$ -	\$ 240,000	\$ -	\$ 160,000	\$ 160,000	\$ 1,120,000	58
Contract # 005782	Henry Fork (Only Stream is 2984)	12	Catawba	Wildlands	\$ 242,325	\$ -	\$ 242,325	\$ 161,550	\$ 161,550	\$ -	\$ -	\$ 80,775	\$ 888,525	59
Contract #5786	Roses Creek	13	Burke	ICA	\$ 300,000	\$ -	\$ 400,000	\$ -	\$ 300,000	\$ -	\$ 200,000	\$ 200,000	\$ 1,400,000	60
<b>Subtotal Full Delivery - Current Contracts</b>					<b>\$3,077,839</b>	<b>\$2,922,245</b>	<b>\$4,850,290</b>	<b>\$1,373,207</b>	<b>\$1,649,373</b>	<b>\$2,261,620</b>	<b>\$2,350,998</b>	<b>\$728,147</b>	<b>\$ 19,213,719</b>	

Full Delivery - Payments for New Contracts to be awarded -- SFY 2015/16 / SFY 2016/17		SFY 2015 / 16				SFY 2016 / 17				Total
		Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	Stream / Wetland	\$ 675,000	\$ 1,400,000	\$ 2,900,000	\$ 9,900,000	\$ 10,900,000	\$ -	\$ 17,500,000	\$ 1,500,000	\$ 44,775,000
	Riparian Buffer	\$ -	\$ -	\$ 1,125,000	\$ -	\$ -	\$ 225,000	\$ -	\$ 1,350,000	\$ 2,700,000
<b>Subtotal Full Delivery - New Contracts (includes Mitigation Bank Credit Purchases)</b>		<b>\$ 675,000</b>	<b>\$ 1,400,000</b>	<b>\$ 4,025,000</b>	<b>\$ 9,900,000</b>	<b>\$ 10,900,000</b>	<b>\$ 225,000</b>	<b>\$ 17,500,000</b>	<b>\$ 2,850,000</b>	<b>\$ 47,475,000</b>

Full Delivery Total	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$3,752,839	\$4,322,245	\$8,875,290	\$11,273,207	\$12,549,373	\$2,486,620	\$19,850,998	\$3,578,147	\$ 66,688,719

# Monitoring / Maintenance, Repair and Equipment Contracts

## Monitoring

Monitoring - Current Contracts					SFY 2015 / 16				SFY 2016 / 17				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 #004317	Moore Property	4	Johnston	Kimley-Horn	\$ 7,300	\$ 17,520	\$ 14,600	\$ 14,600	\$ -	\$ -	\$ -	\$ -	\$ 54,020	61
Contract #D09119S	Oakley Crossroads	2	Pitt	Stantec	\$ 7,652	\$ 14,210	\$ 7,666	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,528	62
Contract #005765	Stallings (G)	2	Jones	Robert J. Goldstein & Associates	\$ -	\$ 5,516	\$ -	\$ -	\$ -	\$ 5,516	\$ -	\$ -	\$ 11,032	63
Contract #004998	Little Alamance Creek	7	Alamance	EEE Consulting, Inc.	\$ -	\$ -	\$ 8,623	\$ 2,875	\$ -	\$ -	\$ 8,623	\$ 2,875	\$ 22,996	64
Contract #004801	Greenbrier Creek	7	Chatham	Axiom Environmental, Inc.	\$ -	\$ -	\$ 9,444	\$ 3,150	\$ -	\$ -	\$ 9,444	\$ 3,150	\$ 25,188	65
Contract #004800	Meadowbranch	6	Robeson	URS	\$ -	\$ 6,589	\$ -	\$ 2,196	\$ -	\$ -	\$ -	\$ -	\$ 8,785	66
Contract #004545	UT to Haw (Beckom)	7	Alamance	Axiom Environmental, Inc.	\$ -	\$ -	\$ 6,213	\$ 1,553	\$ -	\$ -	\$ 4,660	\$ 1,553	\$ 13,979	67
Contract #004834	Adkins Branch	2	Lenoir	ICA Engineering	\$ -	\$ -	\$ 30,136	\$ 7,534	\$ -	\$ -	\$ 22,602	\$ 7,534	\$ 67,806	68
Contract #004711	Little Troublesome	7	Rockingham	KCI Associates of NC	\$ -	\$ 7,300	\$ 3,300	\$ 3,000	\$ -	\$ -	\$ -	\$ -	\$ 13,600	69
Contract #D08042S	UT to Bear Creek (Weaver / McLeod)	8	Chatham	RJGoldstein	\$ -	\$ 19,570	\$ 7,560	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,130	70
Contract #004682	Sandy Creek (Charles Williams)	8	Randolph	Sungate Design Group, PA	\$ 12,840	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,840	\$ -	\$ 25,680	71
Contract #005367	Meredell Farm Site	8	Randolph	SEPI Engineering & Construction, Inc.	\$ -	\$ 8,640	\$ 1,080	\$ 1,080	\$ -	\$ -	\$ -	\$ -	\$ 10,800	72
Contract #005715	Bear Creek (Phillips Tract)	8	Chatham	Axiom Environmental, Inc.	\$ 1,109	\$ 5,545		\$ 2,772	\$ 554	\$ 5,545		\$ 2,773	\$ 18,298	73
Contract #005365	Morgan Creek Floodplain	7	Orange	Mogensen Mitigation, Inc.	\$ -	\$ 3,750	\$ 1,500	\$ -	\$ -	\$ 3,000	\$ 750	\$ -	\$ 9,000	74
Contract #004788	Ut Haw	7	Alamance	Mulkey	\$ -	\$ 9,500	\$ -	\$ 3,200	\$ -	\$ 9,500	\$ -	\$ 3,200	\$ 25,400	75
Contract #005362	Valley Fields	9	Davidson	KCI	\$ 4,878	\$ 9,756	\$ 2,438	\$ -	\$ 2,438	\$ -	\$ 18,250	\$ -	\$ 37,759	76
Contract #006017	Millstone	8	Randolph	NCSU	\$ 36,138	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,138	77
Contract #004804	UT to Hauser Creek	9	Davie	Axiom	\$ 3,061	\$ -	\$ 7,652	\$ -	\$ 3,061	\$ -	\$ 7,652	\$ -	\$ 21,426	78
Contract #004538	Newfound Creek	13	Buncombe	URS	\$ 4,760	\$ -	\$ 14,275	\$ -	\$ 4,760	\$ -	\$ 9,520	\$ 4,760	\$ 38,075	79
Contract #005767	Helms	9	Rowan	Axiom	\$ 1,800	\$ -	\$ 3,000	\$ -	\$ -	\$ 2,400	\$ -	\$ -	\$ 7,200	80
Contract #005764	Suther	10	Cabarrus	Goldstein	\$ 1,943	\$ 7,770	\$ 1,943	\$ -	\$ 5,827	\$ -	\$ 7,770	\$ -	\$ 25,253	81
Contract #005361	Lewis Creek	14	Henderson	Mogensen	\$ -	\$ 7,375	\$ 1,475	\$ -	\$ 1,475	\$ -	\$ -	\$ -	\$ 10,325	82
Contract #D08033S	Glade Creek	11	Alleghany	Equinox Environmental	\$ -	\$ -	\$ 17,809	\$ -	\$ -	\$ 5,670	\$ -	\$ -	\$ 23,479	83
Contract #005717	UT Martin Creek/Martin II	14	Cherokee	Axiom	\$ 2,980	\$ 14,900	\$ -	\$ 7,450	\$ 1,490	\$ 14,900	\$ -	\$ 7,450	\$ 49,170	84
Contract #004495	UT to Crab Creek	11	Alleghany	Equinox Environmental	\$ -	\$ 7,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,700	85
Contract #004391	McKee	10	Cabarrus	Withers and Ravenel	\$ 5,965	\$ -	\$ 11,931	\$ -	\$ 5,965	\$ -	\$ 11,931	\$ 4,971	\$ 40,763	86
Contract #004490	Cat Creek Monitoring	14	Macon	Equinox Environmental	\$ -	\$ 3,155	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,155	87

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

Monitoring - Current Contracts (continued)					SFY 2015 / 16				SFY 2016 / 17				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 #006036	Five Mile Branch	12	Iredell	Arcadis	\$ 3,748	\$ -	\$ 14,992	\$ -	\$ 3,748	\$ -	\$ 11,244	\$ 3,748	\$ 37,480	88
Contract #004803	Mill Creek (Formerly Uwharrie Heritage)	8	Randolph	Axiom	\$ 3,000	\$ 9,000	\$ -	\$ -	\$ 3,000	\$ 6,000	\$ 3,000	\$ 3,000	\$ 27,000	89
Contract #004661	Big Harris	12	Cleveland	Western Carolina Univ.	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 3,800	\$ 3,800	\$ 3,800	\$ -	90
<b>Subtotal Monitoring / Maintenance - Current Contracts (Monitoring)</b>					<b>\$99,674</b>	<b>\$ 160,295</b>	<b>\$ 168,136</b>	<b>\$ 51,910</b>	<b>\$ 34,818</b>	<b>\$ 56,331</b>	<b>\$ 132,085</b>	<b>\$ 48,814</b>	<b>\$ 752,064</b>	

Monitoring - New Contracts to be awarded SFY 2015/16 / SFY 2016/17					SFY 2015 / 16				SFY 2016 / 17				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									
Monitoring <sup>2</sup>	Statewide	Multiple	Statewide	Undetermined	\$ 15,000	\$ -	\$ 45,000	\$ 20,000	\$ 20,000	\$ 43,000	\$ 65,000	\$ -	\$ 208,000
Restoration Project Data Entry	Statewide	Multiple	Statewide	Undetermined	\$ 3,600	\$ 3,600	\$ 3,600	\$ 1,200	\$ -	\$ -	\$ -	\$ -	\$ 12,000
<b>Subtotal Monitoring / Maintenance - New Contracts (Monitoring)</b>					<b>\$ 18,600</b>	<b>\$ 3,600</b>	<b>\$ 48,600</b>	<b>\$ 21,200</b>	<b>\$ 20,000</b>	<b>\$ 43,000</b>	<b>\$ 65,000</b>	<b>\$ -</b>	<b>\$ 220,000</b>

Monitoring - Total	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
		\$118,274	\$ 163,895	\$ 216,736	\$ 73,110	\$ 54,818	\$ 99,331	\$ 197,085	

# Monitoring / Maintenance, Repair and Equipment Contracts (page 3)

## Maintenance, Repair and Equipment

					SFY 2015 / 16				SFY 2016 / 17				
<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 #D13002s	Veg Install & Management	Multiple	Statewide	Carolina Silvics	\$ -	\$ 8,531	\$ -	\$ 8,532	\$ -	\$ 25,594	\$ -	\$ -	\$ 42,657
Contract #D14013i	Invasives Management	Multiple	Statewide	Carolina Silvics	\$ -	\$ 3,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000
Contract #D14019s	Bear Creek Maintenance	8	Chatham	Carolina Silvics	\$ -	\$ 497	\$ -	\$ -	\$ -	\$ 248	\$ -	\$ -	\$ 745
Contract #005194	Nuisance Species removal	Multiple	Statewide	USDA-Aphis	\$ -	\$ -	\$ -	\$ 133,000	\$ -	\$ -	\$ -	\$ 133,000	\$ 266,000
Contract #D14004i	Veg Install & Management	Multiple	Statewide	Keller Environmental	\$ 733	\$ 19,111	\$ -	\$ -	\$ 2,264	\$ 2,264	\$ -	\$ 2,264	\$ 26,637
Contract #D14006i	InvasiveManagement	Multiple	Statewide	Equinox Inc	\$ 8,282	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,282
<b>Maintenance, Repair and Equipment - Current Contracts Subtotal</b>					<b>\$ 9,015</b>	<b>\$ 31,139</b>	<b>\$ -</b>	<b>\$ 141,532</b>	<b>\$ 2,264</b>	<b>\$ 28,106</b>	<b>\$ -</b>	<b>\$ 135,264</b>	<b>\$ 347,321</b>

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					SFY 2015 / 16				SFY 2016 / 17				
<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	various	tbd	\$ 80,000	\$ 200,000	\$ 62,000	\$ 80,000	\$ 5,000	\$ 110,000	\$ 20,000	\$ 60,000	\$ 617,000
Gauges and Equipment <sup>4</sup>		Multiple	various	tbd	\$ 2,000	\$ 2,500	\$ 3,000	\$ 2,500	\$ 2,000	\$ 2,500	\$ 3,000	\$ 5,000	\$ 22,500
<b>Maintenance, Repair and Equipment - New Contracts Subtotal</b>					<b>\$ 82,000</b>	<b>\$ 202,500</b>	<b>\$ 65,000</b>	<b>\$ 82,500</b>	<b>\$ 7,000</b>	<b>\$ 112,500</b>	<b>\$ 23,000</b>	<b>\$ 65,000</b>	<b>\$ 639,500</b>

					SFY 2015 / 16				SFY 2016 / 17				
<b>Maintenance, Repair and Equipment - Total</b>					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
					\$ 91,015	\$ 233,639	\$ 65,000	\$ 224,032	\$ 9,264	\$ 140,606	\$ 23,000	\$ 200,264	\$ 986,821

					SFY 2015 / 16				SFY 2016 / 17				
<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
					\$ 209,289	\$ 397,534	\$ 281,736	\$ 297,142	\$ 64,083	\$ 239,937	\$ 220,085	\$ 249,078	\$ 1,958,885

<sup>1</sup>Includes any new acquisitions requiring DB / DBB implementation and/or boundary marking.

<sup>2</sup>New Monitoring is based on 6 additional projects for 2015 / 2016

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

<sup>4</sup>Equipment costs based on additional new gauges needed and maintenance required for existing gauges

# Summary of Stewardship Costs

	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Stewardship	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 600,000

**NOTES:**

The budget is based on the number of projects currently in DENR Stewardship, the number of project that are expected to be closed out and transferred to DENR Stewardship in SFY 2015 / 16 and SFY 2016 / 17, and the Standard Operation Procedures agreed to by NCDENR 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 DENR Office of Land and Water Stewardship according to the contract with NCDOT. According to other terms of that contract, DENR will be developing endowment estimates for mitigation sites during the coming fiscal year. NCDOT and DENR will evaluate those endowment estimates and may alter the SFY 2015 / 16 budget to pay endowments for some mitigation sites.

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

Sites in Stewardship	IMS ID
Scaly Bark Creek Mitigation Site	94148
UT to Goose Creek (Coats)	93876
Dog Bite Creek	92533
Three Mile Creek	92664
Little Troublesome	749
Paint Fork Creek(Brigmon Site)	92700
Oakley Crossroads (G)	273
UT to Haw (Beckom)	92694
Sharpe Wetland Preservation	92241
Naked Creek	261
UT To The Lumber River	94068
McDonald's Pond	242
Nicholls Farm (Troublesome Creek)	441
Brown Farm	92207
Anderson Swamp	92526
Modlin Site	92227
Conoconnara Swamp	92226
Silver Creek-Conway	92218
Beaverdam Creek	92217
Harrell Site	92230
Collins Site	92205
Mocassin Creek (G)	256
Timberlake (Great Dismal Swamp)	92557
Brown Marsh Swamp	92517
Mason Farm	92328
Gatlin Swamp	92228
Gray Farm	92219
Ellington Branch	92520
Floogie Site	92486
Morgan Creek	92527
Holly Grove	92523
Big Cedar Creek	92532
Little White Oak Creek	92534
Davis Branch	92543
Beaverdam Creek and Trib (Parker Site)	92586
UT to Crooked Creek/Speas Property (G)	434
Cane Creek	92325
East Tarboro Canal (G)	123
Badin Inn	92666
Morgan Creek (French Broad)	92531
North Muddy Creek	92611
Rockwell Pastures	92758
Tributary to Reedy Fork Creek	92528
Perry Property (UT to Pembroke)	283

Sites in Stewardship	IMS ID
Stricker Branch	92556
Wolf Pond	92551
Jarmans Oak	92550
601 North Property	92546
601 West Property	92545
Cane Creek (FD)	92521
Pinch Gut Tributary	92518
Crowns West	92329
Duke Swamp	92544
Powell Property	92548
Farrar Dairy	92552
Columbus	92760
Thompson's Fork and Tributary	92524
Daniels Farm #2	92229
Simpson Wetland	92234
UT Bear Creek (Weaver/McLeod property) (G)	92347
Wildcat Branch	92508
UT to Crab Creek	857
UT to Back Creek	92598
Cat Creek	71
Johnson Site (Hunting Creek)	197
Helms	172
Glade Creek	854
Little River Farm	92759
Valleyfields Farm	407
Suther	370
Puzzle Creek	92522
Morgan Creek Floodplain	258
Rowan	317
River Bend	307
Adkins Branch (Phase II)	7
Snowbird Tributaries	92764
Moore Property (G)	725
Summit Seep Wetland Mitigation	94646
Flint Rock Farm #2	92812
Mark's Creek TESC	92248

# 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 2015-2016 biennial budget includes funding to complete one previously approved regional watershed planning effort as well as the River Basin Restoration Priority (RBRP) update process. The Division has improved its River Basin Restoration Priority (RBRP) processes to realize cost efficiencies and to improve the utility of planning products. The updated process emphasizes functional analyses at variable geospatial scales. This budget also funds RBRP updates for up to four river basins in the state as required by the US Army Corps of Engineers.

The Division of Mitigation Services has included funding for the development of a regional watershed plan for CF 02/03 in anticipation of extensive future mitigation needs. Contingency funding is also included to account for updates to existing plans within Catalog Units with high impacts as a result of updated TIP prioritization.

Section 332.8 c(2)(x) of the 2008 federal mitigation rule requires periodic evaluation and reporting to determine how the program is meeting its aquatic resource goals and objectives. The Division has incorporated funding for post-implementation monitoring to address this requirement.

Current Watershed Plans (active contracts)*	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
<b>Watersheds</b>									
Neuse 01 Regional Plan	\$ 30,752	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,752
RBRP Process Revisions and Basin Updates**	\$ 59,150	\$ 62,300	\$ 19,464	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,914
<b>Subtotal - Project Development Current Contracts Projected Cost</b>	<b>\$ 89,902</b>	<b>\$ 62,300</b>	<b>\$ 19,464</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 171,666</b>

Project Development - New Contracts Projected Cost	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Proposed CF02/03 Regional Plan	\$ -	\$ 8,500	\$ 17,000	\$ 42,500	\$ 85,000	\$ 42,500	\$ 42,500	\$ 17,000	\$ 255,000
Contingency (LWP Updates)	\$ -	\$ -	\$ -	\$ 17,000	\$ 34,000	\$ 42,500	\$ 25,500	\$ 8,500	\$ 127,500
RBRP Basin Updates***	\$ -	\$ -	\$ -	\$ 34,000	\$ 42,500	\$ 51,000	\$ 42,500	\$ 34,000	\$ 204,000
Post-Plan Implementation Monitoring and Modeling	\$ -	\$ -	\$ -	\$ 25,500	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 121,500
<b>Subtotal - Project Development - New Contracts</b>	<b>\$ -</b>	<b>\$ 8,500</b>	<b>\$ 17,000</b>	<b>\$ 119,000</b>	<b>\$ 185,500</b>	<b>\$ 160,000</b>	<b>\$ 134,500</b>	<b>\$ 83,500</b>	<b>\$ 708,000</b>

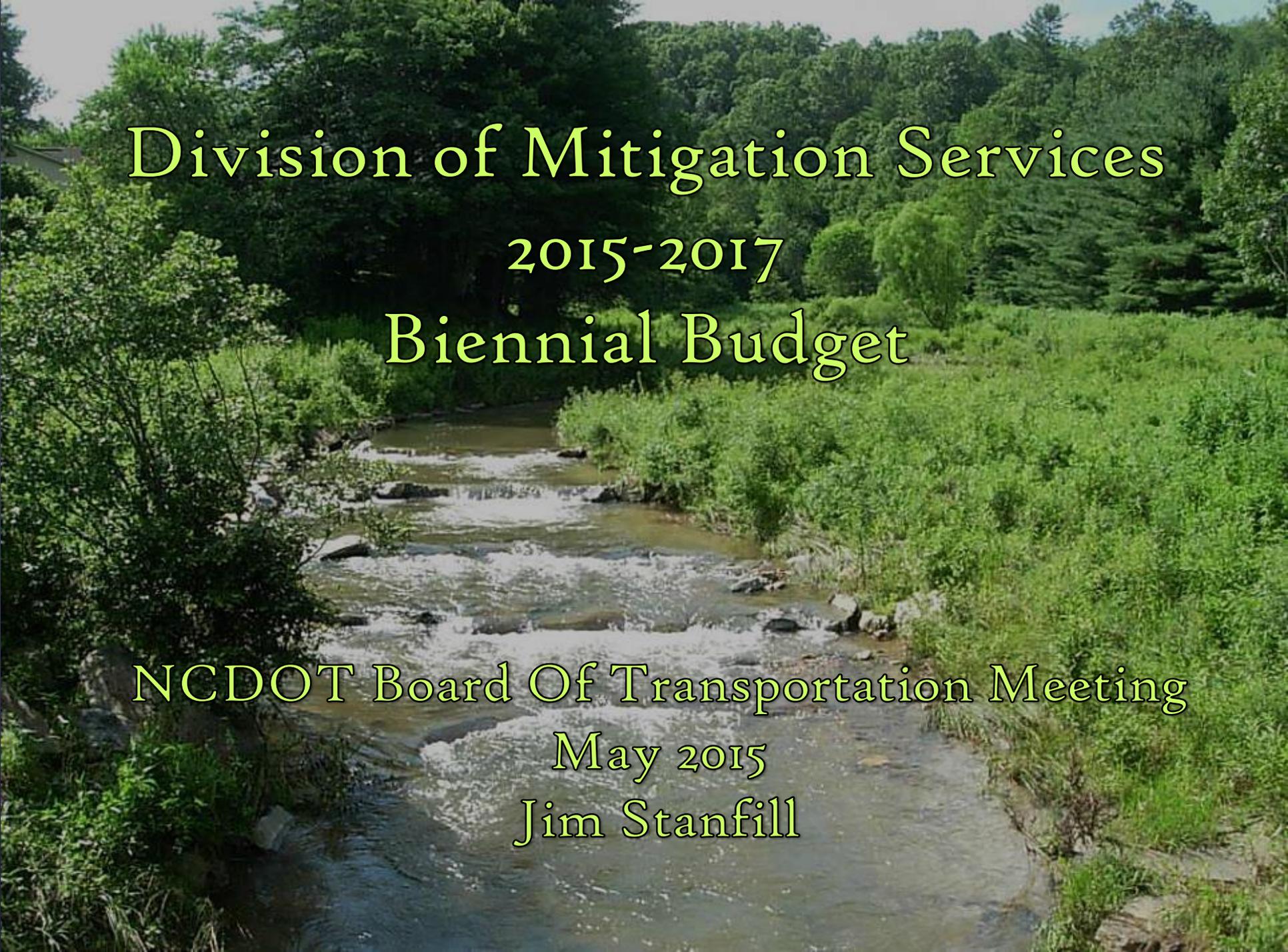
CFR Planning Framework - TOTAL	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	<b>\$ 89,902</b>	<b>\$ 70,800</b>	<b>\$ 36,464</b>	<b>\$ 119,000</b>	<b>\$ 185,500</b>	<b>\$ 160,000</b>	<b>\$ 134,500</b>	<b>\$ 83,500</b>	<b>\$ 879,666</b>

**NOTES:**

\*Estimated cost to complete existing watershed plans.

\*\*The Division is contracting out the technical development for the River Basin Restoration Priority (RBRP) methodology. Included in the contract are completion of Catawba and Tar-Pamlico RBRP updates. Additional supplement of \$10,000 incorporated to support online planning tool.

\*\*\*This amount will be used to update additional river basins across the state as required by USACE.



# Division of Mitigation Services

2015-2017

## Biennial Budget

NCDOT Board Of Transportation Meeting

May 2015

Jim Stanfill

# Name Change



SL 2015-1 HB 157

DIVISION OF  
**MITIGATION**  
**SERVICES**

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

# WHAT WE DO



Support Economic  
Development:

COST CERTAINTY

REGULATORY  
ACCEPTANCE

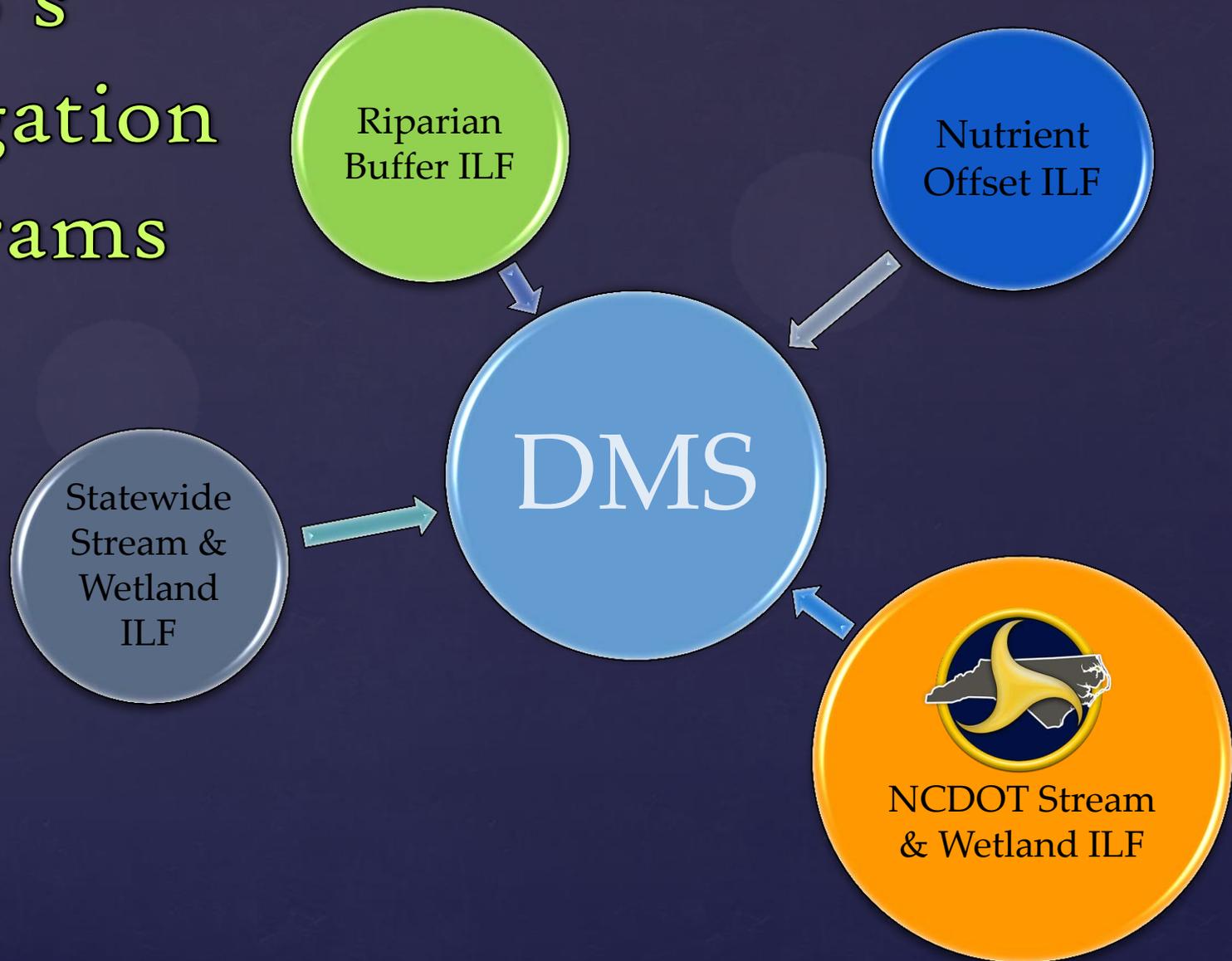
Compensatory  
Mitigation

Stream,  
Wetland,  
Riparian Buffer  
and Nutrient

Focus  
Mitigation  
Investments

PARTNERS  
Landowners  
Contractors  
Investors  
Engineers  
Cities/Counties

# DMS's Mitigation Programs



# DMS Private Sector Customers:

CVS/pharmacy

OUTBACK STEAKHOUSE

ACE Hardware

AutoZone

ALDI

CARRABBA'S ITALIAN GRILL

NORTH STATE BANK  
Experience relationship banking.

THE UMSTEAD HOTEL AND SPA

Advance Auto Parts Professional  
Service is our best part.

AT&T

DOLLAR GENERAL

FRIDAYS

CRESCENT STATE BANK

SLEEP INN

ASC

THE EAST CAROLINA BANK  
EST. 1920  
ECB

COASTAL MINI STORAGE

DUTY TIRE & SERVICE CENTER

BB&T

Bank of America

COSTCO WHOLESALE

DUNKIN' DONUTS

Wendy's

Applebee's

BELLSOUTH

Bojangles'  
Famous Chicken 'n Biscuits

Hampton

Hendrick  
BUICK GMC CADILLAC

Pizza Hut

verizon

COOK-OUT

HYATT

THE NEWS & OBSERVER

FAIRFIELD INN & SUITES  
Marriott

ingles

FedEx

Olive Garden  
ITALIAN RESTAURANT

Walmart

Lowe's foods

LOWE'S  
Home Improvement Warehouse

H

Holiday Inn

IBM Corporation

KFC

WILCO  
HESS

McDonald's

Microtel  
Inns & Suites

FAMOUS FOR  
Steak 'n Shake  
STEAKBURGERS

PIEDMONT  
TOWN CENTER

Precision Tune Auto Care

Quarles

FRESH FOOD  
SHEETZ  
MADE TO ORDER

PEPSI

Walgreens  
Super Express Lube

PIEDMONT  
TOWN CENTER

Precision Tune Auto Care

QUINTILES

POLO RALPH LAUREN

Gregory Poole

CAT

PEPSI

STANLEY STEEMER

TRIANGLE TOWN CENTER & COMMONS

NORTH HILLS

WAFFLE HOUSE

# DMS Public Sector Customers:



CHEROKEE



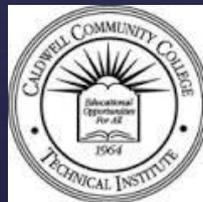
JOHNSTON  
COMMUNITY  
COLLEGE  
One College • Endless Opportunities



UNC CHARLOTTE

CLIFFS OF THE NEUSE  
STATE PARK

NORTH CAROLINA AQUARIUMS  
Inspiring Appreciation and Conservation of North Carolina's Aquatic Environments



MAYO RIVER  
STATE PARK



Rocky Mount High School

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



# NCDOT Statewide Stream & Wetland ILF Program



# SUCCESS

- Zero Project Delays!
- Over \$13.8 Billion Let
- Operate on Cash Flow Basis

Cash Flow Projection

**DMS Biennial Budget State Fiscal Years (SFY) 2015/16 and 2016/17**

**Summary**

Line Item*	SFY 2015 / 16				SFY 2016 / 17				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	07/15 - 09/15	10/15 - 12/15	01/16 - 03/16	04/16 - 06/16	07/16 - 09/16	10/16 - 12/16	01/17 - 03/17	04/17 - 06/17	
Administration									
Salaries	\$ 656,046	\$ 656,046	\$ 656,046	\$ 656,046	\$ 669,163	\$ 669,163	\$ 669,163	\$ 669,163	\$ 5,300,836
Operating	\$ 75,600	\$ 75,600	\$ 75,600	\$ 75,600	\$ 79,120	\$ 79,120	\$ 79,120	\$ 79,120	\$ 618,880
Int. System of Record	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 600,000
SPO and legal	\$ 36,050	\$ 36,050	\$ 36,050	\$ 36,050	\$ 36,050	\$ 36,050	\$ 36,050	\$ 36,050	\$ 288,400
Restoration	\$ 8,460,162	\$ 6,919,810	\$ 11,034,402	\$ 15,494,599	\$ 14,931,706	\$ 4,730,932	\$ 22,354,703	\$ 5,845,475	\$ 89,771,788
Stewardship	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 600,000
Planning Framework	\$ 89,902	\$ 70,800	\$ 36,464	\$ 119,000	\$ 185,500	\$ 160,000	\$ 134,500	\$ 83,500	\$ 879,666

<b>Total (by Quarter)</b>	<b>\$ 9,392,760</b>	<b>\$ 7,983,306</b>	<b>\$ 12,063,562</b>	<b>\$ 16,606,295</b>	<b>\$ 16,126,539</b>	<b>\$ 5,750,265</b>	<b>\$ 23,348,536</b>	<b>\$ 6,788,308</b>	<b>\$ 98,059,570</b>
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Total (Annual)

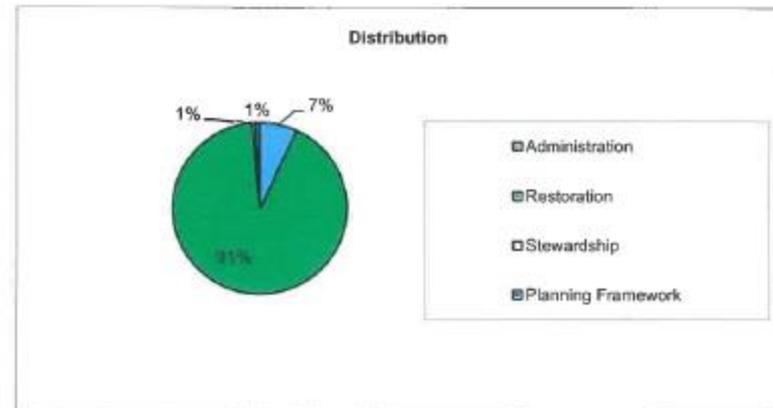
\$ 46,045,922

\$ 52,013,648 \$ 98,059,570

\* See individual line items for details

**Summary**

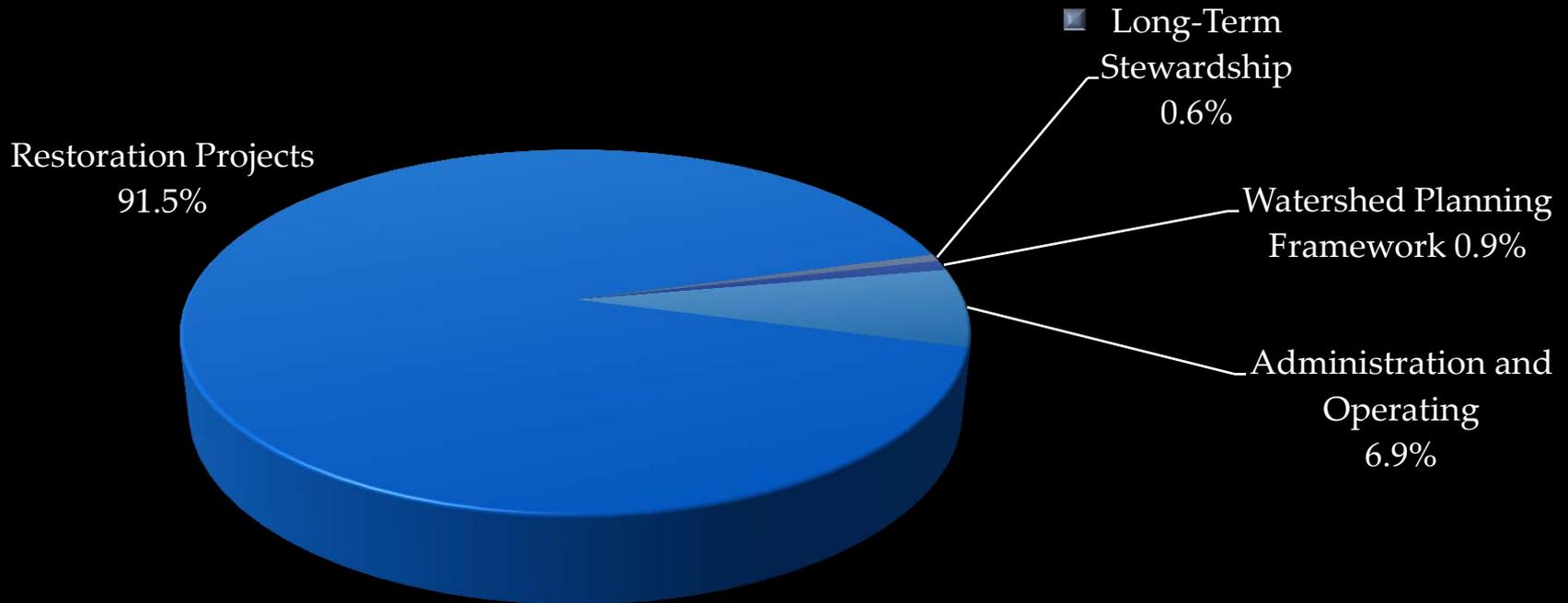
Administration	\$ 6,808,116
Restoration	\$ 89,771,788
Stewardship	\$ 600,000
Planning Framework	\$ 879,666
<b>Biennial Total</b>	<b>\$ 98,059,570</b>



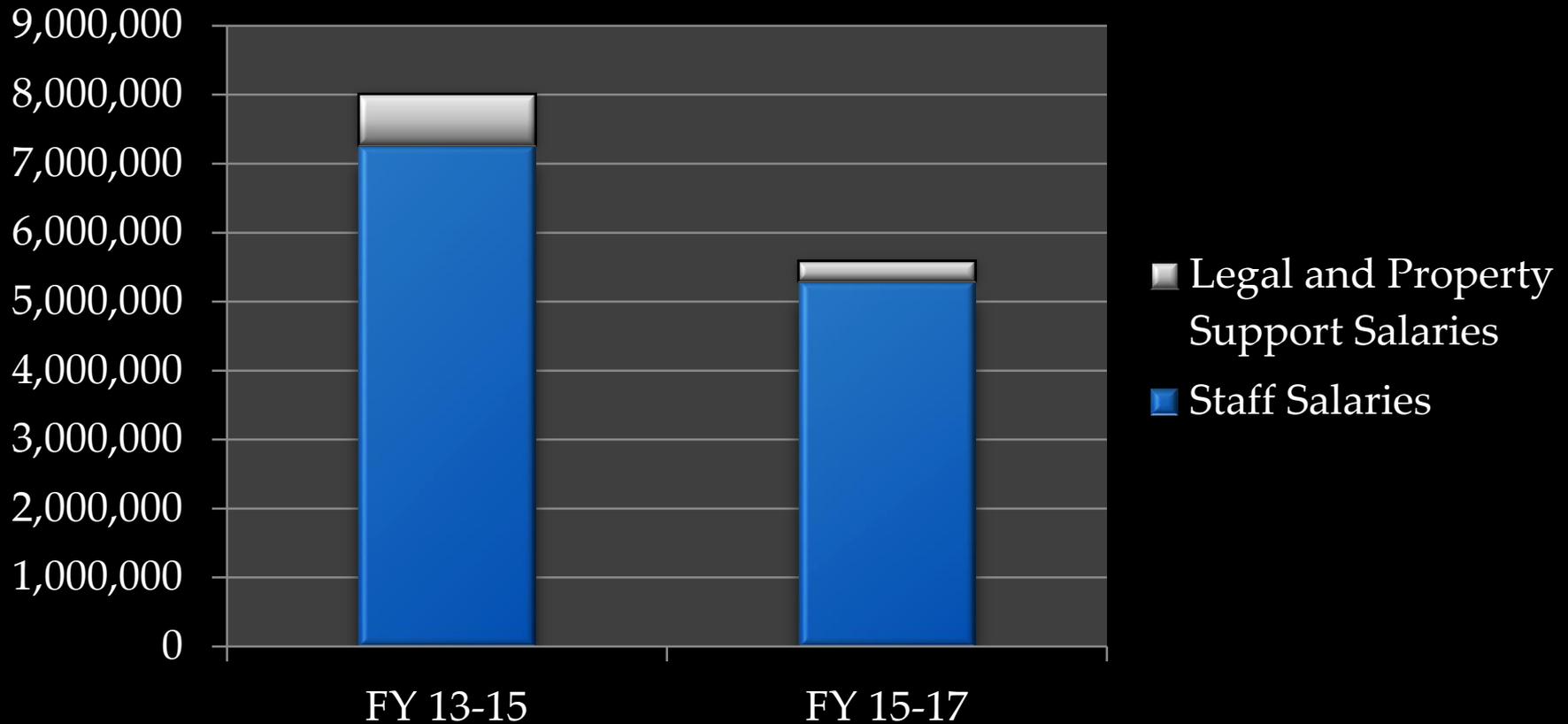
Note: Biennial budget reflects operating requirements of Code of Federal Regulations as agreed with USACE, Wilmington District

# Budgeted Expenditures

**\$98.1 Million Total Budget Fiscal 2015-17**

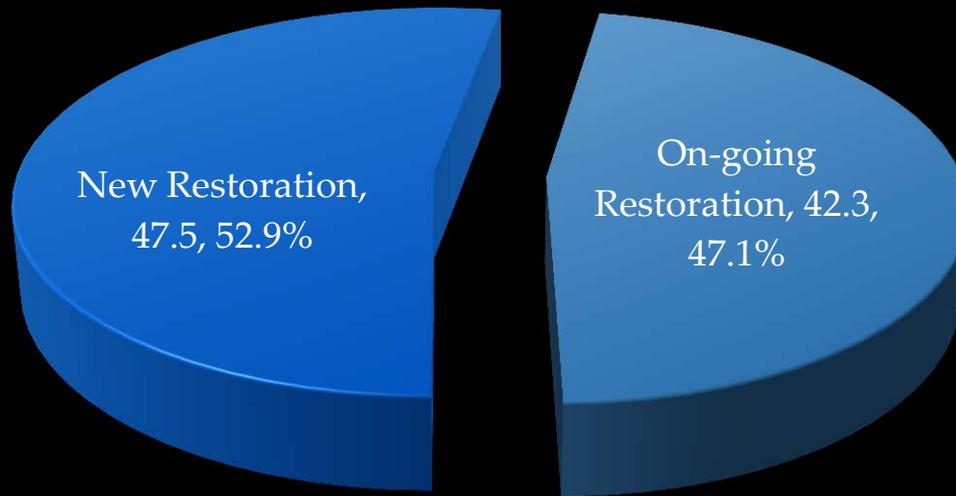


# Admin and Operating Budgets



# Restoration Budget

**\$89.8 Million Restoration Budget - Fiscal 2015-17**



# Questions

Contact us!

NC Division of Mitigation Services

1652 Mail Service Center

Raleigh, NC 27699-1652

919-707-8976

<http://portal.ncdenr.org/web/eep>



**DBE/MB/WB LETTING SUMMARY**

Federal Contract Awards Summary

Oct 2014 let through Apr 2015 let

Federal Fiscal Year 2014/2015

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
		\$	%	\$	%	MB		WB	
	\$			\$		\$	%	\$	%
Monthly	44,896,142.92	3,186,712.16	7.1	2,678,521.90	6.0	1,001,577.50	2.2	1,676,944.40	3.7
FY to Date	<b>556,083,965.35</b>	<b>62,996,327.56</b>	<b>11.3</b>	<b>64,691,522.59</b>	<b>11.6</b>	<b>9,106,163.41</b>	<b>1.6</b>	<b>55,585,368.40</b>	<b>10.0</b>

State Contract Awards Summary

Jul 2014 let through Apr 2015 let

State Fiscal Year 2014/2015

	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
		\$	%	\$	%	\$	%	\$	%
Monthly	33,377,238.29	982,772.44	2.9	845,382.60	2.5	1,526,347.58	4.6	1,993,412.89	6.0
FY to Date	<b>549,268,910.06</b>	<b>24,209,523.22</b>	<b>4.4</b>	<b>22,355,871.53</b>	<b>4.1</b>	<b>30,750,088.03</b>	<b>5.6</b>	<b>32,643,988.67</b>	<b>5.9</b>

Letting Date(s): April 21, 2015

Award Date: May 7, 2015

Award Subject to Secretary's Approval

				ADVERTISED GOALS SET		PARTICIPATION SUBMITTED		GOOD FAITH EFFORT AWARDED		AWARDED BY SECRETARY	
38496.3.FR1 BRNHS- 0070(84) B-4722B C203563	CARTERET	GRADING, DRAINAGE, PAVING, AND STRUCTURES	CAROLINA BRIDGE CO., INC.	3.0		3.0					X
38465.3.FD1 BRZ-1531(5) B-4681 C203621	WILSON	GRADING, DRAINAGE, PAVING & STRUCTURE	KEYSTONE CONTRACTING CO., INC	5.0		5.0					X
42270.3.FR1 BRSTP-0301(25) B-5124 C203564	NASH	GRADING, DRAINAGE, PAVING, AND STRUCTURES	PALMETTO INFRASTRUCTURE INC	8.0		8.0					X
47019.3.FS1 NHPP-095- 2(129)77 I-5303 C203584	JOHNSTON	PAVEMENT REHABILITATION	S. T. WOOTEN CORPORATION	6.0		6.0					X
5CR.10911.14, ETC. C203682	VANCE	MILLING, RESURFACING & SHOULDER RECONSTRUCTION	S. T. WOOTEN CORPORATION	3.0	5.0	1.0	2.4	X			X
5CR.10931.15, ETC. C203680	WARREN	RESURFACING AND SHOULDER RECONSTRUCTION.	S. T. WOOTEN CORPORATION	3.0	5.0	1.6	2.0	X			X
10CR.10131.38, ETC. C203684	CABARRUS	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	BLYTHE CONSTRUCTION, INC.	4.0	5.0	4.0	5.0				X
39894.3.FS1 IMS-77-1(177)39 K-4908 C203566	IREDELL	REST AREA	JIMMY R. LYNCH & SONS, INC.	11.0		5.4		X			X
12CR.10021.13, ETC C203679	ALEXANDER	MILLING, RESURFACING & SHOULDER RECONSTRUCTION	MAYMEAD, INC.	3.0	4.0	1.3	4.0	X			X
12CR.10181.16, ETC. C203677	CATAWBA	MILLING, RESURFACING & SHOULDER RECONSTRUCTION	MAYMEAD, INC.	3.0	4.0	3.0	4.0				X
12CR.10361.19, ETC. C203678	GASTON	MILLING, RESURFACING & SHOULDER RECONSTRUCTION	ASPHALT PAVING OF SHELBY, INC.	3.0	4.0	3.0	4.0				X
33217.3.FS1 BRNHS-221(10) B-3673 C203562	MCDOWELL	GRADING, DRAINAGE, PAVING, RETAINING WALL, AND STRUCTURE	MILLER ENGINEERING COMPANY, INC	7.0		7.0					X
17BP.6.R.63 C203642	COLUMBUS	DESIGN BUILD.	E.S. WAGNER COMPANY, LLC	2.0	4.0	2.0	4.0				X
17BP.7.R.86 C203641	ORANGE, GUILFORD	DESIGN BUILD.	R.E. BURNS & SONS CO., INC.	3.0	5.0	3.0	5.0				X
17BP.7.R.87 C203640	ORANGE, GUILFORD	DESIGN BUILD.	HAYMES BROTHERS, INC.	2.0	5.0	2.0	5.0				X



# Update on STIP Process

Board of Transportation Working Lunch

Susan Pullium

Director of Strategic Planning

May 6, 2015

# Timeline Reminder

Jan–Mar: Draft STIP posted online

Mar–Apr: Public Information Sessions throughout the state

Apr–May: Evaluate input/comments & update Board of Transportation (BOT)

May: Status of Input received on DRAFT 2016-2025 STIP to BOT

June: Adoption of 2016-2025 STIP by Board of Transportation /  
Distribution of STIP book

# Session Locations

**Advertised through statewide press releases & direct mail to 100 organizations/agencies (including minority and under-represented groups)**

**Disseminated through respective MPOs/RPOs/Councils of Gov't mailing lists**

## **10 Sites Across the State (March 17 – April 23)**

Williamston

Kenansville

Hillsborough

Greensboro

Fayetteville

Albemarle

Hickory

Waynesville

Kernersville

Wake Forest – Included “Live Q&A Webcasts” at the top of each hour

# Session Format

## **Purpose:**

- To inform the citizens about the process and gather input on the Draft STIP process through a variety of public involvement opportunities.

## **Informal drop-in sessions (4-7pm):**

- personalized forum for informing public about how the Draft STIP was developed
- division and central staff supported these meetings, captured comments, and answered questions
- local leaders and transportation officials attended, continuing to build and strengthen our partnerships
- videos, maps, projects sheets were available, including an interactive touch-screen map
- comment forms and computers to access the STI website and MindMixer sites were available

# Session Outcomes

**Attendance total in 10 sessions = 159**

**Surveys completed (online and at Sessions) total = 74**

# Information Session Highlights

**MARCH 17**  
**WILLIAMSTON (DIVISIONS 1 & 4)**



**MARCH 19**  
**KENANSVILLE (DIVISIONS 2 & 3)**

## Information Session Highlights (cont.)

**MARCH 31  
FAYETTEVILLE (DIVISIONS 5 & 6)**



**APRIL 9  
ALBEMARLE (DIVISION 8 & 10)**

## Information Session Highlights (cont.)

**APRIL 13**  
**HICKORY (DIVISIONS 11 & 12)**



**APRIL 16**  
**WAYNESVILLE (DIVISION 13 & 14)**

# Next Steps

- **Board adoption of STIP at June 2015 meeting**
- **Forward to FHWA (and other Federal agencies) for review and approval – expected prior to October 1, 2015**
- **Continue P4.0 process in preparation for development of 2018-2027 STIP (draft delivered to Board in December of 2016)**



## **Financial Update**

David Tyeryar, Chief Financial Officer  
May 6, 2015

## Financial Update

### SFYTD 2015 as compared SFYTD 2014

Dollars in Millions	<u>Mar 15</u>	<u>Mar 14</u>	<u>Mar 15</u>	<u>Mar 14</u>	<u>% Change</u>
Revenue Collections	\$ 406	\$ 378	\$ 3,506	\$ 3,595	-2.5%
Expenditures	<u>269</u>	<u>243</u>	<u>3,376</u>	<u>3,408</u>	-0.9%
Net Change	\$ 137	\$ 135	\$ 130	\$ 187	
	<u>Mar 15</u>	<u>Mar 14</u>			
Cash Balances:					
Trust Fund	\$ 1,047	\$ 826			
Highway Fund*	<u>259</u>	<u>471</u>			
Totals	<u>\$ 1,306</u>	<u>\$ 1,297</u>			

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

# Revenue & Expenditure Variances > 5%

## As of March 31, 2015

### RECEIPTS

State & Federal Receipts:	Budget/Actual	Reason for Variance
Highway Use Tax	9%	Vehicle sales higher than projected
Investment Income	57%	Increase in average cash balance SFY 2015 over SFY 2014
Federal Funds/Participation	22%	Timing of available obligation authority

### EXPENDITURES

State & Federal Funded Programs:	Budget/Actual	Reason for Variance
Construction	7%	Significant increase in the number and total cost of construction projects in progress
Maintenance	7%	Utilization of prior period budget authority
Public Transportation	-12%	New policy requires review of supporting documentation for all expenditures before processing so expenditures are lagging
Administration	-17%	Timing of expenditures lagging compared to this time last year

(\$ in Millions)

3

Unaudited Financial Report

# Revenue Summary March 2015

(\$ in Millions)

	Mar 2015	Mar2014	Year Over Year				SFY to Budget		
			2014-2015 Actual	2013-2014 Actual	\$	%	Budget to Date	\$	%
<b>State &amp; Federal Receipts:</b>									
Highway Fund *	\$ 168.6	\$ 156.0	\$ 1,484.9	\$ 1,480.7	\$ 4.2	0%	\$ 1,451.8	\$ 33.1	2%
Highway Trust Fund *	108.2	97.9	910.7	860.9	49.8	6%	854.2	56.5	7%
Total State Funds	276.8	253.9	2,395.6	2,341.6	54.0	2%	2,306.0	89.6	4%
Federal Funds/Participation	120.8	122.7	1,069.9	1,180.2	(110.3)	-9%	877.0	192.9	22%
<b>Total</b>	<b>\$ 397.6</b>	<b>\$ 376.6</b>	<b>\$ 3,465.5</b>	<b>\$ 3,521.8</b>	<b>\$ (56.3)</b>	<b>-2%</b>	<b>\$ 3,183.0</b>	<b>\$ 282.5</b>	<b>8.9%</b>
<hr/>									
* Memo	Mar 2015	Mar2014	Year Over Year				SFY to Budget		
			2014-2015 Actual	2013-2014 Actual	\$	%	Budget to Date	\$	%
<b>Highway Fund &amp; Trust Fund Details</b>									
Motor Fuel Taxes	\$ 143.8	\$ 135.7	\$ 1,410.9	\$ 1,404.5	\$ 6.4	0%	\$ 1,380.2	\$ 30.7	2%
Highway Use Tax	60.0	53.6	475.4	435.3	40.1	9%	434.4	41.0	9%
DMV/Other Revenue	72.6	64.2	505.7	498.6	7.1	1%	489.1	16.6	3%
Investment Income	0.4	0.4	3.6	3.2	0.4	13%	2.3	1.3	57%
<b>Total</b>	<b>\$ 276.8</b>	<b>\$ 253.9</b>	<b>\$ 2,395.6</b>	<b>\$ 2,341.6</b>	<b>\$ 54.0</b>	<b>2.3%</b>	<b>\$ 2,306.0</b>	<b>\$ 89.6</b>	<b>4%</b>

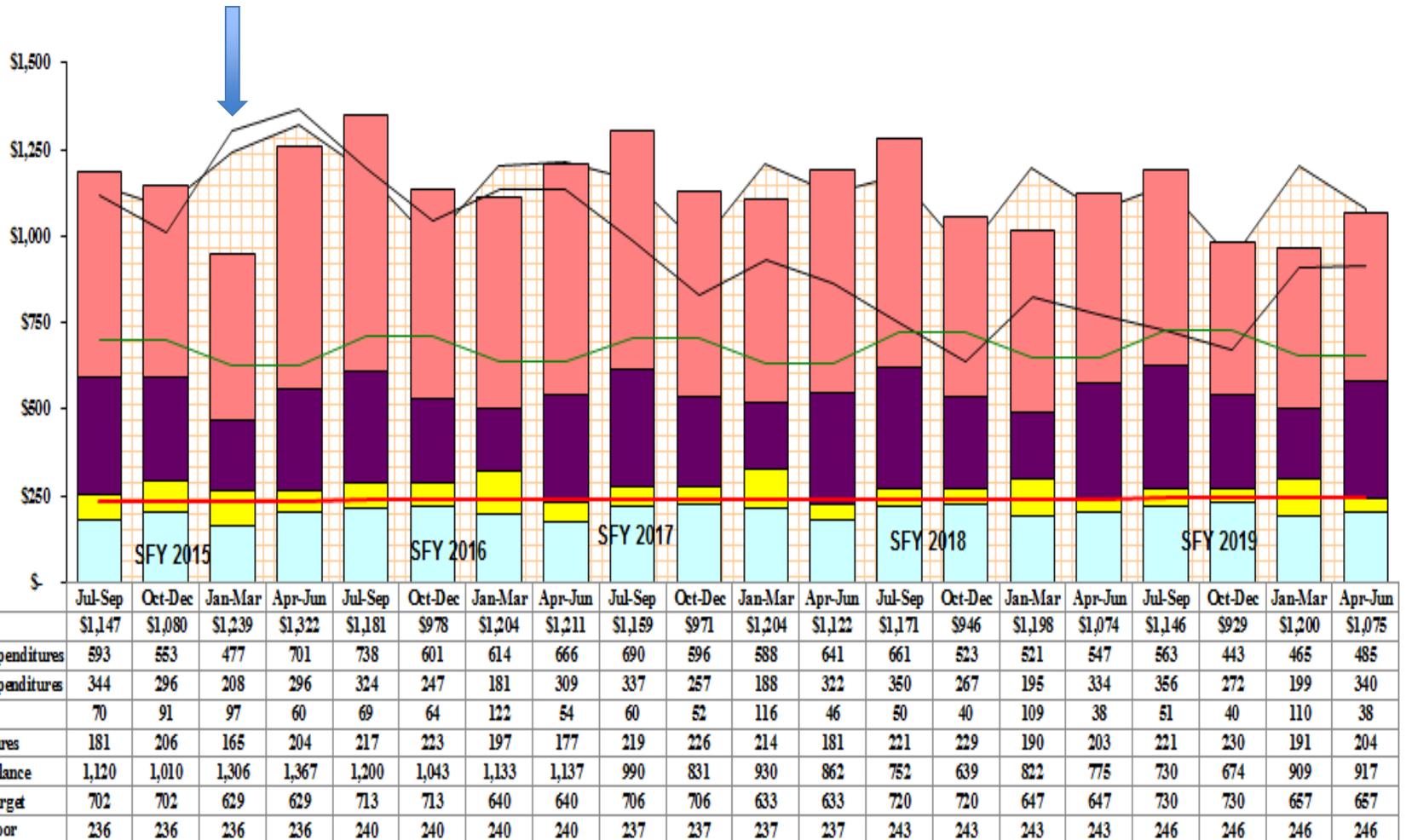
# Expenditure Summary March 2015

(\$ in millions)

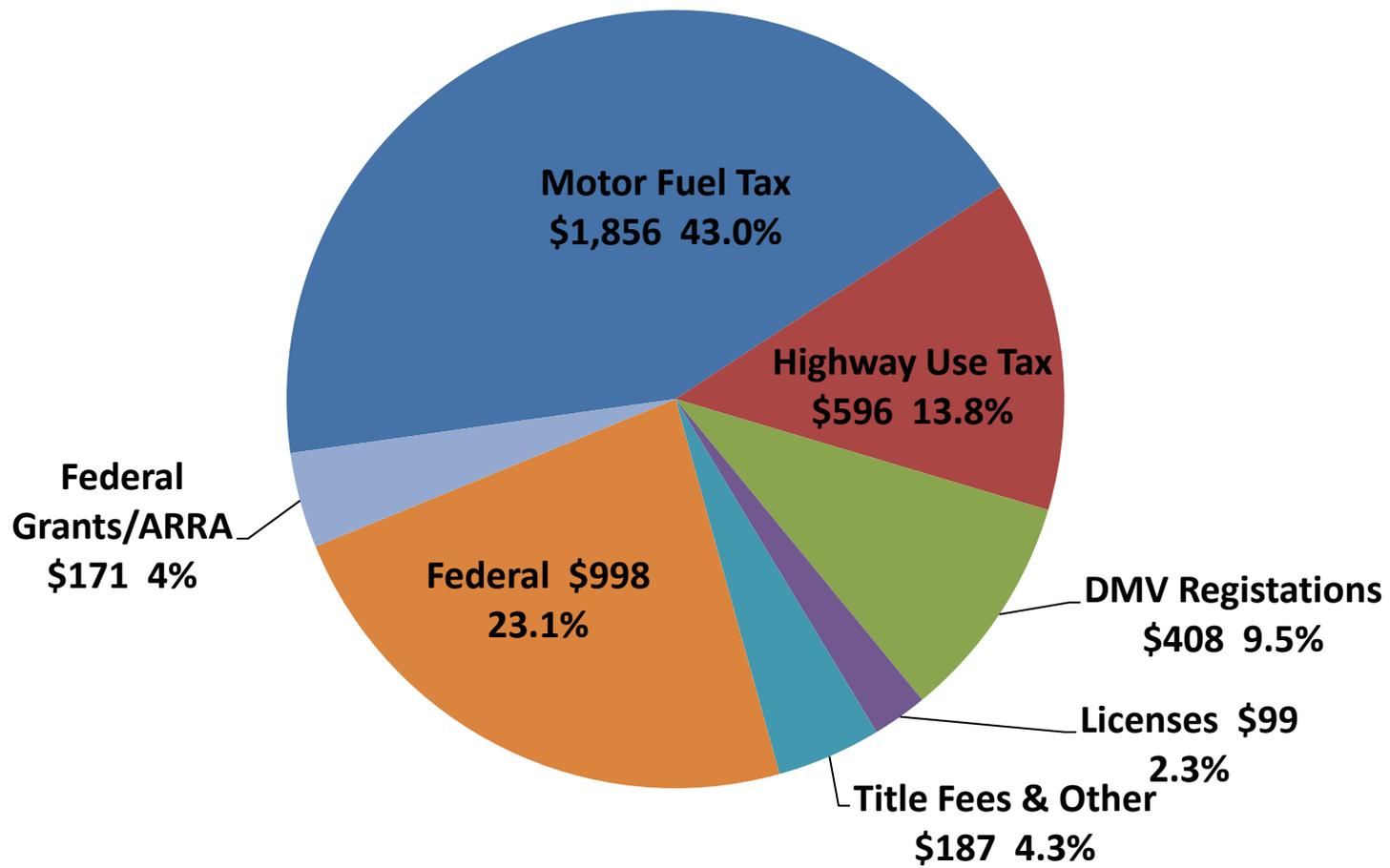
			Year Over Year				SFY to Budget		
	Mar 2015	Mar-14	2014-2015 Actual	2013-2014 Actual	\$	%	2014-2015 Budget	\$	%
<b>State &amp; Federal Funded Programs:</b>									
Construction	\$ 109.6	\$ 117.9	\$ 1,476.6	\$ 1,445.8	\$ 30.8	2%	\$ 1,374.2	\$ 102.4	7%
Maintenance	73.5	69.5	844.1	873.2	(29.1)	-3%	789.8	54.3	7%
Public Transportation	9.6	2.9	86.6	119.1	(32.5)	-27%	98.2	(11.5)	-12%
Other Modal/Other Programs	11.3	9.3	105.6	110.5	(4.9)	-4%	100.7	4.8	5%
Administration	21.3	19.9	161.6	170.5	(8.9)	-5%	193.6	(32.0)	-17%
Municipal Aid	-	-	147.1	145.6	1.5	0%	147.1	-	0%
Transfers to Other Agencies	2.0	2.0	184.2	186.6	(2.4)	-1%	186.2	(2.1)	-1%
<b>Total Expenditures</b>	<b>\$ 227.3</b>	<b>\$ 221.5</b>	<b>\$ 3,005.7</b>	<b>\$ 3,051.3</b>	<b>\$ (45.6)</b>	<b>-1%</b>	<b>\$ 2,889.8</b>	<b>\$ 115.9</b>	<b>4%</b>

# 60 Month Cash Model

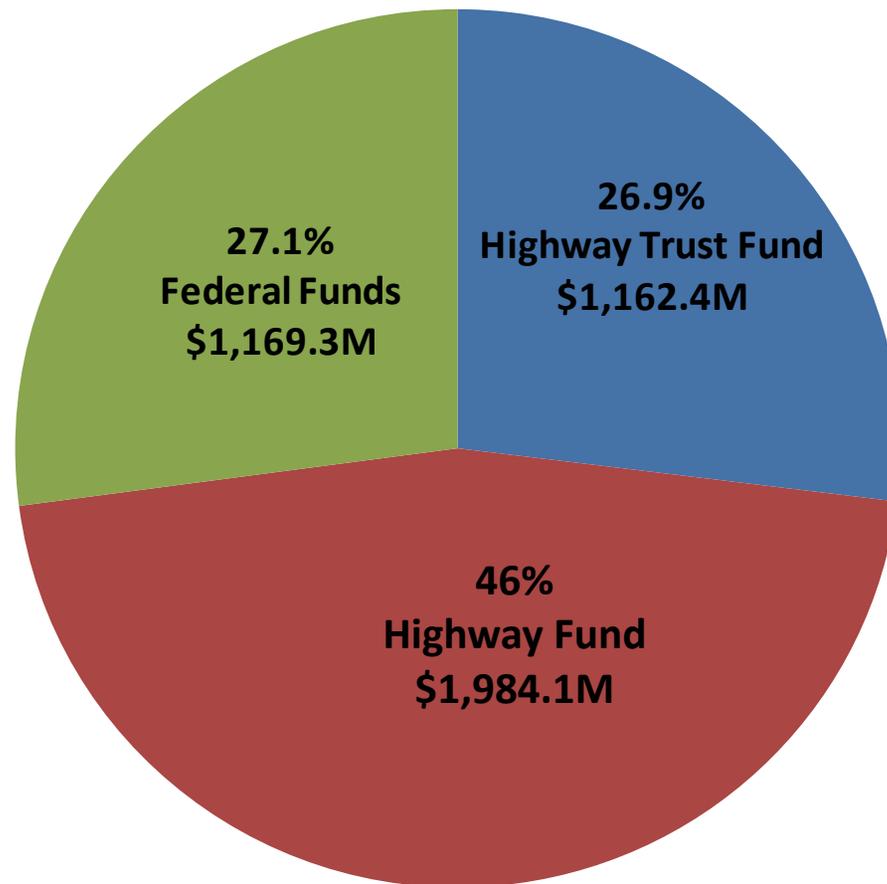
## Projections as of March 2015



## NCDOT Revenue Sources SFY2015 - \$4.3 Billion



## **NCDOT Sources of Funds 2014-15 by Major Funding Source Total Funding = \$4.3 Billion**

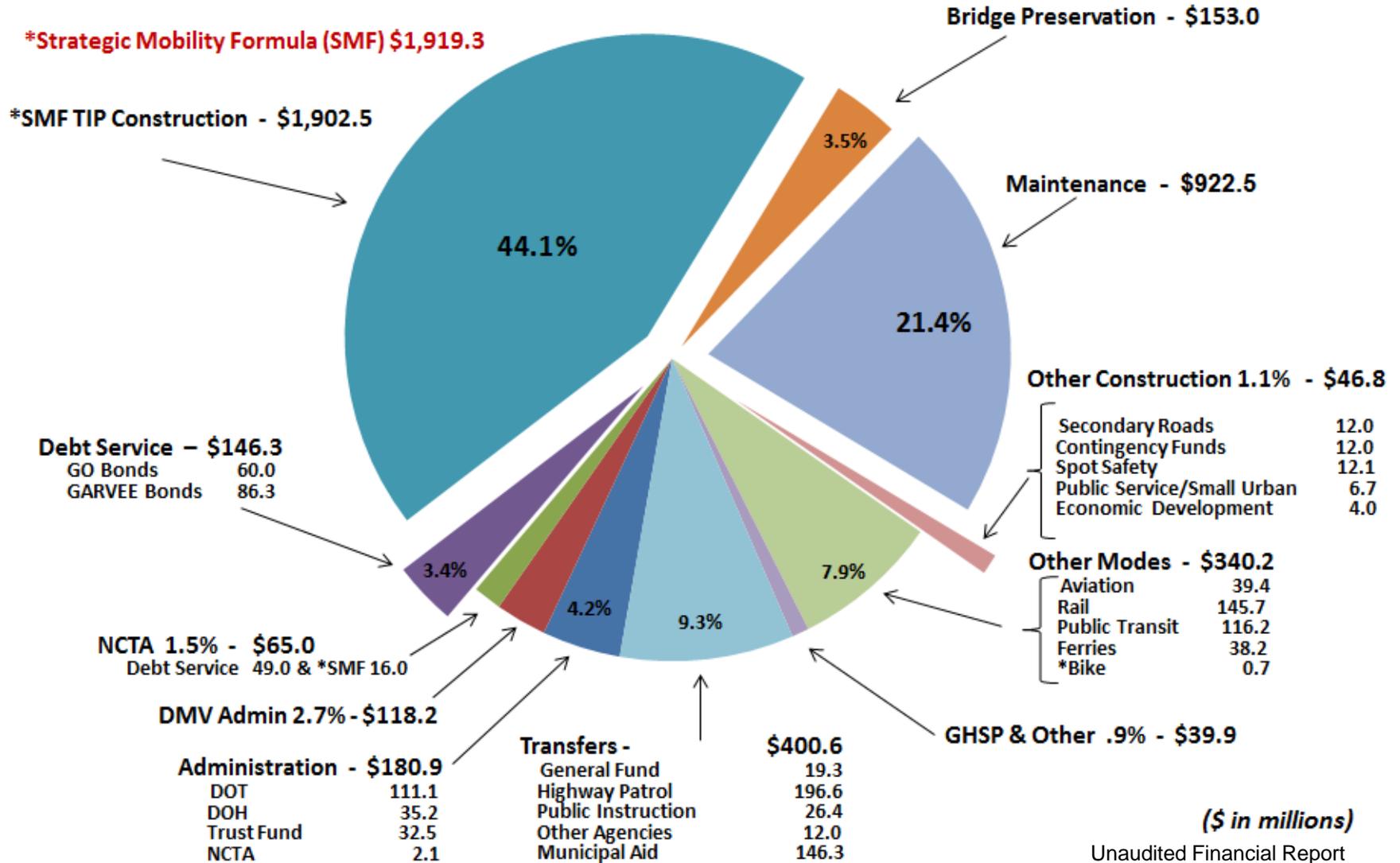


**(Excludes Receipt Supported Funding of \$0.1B)**

## Uses of 2014-15 NCDOT Appropriations

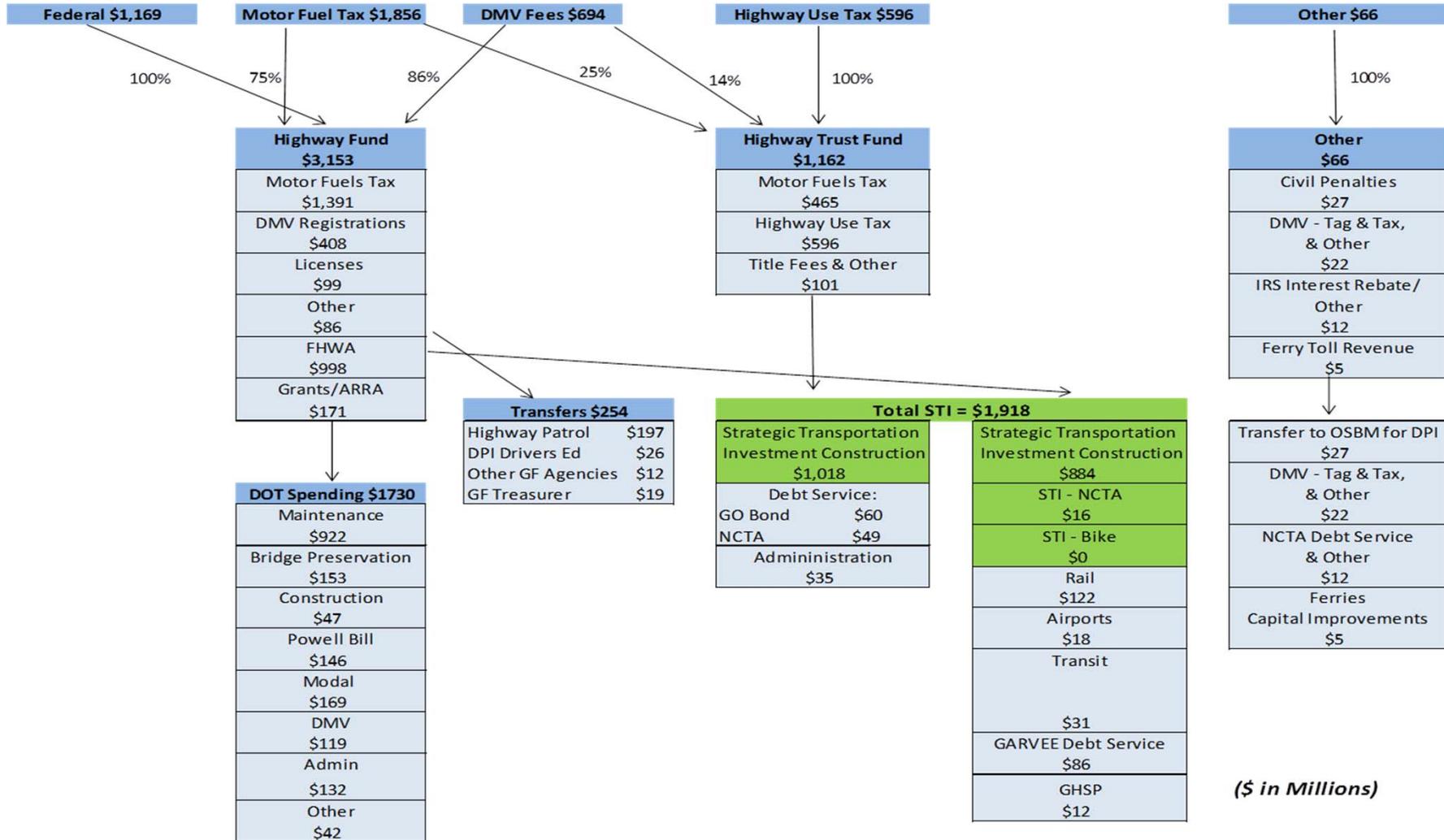
### Total Funding = \$4.3 Billion

(Excludes Receipt Supported Funding of \$0.1B)



# SFY2015 NCDOT Sources and Uses

## Total Funding = \$4.4 Billion



(\$ in Millions)

(Includes Receipt Supported Funding of \$0.1B)

## Right of Way & Preliminary Engineering Expenditures

### SFY 2015 Period Ending March 2015

	1st Quarter SFY	2nd Quarter SFY	3rd Quarter SFY	4th Quarter SFY	SFY Totals	SFY Target	% of Target
<b>Right of Way:</b>							
TIP Projects (excluding GV)	\$ 60.1	\$ 62.8	\$ 56.5		\$ 179.4	\$ 290.0	62%
Garvee Projects (GV)	2.5	0.2	2.4		5.1	101.9	5%
<b>Total TIP Projects</b>	<b>\$ 62.6</b>	<b>\$ 63.0</b>	<b>\$ 58.9</b>	<b>\$ -</b>	<b>\$ 184.5</b>	<b>\$ 391.9</b>	
<b>Preliminary Engineering:</b>							
TIP Projects (excluding TA)	\$ 40.6	\$ 46.5	\$ 45.0		\$ 132.1	\$ 165.0	80%
Toll Authority (TA) Projects	1.2	1.0	1.0		3.2	4.4	73%
<b>Total TIP Projects</b>	<b>\$ 41.8</b>	<b>\$ 47.5</b>	<b>\$ 46.0</b>	<b>\$ -</b>	<b>\$ 135.3</b>	<b>\$ 169.4</b>	

**MEMO: State Fiscal YTD Totals Exclude Specific Allocations**

(\$ in Millions)

# FFY 2015 Federal Rail Scorecard

## As of March 31, 2015

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

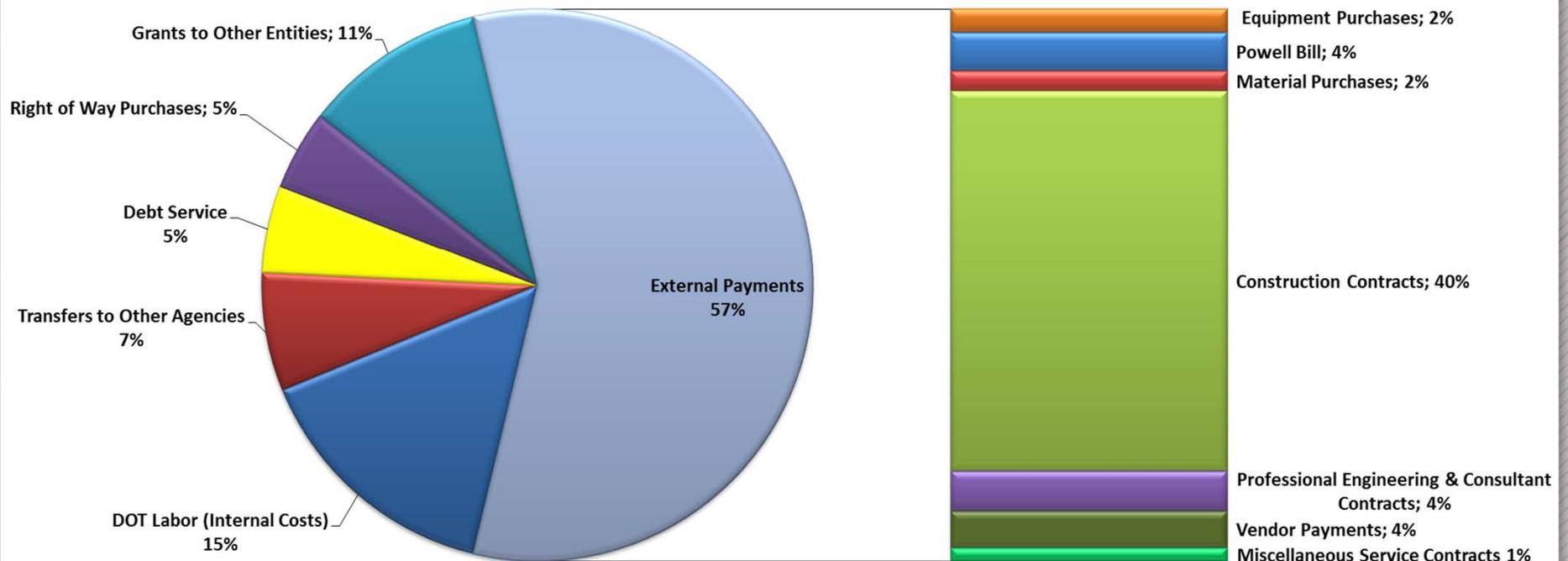
GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	PENDING BILL AMOUNTS	AVAILABLE TO BILL	EXCEPTIONS
NCDOT Piedmont Third & Fourth Frequency Equipment Procurement & Rehabilitation Period of Performance End Date 9-30-2017	\$ 520,000,000	\$ 519,995,262	\$ 238,179,037	\$ 233,348,261	\$ -	\$ 4,830,776	
SE High Speed Rail Corridor PE/NEPA - Richmond, Va to Raleigh, NC Period of Performance End Date 9-01-2015	\$ 4,000,000	\$ 4,000,000	\$ 3,775,663	\$ 3,775,663	\$ -	\$ -	
NCDOT Intercity Passenger Rail Congestion Mitigation Period of Performance End Date 8-30-2014	\$ 26,560,839	\$ 26,560,839	\$ 1,749,033	\$ 1,740,922	\$ -	\$ 8,111	
<b>TOTAL ARRA</b>	<b>\$ 550,560,839</b>	<b>\$ 550,556,101</b>	<b>\$ 243,703,733</b>	<b>\$ 238,864,846</b>	<b>\$ -</b>	<b>\$ 4,838,887</b>	<b>\$ 1,974,479</b>

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

GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	PENDING BILL AMOUNTS	AVAILABLE TO BILL	EXCEPTIONS
Traditional Rail Projects - Various	\$ 22,000,000	\$ 22,000,000	\$ 3,473,954	\$ 30,464	\$ -	\$ -	\$ (137,426)

# NCDOT Expenditures

## SFYTD as of March 31, 2015



# History of Outsourcing

## Construction, PE & Maintenance

LetMonth	2012	2013	2014
July	\$ 402,150,784.80	\$ 185,387,013.66	\$ 176,706,305.23
August	138,357,208.50	290,733,675.95	89,999,231.25
September	158,308,729.59	168,087,532.45	411,096,640.28
October	140,842,886.18	113,646,922.48	130,520,847.46
November	134,024,782.15	68,020,997.44	234,096,031.75
December	92,793,922.73	169,265,552.59	131,252,531.08
January	356,408,776.77	104,204,869.28	359,662,160.77
February	246,292,023.88	167,732,016.84	160,656,840.86
March	223,848,754.38	287,698,057.24	115,534,131.67
April	173,734,294.47	133,465,421.35	472,735,059.92
May	202,516,469.42	190,505,342.50	130,877,703.94
June	341,428,007.73	107,965,058.15	309,412,638.16
<b>Total</b>	<b>\$ 2,610,706,640.58</b>	<b>\$ 1,986,712,459.92</b>	<b>\$ 2,722,550,122.37</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.*

**ADDITIONS to the Transit 2012-2018 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TA-5175	Triangle Transit Authority - Burlington MPO Area	Purchase one (1) transit bus for commuter and Park and ride service to Mebane	FUZ	5307		398					
			State	S		50					
			Local	L		50					
TO-5206	Orange County Public Transportation (OCPT) – Burlington MPO Area	Operating Assistance to begin two new circulator routes in the eastern Burlington MPO area with connections to Mebane and Hillsborough	FUZ	5307		240					
			Local	L		240					
TO-5207	Alamance County Transportation (ACTA) – Burlington MO Area	Operating assistance to continue general purpose trips in the urbanized area	FUZ	5307		321					
			Local	L		321					
TA-5176	Burlington/Gibsonville Fixed Route System	Purchase Five New LTV's for fixed route system start-up	FUZ	5307		750					
			Local	L		188					
TG-5258	Burlington/Gibsonville Fixed Route System	Routine Capital, Stat up support equipment and pedestrian improvements for fixed route system	FUZ	5307		1,980					
			Local	L		495					
TP-5123	Burlington/Gibsonville Fixed Route System	Transit Planning/Route evaluations/Transit Administration	FUZ	5307		150					
			State	S		19					
			Local	L		19					
TG-5259	Burlington/Gibsonville Fixed Route System	ADA Services	FUZ	5307		60					
			Local	L		15					
TO-5208	Burlington/Gibsonville Fixed Route System	Operating Assistance	FUZ	5307		700					
			Local	L		700					
TQ-7001	Winston Salem Transit Authority	Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310) Administrative	FEPD	5310	34						
TO-5149	Iredell County Area Transportation System	Operating	FUZ	5307	200	200	200	200	200	200	200
			Local	L	67	67	67	67	67	67	67

*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.*

TQ-9034	Asheville Redefines Transit	5310 Capital Projects	FEPD	5310	165									
			Local	L	41									
TQ-6951	Asheville Redefines Transit	5310 Operating Projects	FEPD	5310	106									
			Local	L	106									
TQ-7004	Asheville Redefines Transit	5310 Administrative Oversight	FEPD	5310	30									
TA-5129	High Point/Hi Tran	Purchase Replacement Paratransit Vehicles	FUZ	5307	140									
			Local	L	35									
TQ-8019	Cape Fear Transportation Authority	5310 Capital Project – Mobility Manager	FEPD	5310	41									
			Local	L	10									
TQ-9036	Cape Fear Transportation Authority	5310 Capital Project – Revenue Vehicle	FEPD	5310	94									
			Local	L	23									
TQ-9035	Cape Fear Transportation Authority	5310 Capital Project – Service Vehicle	FEPD	5310	16									
			Local	L	4									
TQ-7005	Cape Fear Transportation Authority	5310 Administrative Oversight	FEPD	5310	10									

**MODIFICATIONS to the Transit 2012-2018 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TG-4704	Asheville Redefines Transit	Routine Capital, bus shelters, shop equipment, spare parts, engines, fareboxes, service vehicles, ADA, etc.	FUZ	5307	800	800					
			Local	L	200	200					
TO-4705	Asheville Redefines Transit	Operating Assistance for transit system	FUZ	5307	800	800	800	800	800		
			Local	L	800	800	800	800	800		
TO-5126	Winston Salem Transit Authority	Operating Assistance	FUZ	5307	1,134						
			Local	L	1,134						

*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.*

TG-4805	Winston Salem Transit Authority	Routine Capital – Spare Parts, Passenger Amenities, Building Maintenance	FUZ	5307	429						
			Local	L	107						
TG-5241	Winston Salem Transit Authority	Preventive Maintenance	FUZ	5307	2,360						
			Local	L	590						
TQ-6782	Winston Salem Transit Authority	Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310)	FEPD	5310	303						
			Local	L	76						
TO-5134	Piedmont Authority for Regional Transportation – Burlington MPO Area	Operating Assistance	FUZ	5307	100	222	100	100	100	100	100
			Local	L	100	222	100	100	100	100	100
TQ-6511	Western Piedmont Regional Transit Authority	Elderly and Disabled Funding - Mobility Management	FEPD	5310	76						
			Local	L	19						
TO-4790	High Point/Hi Tran	Operating Assistance	FUZ	5307	1503						
			Local	L	1503						
TG-4814	High Point/ Hi Tran	Routine Capital Assistance	FUZ	5307	206						
			L	L	52						

Item I-1B, 28 Projects, Total Federal/State/Local funds \$30,556,000

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 2**

W-5319	US 70, WEST OF WILLIS ROAD TO BANKS STREET.	RIGHT-OF-WAY	FY 2015 -	\$45,000	(HSIP)
CARTERET	SAFETY IMPROVEMENTS.	CONSTRUCTION	FY 2015 -	\$1,926,000	(HSIP)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 15 NOT PREVIOUSLY</u>			\$1,971,000	
TRANSITION	<u>PROGRAMMED.</u>				

**DIVISION 5**

B-5318	SR 2044 (LIGON MILL ROAD), REPLACE BRIDGE 910126	RIGHT-OF-WAY	FY 2017 -	\$180,000	(STPOFF)
WAKE	OVER SMITHS CREEK IN WAKE FOREST.	MITIGATION	FY 2017 -	\$12,000	(STPOFF)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>	CONSTRUCTION	FY 2018 -	\$1,800,000	(STPOFF)
DIVISION	<u>CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW</u>			\$1,992,000	
	<u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>				

* C-4924B	TRIANGLE J COUNCIL OF GOVERNMENTS, DEVELOP	IMPLEMENTATION	FY 2016 -	\$505,000	(CMAQ)
ORANGE	FLEXIBLE WORK SCHEDULES FOR EMPLOYEES IN		FY 2016 -	\$829,000	(L)
DURHAM	DURHAM-CHAPEL HILL-CARRBORO (DCHC)		FY 2017 -	\$523,000	(CMAQ)
WAKE	<u>ADD IMPLEMENTATION IN FY 16 AND FY 17 NOT</u>		FY 2017 -	\$858,000	(L)
PROJ.CATEGORY	<u>PREVIOUSLY PROGRAMMED.</u>			\$2,715,000	
EXEMPT					

* U-5529	SR 1115 (AVENT FERRY ROAD), WEST OF SR 1101	RIGHT-OF-WAY	FY 2015 -	\$80,000	(STPDA)
WAKE	(PINEY GROVE - WILBON ROAD) TO VILLAGE WALK		FY 2015 -	\$20,000	(L)
PROJ.CATEGORY	DRIVE IN HOLLY SPRINGS. OPERATIONAL	CONSTRUCTION	FY 2016 -	\$1,584,000	(STPDA)
DIVISION	IMPROVEMENTS.		FY 2016 -	\$396,000	(L)
	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>			\$2,080,000	
	<u>PROGRAMMED, AT REQUEST OF MPO.</u>				

**DIVISION 6**

U-5605	SR 4202 (ODELL ROAD), FORT BRAGG BOUNDARY TO	RIGHT-OF-WAY	FY 2018 -	\$1,000,000	(STP)
CUMBERLAND	NC 24/NC 87 (BRAGG BOULEVARD) IN SPRING LAKE.	UTILITIES	FY 2018 -	\$500,000	(STP)
PROJ.CATEGORY	WIDEN TO MULTI-LANES, PART ON NEW LOCATION.	CONSTRUCTION	FY 2020 -	\$3,850,000	(STP)
DIVISION	<u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND</u>			\$5,350,000	
	<u>CONSTRUCTION FROM FY 19 TO FY 20 TO ALLOW</u>				
	<u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>				

\* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 8**

* B-4780 MONTGOMERY PROJ.CATEGORY DIVISION	SR 1111 (LILLYS BRIDGE ROAD), REPLACE BRIDGE 610022 OVER RICHLAND CREEK. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR UTILITY COORDINATION AND FERC PERMIT.</u>	CONSTRUCTION	FY 2016 -	\$525,000 \$525,000	(STPOFF)
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**DIVISION 9**

* W-5510 FORSYTH PROJ.CATEGORY DIVISION	SR 4315 (SOUTH MAIN STREET); SR 2648 (OLD WINSTON ROAD), SR 4315 (SOUTH MAIN STREET), BUSINESS 40 / US 421 / NC 150 TO NORTH OF SR 4278 (SOUTH CHERRY STREET), AND SR 2648 (OLD WINSTON ROAD), WEST OF SOUTH CHERRY STREET TO SOUTH MAIN STREET IN KERNERSVILLE. SAFETY IMPROVEMENTS, INCLUDING RAISED MEDIAN, TURN LANES, ADDITIONAL LANE, ROUNDABOUT, AND INTERSECTION RELOCATION. <u>COST INCREASED BEYOND \$2 MILLION AND 25% THRESHOLDS; STPDA FUNDING ADDED AT REQUEST OF MPO.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2015 - FY 2015 - FY 2015 - FY 2016 - FY 2016 - FY 2016 -	\$2,623,000 \$656,000 \$289,000 \$72,000 \$1,600,000 \$921,000 \$230,000 \$6,391,000	(STPDA) (L) (STPDA) (L) (HSIP) (STPDA) (L)
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**DIVISION 10**

* C-5540 MECKLENBURG PROJ.CATEGORY EXEMPT	CHARLOTTE, NAVIN ROAD, ALPINE DRIVE TO GIBBON ROAD. CONSTRUCT SIDEWALK ON NORTH SIDE. GIBBON ROAD, NEVIN ROAD TO SUGAR CREEK ROAD. CONSTRUCT SIDEWALK ON SOUTH SIDE. WEST SUGAR ROAD, BISANER STREET AND MALLARD CREEK ROAD. FILL GAPS IN SIDEWALK NETWORK ON EAST SIDE. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY.</u>	CONSTRUCTION	FY 2016 - FY 2016 -	\$564,000 \$188,000 \$752,000	(CMAQ) (L)
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**DIVISION 11**

U-5715 WATAUGA PROJ.CATEGORY STATEWIDE	US 321/421, NC 194 (KING STREET), COLLEGE STREET INTERSECTION. CONSTRUCT IMPROVEMENTS. <u>ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17 AND CONSTRUCTION FROM FY 20 TO FY 18 BASED ON FUNDING AVAILABILITY.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$45,000 \$190,000 \$235,000	(NHP) (NHP)
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\* INDICATES FEDERAL AMENDMENT



# **BOT Update on P4.0**

Don Voelker

May 6, 2015

# Summary of Workgroup Discussions and Consensus Recommendations Made Since Last Update At April BOT Meeting

All Transportation Modes Measures and Weights Have Been Defined

Legislative and BOT Feedback

Alternate Criteria

Normalization Percentages and Process

Timeline/Schedule

# Highway – Statewide Mobility Weights

Criteria	P4.0	P3.0
Benefit-Cost	25%	30%
Congestion	30%	30%
Economic Competitiveness	10%	10%
Safety	15%	10%
Freight	15%	
Multimodal	5%	20% (combined with Freight)
<del>Pavement Condition</del>		
<del>Lane Width</del>		
<del>Shoulder Width</del>		

# Highway – Regional Impact Weights (Defaults)

Criteria	P4.0	P3.0
Benefit-Cost	20%	25%
Congestion	20%	25%
Accessibility/Connectivity	10%	10%
Safety	10%	10%
Freight	10%	
Multimodal		
Pavement Condition		
Lane Width		
Shoulder Width		

# Highway – Division Needs Weights (Defaults)

Criteria	P4.0	P3.0
Benefit-Cost	15%	20%
Congestion	15%	20%
Accessibility/Connectivity	5%	
Safety	10%	10%
Freight	5%	
Multimodal		
Pavement Condition		
Lane Width		
Shoulder Width		

# Legislative Feedback

## House (including HB 672)

- Use Peak ADT in Congestion and consider tourist traffic
- Proximity of project to multi-modal facility should be the criteria instead of having a direct connection
- Ferry terminals should be part of the scoring for Freight
- Remove \$200 million corridor cap
- Local Input Points should be for MPOs and RPOs only
- Hurricane evacuation should be part of the Safety criteria
- Remove replacement of Ferry vessels from eligibility under Division Needs and include them as eligible under the bridge program
- Proceeds from Ferry tolls go to this program for replacement vessels

# Legislative Feedback

## Senate

- Recognize and appreciate time and effort of Workgroup and DOT staff
- Hard work of P3.0 and Draft STIP has yielded success
- STI has worked well so far – protect data driven process to allocate funding to most needed projects
- Economic competitiveness not to exceed 10%
- Congestion to continue at 30%
- If Safety increased, additional weight should come from Benefit-Cost (due to safety benefits)
- Concerned with using Peak ADT
- Do not believe weights should be increased to better connect rural areas to urban areas; use alternate criteria to achieve this if desired
- Agree with elimination of emergency evacuation routes

# BOT Feedback

- Recognize and appreciate time and effort of Workgroup and DOT staff
- Hard work of P3.0 and Draft STIP has yielded success
- Continue to finish P4.0 recommendations within timeline/schedule
- Interest in knowing legislative feedback to Workgroup's recommendations prior to making final approvals this summer
- **Ferry Terminals should be part of the Freight criteria**
- Should Safety be a slightly higher percentage than Freight in the Statewide Mobility and Regional Impact categories because of the Department's mission, vision and values?
- **Very concerned with HB 672 eliminating Division Engineers from local input**
- Should Ferry criteria regarding benefits be a higher weight?
- Should ridership growth have a higher weight in Public Transportation criteria?

# Alternate Criteria - Regional Impact / Division Needs

## Requirements:

1. All MPO/RPO/Division Engineers unanimously agree on Alternate Criteria and % weights by funding category
  - Alternate Criteria/Weights from P3.0 will not carry to P4.0
  - Within respective Paired Funding Region(s) or Division(s)
2. Memo to SPOT from each MPO/RPO/Division Engineer – reference TAC Chair(s) agreement
  - Can begin process once Workgroup agrees to weights
  - Memo must be received by start of new candidate submittal period – tentatively September 1, 2015.

# Normalization

## P3.0 – To Be Continued in P4.0

- Statewide Mobility (only) – No normalization, scores are stand-alone for comparison (highway, aviation, freight rail)
- Regional Impact & Division Needs – Allocate funds to Highway and Non-Highway modes based on minimum floor or %s

Mode	Workgroup & BOT Recommendation	Historical Budgeted	Historical Expenditures	Draft 2016-2025 STIP Funding
Highway	90% (min.)	93%	96%	95%
Non-Highway	4% (min.)	7%	4%	5%

# Areas Still Being Discussed

**Extent and Use of Statewide Travel Demand Model**

**Number of Projects in the Database and New Submittals**

**Number of Local Input Points**

**MPO/RPO and Division Engineer Percentage Split of Local Input**

# Timeline for P4.0

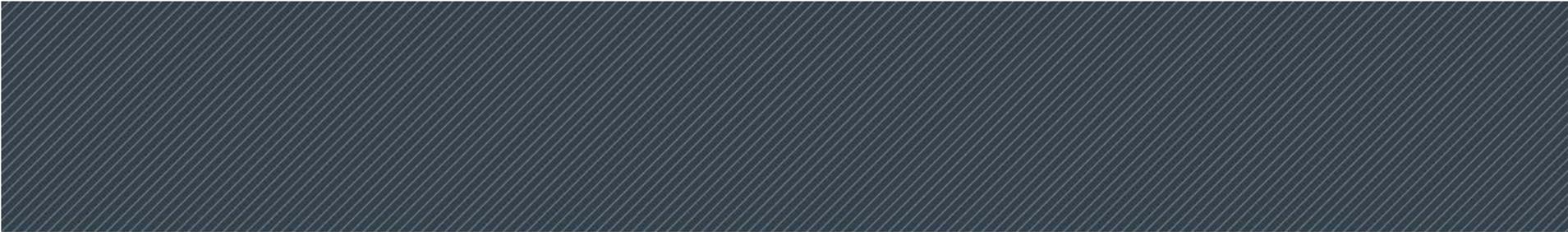
**Final Workgroup Recommendations to BOT in June/July**

**BOT Approval in July/August**

**New project submittals – October 2015**

**Project scores released – Spring 2016**

**Local Input Points – Spring & Summer 2016**



North Carolina  
DEPARTMENT OF TRANSPORTATION

**Small Construction Projects  
Fund Overview**

Delbert Roddenberry, PE, Operations Programs Manager

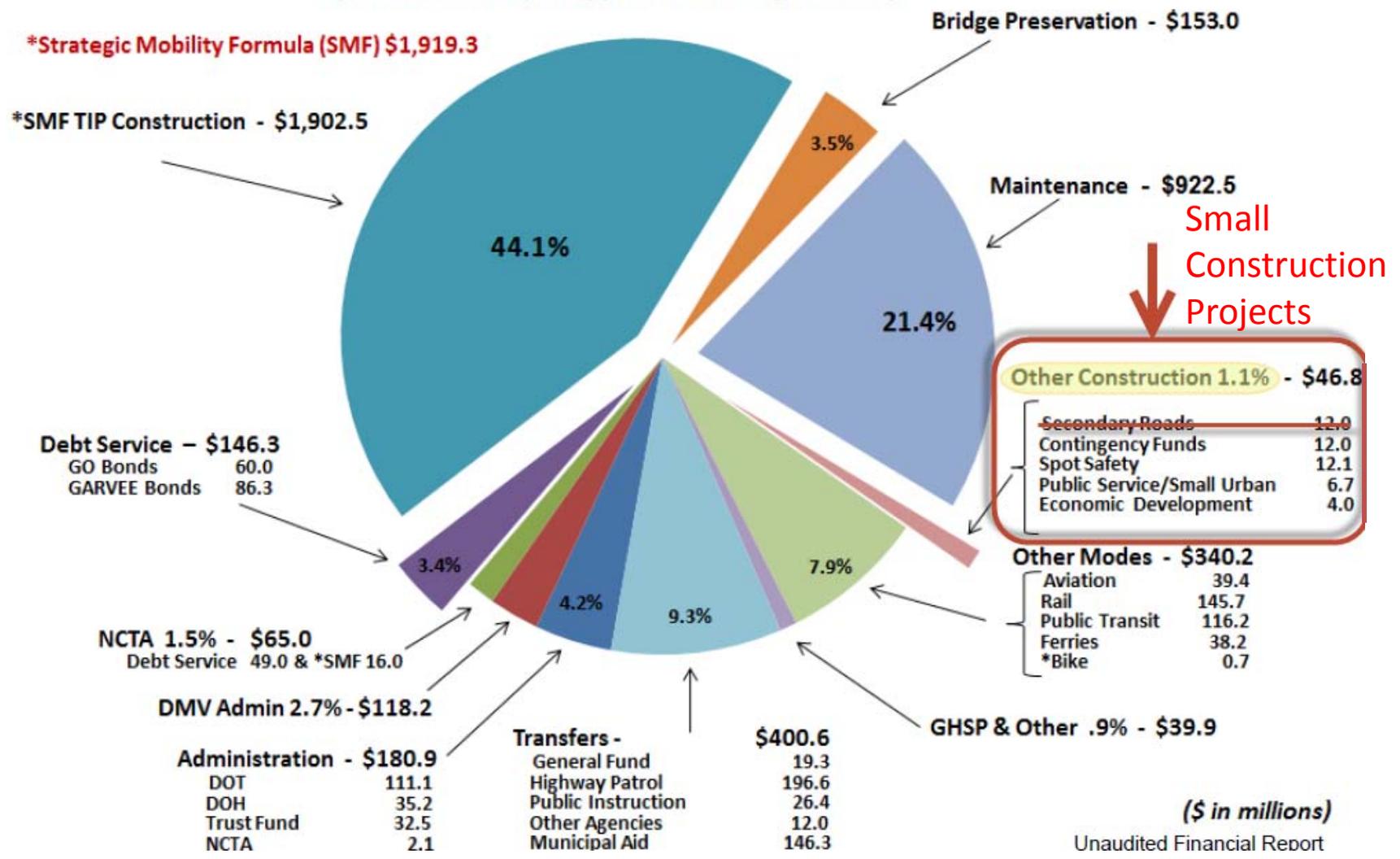
Board of Transportation, May 6, 2015



## Uses of 2014-15 NCDOT Appropriations

### Total Funding = \$4.3 Billion

(Excludes Receipt Supported Funding of \$0.1B)



# Statewide Programs (Small Projects)

**Contingency ~ \$12m Annually** (1/3-1/3-1/3)

- Used for improvements to transportation systems/facilities
- Requires Support from Senate Pro-Tem, House Speaker and/or Secretary of Transportation

## **Typical Projects:**

Turn Lanes  
Signs (upgrades/new)  
Multi-use Paths  
Warning Flashers  
Roundabouts

Signal Improvements  
Rail Crossing Improvements  
Supplement Special Maintenance Projects  
Drainage Improvements  
Intersection Re-alignments

# Statewide Programs (Small Projects)

## Spot Safety ~ \$12.1m Annually

- Funding for highway safety projects
- Evaluated on benefit/cost analysis
- Maximum of \$400k per project

### Typical Projects:

Turn Lanes

Directional Cross-over

Guardrail Installation

Pavement Markings

Actuated Warning Flashers

Signal Installation/ Improvements

Curves:

Straighten/ Widen/Improve Super-elevation)

Warning Signage

Intersection Re-alignment

# Statewide Programs (Small Projects)

## Access & Public Service ~ \$1.7 Annually

- Participate in paving school bus drive and parking lot stabilizations at county/city public school sites (up to \$50K per school site) G.S. 136-118(17)
- Participate in paving driveways at new Fire Department and EMS facilities (up to \$25K per site per expansion project) G.S. 136-118(24)
- Build access road or construct road improvements for new industry that provides new jobs (\$1000 per new job)

# Statewide Programs (Small Projects)

## Small Construction ~ \$5M Annually (\$357k per Division) (formerly “Small Urban”)

- Funding for local small projects
- Safety, mobility, economic development related projects
- Board Member support
- Maximum of \$250k per project per SFY

### Typical Projects:

Turn Lanes

Signs

Multi-use Paths

Warning Flashers

Roundabouts

Signal Improvements

Rail Crossing Improvements

Supplement Maintenance

Drainage Improvements

Intersection Improvements/Re-alignments

# Statewide Programs (Small Projects)

## Economic Development ~ \$4m Annually

- Funding for transportation improvements to facility new industry bringing new jobs
- \$2500 per new job
- Jointly Supported by Secretary of Commerce and Secretary of Transportation
- Often Supplemental to other fund sources
- Maximum of \$400k per project per SFY
- Guidelines and Request Forms posted on website:

<https://connect.ncdot.gov/projects/planning/Pages/Economic-Development.aspx>

### Typical Recent Projects:

Vertex – Existing road improvements, rail crossing relocation and new road location

Dupont - Rail Spur for Plant Expansion

Warsaw Industrial Complex - Realignment of US 117/SR 1387/SR 1384

Moninaga American Food – New Access Road

Trelleborg Corporate Office –Turn Lane Construction

KDS – Kiln Drying Systems – Summerwind Road Improvements (GDBP)

# Statewide Programs (Small Projects)

## Fund Request Approval Process

Fund request packages assembled by Divisions using standard form and SAP workflow

Supporting information scanned to WBS containing:

- Project description/Scope of Work
- Project justification
- Cost estimates with all fund sources identified
- Local Government resolution for projects >\$150k
- Appropriate Signatures (Division Engineer, Board Member, Secretary)
- Project Review Committee
- Monthly Board Agenda (Item H, L)

Contingency fund requests require sponsor letter from President Pro-tem of Senate, Speaker of the House, or Secretary of Transportation

# Statewide Programs (Small Projects) Fund Request Package Contents

**REQUEST FOR STATEWIDE PROJECT FUNDS**  
(Divisionwide Small Construction, Statewide Contingency, Economic Development, Public Access)  
NC Department of Transportation

DIVISION	03	COUNTY	Duplin	DATE	5/15/2014
WHS NO.	44235	FUND DOC. NCL	22040	FISCAL YEAR	2014
MUNICIPALITY:	Waraw				
DESCRIPTION OF WORK REQUESTED (including route & termini & map)					
Realignment of US 117 / SR 1367 / SR 1364 in conjunction to improve traffic flow for industrial complex. This work includes realignment, widening, drainage, resurfacing, and signing.					

NC Department of Transportation  
Preliminary Engineer's Estimate

Date:	05/14/2014
Contract #:	
TP #:	
WHS Element #:	3.00111
Division #:	3
County:	Duplin
Description:	Realignment, Widening, Drainage, Resurfacing, and Signing

Line #	Item #	Section #	Item Description	Quantity	Units	Unit Price	Bid Amount
1	000000000-N	800	INSTALLATION	1.00	US	\$15,000.00	\$15,000.00
2	004000000-N	226	GRADE	1.00	US	\$45,000.00	\$45,000.00
3	215000000-G	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	700.00	SY	\$30.00	\$21,000.00
4	337000000-E	310	18" R.C. PIPE CULVERTS CLASS II	140.00	LF	\$49.00	\$6,860.00
5	399000000-E	340	PIPE REMOVAL	140.00	LF	\$5	\$700.00
6	122000000-E	545	INCIDENTAL STONE BASE	60.00	TOMB	\$35	\$2,100.00
7	124000000-E	59	SHOULDER RECONSTRUCTION	1.00	SMB	\$7,000.00	\$7,000.00
8	120700000-E	607	1 1/2" MILLING	400.00	SY	\$5	\$2,000.00
9	140000000-E	610	BASE COURSE, 0.5% S	485.00	TOMB	\$60	\$29,100.00
10	140000000-E	610	INTERMEDIATE COURSE, 0.5% S	15.00	TOMB	\$41	\$615.00
11	151000000-E	610	SURFACE COURSE, 0.5% S	685.00	TOMB	\$79	\$54,115.00
12	157000000-E	620	ASPHALT BINDER FOR PLANT MIX	74.00	TOMB	\$68	\$5,032.00
13	180000000-E	59	WEDGING EXISTING PAVEMENT (SURFACE COURSE)	25.00	TOMB	\$51	\$1,275.00
14	180000000-E	59	WEDGING EXISTING PAVEMENT (INTERMEDIATE COURSE)	35.00	TOMB	\$58	\$2,030.00
15	225000000-E	840	PIPE COLLARS	2.00	CF	\$1,000.00	\$2,000.00
16	228000000-N	840	MASONRY DRAINAGE STRUCTURE	2.00	EA	\$1,820	\$3,640.00
17	263000000-N	880	FRAMP WITH BRUTE RCH & 8x16	3.00	CA	\$2,000	\$6,000.00
18	267000000-E	852	2" MONOLITHIC GLASS BLOCK IN	37.00	SY	\$306	\$11,322.00
19	273000000-E	59	INCIDENTAL CONC	46.00	SY	\$70	\$3,220.00
20	280000000-N	850	CONVERT EXISTING DRAINAGE TO GRADE	1.00	EA	\$1,500	\$1,500.00
21	300000000-E	861	STEEL BOLLARD, DOUBLE FACED	20.00	LF	\$44	\$880.00
22	447000000-N	59	SIGNING	1.00	US	\$5,000.00	\$5,000.00
23	455000000-N	1325	TEMPORARY TRAFFIC CONTROL	1.00	US	\$5,000.00	\$5,000.00
24	460000000-E	1325	4" X 10' W WHITE TRIPVOD	2,500.00	LF	\$2	\$5,000.00
25	460000000-E	1325	4" X 12' W WHITE TRIPVOD	200.00	LF	\$2	\$400.00
26	460000000-E	1325	4" X 12' W YELLOW TRIPVOD	3,250.00	LF	\$2	\$6,500.00
27	472000000-E	1325	TRIPVOD PAVEMENT MARKING SYMBOL (BOWLS)	6.00	LF	\$300	\$1,800.00
28	480000000-N	1255	SHOW FLOWABLE MARKERS	40.00	EA	\$30	\$1,200.00
29	580000000-N	59	RAISE SS MANHOLE	1.00	EA	\$400	\$400.00
30	600000000-E	1625	TEMPORARY SELF PERCE	30.00	LF	\$1	\$30.00
31	600000000-E	1630	STONE FOR EC CLASS B	10.00	TOMB	\$45	\$450.00
32	601000000-E	1630	SEDIMENT CONTROL STONE	10.00	TOMB	\$20	\$200.00
33	604000000-E	1625	TEMPORARY MULCHING	0.50	ACR	\$1,400	\$700.00
34	609000000-E	1631	SMATTING FOR EROSION CONTROL	20.00	SY	\$1	\$20.00
35	604000000-E	1632	5/8" HARDWARE CLOTH	20.00	LF	\$4	\$80.00
36	607100000-E	59	WATTLE	205.00	LF	\$5	\$1,025.00
37	608400000-E	1680	SEED & MULCHING	1.00	AC	\$1,400	\$1,400.00
38	609000000-E	1661	SEED FOR REPAIR SEEDING	10.00	LB	\$8	\$80.00
39	609000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25	TOMB	\$600	\$150.00
40	210000000-E	1.00	2100 CONTINGENCY	1.00	EA	\$92,000.00	\$92,000.00
Subtotal							\$1,000,000.00
Total Estimate							\$1,000,000.00

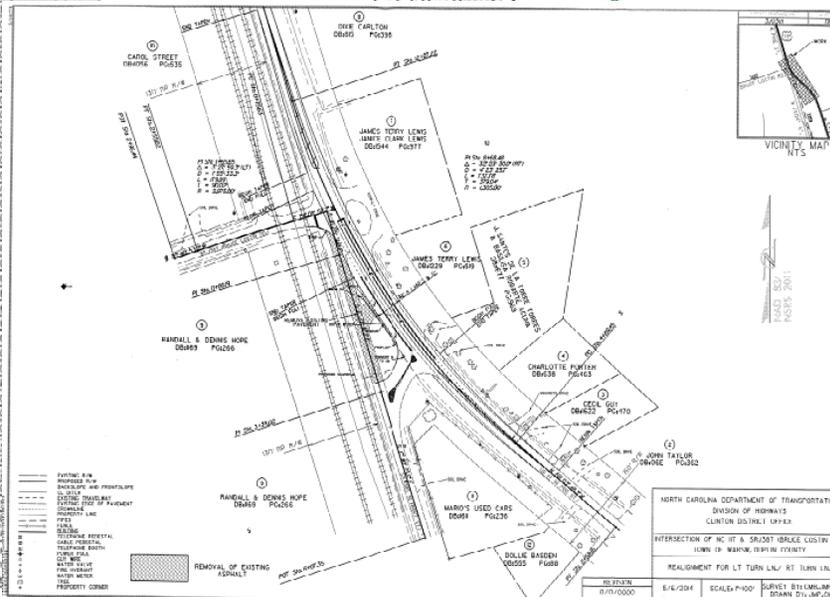
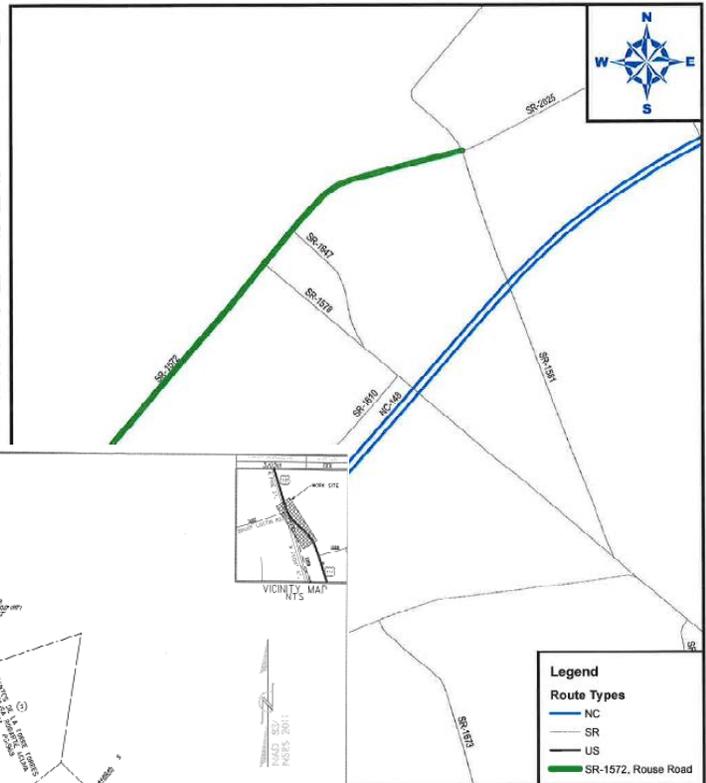
nja Hayes  
1 Creeks Edge Drive  
Leads Ferry, NC 284

car Ms. Hayes,

he Department appreciates  
C 210 and SR 1671 (

traffic signal analysis  
his study included ev  
arrant analyses, the I  
which is a manual ap  
purpose of the MUTC  
country. Traffic sign

Vicinity Map



Jessi Booker  
Deputy Traffic Engineer

A photograph of a winding asphalt road through a dense forest of green trees. The road curves to the right and has double yellow lines. Two cars are visible in the distance on the road. The image is framed by a white, glowing border.

Thank you

Questions?



# **Division of Aviation**

## **UAS Update Briefing**

Bobby Walston, P.E., Aviation Director

May 6, 2015

# Common Misconception: “FAA has no rules governing unmanned aircraft”

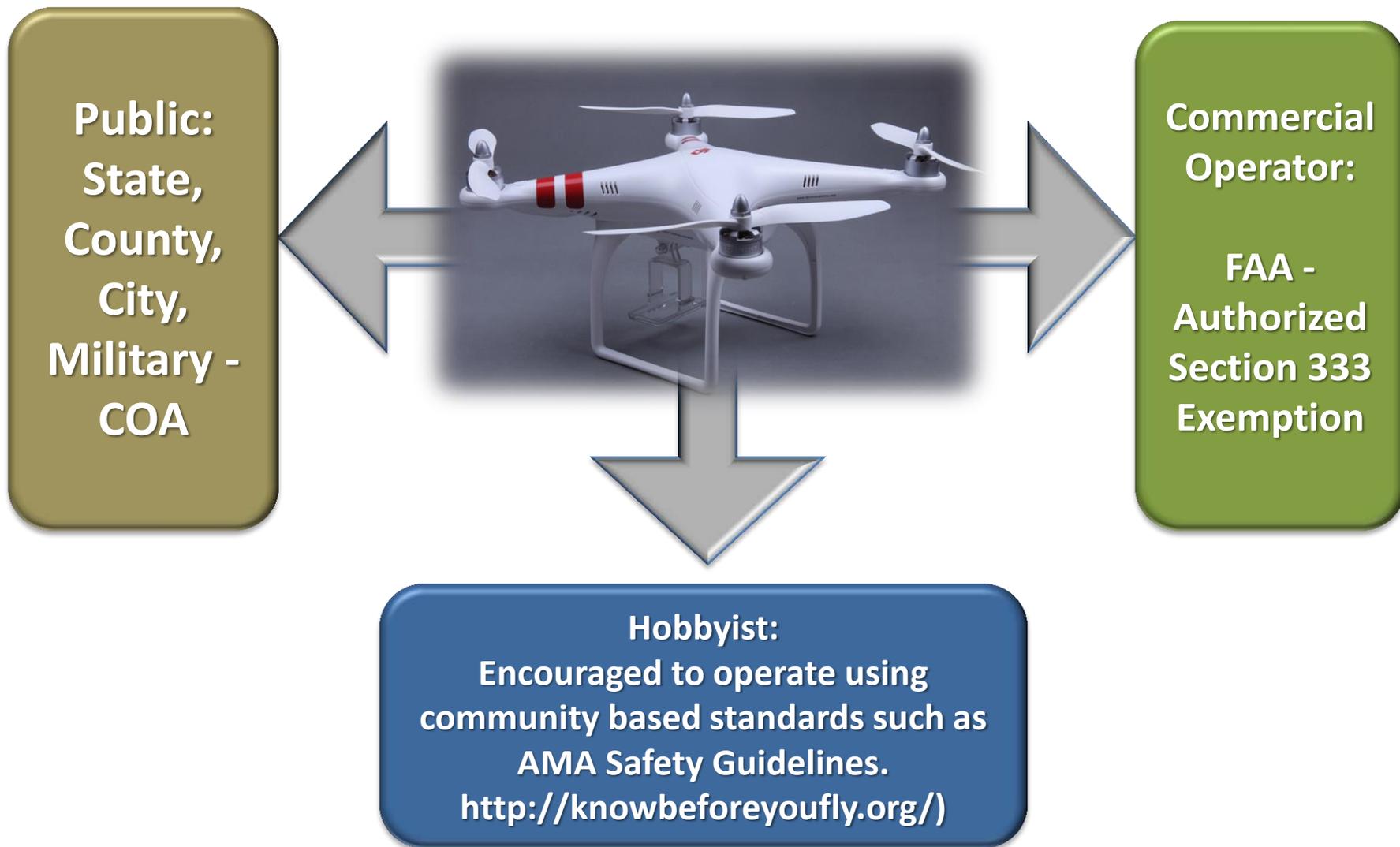
## Title 14, Code of Federal Regulations (14 CFR)



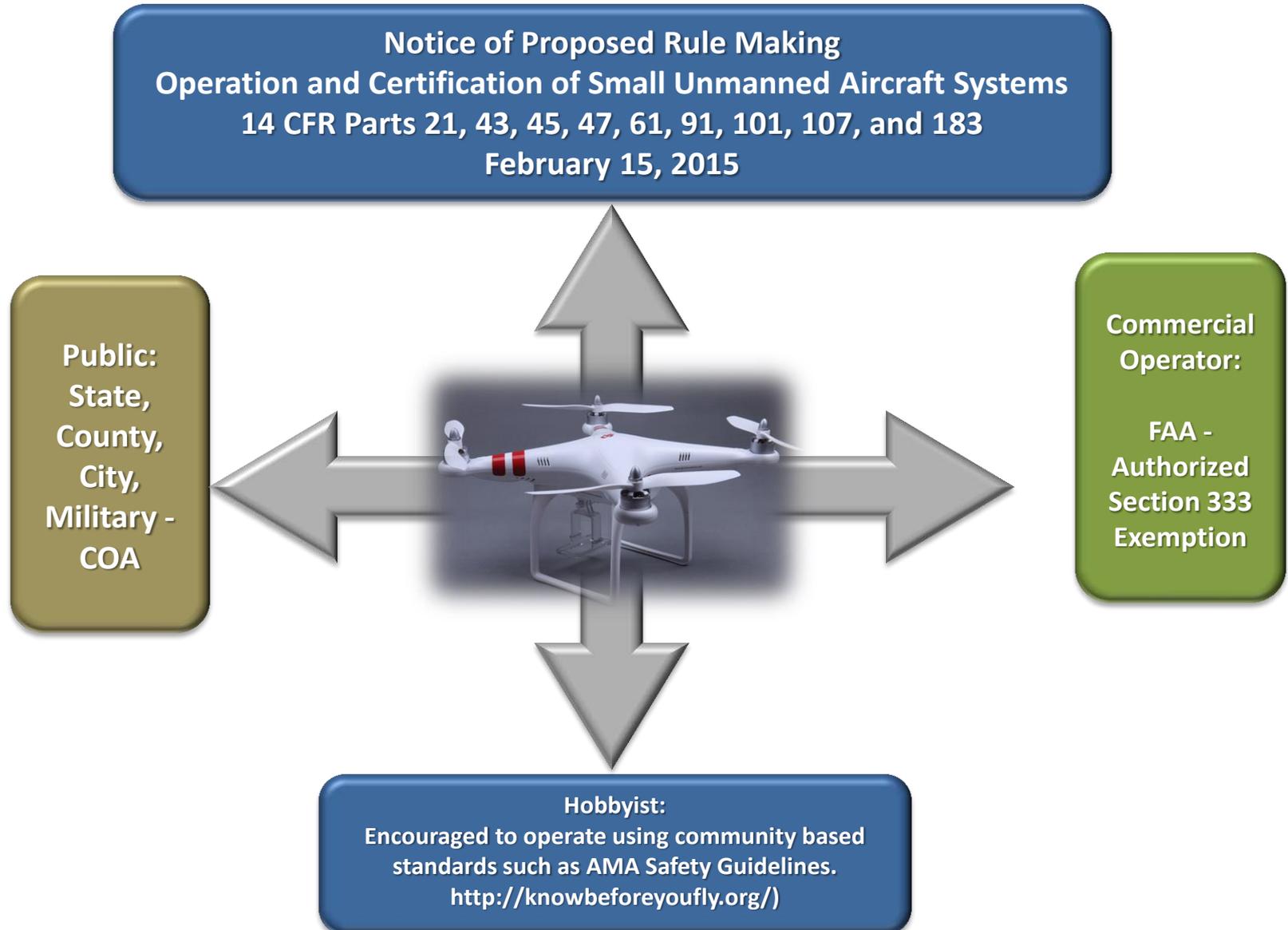
49 U.S.C. United States Code -Title 49 –§40103. ....

- (1) The United States Government has exclusive sovereignty of airspace of the United States.

## Current Legal Paths to UAS Flight in the NAS



# Future Legal Paths to UAS Flight in the NAS



# FAA Authorized UAS Flight –

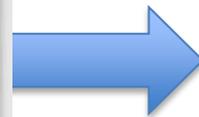
- **Certificates of Waiver or Authorization (COA)** - an authorization issued by the Air Traffic Organization to a public operator for a specific UA activity.
- **FAA Modernization and Reform Act of 2012 (FMRA)** allows FAA to establish an interim policy that bridges the gap between the current state and NAS operations as they will be once the small UAS rule is finalized:

**Section 333**, "Special Rules for Certain Unmanned Aircraft Systems"





*April 2011*



NCDOT Established a Taskforce  
to evaluate UAS impact  
In the State.

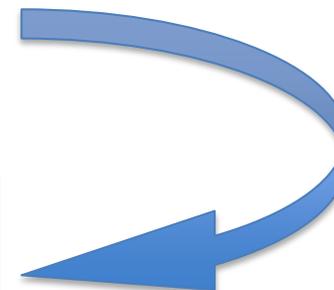
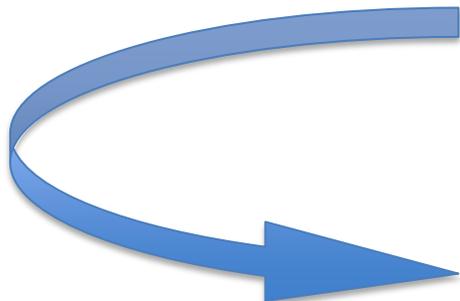
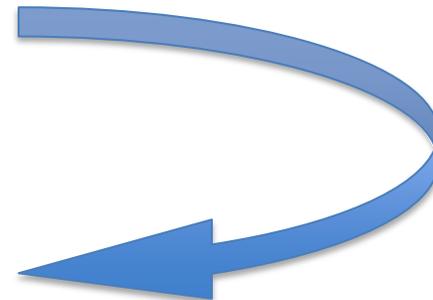


*2012- Present*

Conduct UAS research, establish UAS flight  
activities and to recommend applications for  
State agencies.

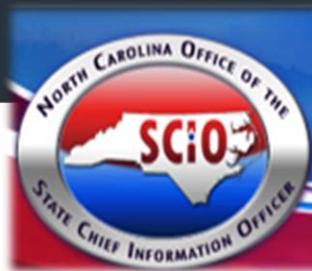


*2013-2014*





Due to public concerns over the use of unmanned aircraft systems in 2014 the General Assembly enacted certain laws governing their use.



## North Carolina Chief Information Officer (CIO) Approval

No State or local governmental entity or officer may:

- Procure or operate an unmanned aircraft system without approval.
- Disclose personal information about any person acquired through the operation of an unmanned aircraft system.



**General Prohibitions**— Except as otherwise provided in this section, no person, entity, or State agency shall use an unmanned aircraft system to do any of the following:

(1) Conduct surveillance of:

- a. A person or a dwelling occupied by a person and that dwelling's curtilage without the person's consent.
- b. Private real property without the consent of the owner, easement holder, or lessee of the property.

(2) Photograph an individual, without the individual's consent, for the purpose of publishing or otherwise publicly disseminating the photograph. This subdivision shall not apply to newsgathering, newsworthy events, or events or places to which the general public is invited.

## Law Enforcement Exceptions

- (1) To counter a high risk of a terrorist
- (2) To conduct surveillance in an area that is within a law enforcement officer's plain view.
- (3) If the law enforcement agency first obtains a search warrant
- (4) If the law enforcement believes that:
  - swift action is needed to prevent imminent danger to life or serious damage to property,
  - to forestall the imminent escape of a suspect
  - to conduct pursuit of an escapee or suspect, or
  - to facilitate the search for a missing person.
- (5) To photograph gatherings to which the general public is invited on public or private land.

## Limitations on Use of Special Imaging Technology

Commercial and private systems equipped with Infrared or other similar thermal imaging technology equipment shall be for the sole purpose of:

- scientific investigation or research;
- mapping and evaluating the earth's surface, including terrain and surface water bodies
- investigation or evaluation of crops, livestock, or farming operations;
- investigation of forests and forest management and other similar investigations of vegetation or wildlife.



- Any person who is the subject of unwarranted surveillance, shall have a civil cause of action against the person, entity, or State agency that:
  - conducts the surveillance or
  - that uses an unmanned aircraft system to photograph for the purpose of publishing or otherwise disseminating the photograph.
- In lieu of actual damages, the person whose photograph is taken may elect to recover five thousand dollars (\$5,000) for *each* photograph or video that is published or otherwise disseminated,

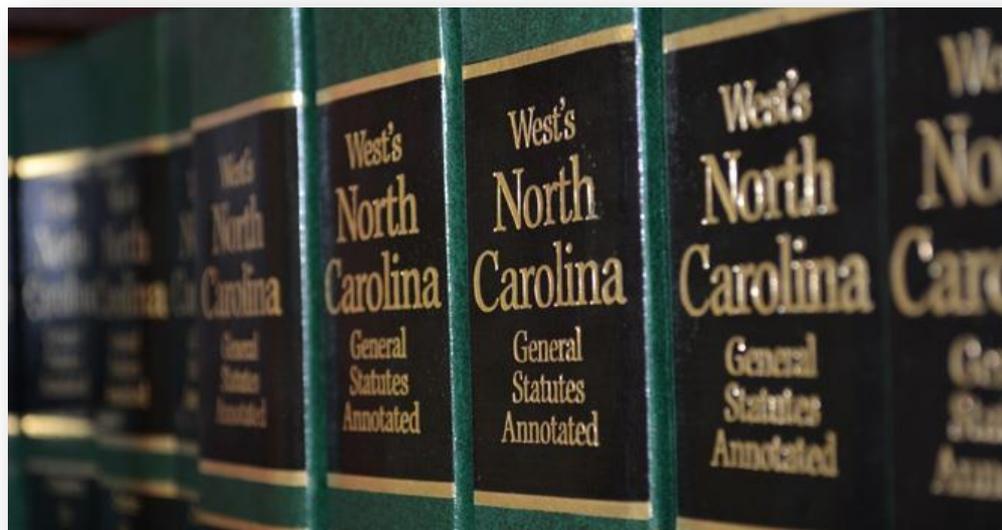




## Regulation of launch and recovery sites.

(a) No unmanned aircraft system may be launched or recovered from any State or private property without consent.

(b) A unit of local government may adopt an ordinance to regulate the use of the local government's property for the launch or recovery of unmanned aircraft systems."



## **Crimes committed by use of unmanned aircraft systems**

All crimes committed by use of an unmanned aircraft system, while in flight over this State shall be governed by the laws of this State.



## **Interference with manned aircraft by unmanned aircraft systems.**

Any person who willfully damages, disrupts the operation of, or otherwise interferes with a manned aircraft through use of an unmanned aircraft system, while the manned aircraft is taking off, landing, in flight, or otherwise in motion, is guilty of a Class H felony.

# Questions?

Bobby Walston, P.E.

919-814-0550

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



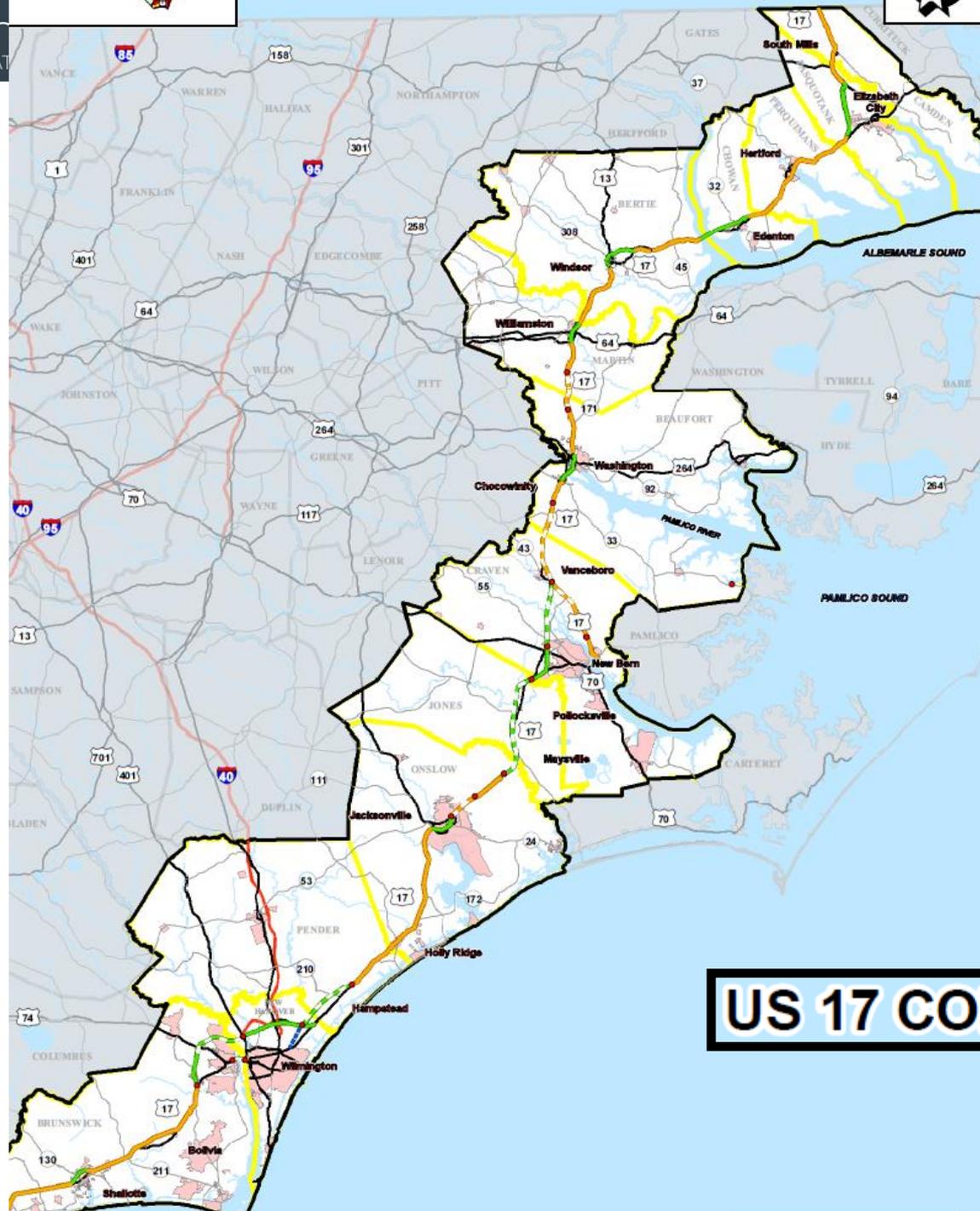
# North Carolina

DEPARTMENT OF TRANSPORTATION

## US 17 and US 70 Workgroups

Rob Hanson, P.E.

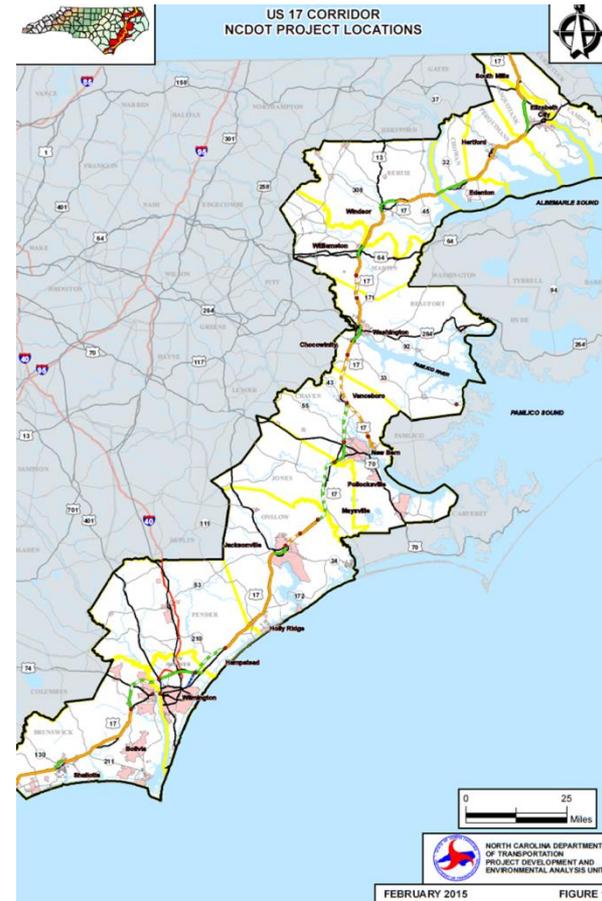
May 6, 2015



**US 17 CORRIDOR**

# US 17 BOARD WORKGROUP

- Since 2002
- Divisions 1, 2, 3
- Participation by Hwy 17 Association
- Key NCDOT Staff (Program Dev., Transp. Planning, Preconstruction)
- 2-3 times/year
- Vision: 4-lane, freeway where possible

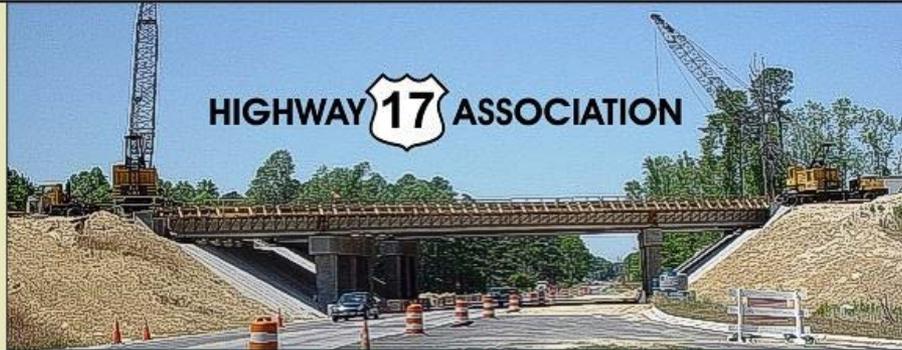




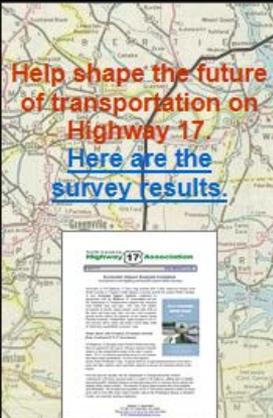
**Highway 17  
Association**

PO Box 1673  
New Bern, NC 28563

Phone: (252) 514-2748  
Fax: (252) 633-3565



[ABOUT US](#) [GOV CONTACTS](#) [FUNDING](#) [NEWSLETTER](#) [LINKS](#) [ECONOMIC IMPACT STUDY](#) [HOME](#)



**Help shape the future  
of transportation on  
Highway 17.  
[Here are the  
survey results.](#)**

[August Newsletter](#)

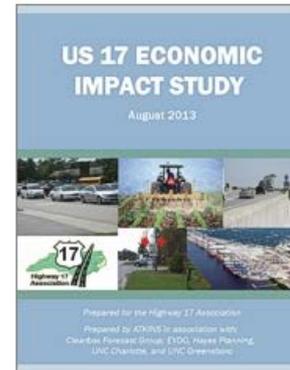
**US 17  
Economic  
Impact Study  
Begins**  
[Click Here for  
more information](#)

**It is the mission of the Highway 17 Association to assure, through collective action and constancy of purpose, that the inclusion and funding of all unfunded portions of the US Highway 17 corridor shall be part of the NC Department of Transportation's 2009 Transportation Improvement Program (TIP).**

Since the opening of the Highway 17 Association offices on October 1, 2006, the Association has made progress in many areas: Budgeting; Administration; Government Relations with Federal, State and Local policy makers; and Public outreach. Specific to its primary goal to secure funding for previously unfunded sections of US Highway 17, the Association has made tangible progress. In the last six months since the Association offices were opened, an additional \$33.9 million has been committed or pledged to Highway 17 improvements.

We support our five regional Department of Transportation Board Members, the DOT administration and staff, our state legislative delegation and our Congressional delegation, who have endorsed a fully controlled access US Highway 17 throughout North Carolina.

However, if it were not for the constant presence of the newly invigorated Highway 17 Association we would not have realized this progress. The financial support has made this progress possible, and we can continue to reap such a return on your investment.



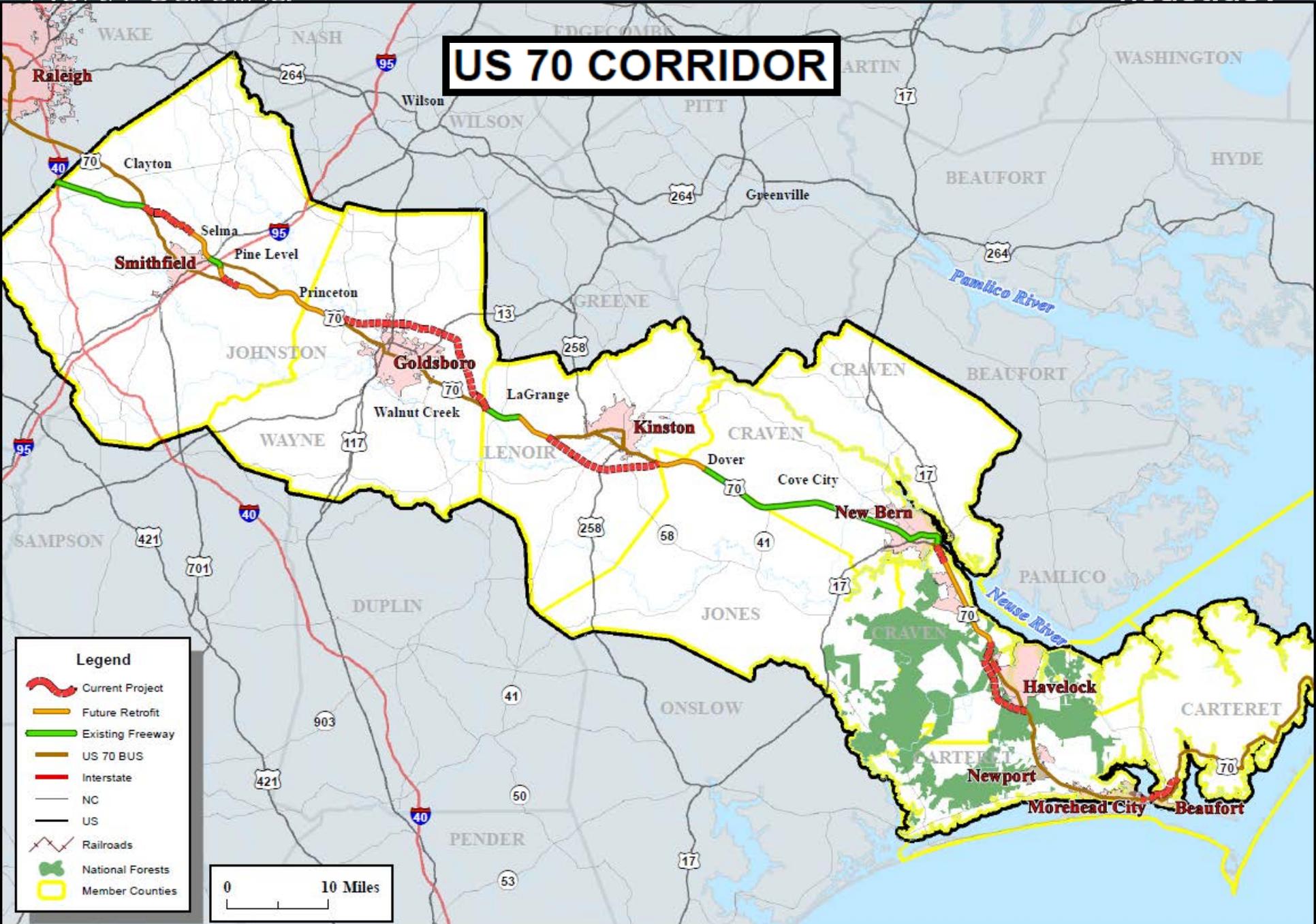
**US 17 ECONOMIC  
IMPACT STUDY**  
August 2013

Prepared for the Highway 17 Association  
Prepared by JKINS in association with  
Carolina Forecast Group, ESDG, Hayes Planning,  
UNC Charlotte, and UNC Greensboro

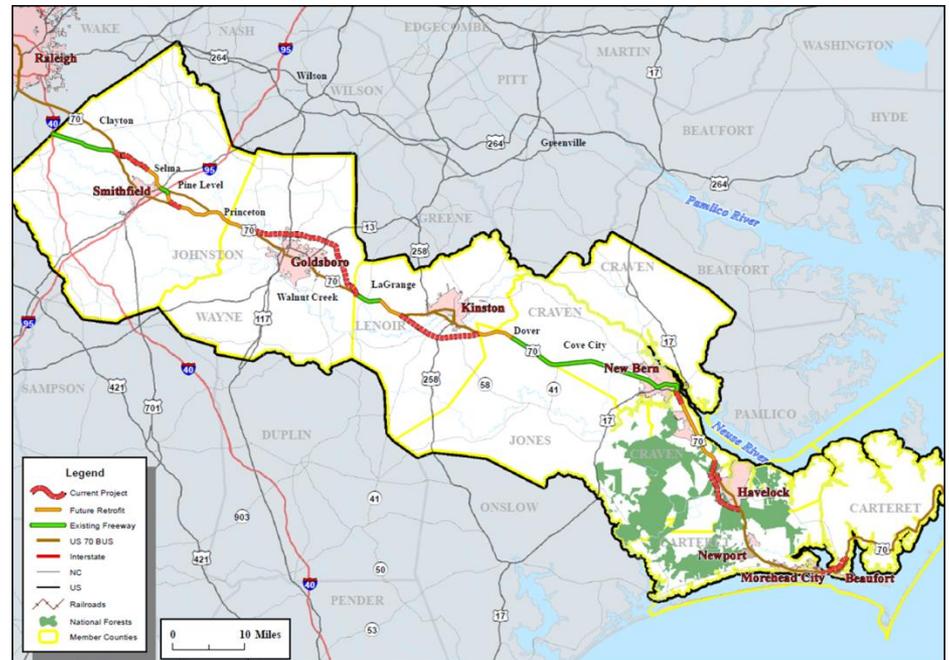
[Download Report](#)



# US 70 CORRIDOR



- US 70 BOARD WORKGROUP
  - Since 2011
  - Divisions 2, 4, (also Div. 3 as appropriate)
  - Participation by US 70 Corridor Commission
  - Key NCDOT Staff (Program Dev., Transp. Planning, Preconstruction)
  - 3-4 times/year
  - Freeway Vision



# US Highway 70 Corridor

One Vision : One Voice

[Home](#) [Projects](#) [Meetings](#) [Participants](#) [Resources](#) [Maps](#) [Contact](#) [Calendar](#)



## Our Vision

### VISION STATEMENT

**To partner  
with local, regional and state  
government agencies  
to effectively support initiatives  
enhancing safety, mobility  
and economic vitality  
along the Highway 70 corridor  
through land use planning,  
transportation improvement  
and economic development strategies.**

### HIGHWAY 70 CORRIDOR COMMISSION CONTACT

**M. Durwood Stephenson, Director**

**DurwoodUS70@gmail.com  
1090 West Market Street  
P. O. Box 1187**

## Announcements

**Update on Major U.S.  
70 Corridor Projects  
Status Report as of  
February 2015**

**Economic Impact  
Study Highlights  
Benefits of U.S. 70  
Corridor  
Improvements**

**A new study finds  
improving the U.S. 70  
corridor will create  
hundreds of new jobs and  
improve the region's  
economy by more than  
one billion dollars.**

**US 70 Corridor Economic  
Assessment Study**

**US 70 Corridor Economic**

## Upcoming Events

**May 21, 2015**

**1:30 PM - 4:30 PM  
Highway 70 Corridor Commission  
Meeting - Woodman Community  
Center, 206 W. Vernon Ave.,  
Kinston, NC**

**June 3, 2015**

**Highway 70 Board of  
Transportation Work Group,  
Highway Building, Raleigh, NC -  
Room and Time TBA**

**July 16, 2015**

**1:30 PM - 4:30 PM  
Highway 70 Corridor Commission  
Meeting - Location in Carteret  
County TBD**

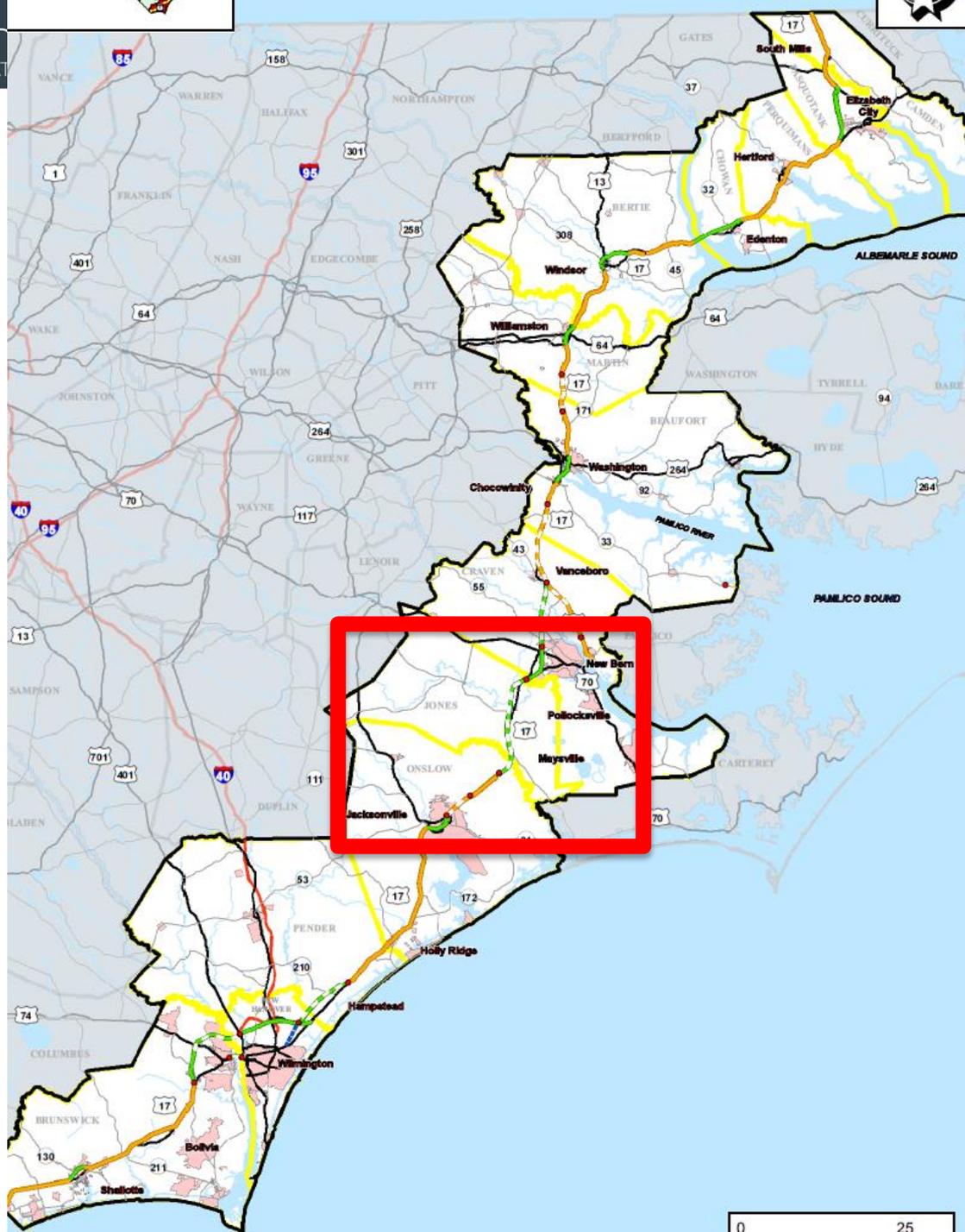
**September 2, 2015**

**Highway 70 Board of  
Transportation Work Group,  
Highway Building, Raleigh, NC -  
Room and Time TBA**



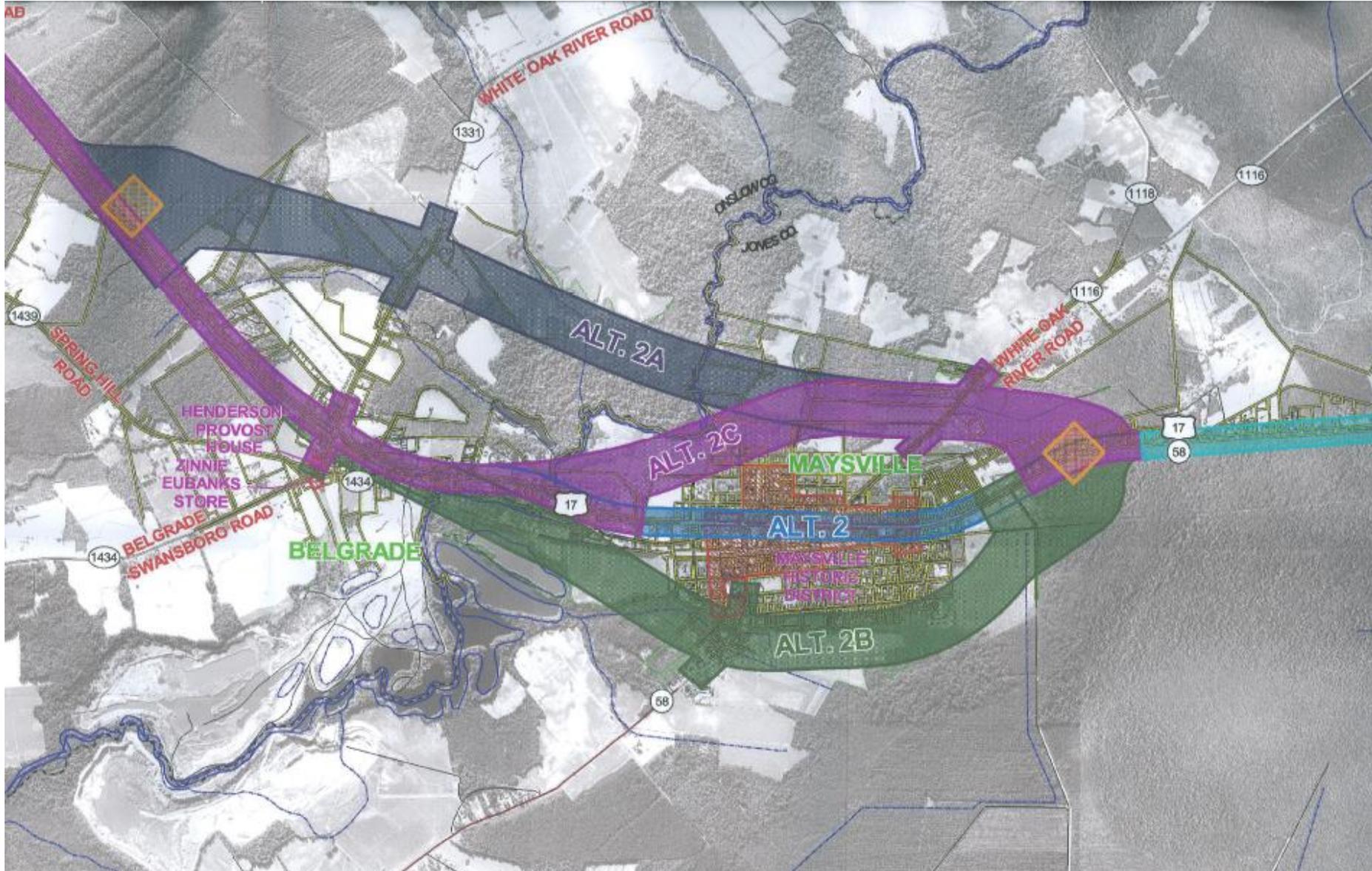
- Example – US 17 Project (R-2514)
  - Maysville Bypass alternative selection
  - Wetlands, community impacts, corridor vision
  - NCDOT Merger Process
  - Second round of public hearings required











US 17 Maysville Bypass Corridor Public Hearing Map

R-2514 B, C & D - US 17  
CORRIDOR SELECTION SUMMARY OF IMPACTS  
FOR SOUTHERN PORTION OF PROJECT FROM BELGRADE TO CHADWICK

Alternatives	Total Length (miles)	Proposed ROW	Field Recommended							Relocations		Cemetery Impacts	Noise Impacts (total)	Historic Resources Impacted	Potential Environmental Justice/Community Impacts
			Bridge Length (ft)	Total Wetland Impacts (acres)	Stream Impacts (ft)	Length of Floodplain Crossing (ft)	Const. Cost # (millions)	R/W Cost	TOTAL COST	Residential	Business or Other				
Alt 2A (Freeway)	4.39	250'	3 Structures 100', Pipe, 116 Total = 1260	39.80	3117	1260	\$75.13	\$2.60	\$77.73	21	5	1	60	None	None
Alt 2A (Revised No Interchange)	4.39	250'	3 Structures 100', Pipe, 116 Total = 1260	26.39	1835	1260	\$53.26	\$2.60	\$55.86	10	1	1	60	None	None
Alt 2C Revised	4.71	250'	560	16.74	2531	560	\$46.23	\$5.60*	\$51.83*	18	18	2	126	None	Belgrade

# Cost estimated in Yr 2007

 Highest Impacts by Alternative  
 Lowest Impacts by Alternative

\* Does not include the cost of Right-of-Way for Service Roads.

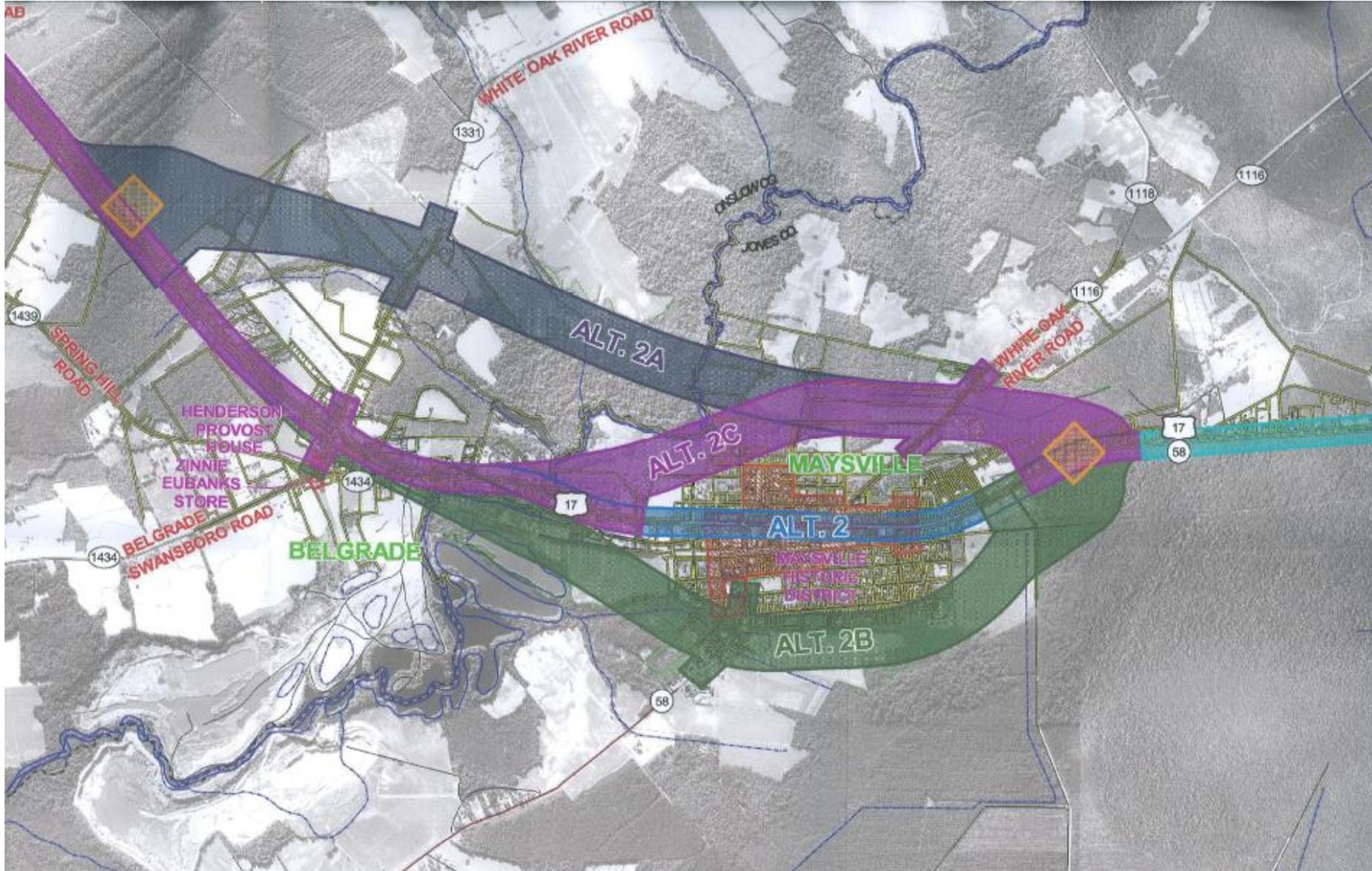
R-2514 B, C & D - US 17  
CORRIDOR SELECTION SUMMARY OF IMPACTS  
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Alt 2A (Freeway)	4.39	250'	3 Structures 100', Pipe, 1160' Total = 1260	39.80	3117	1260	\$75.13	\$2.60	\$77.73	21	5	1	60	None	None
Alt 2A (Revised No Interchange)	4.39	250'	3 Structures 100', Pipe, 1160' Total = 1260	26.39	1835	1260	\$53.26	\$2.60	\$55.86	10	1	1	60	None	None
Alt 2C Revised	4.71	250'	560	16.74	2531	560	\$46.23	\$5.60*	\$51.83	18	18	2	126	None	Belgrade

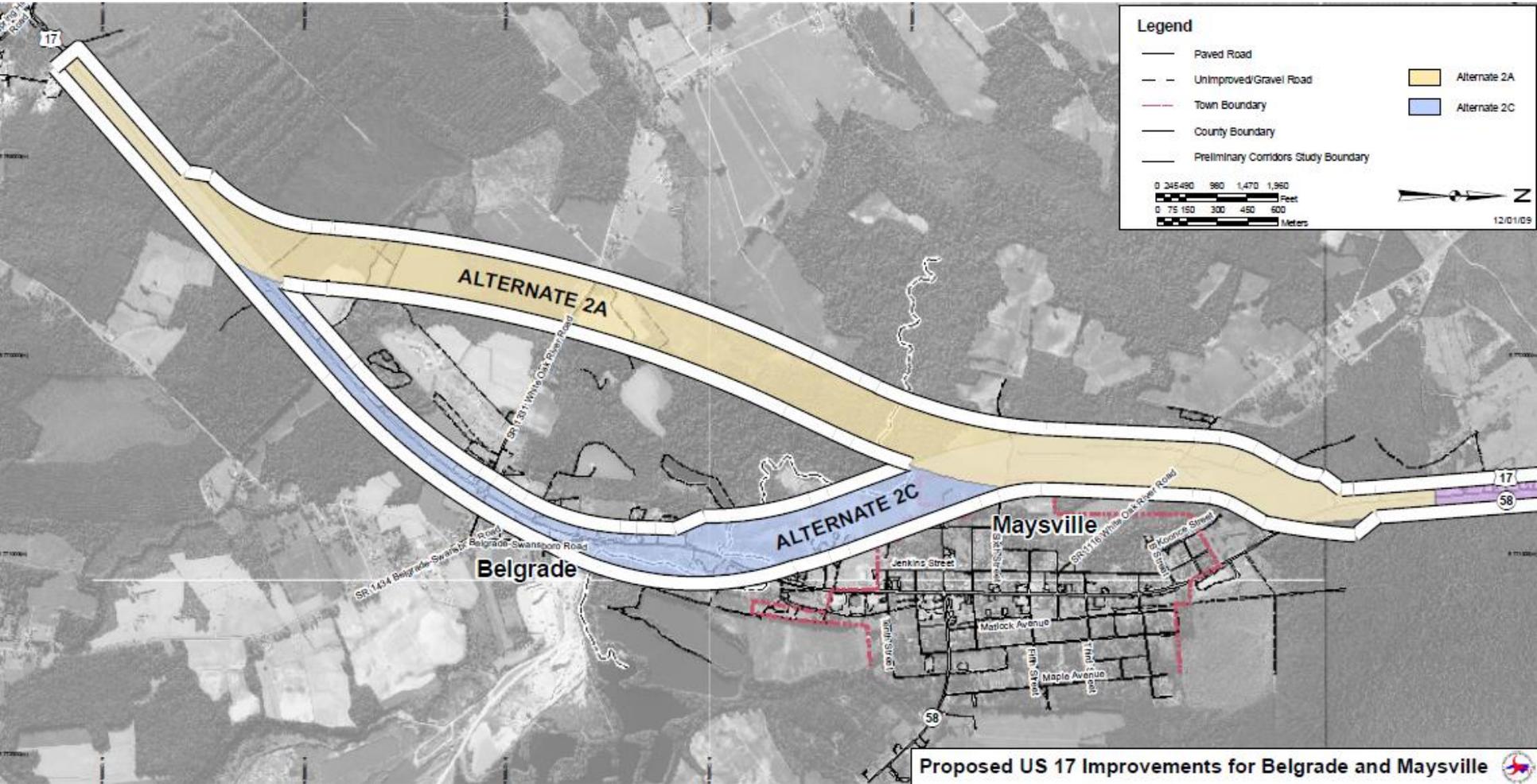
# Cost estimated in Yr 2007

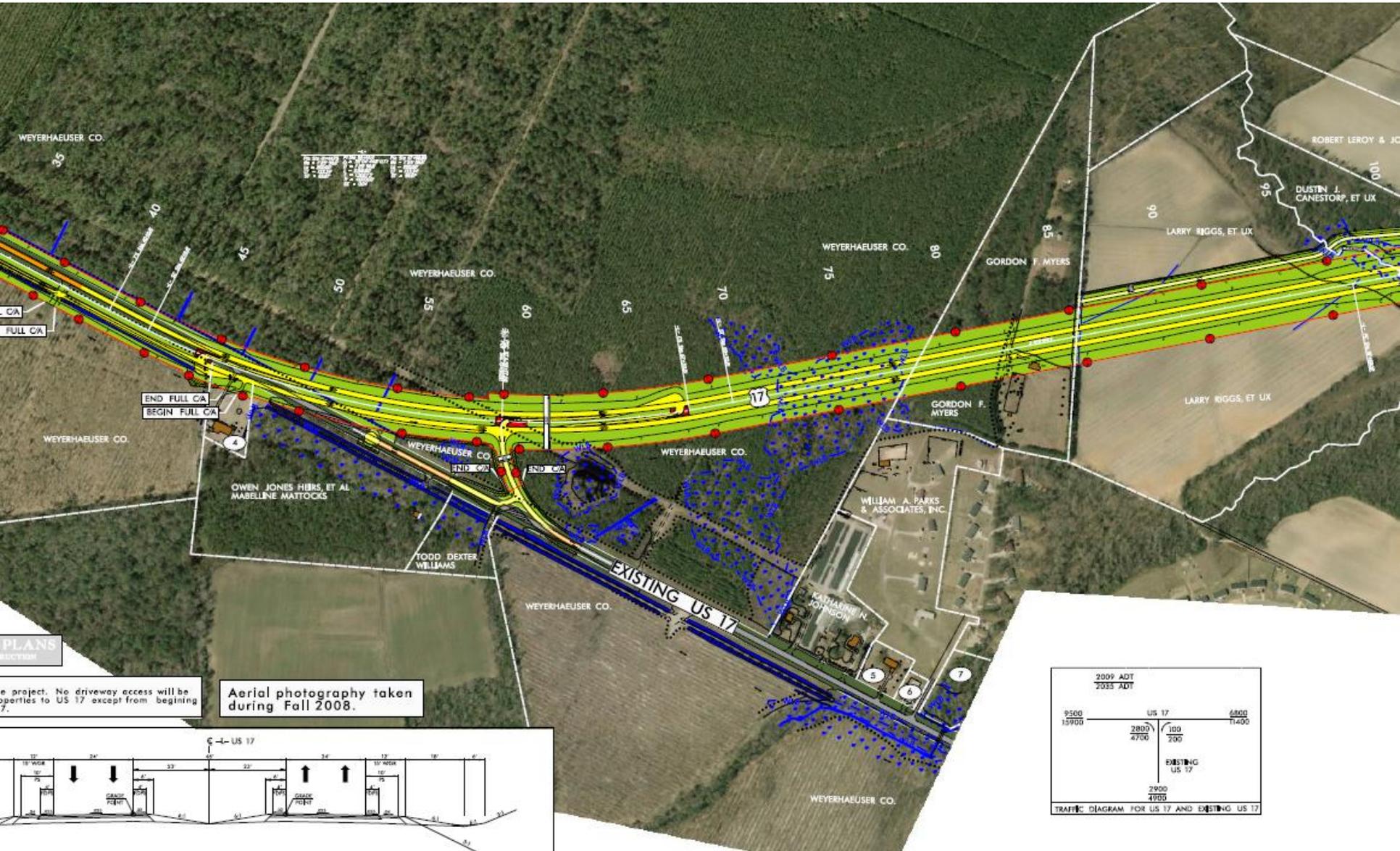
- Highest Impacts by Alternative
- Lowest Impacts by Alternative

\* Does not include the cost of Right-of-Way for Service Roads.



US 17 Maysville Bypass Corridor Public Hearing Map

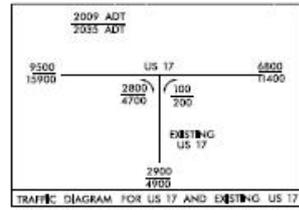
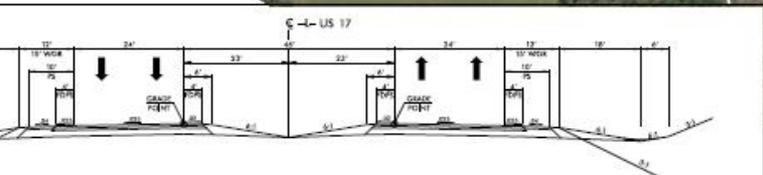




PLANS  
SECTION

the project. No driveway access will be permitted to US 17 except from beginning of project.

Aerial photography taken during Fall 2008.



## Residents get state to change bypass location

**MAYSVILLE** — The proposed U.S. 17 bypass around Maysville has changed direction.

<http://www.jdnews.com/>

Residents get state to change bypass location

**MAYSVILLE** — The proposed U.S. 17 bypass around Maysville has changed direction.

Originally planned to cut through Belgrade — demolishing a cemetery, fire department, campgrounds, several dozen homes, numerous properties and several businesses along the way — construction will now swing 4.4 miles through woodlands instead if the N.C. Department of Transportation funds the project.

Gregg Carpitano, a Belgrade salvage yard owner who organized a grassroots campaign to get the state to change routes said he is extremely happy officials listened to the more than 3,000 letters, e-mails and petitions he funneled their way.

“We got what we wanted,” he said. “We didn’t want to see 76 houses destroyed. This way Belgrade is not wiped off the map.”

After a year of discussion, an interagency team made up of local officials, the DOT and state environmental agencies and the U.S. Army Corps of Engineers initially selected Alternate 2C as the preferred alternative in April 2009.

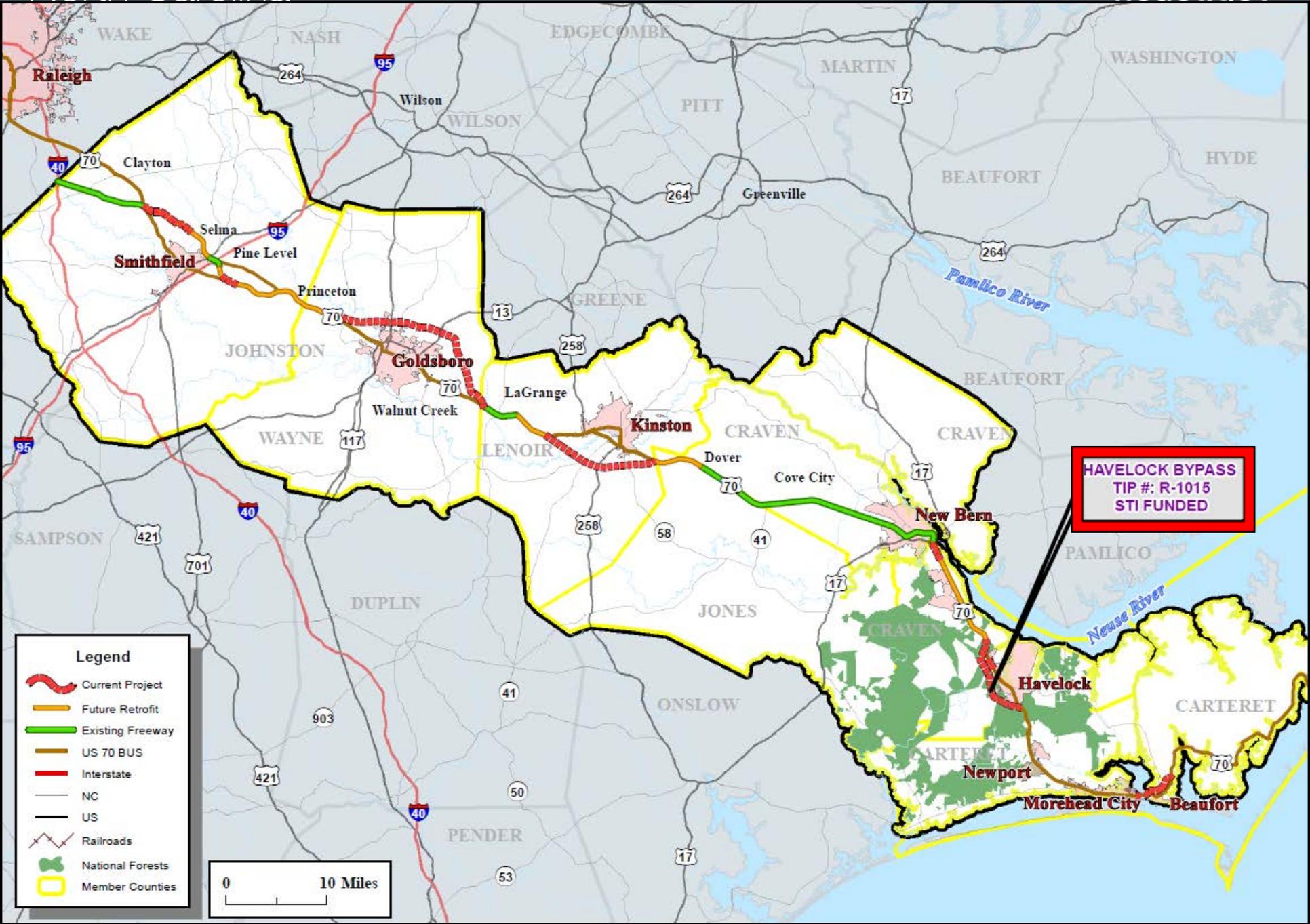
Officials believed this option best balanced impacts to the environment and communities. But after hearing from local residents and business owners — with Carpitano leading the charge — the team went back and reviewed environmental impacts, comments and updated relocation estimates, said Mark Pierce, project planning engineer with the DOT’s Eastern Project Development Unit.

- Example - Havelock Bypass



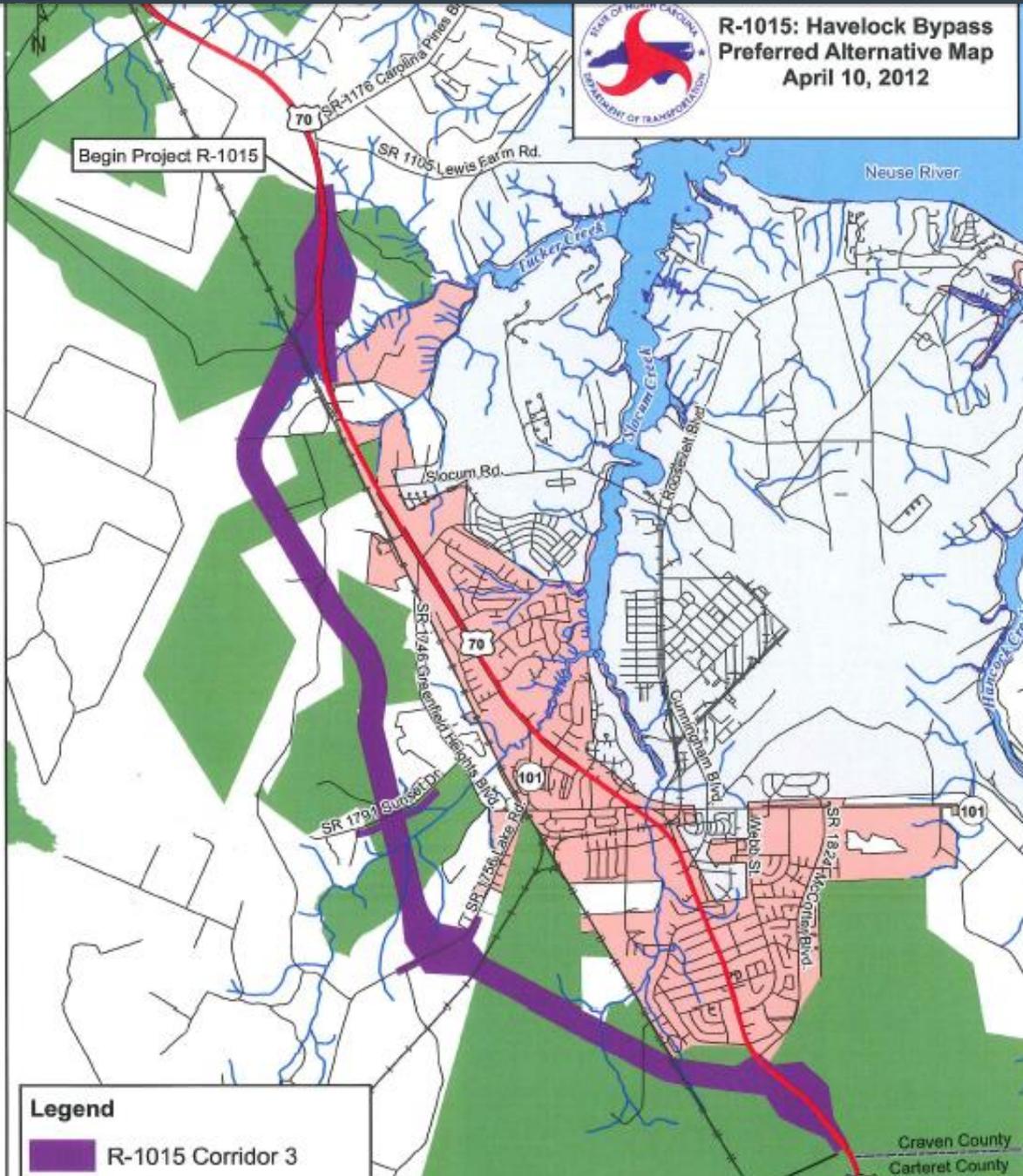
- Complex Project
- Protected species
- Croatan National Forest
- Croatan Wetland Mitigation Bank







**R-1015: Havelock Bypass  
Preferred Alternative Map  
April 10, 2012**

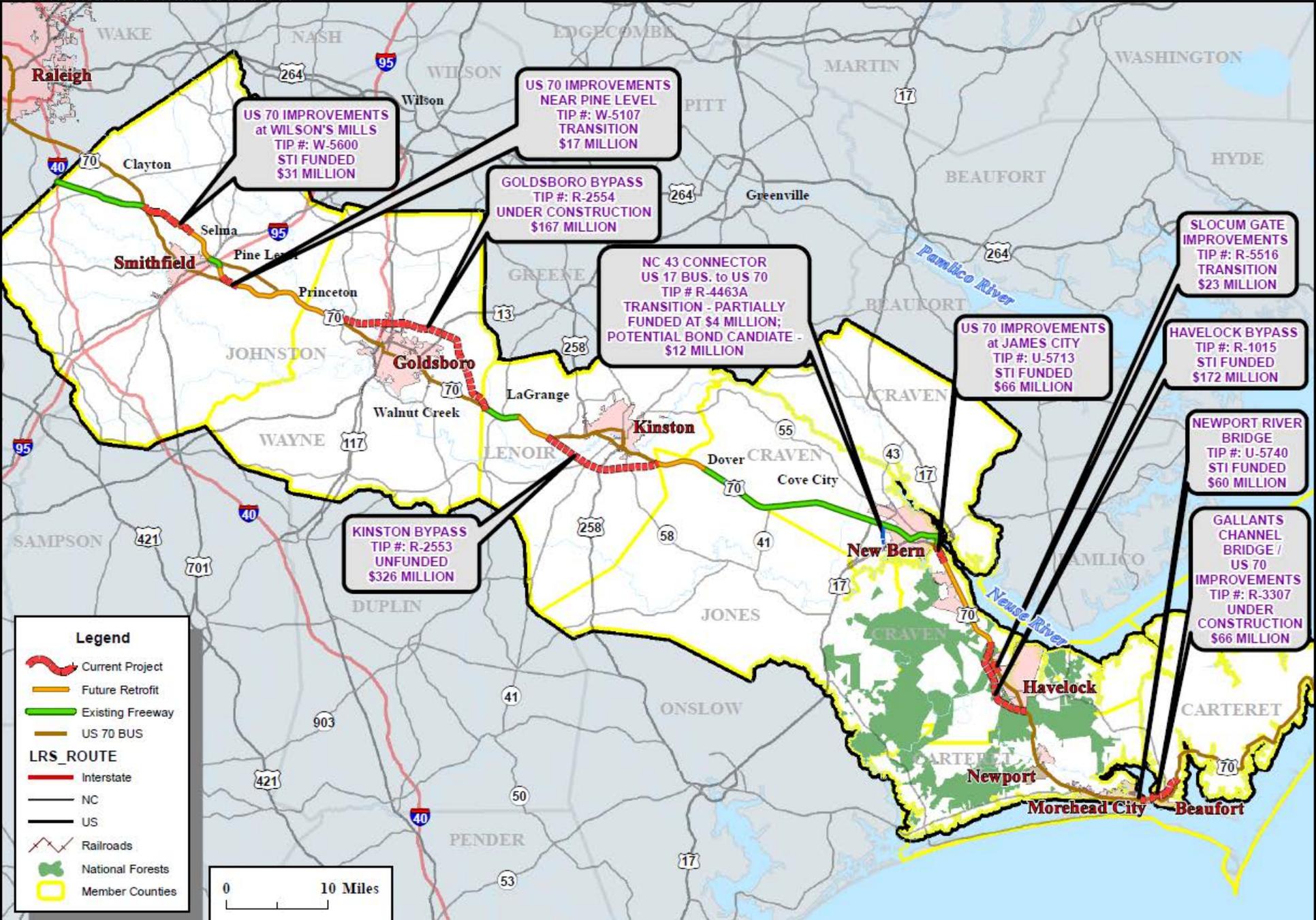


# Recent Natural Resource Investigations

- Spring species (*Solidago verna*) report (Sept. 2012)
- RCW Management Plan for CWMB (Nov. 2012)
- Updated rare species/PETS report (Jan. 2013)
- Wetland delineation update (2013)
- Summer species report (Aug. 2013)
- Fall species (*Paspalum*) report (Aug. 2013)
- Rare Plant Mitigation/Non-native Invasive Analysis (Oct. 2013)
- Bryophyte report (Nov. 2013)
- RCW Biological Assessment (Nov. 2013)
- US 70 Havelock Bypass Biological Evaluation (Jan. 2014)
- Geoenv. Site Assessment for Hickman Hill Conv. (Dec. 2012)
- Indirect and Cumulative Impacts Assessment (Sept. 2013)
- Biological Evaluation Report (Jan. 2014)
- Migratory Bird Evaluation (Jun. 2014)
- CNF Management Indicators Species Report (Jul. 2014)







**US 70 IMPROVEMENTS at WILSON'S MILLS**  
TIP #: W-5600  
STI FUNDED  
\$31 MILLION

**US 70 IMPROVEMENTS NEAR PINE LEVEL**  
TIP #: W-5107  
TRANSITION  
\$17 MILLION

**GOLDSBORO BYPASS**  
TIP #: R-2554  
UNDER CONSTRUCTION  
\$167 MILLION

**NC 43 CONNECTOR**  
US 17 BUS. to US 70  
TIP # R-4463A  
TRANSITION - PARTIALLY  
FUNDED AT \$4 MILLION;  
POTENTIAL BOND CANDIATE -  
\$12 MILLION

**KINSTON BYPASS**  
TIP #: R-2553  
UNFUNDED  
\$326 MILLION

**US 70 IMPROVEMENTS at JAMES CITY**  
TIP #: U-5713  
STI FUNDED  
\$66 MILLION

**SLOCUM GATE IMPROVEMENTS**  
TIP #: R-5516  
TRANSITION  
\$23 MILLION

**HAVELOCK BYPASS**  
TIP #: R-1015  
STI FUNDED  
\$172 MILLION

**NEWPORT RIVER BRIDGE**  
TIP #: U-5740  
STI FUNDED  
\$60 MILLION

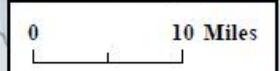
**GALLANTS CHANNEL BRIDGE / US 70 IMPROVEMENTS**  
TIP #: R-3307  
UNDER CONSTRUCTION  
\$66 MILLION

**Legend**

- Current Project
- Future Retrofit
- Existing Freeway
- US 70 BUS

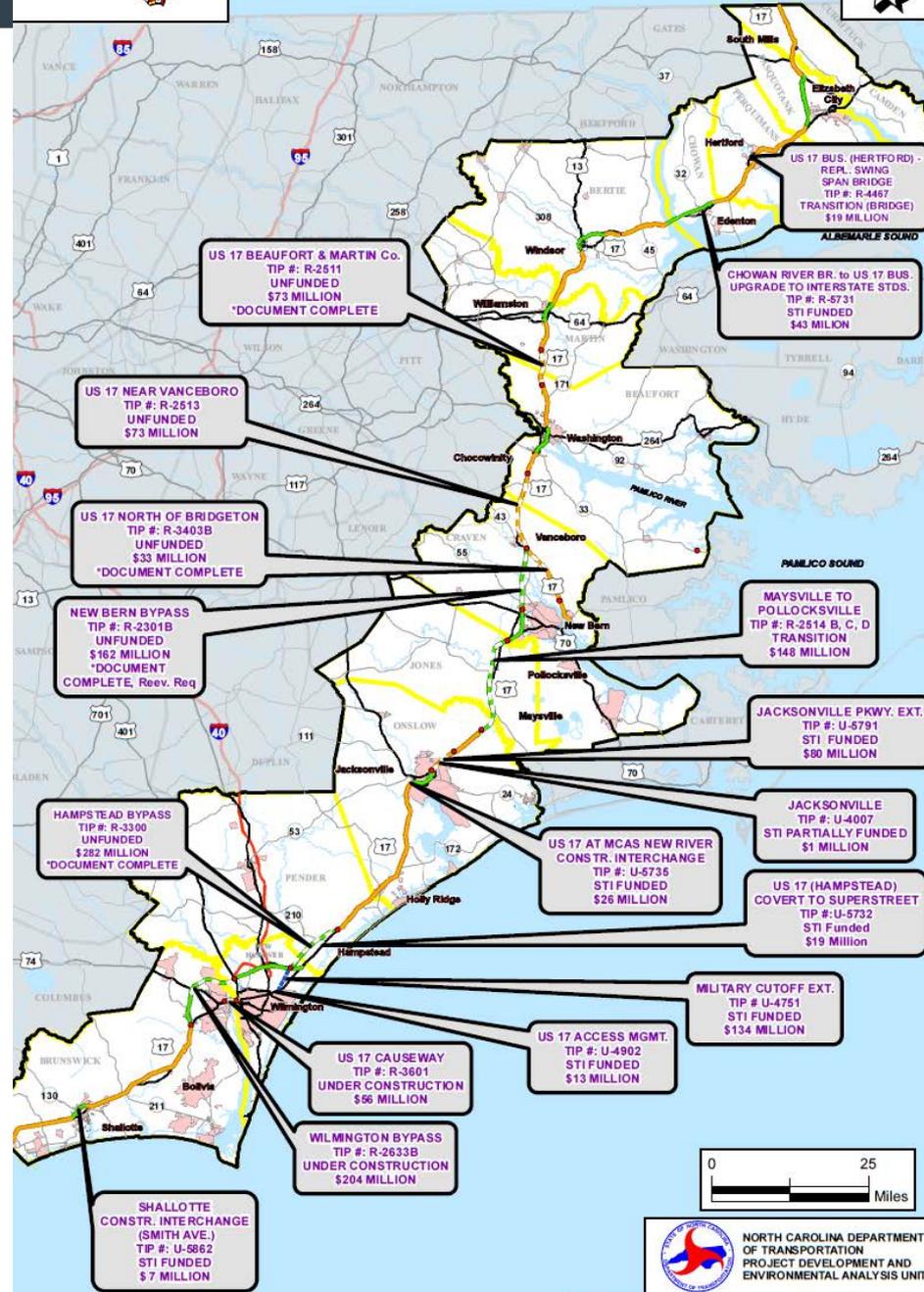
**LRS\_ROUTE**

- Interstate
- NC
- US
- Railroads
- National Forests
- Member Counties





US 17 CORRIDOR  
NCDOT PROJECT LOCATIONS





# ECONOMIC DEVELOPMENT & INTERGOVERNMENTAL RELATIONS COMMITTEE MEETING MINUTES

**DATE:** 02/04/2015    **TIME:** 1:56 P.M.    **LOCATION:** Room 150

<b>MEETING CALLED BY</b>	Hugh Overholt, Vice Chair
<b>BOARD ATTENDEES</b>	Hugh Overholt, Jake Alexander, Lou Wetmore, Jeff Sheehan, Ferrell Blount, Ed Grannis. Larry Kernea

## AGENDA TOPICS

<b>1. APPROVAL OF JANUARY ED&amp;IR MINUTES - HUGH OVERHOLT</b>	
<b>DISCUSSION SUMMARY</b>	Mr. Hugh Overholt approved the January ED&IR Committee Meeting Minutes.
<b>ACTIONS TAKEN</b>	Approval of January ED&IR Committee Meeting Minutes

<b>2. NORTH CAROLINA DEPARTMENT OF AGRICULTURE – INFRASTRUCTURE PRIORITIES FOR THE AG COMMUNITY - ROBERT HOSFORD</b>	
<b>DISCUSSION SUMMARY</b>	Mr. Robert Hosford from Department of Agriculture came to give a brief update of Agriculture Infrastructure needs. Mr. Hosford gave an overview of a beneficial Rail Project from Wallace to Castle Hayne with a cost of \$170 million, as well as our output process to ship overseas, Port Issues, Global TransPark of cash receipts driven by 9 surrounding counties, and Overweight Bridges throughout North Carolina.
<b>ACTIONS TAKEN</b>	

<b>3. STC APPROVAL BY THE ED&amp;IR COMMITTEE - WHOLE GROUP</b>	
<b>DISCUSSION SUMMARY</b>	STC Policy and map was presented to the Full Board during the February 4, 2015, Working Lunch. With recommendation from the ED&IR Committee no comments were presented and Committee moved forward with action to present the Final STC Policy and map to the Full Board during March 4, 2015, Board of Transportation meeting. Motion made by Ferrell Blount, Jim Palermo and seconded by David Brown.
<b>ACTIONS TAKEN</b>	Submit Final STC Policy and map to Full Board at the March 4, 2015 Board of Transportation meeting for approval.



# ECONOMIC DEVELOPMENT & INTERGOVERNMENTAL RELATIONS COMMITTEE AGENDA

## BOARD OF TRANSPORTATION MAY 6, 2015

**TIME: 1:45 P.M.**

**LOCATION: Board Room**

TOPIC	PRESENTER	TIME
Welcome/Approval of February ED&IR Committee Minutes	Hugh Overholt, Vice Chair	1:45 – 1:50
Year in Review	Susan Pullium, Director of Strategic Planning	1:50 – 2:20
Freight Plan Introduction	Terry Arellano, Transportation Planning Branch	2:20 – 2:35
Next Step/Closure	ED&IR Committee	2:35 – 2:45





## **Economic Development & Intergovernmental Relations Committee**

### **Year in Review**

Susan Pullium  
NCDOT Director of Strategic Planning  
May 6, 2015

# Committee Purpose

- Foster collaboration and relationships
- Provide oversight and policy guidance
- Evaluate the effectiveness of Economic Development promoting Grant Programs

# Foster Collaboration and Relationships

- NC Department of Environment & Natural Resources (NCDENR)
- NC Military Affairs Commission
- NC Chamber of Commerce
- Department of Agriculture & Consumer Services
- NC State Ports Authority (NCSPA)
- “Art that Moves You”

# NCDENR

## Interagency Cooperation:

- Merger Process
- Dredging
- Division of Coastal Management
  - CAMA Major Permit applications
  - Emergency Major Permits following hurricane and storm events



# NCDOT Road Projects

## 3 Odell Rd Extension

- Funding: NCDOT
- Associated DoD project to build access control point and widen Armistead Rd
- Eases congestion caused by Ft. Bragg related traffic in Spring Lake

## Murchison Rd Bypass

- Funding: 2/3 DoD, 1/3 NCDOT
- Enhances force protection
- Reduces access control manpower
- Allows incorporation of Bragg Blvd under sole jurisdiction of Ft. Bragg
- Improves N-S flow of traffic for surrounding community
- Improves traffic flow in southern Spring Lake

Fort Bragg

Spring Lake

Spring Lake

Fayetteville

Where not otherwise specified, dates are years of expected completion

Let in 2014; Scheduled completion in 2017

## 2 I-295

- Funding: NCDOT (Ft Bragg Easements)
- Connects Ft. Bragg to I-95
- Provides greater access for surrounding communities to I-95
- Eases congestion outside Ft. Bragg gates

2015

2015

2015

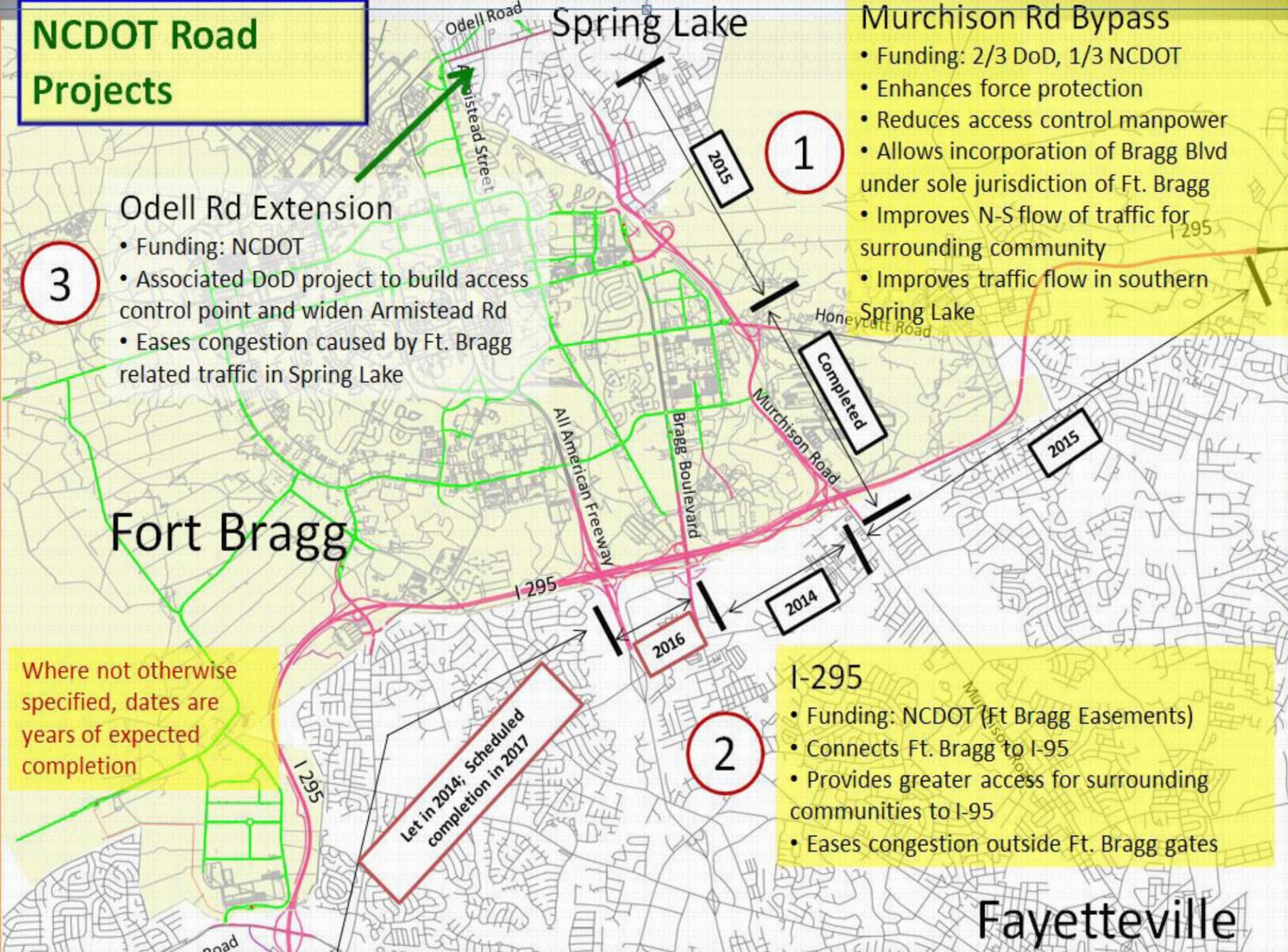
2015

Completed

2015

3

1





# North Carolina Vision 2030: Four Pillars of a Secure Future



## **Moving Agriculture Goods:**

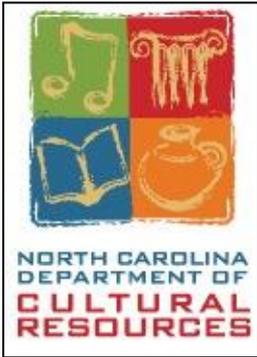
- NC Ports important for connecting to global customers
- Rail important for intra/interstate movements

## **Clearly:**

- Continued coordination between NCDOT and Department of Agriculture is of great benefit

# NCSPA: Quick Review – Fast Facts

- **NCSPA operates two international maritime port facilities**
  - ❑ Port of Wilmington
  - ❑ Port of Morehead City
- **Financial & volume statistics**
  - ❑ ~ 150,000 containers annually
  - ❑ More than 4 million tons of bulk cargo
  - ❑ Generates revenue in excess of \$40 million
  - ❑ Employs approx. 230
  - ❑ Generates earnings and cash flow to meet annual operating requirements
- **Actively promotes, markets and sells port services**
  - ❑ Cargo stevedoring
  - ❑ Container and bulk cargo storage
  - ❑ Staging & warehousing
  - ❑ Packing & stripping of cargo



- Artistic Consultation
- “Art That Moves You” Account

- Plan & Construction Oversight
- FHWA Compliance
- Architectural Consultants



GOVERNOR McCRORY'S INITIATIVE

# Art + Transportation

“Art that *Moves* you”



- North Carolina Branding
- Sponsorship Options
- 3 P's

# Oversight and Policy Guidance

- Governor McCrory's 25 Year Vision for North Carolina
- NC Transportation Network (NCTN)
- NC Strategic Transportation Corridors (STC)

GOV. McCrORY'S  
*year*  
**25**

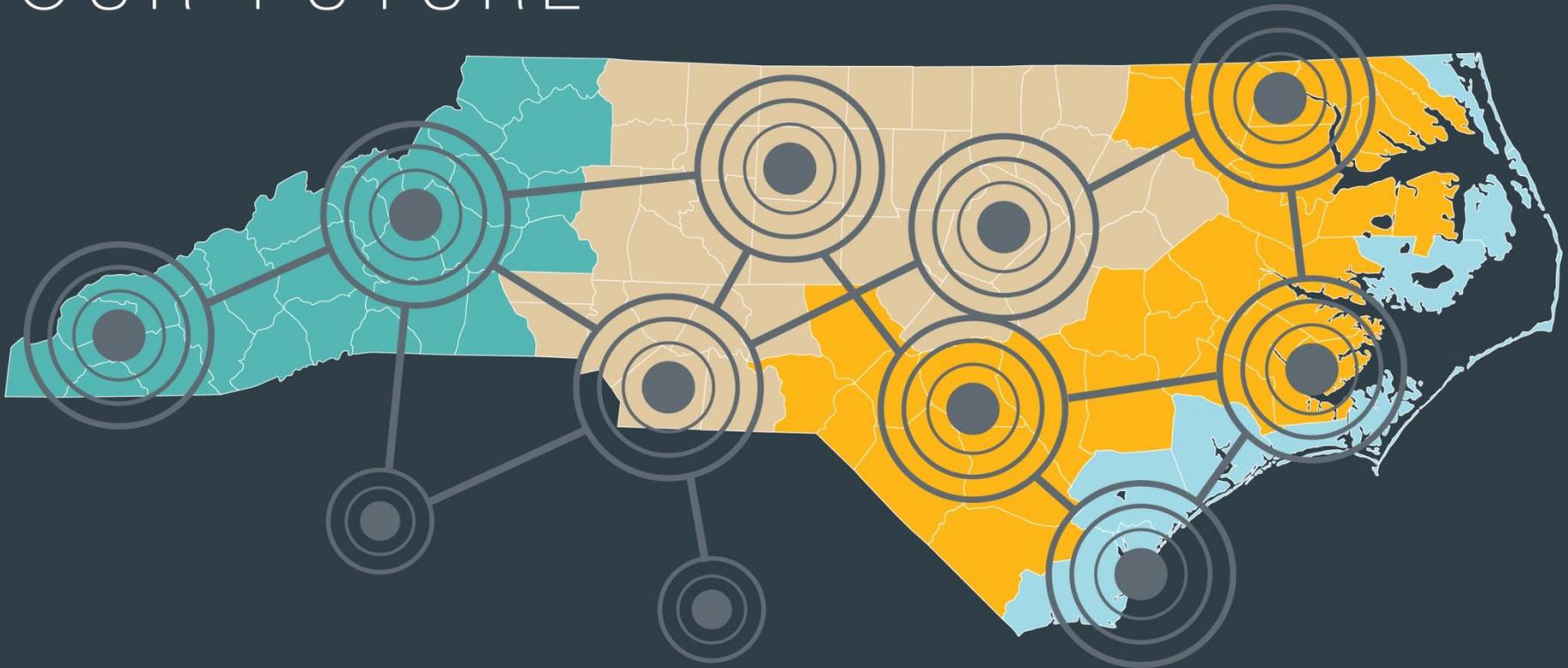
**Vision for North Carolina**

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**MAPPING**  
OUR FUTURE

---

# MAPPING OUR FUTURE



WESTERN SOLUTIONS



CENTRAL SOLUTIONS



EASTERN SOLUTIONS

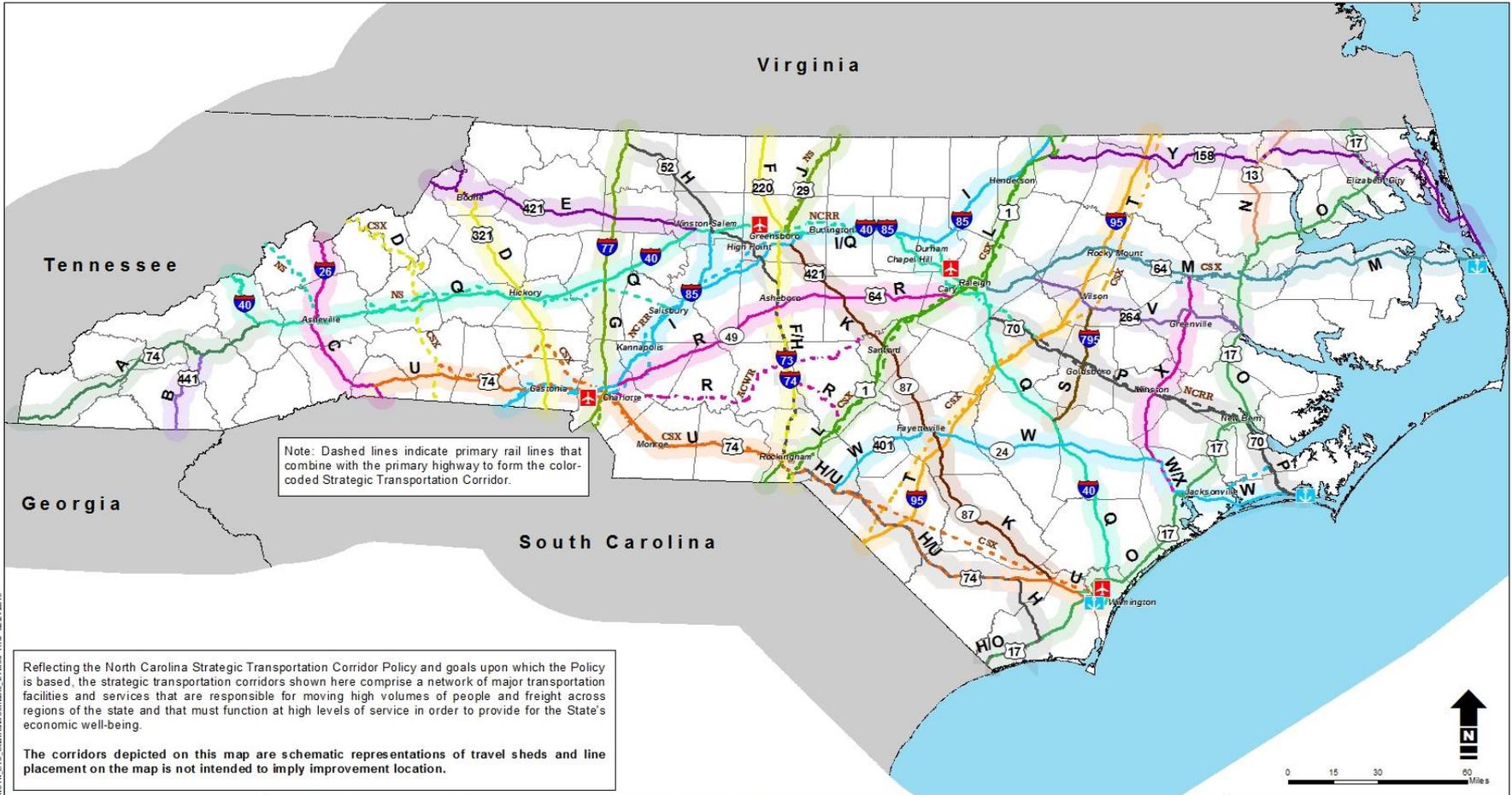


COASTAL SOLUTIONS



STATEWIDE SOLUTIONS

# Strategic Transportation Corridors



NCTN STC\_SchematicCorridor\_Rev04d\_A18\_02-24-2015



**NORTH CAROLINA  
TRANSPORTATION  
NETWORK**

MARCH 2015

Source: NCOneMap, NCDOT GIS, ESRI

Strategic Transportation Corridors (solid = highway; dashed = rail)			
A (US74W)	F (I73/Future I73)	K (US421/NC87)	P (US70E/NCRR)
B (US441)	G (I77)	L (US1)	Q (I40)
C (I26/US23)	H (I74/Future I74)	M (I495/US64E)	R (US64W/NC49)
D (US321/CSX)	I (I85)	N (US13)	S (I795/US117)
E (US421W)	J (US29N/NS)	O (US17)	T (I95/CSX)
			U (US74W/US74E)
			V (US264E)
			W (US401/NC24/US258)
			X (US258/NC11/US13)
			Y (US158)

NC Seaports  
 NC Int'l or Major Freight Airports

**NORTH CAROLINA  
STRATEGIC TRANSPORTATION  
CORRIDORS NETWORK**

# Strategic Transportation Corridors

## Vision

Identified network of high-priority, integrated multimodal transportation corridors

## Goals

- System connectivity
- Mobility
- Economic prosperity

# Strategic Transportation Corridors

## Policy

1. Prepare STC vision plans
2. Plan for STC needs over other needs
3. Apply highest practicable management provisions
4. Preserve and support prior project development decisions

<https://connect.ncdot.gov/projects/planning/pages/NCTransportationNetwork.aspx>

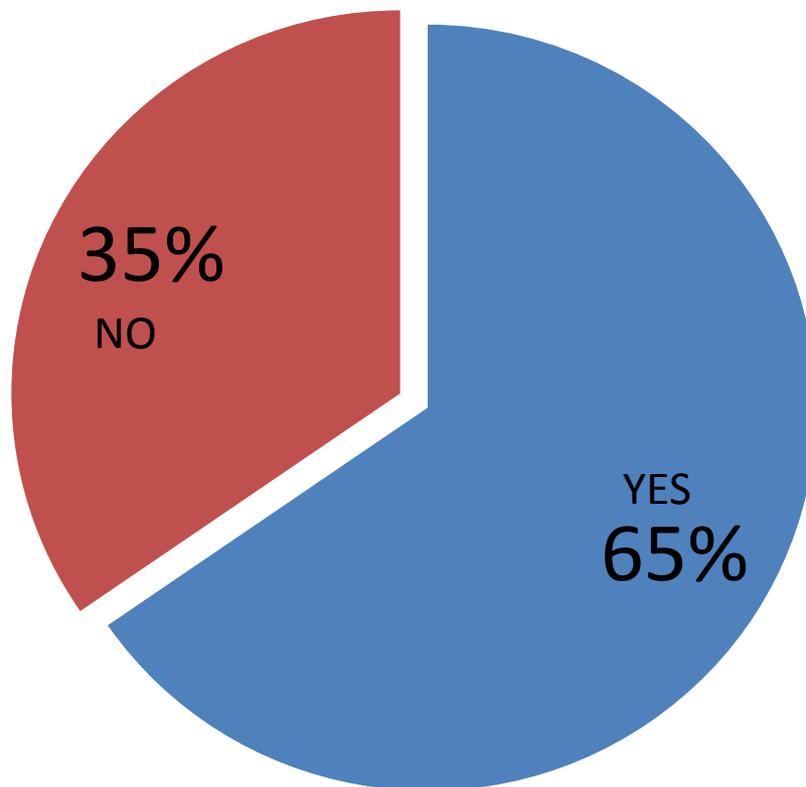
# Economic Development Grant Programs

- Contingency (\$12M)
- Public Access (\$1.7M)
- Small Construction (\$5M)
- Freight Rail & Rail Crossing Safety Improvement Fund (\$19.2M)

# How Do Our Programs Compare?

Q: Does your state's Department of Transportation presently have a program(s), grant(s) or fund(s) that is reoccurring and serves the purpose of enabling access to job centers (e.g., industrial parks, specific companies, megasites), separate from the state's Transportation Improvement Program, to address time sensitive and job producing challenges.

**Result:**  
**Out of 26 States, 17 DOT's have Economic Development Programs**

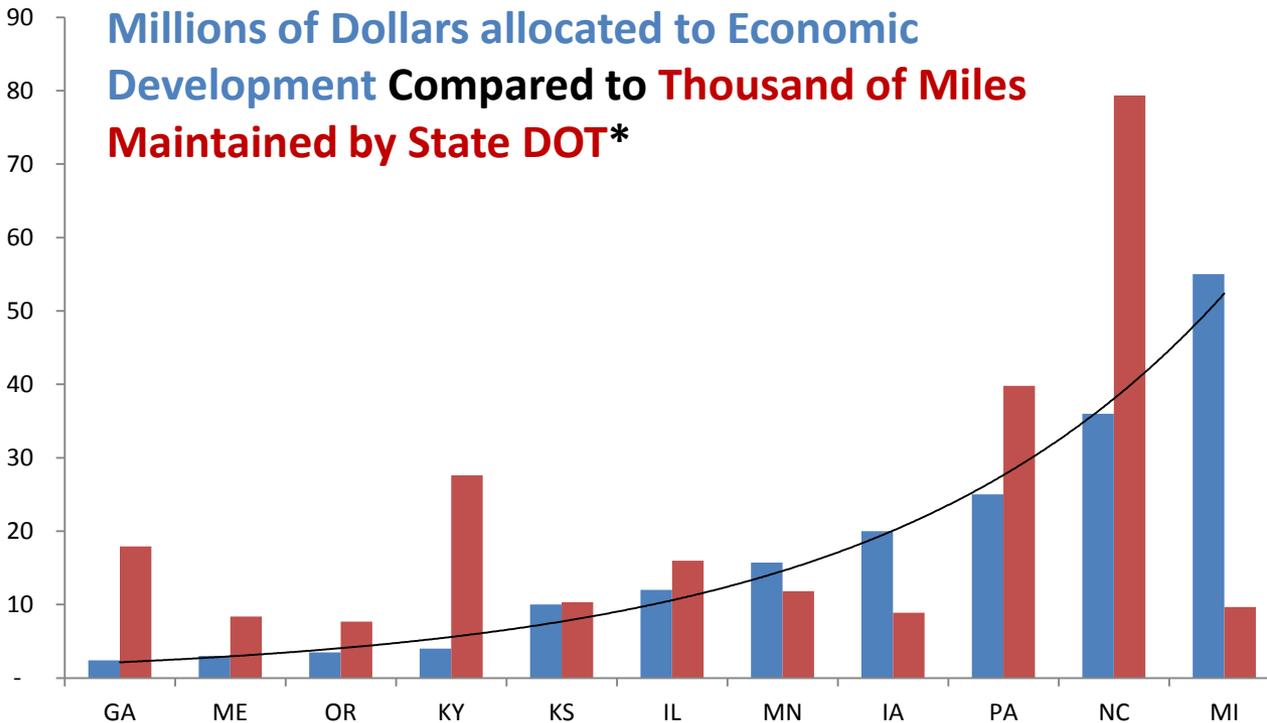


Q: How much money do you have available to spend each year for these economic development programs?

**Result**

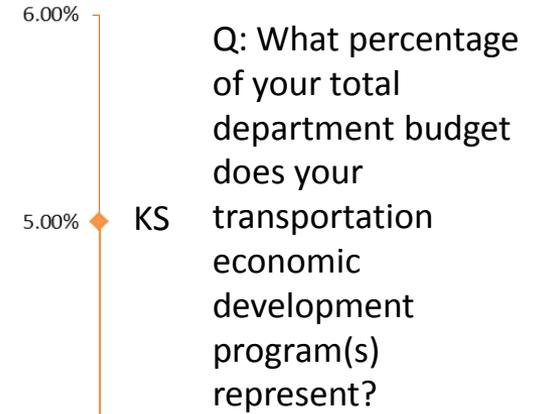
North Carolina's programs were the 2<sup>nd</sup> highest total amounts in the survey out of 11 respondents

Millions of Dollars allocated to Economic Development Compared to Thousand of Miles Maintained by State DOT\*



Average	\$ 16,642,727	Confidence Interval	1.96	Lower Bound	\$ 7,130,223
Standard Deviation	\$ 16,096,636	Margin of Error	\$ 9,512,504	Min	\$ 2,400,000
Sample Size	11.00	Upper Bound	\$26,155,231	Max	\$55,000,000
				Range	\$52,600,000

\*Total Miles Maintained retrieved from FHWA website at: <http://www.fhwa.dot.gov/policyinf/ormation/statistics/2012/>



Q: What percentage of your total department budget does your transportation economic development program(s) represent?

**Result**

Out of 9 who answered, North Carolina is the bottom third in terms of percentage of total budget at 0.8%

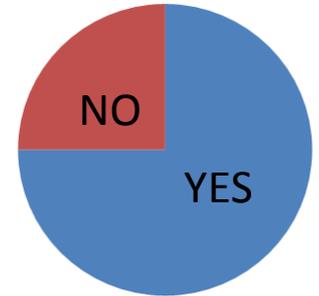
Average	1.42%
Standard Deviation	1.48%
Sample Size	9.00
Confidence Interval	1.96
Margin of Error	0.97%
Upper Bound	2.38%
Lower Bound	0.45%
Min	0.05%
Max	5.00%
Range	4.95%

# Other Economic Deployment Programs

Q: Does your state have an economic development program in another state agency that can be used for transportation projects?

**Result:**

**Out of 8 States, 6 States have economic development programs that can create infrastructure outside of their Department of Transportations**



## NORTH CAROLINA

DEPARTMENT OF COMMERCE

### The Industrial Development Fund

The use of Utility Account funds are limited to **publicly-owned infrastructure only**, with the goal of creating direct or indirect jobs in either manufacturing and processing, warehousing and distribution, or data processing.



- \$14.5M
- \$500K Max Award
- 3 Projects in '10, 1 in '11, 2 in '12 and 2 in '14

### Rural Development Grants

To construct critical water and wastewater facilities or to provide other infrastructure needs, including, but not limited to, natural gas, broadband, and **rail to sites** where these facilities will generate private job-creating investment.



- \$14.2M Total
- \$500K Max Award
- 4 Projects in '11, 2 in '12

### CDBG Economic Development

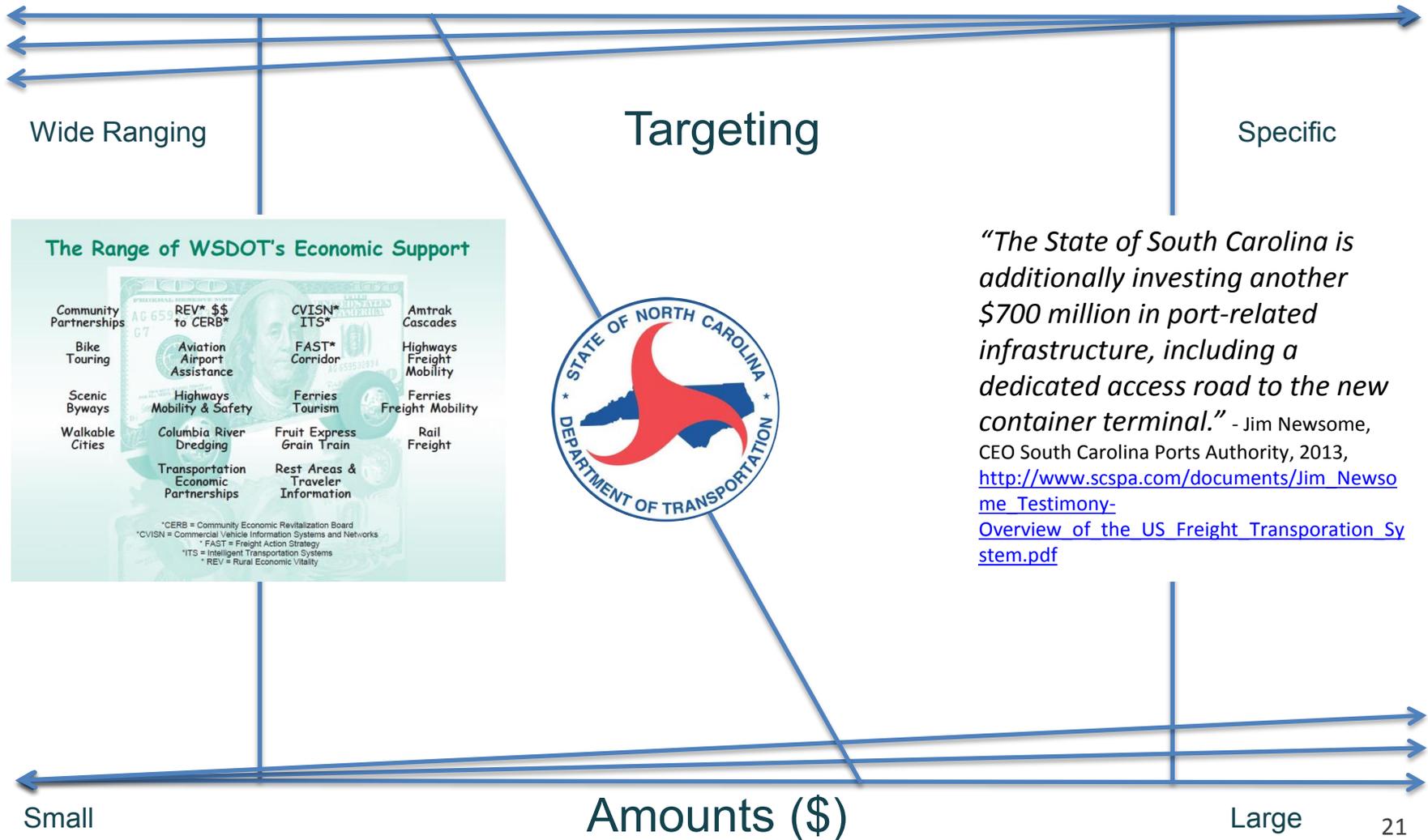
Grants to local government to assist with construction of infrastructure (Water, sewer, **street**, natural gas lines, **rail** or municipal electrical Grants fund up to 75% of the need (100% for 25 most distressed counties) Local 25% cash match can come from private or public funds but must pass through local government CDBG \$ per job is based on level of distress in county where project located.



- \$16M Total\*
- \$500K Max Award
- 3 Projects in '10, 2 in '12, 3 in '13 and 1 in '14

# Philosophical Investment Strategies

\*Not to scale





# FUNDING & APPROPRIATION STRATEGIES COMMITTEE MEETING MINUTES

**DATE:** 2/4/2015      **TIME:** 2:22      **LOCATION:** Room 150

<b>MEETING CALLED BY</b>	Mr. Jim Crawford, Vice-chair
<b>BOARD ATTENDEES</b>	Vice-Chair Mr. Jim Crawford, Mr. David Brown, Mr. David Burns, Mr. Jim Palermo, Mr. Andy Perkins, Mr. Gus Tulloss, Mr. David Tyeryar (staff)

## AGENDA TOPICS

<b>1. MEETING CALL TO ORDER AND APPROVAL OF JANUARY MINUTES</b>	
<b>DISCUSSION SUMMARY</b>	Moved by Mr. Brown, seconded by Mr. Palermo
<b>ACTIONS TAKEN</b>	Approved unanimously
<b>2. TRANSPORTATION FUNDING BILL – MARY JERNIGAN</b>	
<b>DISCUSSION SUMMARY</b>	Provided information on the process of getting the transportation bill through the legislature. Advised she will know more after the long session, but the public process will begin next week.
<b>ACTIONS TAKEN</b>	None – received information

Adjourned: 2:33



# FUNDING & APPROPRIATION STRATEGIES COMMITTEE (FAST) AGENDA

## BOARD OF TRANSPORTATION MAY 6, 2015

TIME: 1:45 – 2:45 p.m.

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order - Approval of February minutes	Cheryl McQueary, Chair	1:45 – 1:55
Year in Review	David Tyeryar	1:55 – 2:15
Year Ahead	Cheryl McQueary, Chair	2:15 – 2:35
Comments and Wrap-up	Cheryl McQueary, Chair	2:35 – 2:45



# 2015 FAST COMMITTEE THE YEAR IN REVIEW

---

David Tyeryar

Chief Financial Officer

May 6, 2015

# Overview

- 10 Meetings
  - No meeting in March or April of 2015
- Topics Covered

DMV Service Locations	Revenue Enhancement Options
2015 Governor's Budget	SASHTO Report
10 Year Revenue Forecast	2016 Budget Process
I-77	Process Improvement – Purchasing
Cash Management	Powell Bill
STI Funding Prioritization	Debt
Transportation Funding Bill	EEP

# Highlights

- Revenue Enhancement Options

Registration/license fees

Redirection of Vehicle Lease Fee

Interstate tolling

Insurance Surcharge

Wholesale Motor Fuel Tax

Local Vehicle Property Tax

Motor Fuel Tax Indexing

Administrative Hearing Fees

Increase Highway Use Tax

- I-77

- Debt

- GARVEEs

- Debt Capacity

# Fast Forward to Today

- **I-77**
  - \$650 M project with closing scheduled on May 20
  - \$250 M equity investment by Cintra & Aberdeen
  - Debt offerings approved by TIFIA and LGC
- **Debt**
  - **Governor's Highway & Infrastructure Bonds**
    - Part of Governor's Budget
      - \$1.4B for Transportation
        - 27 projects & statewide paving
      - \$1.4B for Infrastructure
        - \$300M for non-highway, ports & rail
  - **GARVEEs**
    - 2015 - \$300 M for 4 projects
    - 2016 - \$300 M planned for 8 projects



# Fast Forward to Today

- H 927 – Reestablish NC as the “Good Roads State”
  - Includes Options discussed at FAST
    - Motor Fuel Tax
    - Highway Use Tax
    - Short-term lease or rental of motor vehicle
    - Registration and license fees
    - Insurance surcharge



# 2015/16 FAST COMMITTEE AGENDAS

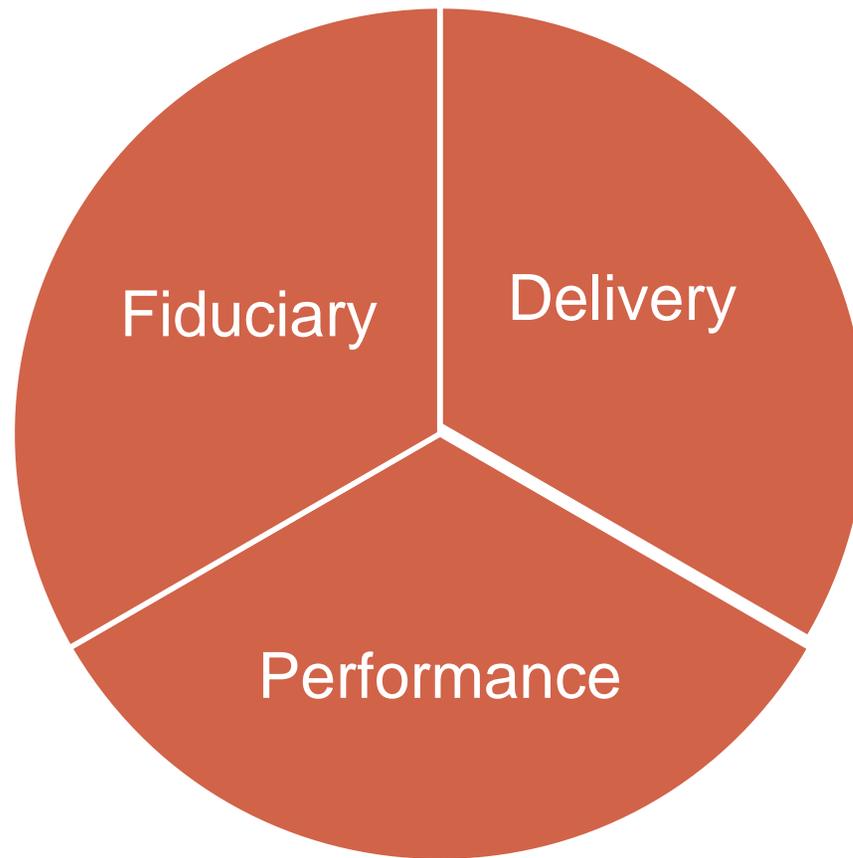
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Cheryl McQueary

Committee Chair

May 6, 2015

# FAST Committee Focus





# FAST Committee Vision

- **Fiscally enable the delivery of transportation solutions that connect and support the economic resources of our State and preserve the infrastructure and safety of North Carolina's transportation system.**
- **Add "to our citizens"**

# Revised Committee Objectives

- **2013/14 Objectives**

- Introduce revenue reform
- Raise public awareness
- Provide budget oversight and reporting
- Maintain fiscal integrity and control

- **2015/16 Objectives**

- Continue discussion on revenue reform
- Maintain fiscal integrity and control
- Ensure focus remains on efficient, effective delivery
- Provide oversight on performance through metrics



# Examples of Agenda Topics

- **Delivery**

- **Contract development and delivery**
- **Grants and awards performance**
- **Project management: scope, schedule, cost**

- **Performance**

- **Cost reduction activities**
- **Customer Service**
- **Forward looking research projects which will reduce costs and extend assets**

# Examples of Agenda Topics (2)

- **Fiduciary**
  - **Cash management reviews**
  - **Quarterly reviews, if not held at the Board level**
  - **KPMG Asset Management Study updates**
  - **Revenue forecasts**
  - **Powell Bill updates**
  - **GARVEE Bond updates**



# HIGHWAYS COMMITTEE MEETING MINUTES

**DATE:** 2-4-2015      **TIME:** 10:00 AM      **LOCATION:** 150

<b>MEETING CALLED BY</b>	Jake Alexander
<b>BOARD ATTENDEES</b>	Committee: Alexander, Palermo, Brown, Crawford, Grannis, Overholt, Burns, Blount

## AGENDA TOPICS

<b>1. APPROVAL OF JANUARY MINUTES</b>	
<b>DISCUSSION SUMMARY</b>	
<b>ACTIONS TAKEN</b>	Minutes were approved as written.
<b>2. NCDOT'S RESPONSIBILITIES AND ACTIONS RELATED TO COAL ASH LEGISLATION (SB 729) - CHRIS PEOPLES, PE, STATE MATERIALS ENGINEER</b>	
<b>DISCUSSION SUMMARY</b>	Senate Bill 729 directed NCDOT to evaluate additional opportunities for the use of coal combustion products in the construction and maintenance of roads and bridges, and to report the results of its study by December 1, 2014. The Department is also to develop technical specifications for the use of these products in our construction, and report those by February 1, 2015. Mr. Peoples summarized the contents of these reports, the technical specifications, and the plan moving forward.
<b>ACTIONS TAKEN</b>	
<b>3. MANAGING ENERGY RELATED TRAFFIC- BRANDON JONES, PE, DEPUTY DIVISION 5 ENGINEER</b>	
<b>DISCUSSION SUMMARY</b>	Session Law 2014-4 gave NCDOT the authority to protect our infrastructure. Hydraulic fracturing will place an increased volume of heavy trucks on roads not designed for those loads. Mr. Jones discussed what NCDOT is doing, as well as what legislative changes are being considered, to maintain safe roadways, protect infrastructure, recover costs, consistently manage compliance, and collaborate with other state agencies.
<b>ACTIONS TAKEN</b>	
<b>4. ELECTRONIC CONSTRUCTION DOCUMENT MANAGEMENT- RON HANCOCK , PE, STATE CONSTRUCTION ENGINEER</b>	
<b>DISCUSSION SUMMARY</b>	NCDOT is moving from a paper-based organization to a more digital one, and the content management program is improving how NCDOT stores, shares, and collaborates on its business content. The Construction Unit is leading the way in this effort, with their use of SharePoint construction team sites, tablets in the field, and current and historic electronic plans. Mr. Hancock gave an overview of how this is proving successful for NCDOT, and next steps to continue that success. A question was asked about the vulnerability of our records, which will be addressed with a future presentation.
<b>ACTIONS TAKEN</b>	



# HIGHWAYS COMMITTEE MEETING MINUTES



# HIGHWAYS COMMITTEE AGENDA

## BOARD OF TRANSPORTATION MAY 6, 2015

**TIME: 10:30AM -11:30 PM**

**LOCATION: 150**

<b>TOPIC</b>	<b>PRESENTER</b>	<b>TIME</b>
NCDOT Security Risks	David Ulmer, NCDOT Chief Information Officer	20 min
The Big 3: I-485/I-85 Construction Projects in Charlotte	Scott Cole, PE, Deputy Division 10 Engineer	20 min
Adjourn		



## **The BIG Three**

NCBOT Highway Committee

May 6, 2015

J. Scott Cole, PE  
Deputy Division (10) Engineer

# Today's Discussion – The BIG Three

1. I-85 (I-3803B)
2. I-485 Final Segment (R-2248E)
3. I-85/I-485 Interchange (R-2123CE)

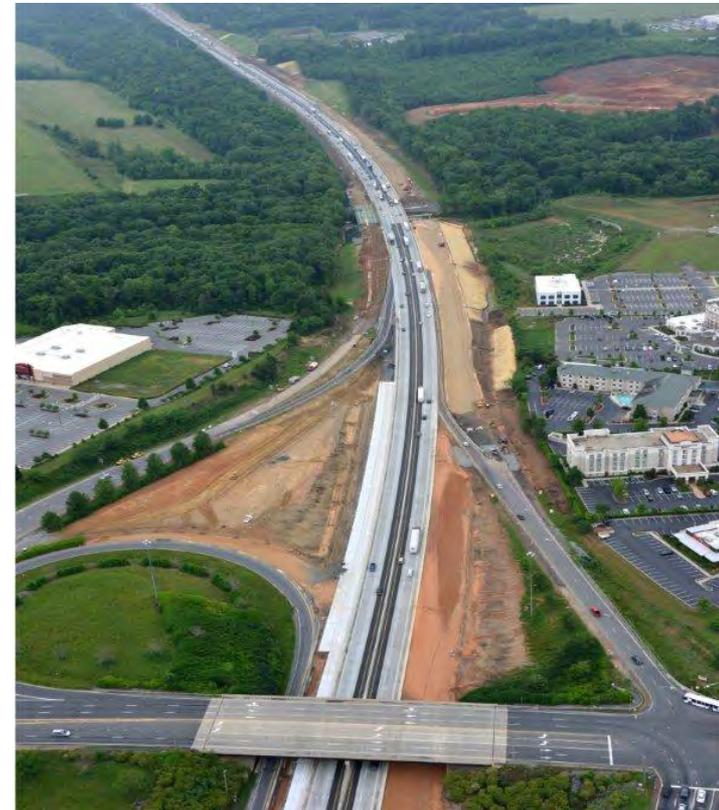
**\$400 Million  
Contract Value**





# I-85 Cabarrus County – I-3803B

- ❖ I-85 from Bruton Smith Blvd. to NC 73
- ❖ Design Build Project
- ❖ Lane Construction/HDR
- ❖ Widened 5.5 mi. of I-85  
to 8-lane divided
- ❖ \$125M contract



# Construction Methods Innovation



# I-85 Cabarrus County

- ❖ Reconstructs Interchanges at Poplar Tent Rd and NC 73
  - ❖ Diverging Diamond Interchanges



# I-85 Cabarrus Co. I-3803B

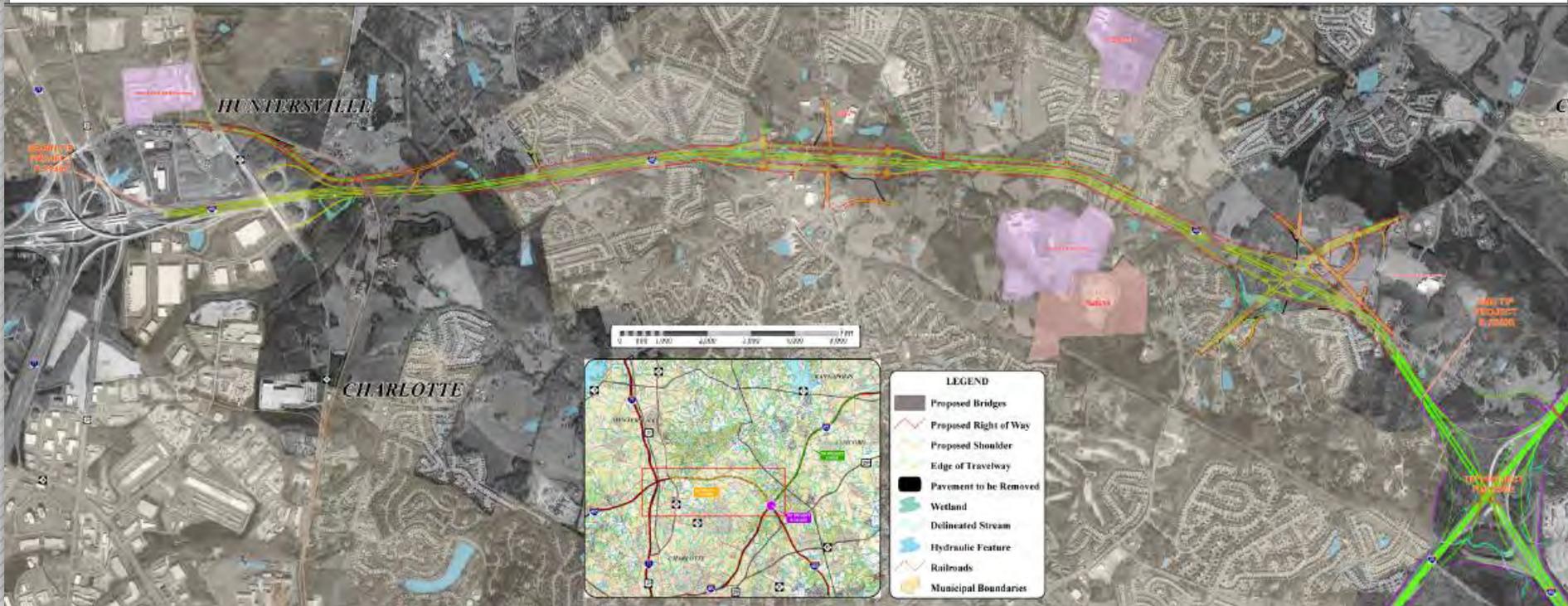
❖ **99% Complete**

❖ **Final Pattern**



# I-485 Charlotte Outer Loop R-2248E

- **Final** 5.7 miles from NC 115 to West of I-85





# I 485 Outer Loop Project Highlights

**Diverging Diamond Interchange**

**Split Diamond Interchange**

**20 Bridges, 2 Box Culverts**

**2.8 Million CY Material**



# I 485 Outer Loop DDI Mallard Creek Interchange



# I 485 Outer Loop Split Diamond Interchange



# I 485 Outer Loop Status

- **Concrete Paving**
- **95% Complete**
- **Open to Traffic July 2015**



**THE END IS NEAR - MAKE A RUN FOR IT!**



**Walk, 5k, 10k, Fun Ride(bike)  
November 2nd**

I-485 / I-85 Interchange R-2123CE Mecklenburg/Cabarrus Counties

**FUTURE**





Original I-485 Construction

FUTURE

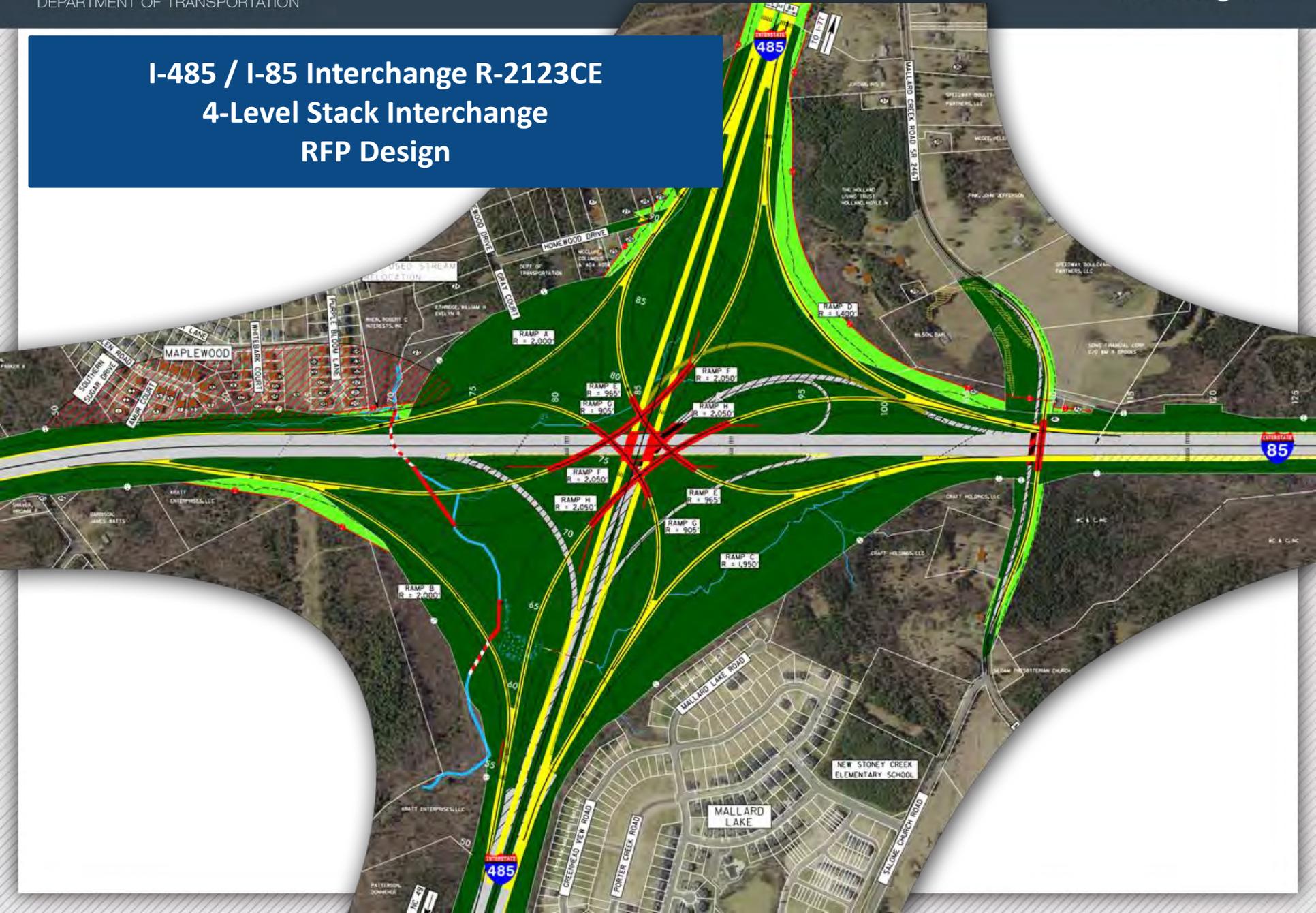


Modified Half Clover Design from the 1980's

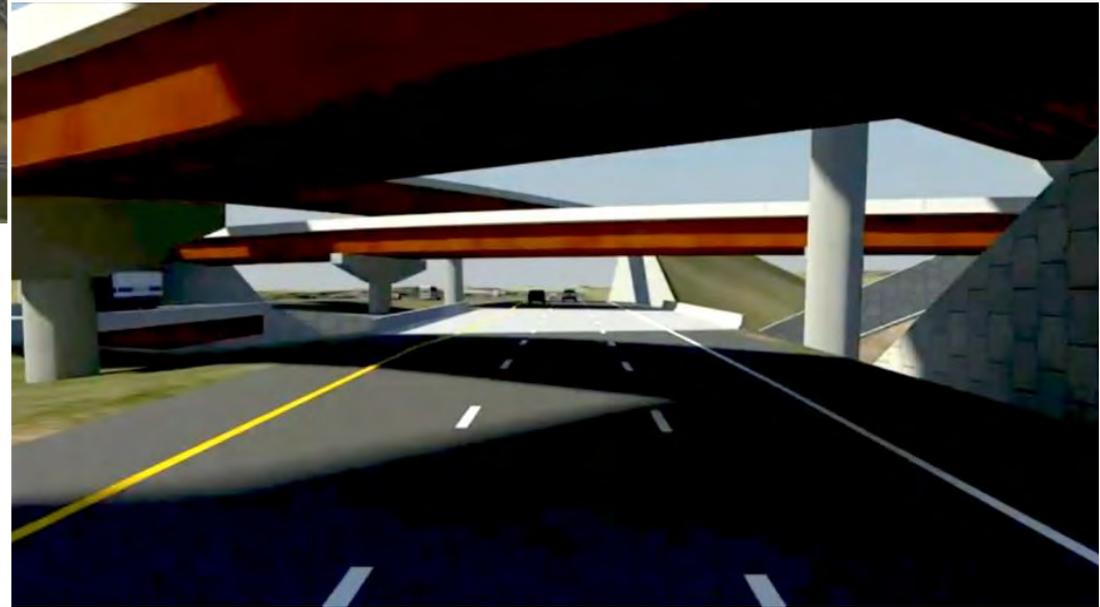
FUTURE



I-485 / I-85 Interchange R-2123CE  
4-Level Stack Interchange  
RFP Design



# 4-Level Stack Challenges



*2,000,000 Yards of  
Borrow*

## 4 Level Stack Challenges

- High Bridges Over Heavy Traffic
- Traffic Restrictions
- Girder Erection/Splices Over Traffic
- Tall MSE Walls
- Stability Issues/Heavy Falsework Potential
- Existing Interchange Conflicts
  - MOT Requires Out of Sequence Bridge Construction
  - Bridge Construction Sequence Restricts Crane Access

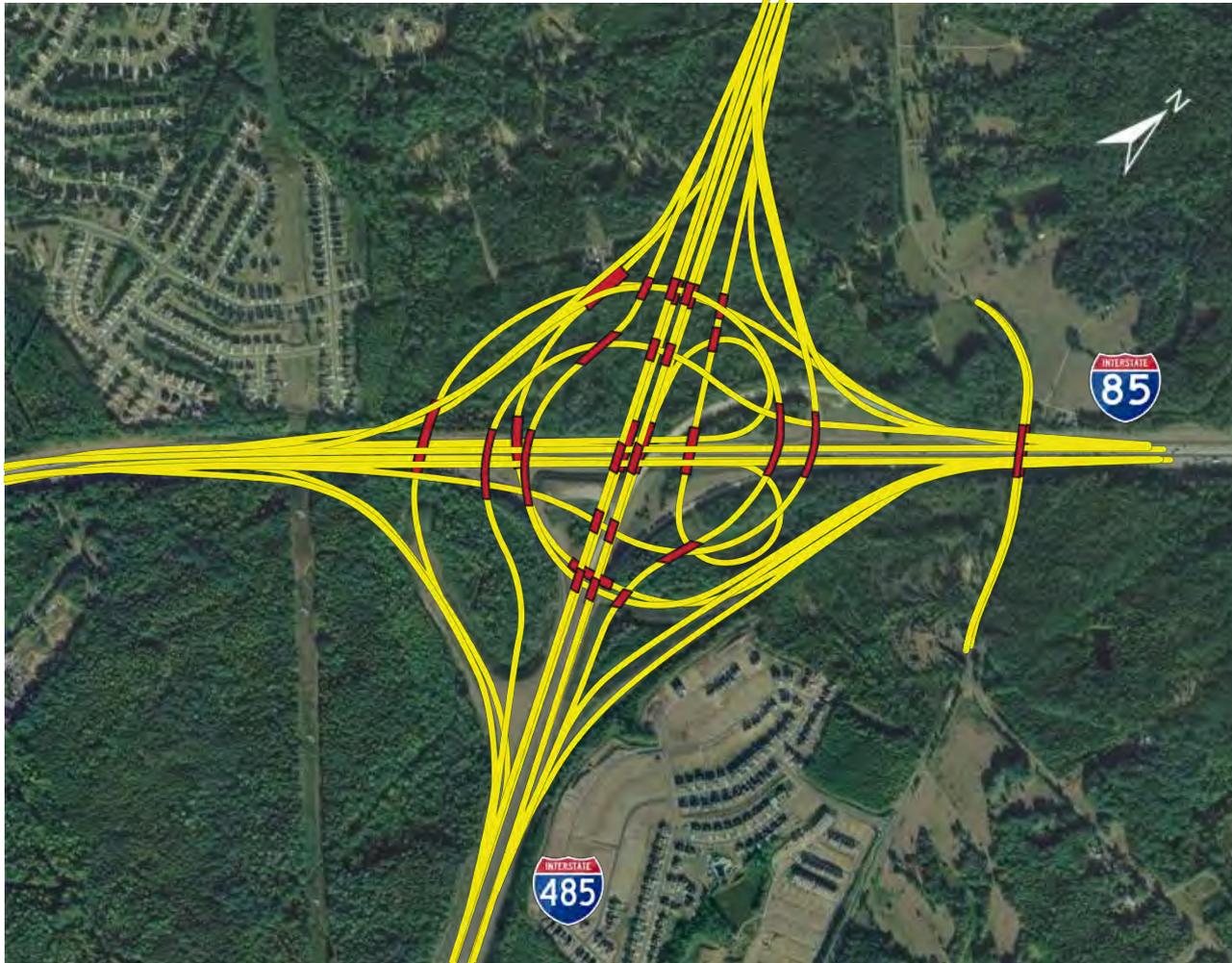
# LANE



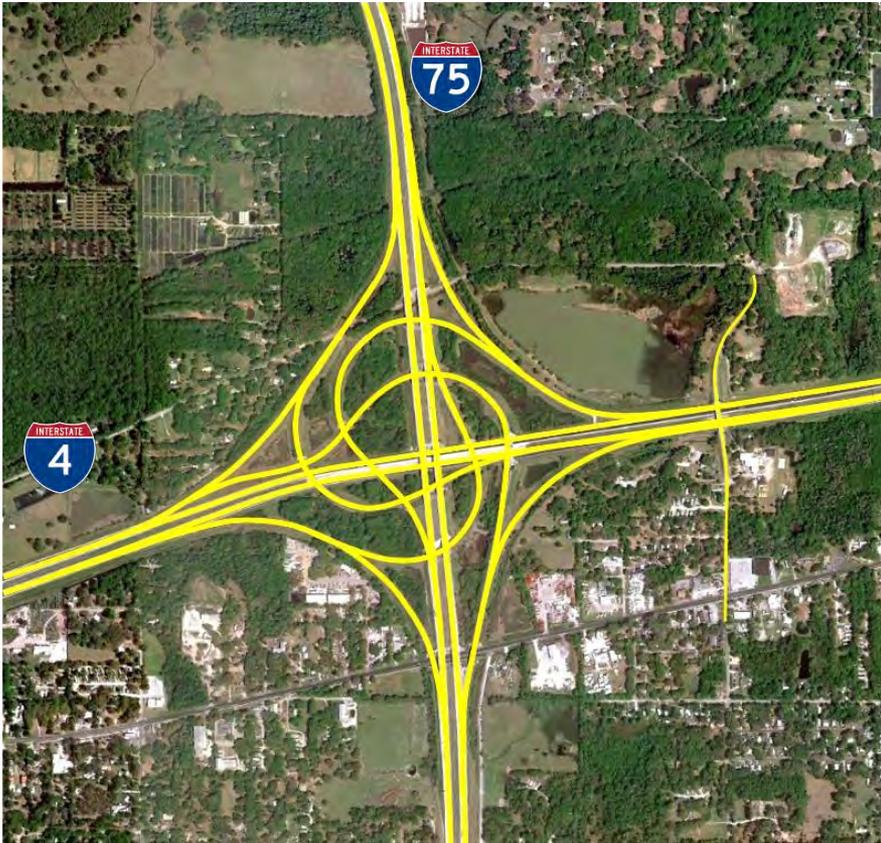
## Design/Build Team Approach



# Interchange Design



# Similar Turbine Interchanges



*Tampa, FL (left) and Thorpe, UK (right)*

# Advantages of 2-Level Turbine

- Simpler Construction w/Smaller Bridges
- Most Work “In the Clear”
- Flatter Roadway Profiles
- Much Less Earthwork
- Smaller MSE Walls
- Ease of Future Widening



*Modified Clover Interchange I-85 and I-485  
(18 miles south of R2123-CE site),  
built by Lane/Rea for NCDOT*

# Environmental Stewardship

- Wetlands Impacts the Same
- Streams Impacts Less
- **Potential FEMA Impacts Minimized**
- **Reduced Impacts to Schweinitz's Sunflower**



# Structures

## 19 New Bridges

- *10 are Single-Span*
- *Smaller Spans/Bents*
- *18 of 19 Bridges are PC Girders*
- *NO high-level, long span - Safer*
- *Smaller columns*

## Build & Maintain

- *Standard Construction*
- *Standard Girder Erection*
- *No Post Tensioning*
- *No Complex Falsework*
- *Simpler and Cheaper*

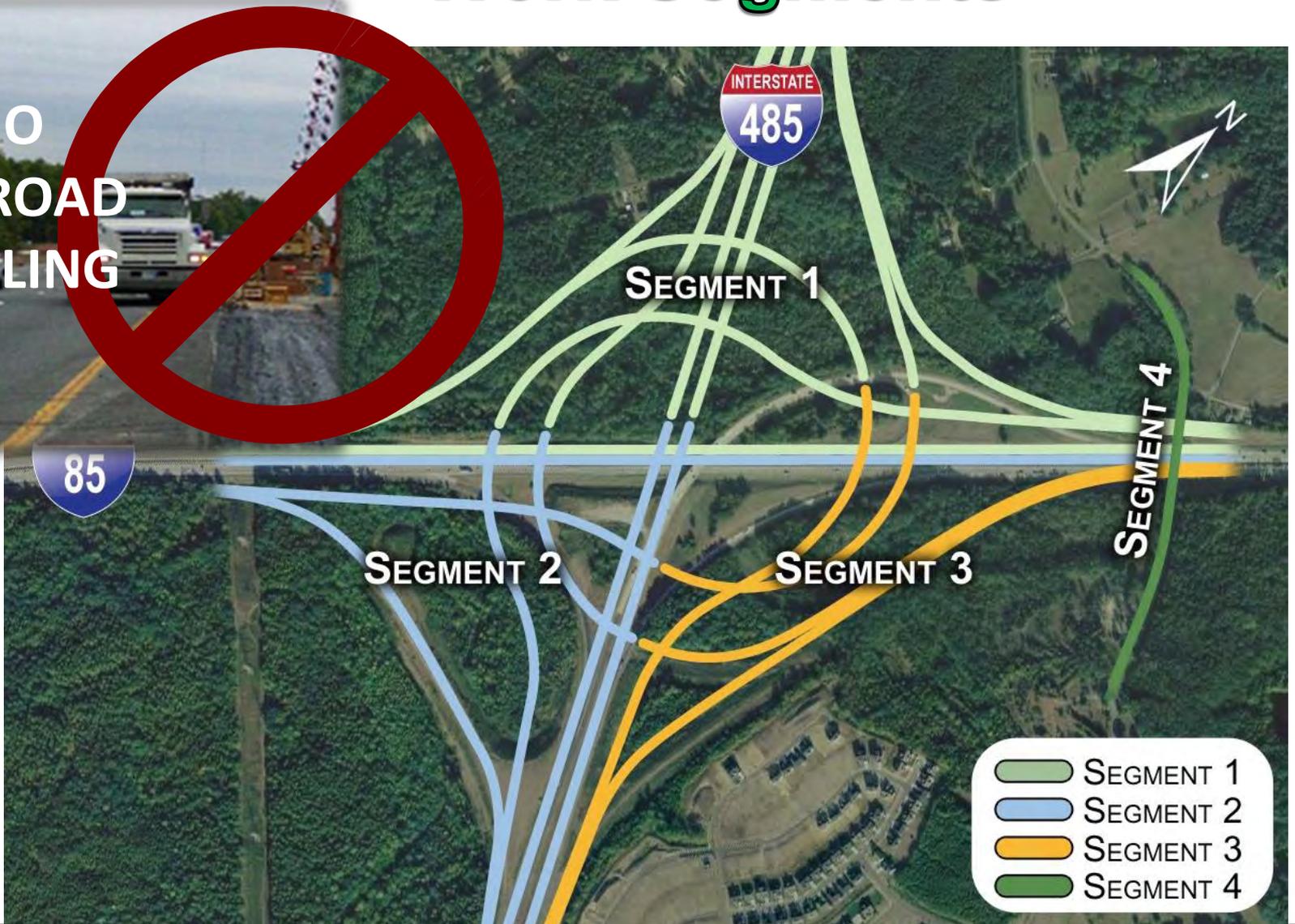


# Construction Overview



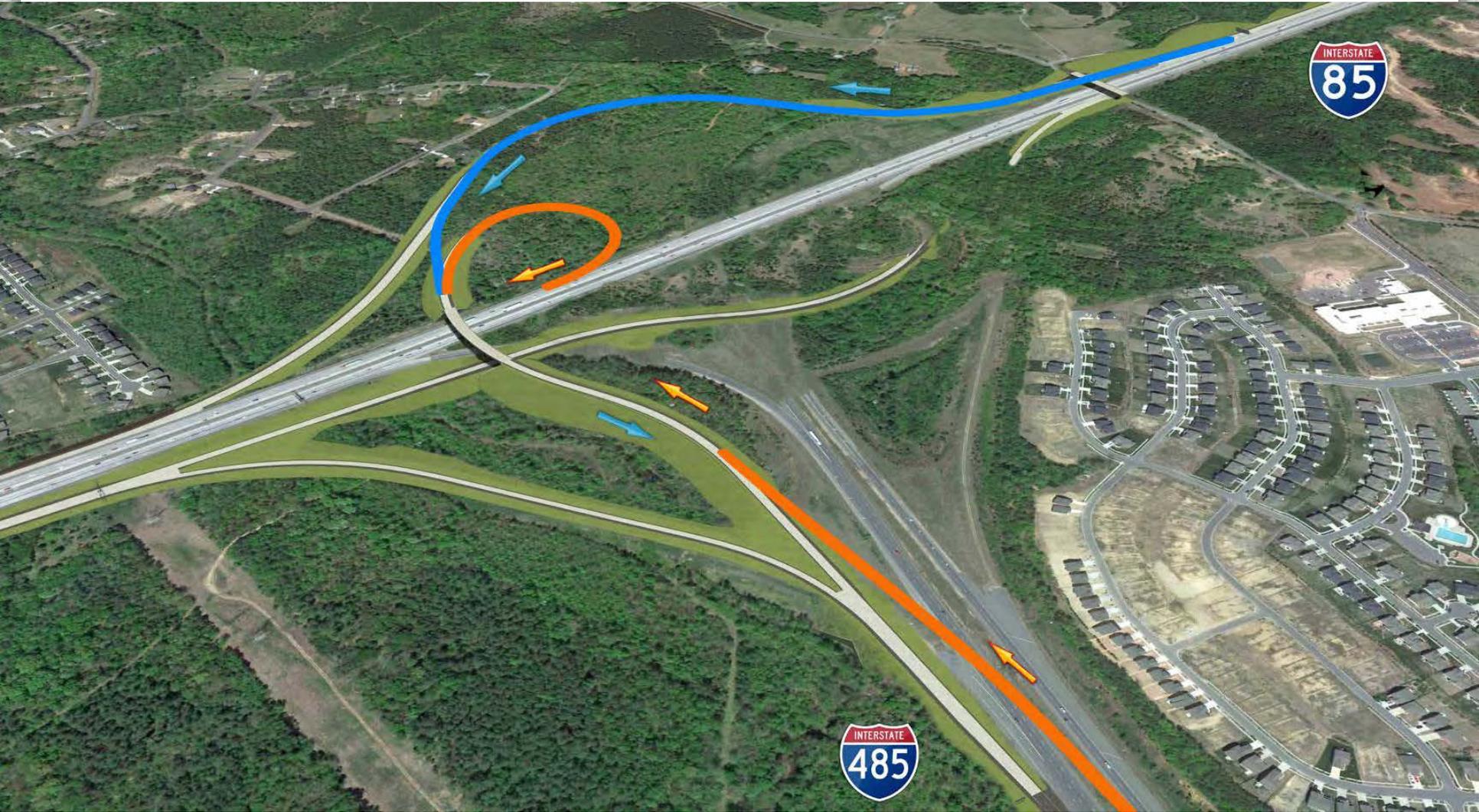
# Work Segments

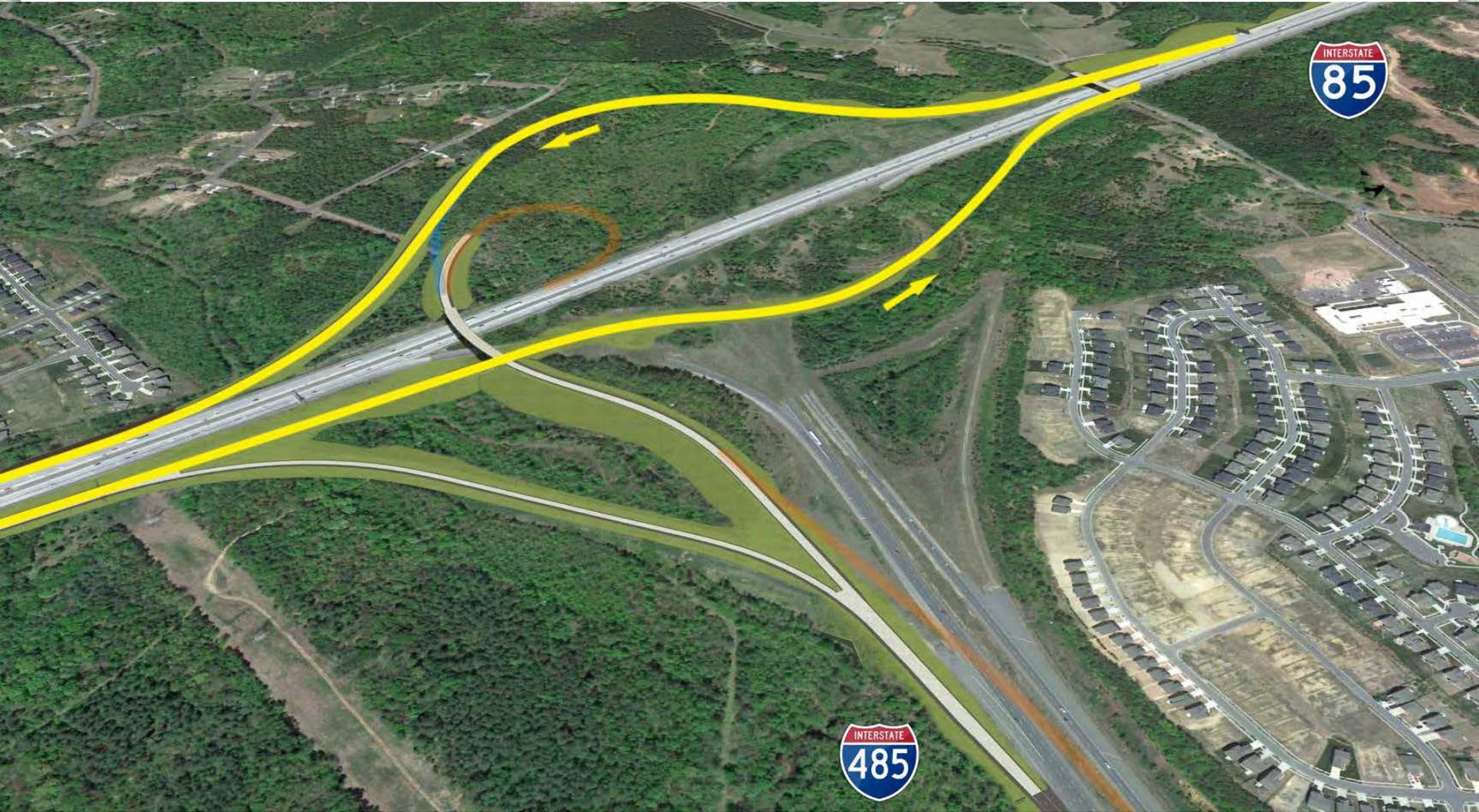
**NO  
ON-ROAD  
HAULING**



- SEGMENT 1
- SEGMENT 2
- SEGMENT 3
- SEGMENT 4











# I-485 to I-85 Interchange

- R-2123CE: I-85/I-485 Interchange
- Initial Estimate: \$155M for 4 Level Stack
- Lane/STV-Ralph Whitehead Associates contract awarded @ \$92.2M for Turbine
- Cheaper and Easier to Maintain
- **Completed**  
**March, 2015**



# National Acclaim!

## October, 2012 *Roads and Bridges*

## 2014 America's Transportation Awards Nominee

### TOP 10 ROADS

**PROJECT:** Charlotte Outer Loop I-85/485 Interchange and I-85 widening

**LOCATION:** Charlotte, N.C.

**OWNER:** North Carolina DOT

**DESIGNERS:** STV, Ralph Whitehead Associates, HDR Engineering

**CONTRACTOR:** Lane Construction

**CDIST:** \$155 million

**START DATE:** Spring 2011

**COMPLETION DATE:** Late summer 2014



By Bill Wilson  
Editorial Director

## Stretch runner

Designers finish strong with turbine interchange fix

**M**idnight oil does not have to be purchased years in advance. It's on hand when you need it. The same cannot be said about right-of-way, but the joint venture of STV and Ralph Whitehead Associates had both in their back pocket during crunch time.

Four weeks before the submittal deadline for the final design of the I-85/I-485 interchange in Charlotte, N.C., STV and Ralph Whitehead did not like where things were headed. Designs provided by the state over 25 years ago called for a four-level stacked interchange, which was not ideal for 2012 standards.

"We had gone a couple months into the process and in the last month we realized this design was not where we wanted to go," John Johnson, project director for the joint venture, told Roads & Bridges. "We had four weeks left to turn in our bid and we basically wiped the desk clean and started over. It was a lot of burning the midnight oil, a lot of stress around this office trying to put this design together."

But STV had the right-of-way—and a lot of it. One item North Carolina made sure to take care of back in the late 1980s was land acquisition to one day extend I-485 from I-85. STV and Ralph Whitehead sopped up every square yard available to implement a rarely used turbine interchange design, and the end result

is producing a strong wave of positive energy for the design-build job. The Charlotte Outer

Loop, which includes the interchange and I-85 widening, was named the No. 1 project on Roads & Bridges' 2012 Top 10 Roads list.

"It was a huge surprise for us," said Johnson about the top honor. "The whole process was really a fun pursuit."

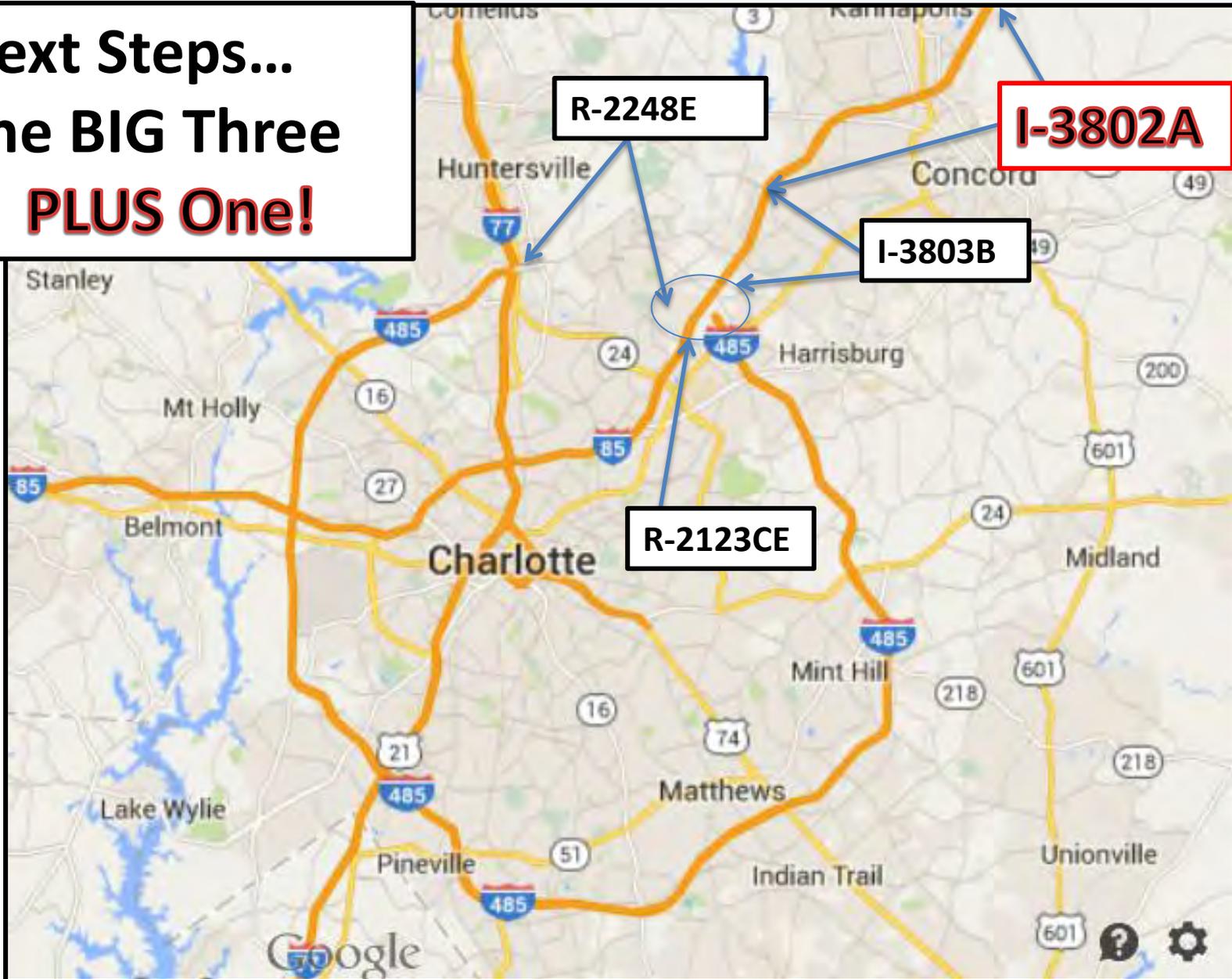
The intent was not to catch anybody off guard in the beginning. According to Johnson, back in the late 1980s the state went in and submitted plans to terminating I-485 at I-85. A small trumpet interchange was supposed to be the answer, but officials also wanted to complete the outer loop, which required the design of another interchange—a modified half-clover with two high-speed ramps—that would go over the trumpet. The idea was to stack the routes four high.

"We made some modifications to it to try to win the bid and make it more economical, but as we were building it we started running into issues," said Johnson.

The issues at the construction site also ran four deep.

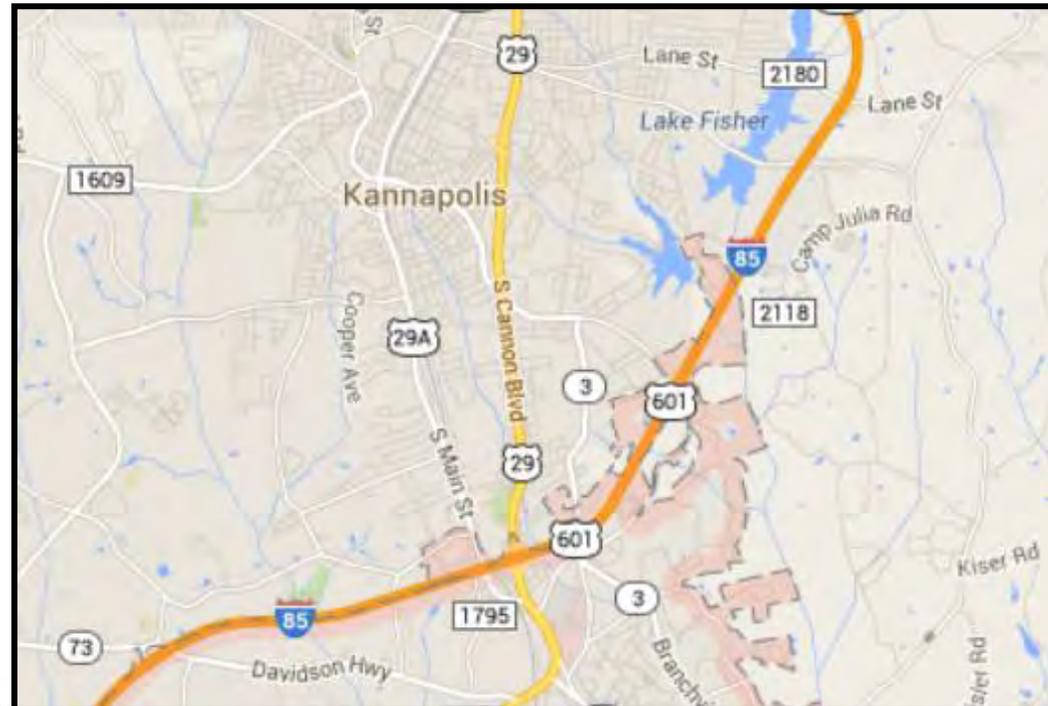
- The second level of the four-level stack was supposed to carry the I-485 movement, and if North Carolina wanted to go back and widen any of the bridges it would require the use of cranes for the third and fourth level. The space available could not house the necessary equipment.
- Because it would be a four-level interchange, officials would have to close it if there were icy conditions.

**Next Steps...**  
**The BIG Three**  
**PLUS One!**



# I-85 Cabarrus County

- I-3802A: I-85 from NC 73 to Lane Street
- Widen 8 Miles to 8 lanes
- Design-Build
- Blythe Construction/Parsons  
Brinckerhoff
- Rebuild Three  
Interchanges
- \$189M
- **Complete  
December 2017**



# Questions?



**J. Scott Cole, PE**  
**Deputy Division (10) Engineer**  
**[scole@ncdot.gov](mailto:scole@ncdot.gov)**

**704-983-4400**

# North Carolina

DEPARTMENT OF TRANSPORTATION

## **Information Security Risk Update**

NCDOT IT Information Security Office  
David Hamilton Ulmer, CIO

**Restricted / Confidential per N.C.G.S. §132-6.1(c)**

April 30, 2015

# Record Breach Growth

## Near Daily Breaches

**300 Million +**

40% increase over 2011

2012

## Relentless

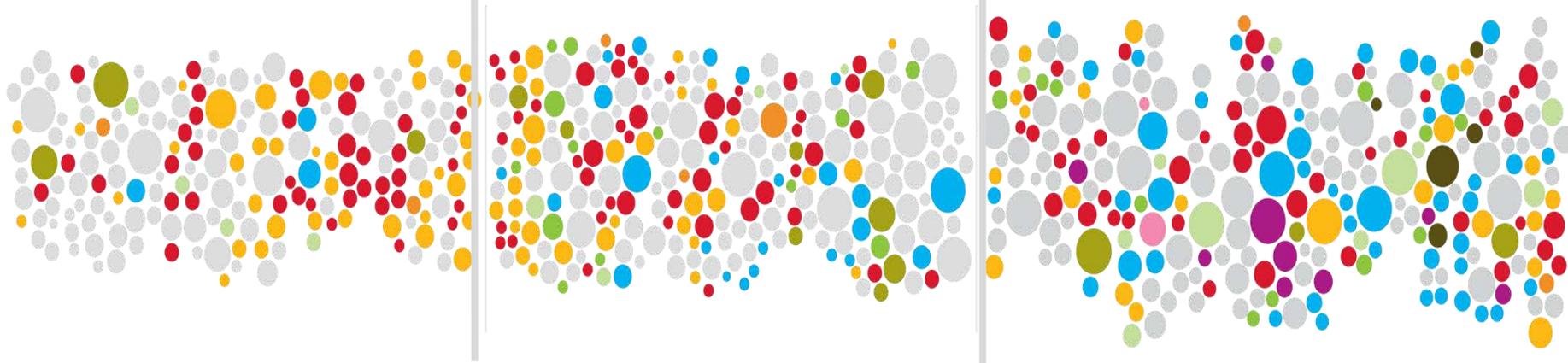
**800 Million +**

2013

## “Insane”

**1 Billion +**

2014



### Attack types



XSS



Heartbleed



Physical access



Brute force



Misconfig.



Watering hole



Phishing



SQLi



DDoS



Malware



Undisclosed

Size of circle estimates relative impact of incident in terms of cost to business.

*A historical look at security incidents by attack type, time and impact, 2012 through 2014*

Source: IBM X-Force® Research and Development

# Industry Breach Impact Statistics

## RECOVERY COSTS



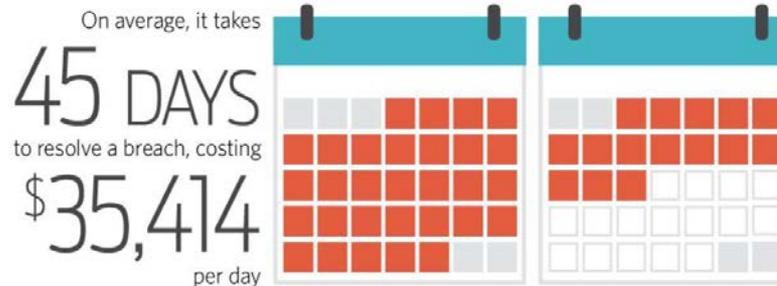
Average time to complete a forensic investigation of a breach from detection to containment: **6.8 Days**

## ANNUAL AVERAGE COST



IN 2014, BREACHES RANGED IN COST FROM **\$1.6M** TO **\$61M**

## TIMEFRAME



Source: Ponemon 2014 Cost of Cyber Crime Study: Americas

# Evolving Threat Environment

*New threats require new thinking, but most are defending against yesterday's attacks*

*Threats have evolved...*

## Broad Attacks

*Indiscriminate malware, SPAM and DoS activity*

## Targeted Attacks

*Advanced, persistent, organized, and politically or financially motivated*

## Next ?

*"patient 0" attacks, "no goal", indiscriminate data destruction, critical infrastructure disruption*

*Requiring a new approach to protection...*

### Tactical Approach Compliance-driven, Reactionary

### Strategic Approach Intelligence-driven, Continuous

### Future

*...yet many security teams rely upon tactical, discrete defenses.*

- Build multiple perimeters
- Protect all systems
- Use signature-based methods
- Periodically scan for known threats
- Stay abreast of latest news & intelligence
- Remediate incidents as they occur

- Assume constant compromise
- Prioritize high-risk assets & data
- Use behavioral-based methods
- Continuously monitor activity
- Consume real-time threat feeds
- Gather, preserve, retrace evidence
- Mask & Encrypt Sensitive Data
- Strategic awareness & training

- Healthy paranoia
- Continuous consideration of attractive threats
- Model threats, employ "Blackhat" staff and techniques
- Expanded cooperation with Federal, State & Industry resources

***NCDOT Information Security Maturity***

Source: Ponemon 2014 Cost of Cyber Crime Study: Americas

# Top Breaches

1. **Ebay:** 2014, 145 million records – Cause not disclosed, but employee credentials exposed, which is often associated with phishing.
2. **Target Stores:** 2013, 110 million records – Insecurely managed and weak passwords via vendor relationship.
3. **Sony Online Entertainment:** 2011, 102 million records – Not disclosed, likely due to weak passwords.
4. **National Archive and Records Administration:** 2009, 76 million records – Surplus hard drive not properly destroyed.
5. **Anthem:** 2015, 80 million records – Phishing exposed up to five employee credentials.
6. **Epsilon:** 2011, 60 to 250 million records – Cause not disclosed, but suspected phishing of employee credentials.
7. **Home Depot:** 2014, 56 million payment cards compromised – Malware disguised as anti-virus software, insecurely managed vendor passwords and failure in patching process.
8. **Evernote:** 2013, 50+ million records – Cause not disclosed, but likely due to phishing of password reset emails targeted against customers by redirecting to malware sites.
9. **Living Social:** 2013, 50+ million records – Weak and outdated encryption algorithms.
10. **TJX Companies:** 2006, 46 million records, perhaps up to 90 million – WLAN encryption misconfigured.
11. **Sony Pictures Entertainment:** 2014, Complete business communications exposed – Phishing of employee credentials suspected.

# High Profile Public Sector Breaches

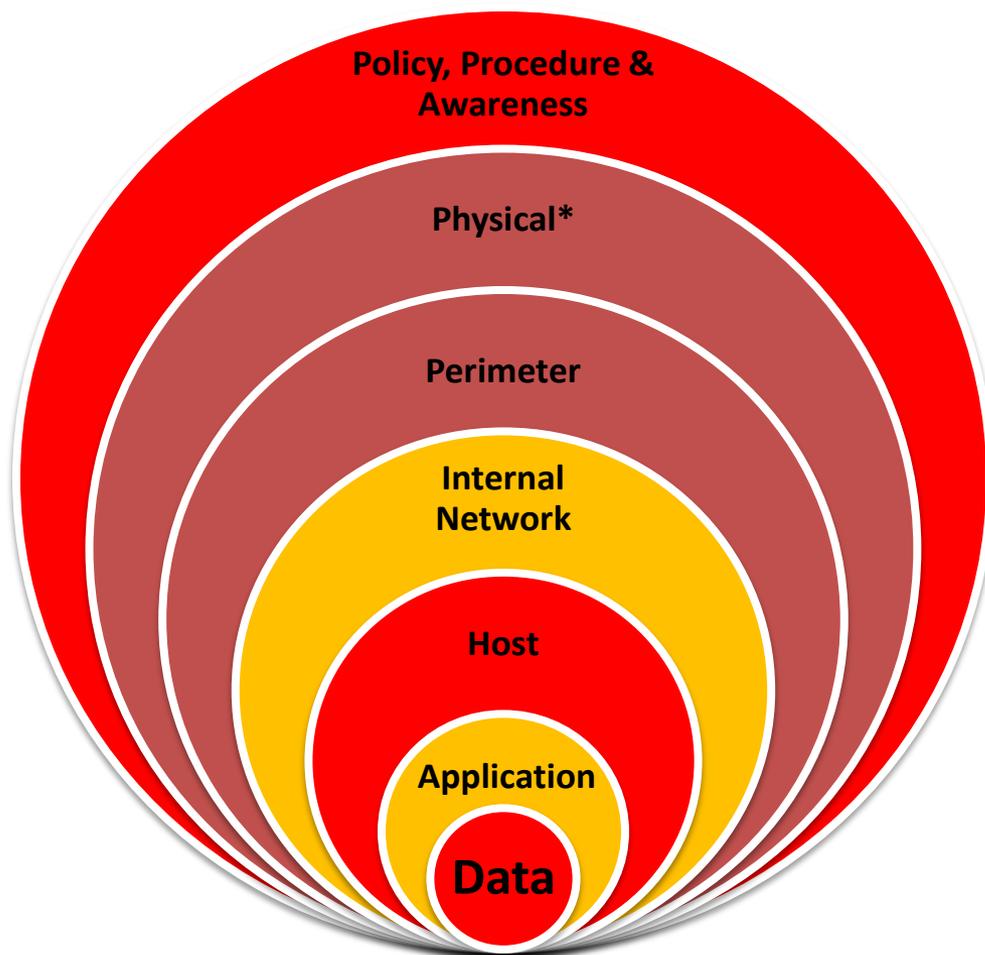
## South Carolina, DOR Breach

- August, 2012
- Vector: ***phishing***
- Data Loss Vulnerability: **unencrypted production & unmasked non-production data**
- Impact: **Financial and SSN information exposed belonging to 6.4 million taxpayers and businesses**
- Cost (Sources: Mandiant Report, "The State" SC )
  - \$20+ million first year cost, including credit monitoring, investigation and remediation
  - \$10+ million allocated in 2013-2014 including ongoing monitoring costs and information security expansion
  - \$20+ million allocated in 2014-2015 including ongoing monitoring costs and information security expansion

## Unites States, White House Unclassified Email System

- Occurred October, 2014
- Disclosed April, 2015
- Vector: ***phishing***
- Impact: **Sensitive data disclosure**

# Defense in Depth



## NCDOT Risk Profile

**GREEN** = Assessed and accepted risk, being maintained. Cyclic reevaluation required as threats and technology evolves.

**YELLOW** = Moderate, managed known risk, being assessed and remediated.

**RED** = Identified high or unknown risk.

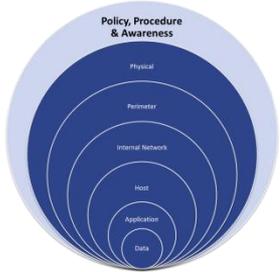
\* Physical security infrastructure operated by NCDOT Safety & Risk, IT components supported by NCDOT IT

# Current Main Focus Areas

- **Policy, Procedure & Awareness** – Overall exposure high due to reactive nature to incidents and lack of proactive awareness, well communicated, effective and repeatable standards and policies. Dedicated staff in place and evaluating policies, programs, training and tools.
- **Endpoint and User Security** – Enhancements to endpoint security being evaluated and tested such as email malware detection, web content filtering, DNS filtering, application whitelisting and multi-factor authentication.
- **Data Masking & Encryption**– Data masking pilot on mainframe non-production tiers. Encryption of production data being investigated.
- **Intelligent Transportation Systems (ITS)** – Remediation and evaluation of priority security and operational issues ongoing with the business. Dedicated team in place for remediation and ongoing support of all ITS infrastructure.

# Additional Focus Areas

- **Data Classification & Management** – Data classification & governance initiated across agency.
- **Database Controls & Monitoring** – IBM Guardium mainframe DB2 environment deployed January 2014, which identified current mainframe DB vulnerability opportunities and scope for subsequent phase requirements. Ongoing assessment and enhancement planning for phase 2 in 2015 to expand mainframe monitoring capacity and support distributed environment.
- **Access Controls** – Mainframe RACF access audited & restricted in late 2013, global mainframe DB2 access restrictions improved October, 2014. Ongoing assessment in mainframe and distributed environment.
- **Standardized Contracts** – Standardized contracts that incorporate IT requirements. IT Information Security working with business units to incorporate language in new contracts & MOUs.
- **Systems Risk Assessments** – Currently well engaged for new projects and initiatives and significant changes to existing systems. Not enough visibility and resources to assess all existing systems.



# Policy, Procedure & Awareness

1. **Standardized contracts and vendor agreements** – DMV vendor MOU, DOH contractor RFPs to include IT requirements, and other unit engagements to standardize contracts has beg.
2. **Policy & Security Awareness**– Reactive in nature currently, email and intranet portal resources employed to inform and educate staff. National Cyber security Month weekly newsletter effort a recent win.
3. **Security Awareness Training** – Annual employee general security awareness training in LMS. PCI-DSS annual training for employees as required. Creating PII training. Opportunities remain.
4. **Phishing External Assessment** – October 2014 test against approximately 100 internal users to measure risk and awareness of email phishing. Results indicated significant opportunity to increase awareness. Additional testing and remediation being developed. Tools in procurement.
5. **Policy & Security Awareness Program** – Proactive comprehensive awareness program development, implementation and management. This effort is not sustainable without dedicated staff. Contract staff hired, plan to convert to state FTE. Migration to NIST framework.

# IBM QRadar SIEM

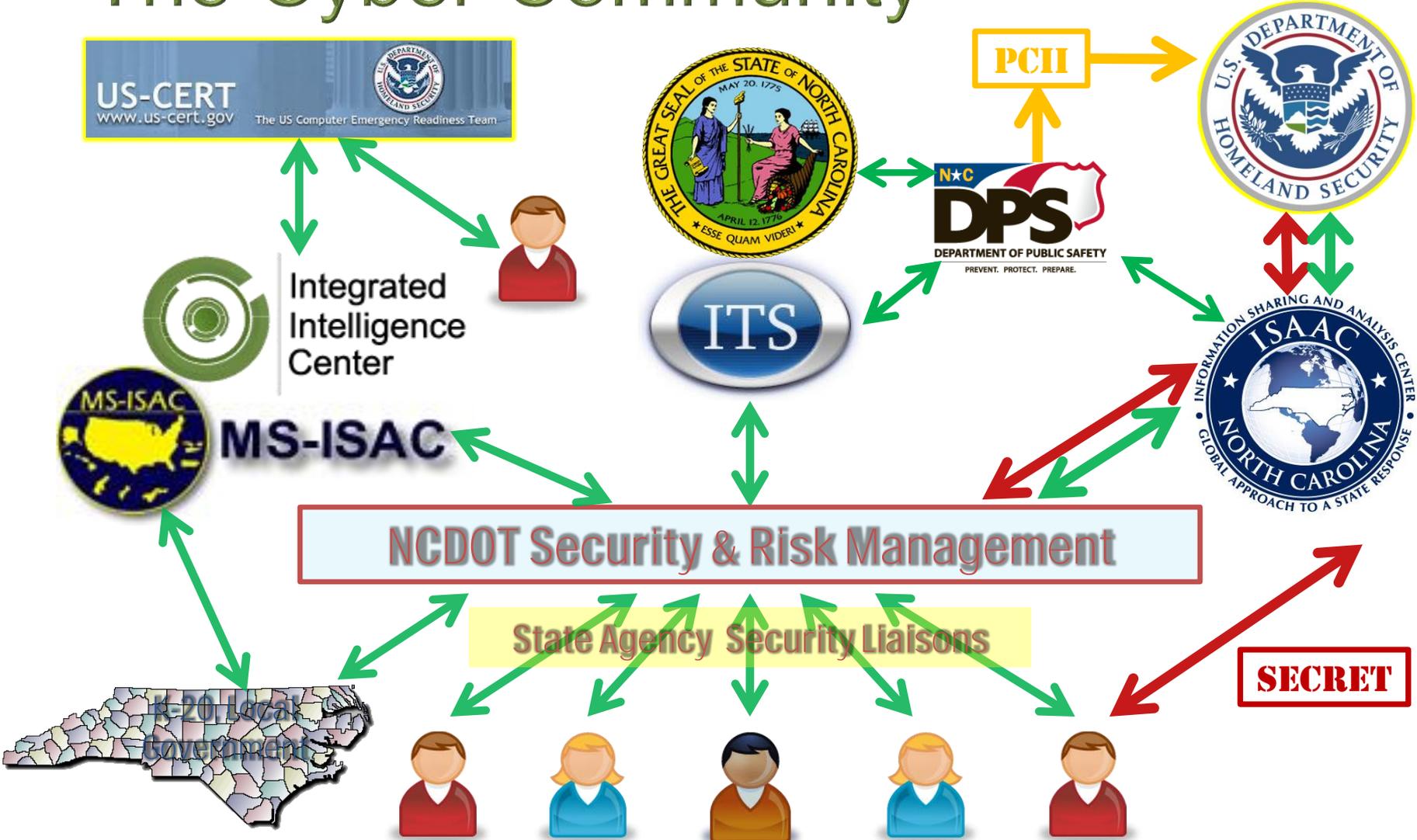
- Log Management
- Security Intelligence
- Network Activity Monitoring
- Risk Management
- Vulnerability Management
- Network Forensics

The screenshot displays the IBM Security QRadar SIEM dashboard with the following components:

- Dashboard Header:** Includes navigation tabs (Dashboard, Offenses, Log Activity, Network Activity, Assets, Forensics, Reports, Risks, Vulnerabilities, Admin) and system information (System Time: 6:21 AM).
- Vulnerability Count / Risk:** A pie chart showing risk distribution: 53% (Red), 26% (Orange), 13% (Yellow), 8% (Green), and 0% (Dark Green).
- My Offenses:** A table listing offenses such as "DDOS Detected", "OS Attack: MS SMB2 Validate Provider Callback CVE-2009-3103", and "Risk: assess devices (i.e. firewalls) that allow banned protocols from the Internet".
- Top Services Denied through Firewalls (Event Count):** A line graph showing event counts over time from 06:00 to 09:00.
- Top Systems Attacked (Event Count):** A line graph showing event counts over time from 05:00 to 09:00.
- Top Category Types:** A table listing categories like "Firewall Permit" (72), "Potential Botnet Connection" (59), "Misc Exploit" (45), "ACL Deny" (26), and "Web Exploit" (23).
- Flow Bias (Total Bytes):** A bar chart comparing network flow bias for the period 10/21/13 12:21 AM - 10/21/13 6:21 AM.
- Top Sources:** A table listing source IP addresses, with "10.0.110.239" having 15 offenses.

*An integrated, unified SIEM architecture in a single web-based console*

# The Cyber Community





# MULTIMODAL COMMITTEE MEETING MINUTES

**DATE:** 4/1/15      **TIME:** 8:00-8:30am      **LOCATION:** Board Room

<b>MEETING CALLED BY</b>	Andy Perkins
<b>BOARD ATTENDEES</b>	Andy Perkins, Gus Tulloss, Lou Wetmore

## AGENDA TOPICS

<b>1. MARCH MINUTES APPROVAL – ANDY PERKINS</b>	
<b>DISCUSSION SUMMARY</b>	Approval of March Minutes.
<b>ACTIONS TAKEN</b>	Motion to approve was made by Lou Wetmore and seconded by Gus Tulloss. Motion was approved.

<b>2. ITEM I-1, ITEM I-1A, ITEM I-2, ITEM I-3 – DEBBIE COLLINS, PAUL WORLEY, LAUREN BLACKBURN</b>	
<b>DISCUSSION SUMMARY</b>	Approval of Public Transportation, Rail and Aviation’s funding items.
<b>ACTIONS TAKEN</b>	Motion to approve was made by Lou Wetmore and seconded by Gus Tulloss. Motion was approved.

<b>3. TRANSIT UPDATE – JEFF MANN</b>	
<b>DISCUSSION SUMMARY</b>	Rail theater car to view PIP project week of April 18 <sup>th</sup> -24 <sup>th</sup> . Multimodal will return to normal schedule in May with Rail presenting. June meeting will be at the Transit Facility in Raleigh.
<b>ACTIONS TAKEN</b>	Informational



# MULTIMODAL COMMITTEE AGENDA

## BOARD OF TRANSPORTATION MAY 6, 2015

**TIME: 10:00-11:30am**

**LOCATION: EIC**

<b>TOPIC</b>	<b>PRESENTER</b>	<b>TIME</b>
Call to Order	Andy Perkins	10:00
Approval of Minutes	Andy Perkins	10:00-10:05
Funding Items (PTD, Rail, Bike & Pedestrian)	Transit Directors	10:05-10:15
Transit Update	Jeff Mann	10:15-10:20
Aviation Division	Bobby Walston	10:20-10:30
Ferry Division	Ed Goodwin	10:30-10:40
Public Transportation Division	Debbie Collins	10:40-10:50
Bike & Pedestrian Division	Lauren Blackburn	10:50-11:00
Rail Division – Successful Short Lines and Regional Railroads are Entrepreneurial	Paul Worley	11:00-11:30

*It's not just how you get there, it's why you go.*



**Accountability - Responsibility - Respect**

ncferry.org

800-BY-FERRY

Real time travel info via twitter: @NCDOT\_Ferry



APRIL 2015

## PROGRAMS AND INITIATIVES

### Ed Goodwin—Director

#### Period Comparison

##### Expenditures

March 2014 \$ 3,046,165

March 2015 \$ 3,306,178

Capital Reserves are not included in Period Comparison.

#### Capital Reserve Credits

March 2015 \$ 120,905

Capital Reserves \$ 3,718,248\*

\*Through FY15 Period 9.

#### Hatteras Route Impact

FY14 Periods 1-9 \$ 6,244,231

FY15 Periods 1-9 \$ 7,163,071

**Impact \$ 918,840**

#### DISTRICT 1, DISTRICT 2 & DISTRICT 3 PERFORMANCE SNAPSHOT

NCDOT FERRY DIVISION

MARCH 2015

Ridership: Vehicles

	FY15 MARCH	FY14 MARCH	Δ	FY15 FYTD	FY14 FYTD	Δ
DISTRICT 1	10,888	9,662	13%	183,671	207,522	-13%
DISTRICT 2	32,954	32,664	1%	320,335	316,883	1%
DISTRICT 3	3,678	3,155	17%	54,323	55,679	-2%
<b>TOTAL</b>	<b>47,520</b>	<b>45,481</b>	<b>4%</b>	<b>558,329</b>	<b>580,084</b>	<b>-4%</b>

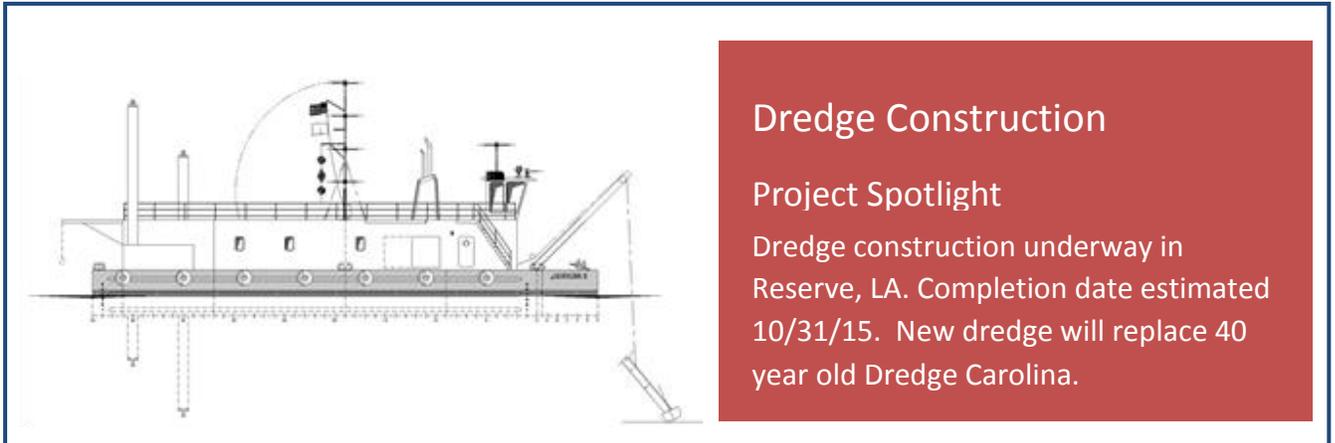
**District 1: Hatteras Inlet and Currituck – Knotts Island**

**District 2: Bayview – Aurora, Cherry Branch – Minnesott and Southport – Fort Fisher**

**District 3: Swan Quarter – Ocracoke and Ocracoke – Cedar Island\***

**\*Presented in this manner to avoid separating a route between districts.**

RELIABILITY: Departures	Scheduled	Missed	% Complete
March 2015	4,798	280	96.7%
Calendar Year to Date	13,862	958	93.1%



#### **OTHERS FERRY ACTIVITIES IN PROGRESS:**

- **Volkert engineering firm has been contracted to perform a feasibility study for the operation of passenger ferries on the Hatteras to Ocracoke route. The Ferry Division has formed a steering committee to oversee this process. The first steering committee meeting was held on April 8<sup>th</sup>. Public Meetings will be held on May 4<sup>th</sup> and 5<sup>th</sup> in Hatteras and Ocracoke for public involvement as a part of this study. During this time the passenger ferry Provincetown III will run sea trials on the proposed route and be open for tour for the general public.**

#### **DIVISION ACTIVITIES AND IN-HOUSE PROJECTS**

- **Spoil site refurbishment is in progress at four locations: Fort Fisher, Southport, Cherry Branch and Swan Quarter. All site projects are on-schedule. These projects will prevent unnecessary delays for dredging requirements by ensuring proper collection sites for spoils.**
- **The summer schedule will begin on the Hatteras/Ocracoke, Cedar Island/Ocracoke and Swan Quarter/Ocracoke route this month.**



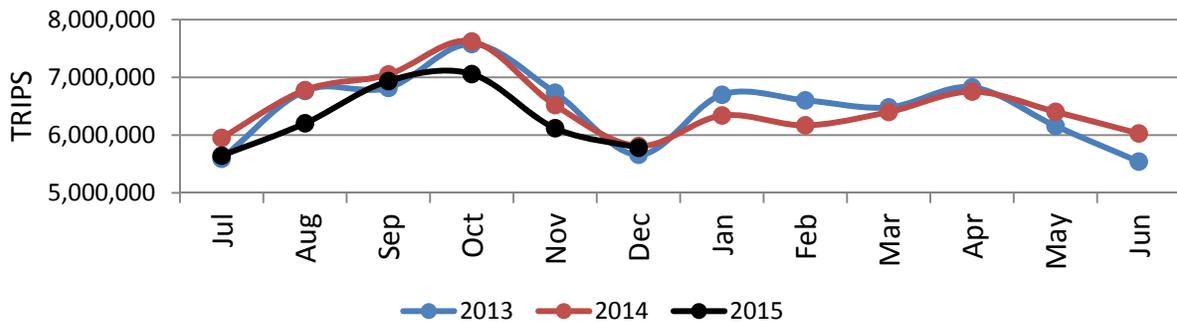
# NCDOT Public Transportation Division **REPORT**

## Fiscal Year 2015 2<sup>nd</sup> Quarter Service Statistics

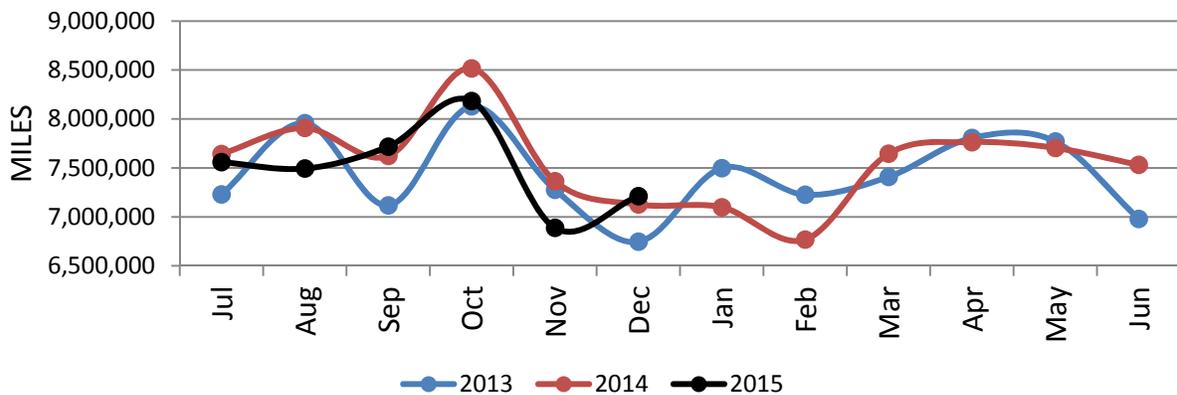
The North Carolina urban and community transportation operating statistics have been received and compiled from the state's 99 public transportation providers. Some of the highlights of the this period include

### Statewide Summary

Total Trips



Total Miles

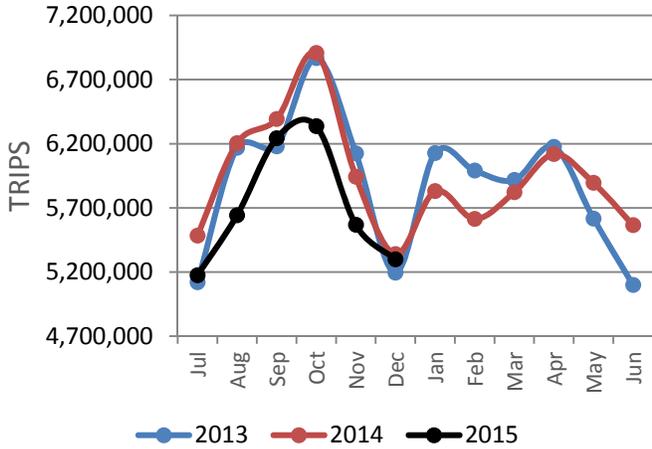




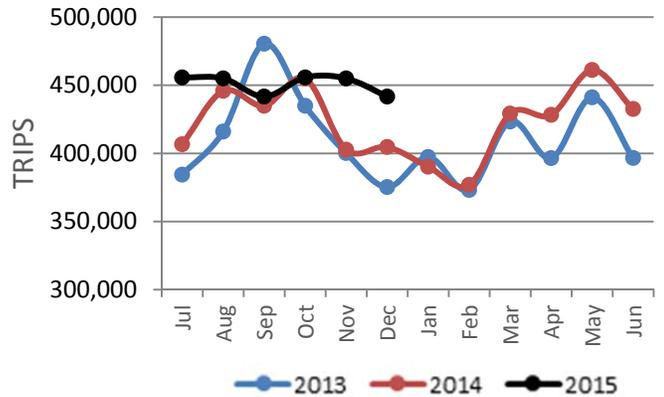
# Fiscal Year 2015 2<sup>nd</sup> Quarter Service Statistics

## Urban Transportation

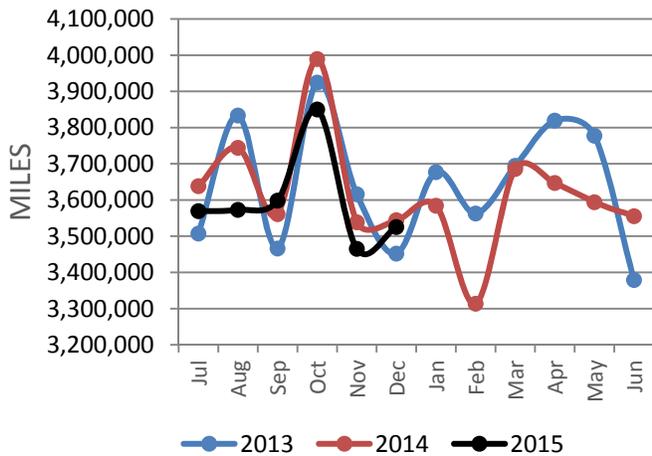
Total Trips



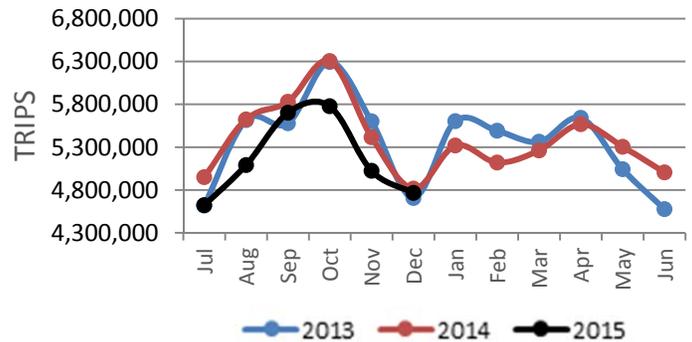
Light Rail Trips



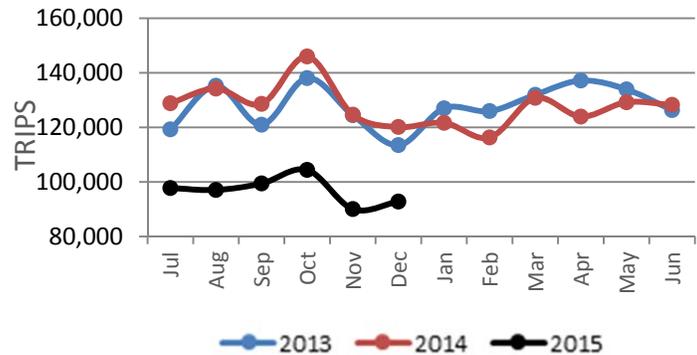
Total Miles



Fixed Route Trips



Dial-A-Ride Trips

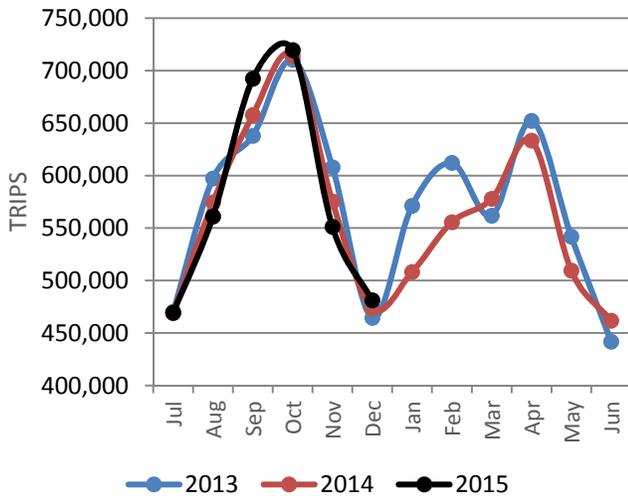




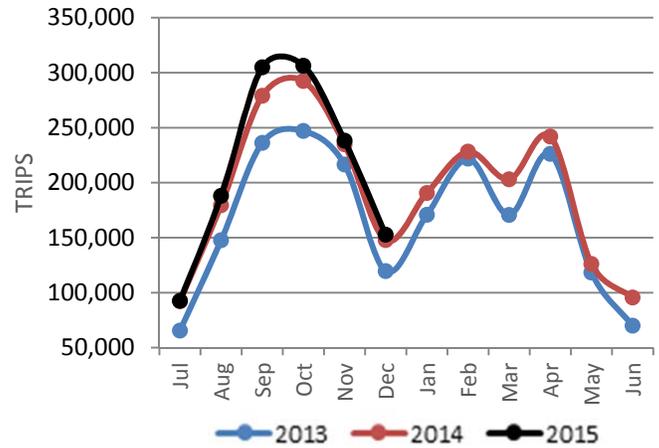
# Fiscal Year 2015 2<sup>nd</sup> Quarter Service Statistics

## Community Transportation (CT)

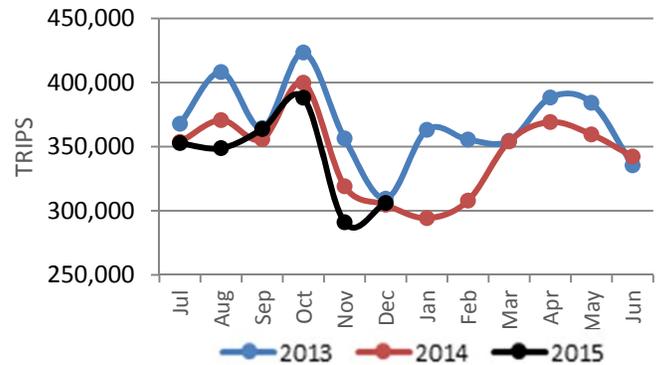
Total Trips



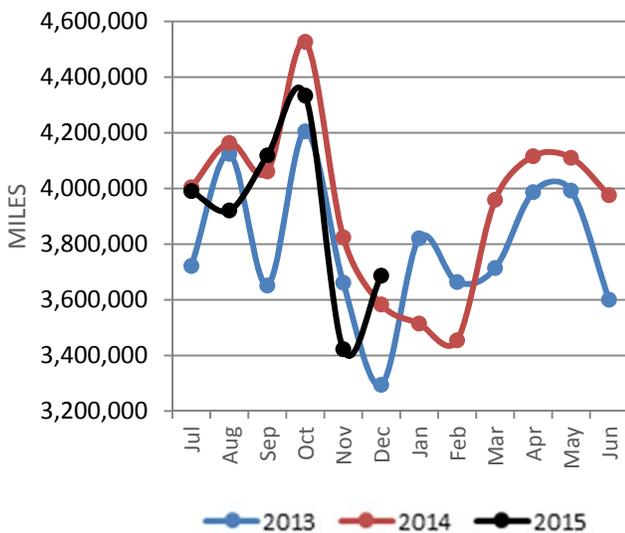
Fixed/Deviated Fixed Route Trips



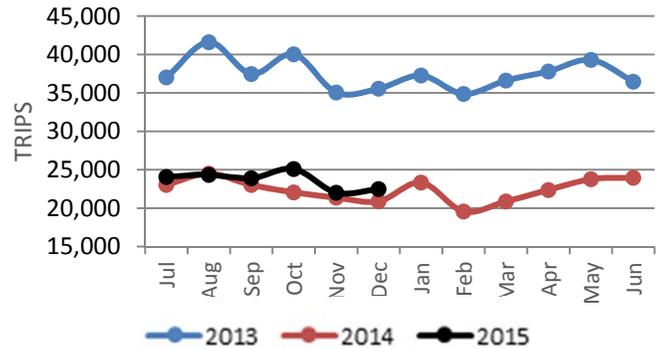
Demand Response Trips



Total Miles



Other Provider Trips



## PIEDMONT & CAROLINIAN PERFORMANCE SNAPSHOT

NCDOT RAIL DIVISION **FEBRUARY 2015**

### Ridership

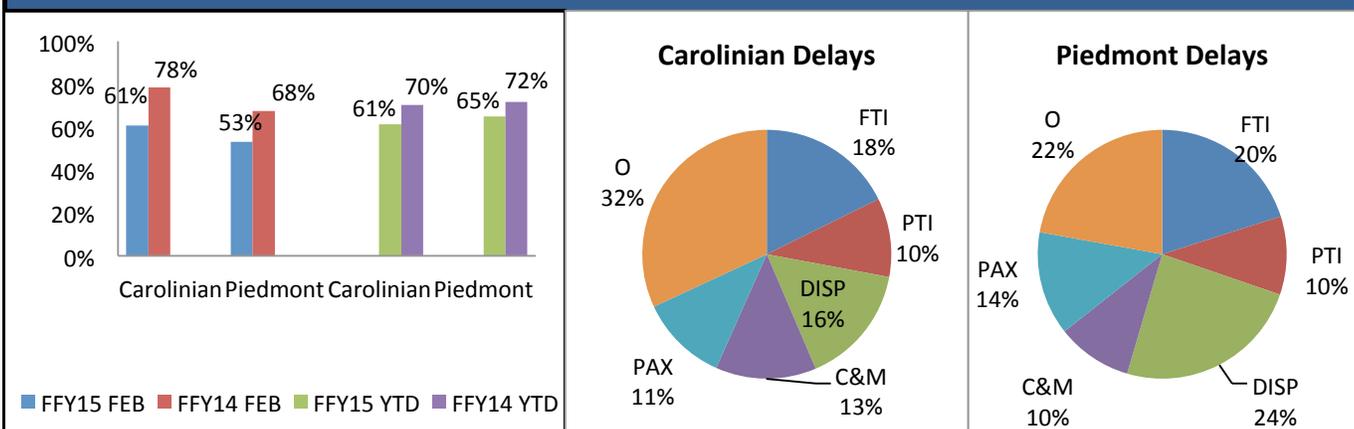
	FFY15 FEB	FFY14 FEB	Δ	FFY15 YTD	FFY14 YTD	Δ
<b>Carolinian</b>	19,434	18,147	7%	119,568	110,989	8%
<b>Piedmont</b>	10,934	12,303	-11%	70,499	72,430	-3%
<b>Total</b>	30,368	30,450	0%	190,067	183,419	4%
			# of Trains	FFY15 FEB	FFY14 FEB	Δ
<b>Average number of passengers per train</b>		Carolinian	56	347	356	-2%
		Piedmont	108	101	117	-14%

### Revenue

	FFY15 FEB	FFY14 FEB	Δ	FFY15 YTD	FFY14 YTD	Δ
<b>Carolinian</b>	\$1,186,842	\$1,018,477	17%	\$7,504,482	\$6,647,684	13%
<b>Piedmont</b>	\$228,747	\$246,646	-7%	\$1,468,163	\$1,444,683	2%
<b>Total</b>	\$1,415,589	\$1,265,123	12%	\$8,972,645	\$8,092,367	11%
<b>Amenities</b>	Mo. Surcharge	\$5,239	Mo. Expense	\$2,139	Mo. Surplus	\$3,100

\*Average revenue per rider was \$61.07 for the Carolinian and \$20.92 for the Piedmont. Average number of passengers per train is monthly ridership divided by number of operating trains, assuming regular operations for FY14. Amenities surcharge is only for Piedmont service. Trains 73, 74, 75, and 76 were cancelled on February 26 due to a winter storm.

### On-time Performance



\*Carolinian and Piedmont delays were 6,465 and 3,173 minutes, respectively. FTI - Freight Train Interference; PTI - Passenger Train Interference; DISP - Dispatch Related; C&M - Construction, Maintenance; PAX - Any Passenger Related; O - All Other Delays (e.g. weather, mechanical). Carolinian trains arriving within 20 minutes and Piedmont trains within 10 minutes of schedule are considered on time.

### Overall Customer Satisfaction

	FFY15 JAN	FFY14 YEAR-END	Δ
<b>Carolinian</b>	80%	75%	5%
<b>Piedmont</b>	93%	88%	5%

\*The customer satisfaction index (eCSI) is calculated from rider survey data conducted on line; the eCSI is for one month prior to the current report month. Overall satisfaction is defined as average scores greater than or equal to 80. Customer satisfaction goals for FFY 2014 were 82% for the Carolinian and 92% for the Piedmont; and for FFY 2015 are 79% for the Carolinian and 90% for the Piedmont.

### North Carolina City Pairs with Largest Ridership

	<b>Carolinian</b>	<b>Piedmont</b>
<b>1</b>	Charlotte - Raleigh	Charlotte - Raleigh
<b>2</b>	Raleigh - Washington	Charlotte - Greensboro
<b>3</b>	Charlotte - Greensboro	Charlotte - Durham
<b>4</b>	Charlotte - Durham	Charlotte - Cary
<b>5</b>	Charlotte - New York	Greensboro - Raleigh
<b>6</b>	New York - Raleigh	Durham - Greensboro
<b>7</b>	Durham - Washington	Cary - Greensboro
<b>8</b>	Greensboro - Washington	Charlotte - HighPoint
<b>9</b>	New York - Wilson	HighPoint - Raleigh
<b>10</b>	Durham - New York	Charlotte - Salisbury

\*Of the ten city pairs with the highest ridership, from the previous FFY month Charlotte-New York had the largest increase of 33% and Durham - New York the largest decrease of 18% for the Carolinian; Charlotte - Salisbury had the largest increase of 7% and Cary - Greensboro the largest decrease of 22% for the Piedmont.

### Carolinian and Piedmont Total Ons-Offs at North Carolina Stations

	<b>FFY15 FEB</b>	<b>FFY14 FEB</b>	<b>Δ</b>
<b>Charlotte</b>	11,070	11,730	-6%
<b>Raleigh</b>	7,770	8,133	-4%
<b>Greensboro</b>	7,184	7,917	-9%
<b>Durham</b>	5,584	5,723	-2%
<b>Cary</b>	3,508	3,783	-7%
<b>High Point</b>	2,184	2,221	-2%
<b>Wilson</b>	2,053	1,772	16%
<b>Salisbury</b>	1,407	1,482	-5%
<b>Burlington</b>	1,361	1,354	1%
<b>Rocky Mount</b>	1,250	1,232	1%
<b>Kannapolis</b>	1,152	950	21%
<b>Selma-Smithfield</b>	461	439	5%

\*The values represent passenger ons and offs at North Carolina stations for only state-supported routes and do not include those of other Amtrak services. The values should not be construed as total ridership.

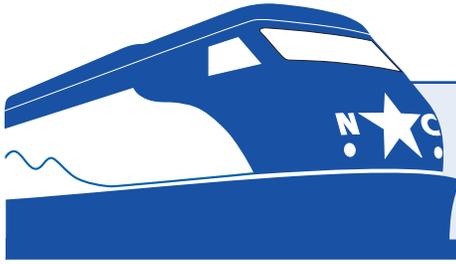
### Train Host Volunteer Hours

	<b>FFY15 FEB</b>	<b>FFY15 YTD</b>
<b>Volunteer Hours Worked</b>	809	6260



[www.NCByTrain.org](http://www.NCByTrain.org)





North Carolina's Amtrak

*Simple and stress free.*

ncbytrain.org



NCDOT Rail Division

# The Rail Report



May 2015

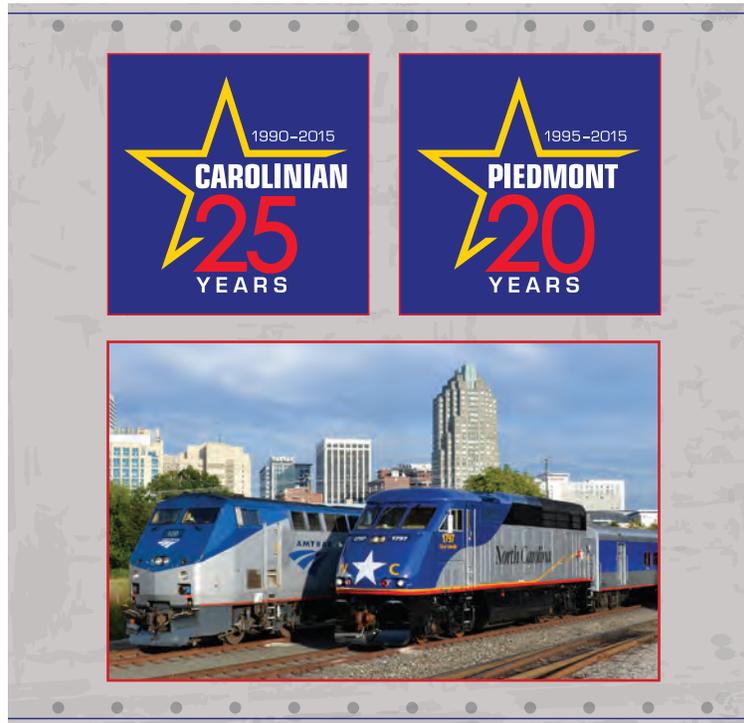
## Two Passenger Service Milestone Anniversaries will be Celebrated in May

North Carolina's Amtrak celebrates the 25th Anniversary of the *Carolinian* service inaugural on May 11 and on May 25, the 20th Anniversary of the *Piedmont*. To celebrate, the spring/summer "Kids Ride for \$5" will be offered mid-week all month and on the weekends of May 9, 10, 11 and May 23, 24 and 25. Celebrations will be held at train stations across the state on May 9th to commemorate *Carolinian* service and May 23 to commemorate *Piedmont* service. Since 1990, when passenger service resumed in North Carolina, many improvements have been made to railroads and stations across the state.

In May of 2010, *Piedmont* service was expanded. An additional mid-day round-trip between Charlotte and Raleigh was added to the original two early morning and late afternoon trains, offering passengers more travel time options.

New stations have been constructed in Kannapolis and Cary. Historic stations have been rehabilitated in Salisbury, High Point, Greensboro, Selma, Wilson and Rocky Mount. Durham's new station is an adaptive reuse of a historic tobacco warehouse and Burlington passengers use a waiting room in the Historic Company Shops building owned by the North Carolina Railroad Company.

On May 8 at 11:30am, a groundbreaking will be held for the new Raleigh Union Station, which will be located in the renovated Dillon Supply Company Warehouse Viaduct Building at 510 West



Martin Street. The station will replace the existing Amtrak Station on Cabarrus Street, which routinely experiences overcrowding, too few parking spaces and an inadequate platform to serve longer trains. Planning is underway with the City of Charlotte for a new transportation hub that would bring passenger service to the center of Uptown Charlotte, rather than the crowded, out of date station that now serves the city.

With incremental track and safety improvements over the years, travel time between Raleigh and Charlotte has been reduced by an hour and

ten minutes since service started. This has been made possible by programs funded with federal and state dollars, such as the Passenger Safety Program (1992-1995), Sealed Corridor Program (1994-2004) and North Carolina Railroad Improvement Program (2001-2009). The *Piedmont*

Improvement Program projects, currently underway on the corridor is resulting in even more capacity and safety benefits.



Above: May 11, 1990  
Right: May 25, 1995



Please join us at your local train station on May 9 to celebrate the *Carolinian* Anniversary and onboard the train on May 11. The *Piedmont* Anniversary will be celebrated at stations on May 23 and onboard the train on May 25. Join us as we celebrate passenger service in North Carolina and the progress that has been made for passenger rail over the past 25 years.

# Ridership & Revenue on NC's Amtrak Service – February 2015 vs. 2014

	RIDERSHIP			REVENUE		
	2015	2014	% +/-	2015	2014	% +/-
Piedmont	10,934*	12,303	-11%	\$228,747	\$246,6462	-7%
Carolinian	19,434	18,147	7%	\$1,186,842	\$1,018,477	17%

\*Trains 73, 74, 75 and 76 were canceled on February 26 due to a winter storm.



## CURRENT TRAVEL DEALS

**1** North Carolina's **AMTRAK**  
[ncbytrain.org](http://ncbytrain.org)  
**800-BY-TRAIN**

Simple and stress free.

Kids Ride  
each way  
\$5  
All Summer\*



### Take your child on a summer adventure.

\*Up to 2 kids (age 2-12) ride for \$5 with a regular full fare adult on Tuesdays, Wednesdays and Thursdays within North Carolina. Valid for travel now – August 27. Use fare code V615 when buying your ticket. Not valid with other offers. Other restrictions may apply.

## Wi-Fi Coming to the Piedmont

In response to passenger demand, Wi-Fi service will be available on trains 73, 74, 75 and 76 beginning Monday, May 25th – the 20th Anniversary of the *Piedmont* Inaugural. A 50¢ per ticket surcharge will be added to the cost of North Carolina's Amtrak tickets to pay for the cost of the service.



The N.C. Train Hosts volunteered 1,506 hours in March, supporting North Carolina's Amtrak onboard trains and at events.



New baggage cars were added to the Carolinian train sets in late March, replacing baggage cars that were built in 1949/50 and had millions of miles on them.

## 2 Travel Mid-Week & Save 10%

Get 10% off the price of your ticket automatically if you travel on Tuesdays, Wednesdays or Thursdays. Tickets must be reserved three days in advance to get the discount. No promo code is required. Purchase tickets at [ncbytrain.org](http://ncbytrain.org).





This 'Canes fan scored big by visiting the North Carolina's Amtrak table at the February 24 Hurricanes game. As part of the advertising partnership with the 'Canes, the "register to win" prize was a hockey stick signed by the team and two round-trip tickets onboard North Carolina's Amtrak. When Danny Modlin stopped by the Rail offices to pick up his prize, like a true hockey fan, he was dressed for the occasion.

# E 911

## Rail Emergency Communications TRAINING



A new training module has been developed by BeRailSafe staff for 911 emergency center staff and dispatchers. This two-hour class spells out protocol for handling the different types of rail incident calls, both emergency and non-emergency that can come in to the dispatch centers. For more information or to schedule a class, email Roger Smock at [rdsmock1@ncdot.gov](mailto:rdsmock1@ncdot.gov).

## NCDOT Rail Division wins SHRP2 Implementation Assistance Program Grant to Streamline Processes, Coordination and Partnerships with Railroads

When highway projects cross over, under, or parallel to railroad rights-of-way, extensive coordination is required between the organizations responsible for these structures. Although most projects go smoothly, delays in development and construction do occur. Railroads must carefully evaluate NCDOT projects in terms of safety, engineering, and operational impacts both during construction and for decades afterward. For NCDOT, delays incurred while waiting for railroad reviews and agreements can increase project costs and extend renewal needs for users. Developing mutual understanding and streamlining processes will save money and time for railroads, NCDOT and mutual agencies. With the SHRP2 grant, NCDOT will be able to better document and streamline processes and project coordination between all parties involved.



## Track Improvements on Wilmington Terminal Rail to serve Vertex Rail Technologies, LLC

The NCDOT has recently entered into agreements to assist with track improvements on the Wilmington Terminal Railroad to serve Vertex Rail Technologies, LLC. Vertex is developing a manufacturing facility to assemble new, safer tank cars and covered hopper cars. These newer cars will aid the freight rail industry in advancing their goal of "...the safe and efficient movement of freight" The new Vertex manufacturing facility in Wilmington is projected to provide hundreds of new jobs over the next few years. Support from the Freight Rail & Rail Crossing Safety Improvement fund and the department's Economic Development fund will be used for this project.



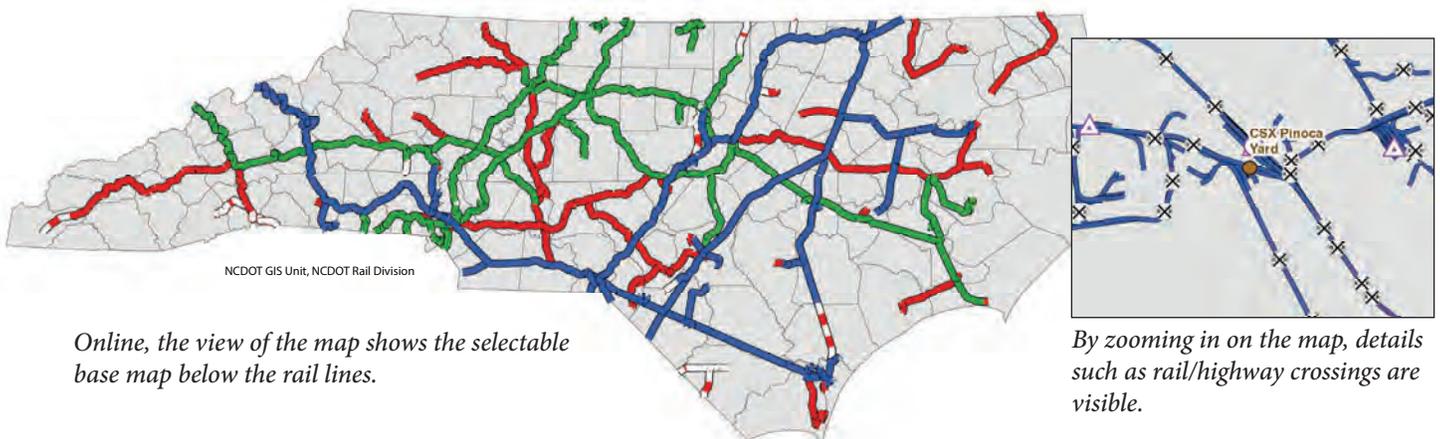
## SAVE THE DATE!

The Federal Railroad Administration (FRA) will host its annual workshop on best practices for right-of-way fatality and trespass prevention Aug. 4-6 in Charlotte, N.C. The conference will address community outreach and education; enforcement; design, technology and infrastructure; intention acts/deaths; and pedestrian safety. Accidents at grade crossings and trespassing account for 94 percent of all railroad fatalities, according to the FRA.



**AUG 04-06**  
**CHARLOTTE, NC**

## N.C. Rail System Map now available on GO! NC Website



Online, the view of the map shows the selectable base map below the rail lines.

By zooming in on the map, details such as rail/highway crossings are visible.

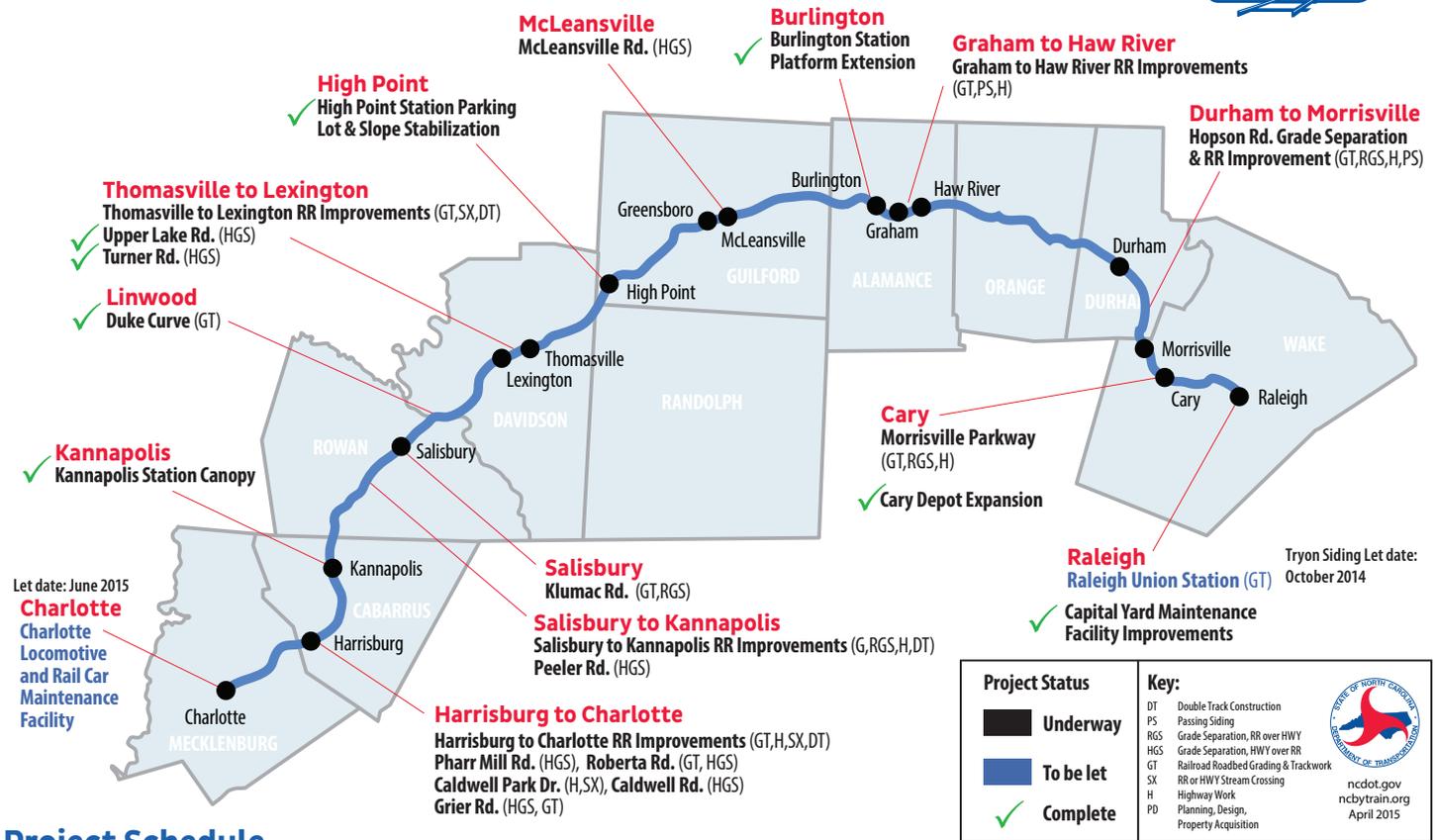
NCDOT Rail Division has been actively working to create an interactive GIS data layer depicting the rail lines across the state. The North Carolina Rail System data is available through the **GO! NC** website.

[ncdot.maps.arcgis.com/home](http://ncdot.maps.arcgis.com/home)

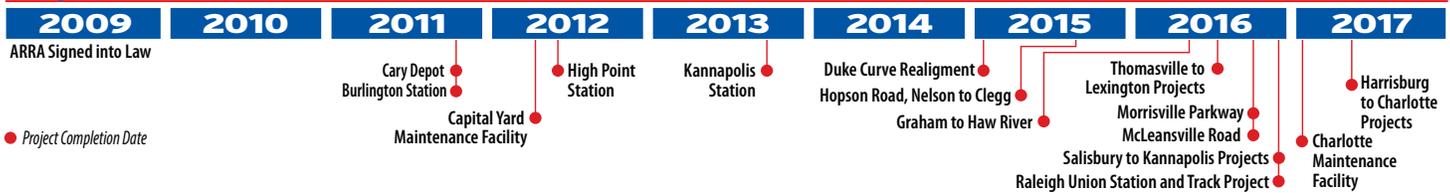
To find the NCDOT North Carolina Rail System map, click on the tab to the right of the maps gallery. The rail map is on the second page.

**GO! NC** is the NCDOT portal through which NCDOT staff, business partners, and others can access and publish geospatial information pertaining to transportation in North Carolina. The Rail System layer currently provides information on location of the tracks, major facilities such as yards, and road crossings. Additional information is being added to the layer and a query function to provide a user information about a specific segment of track.

# Piedmont Improvement Program – March 2015 Status Report



## Project Schedule



## ARRA Funds Spent to Date (effective 3/31/2014)

Component	Expenditure
PD&A/ROW	\$45,128,595
Equipment Procurement & Rebuild	\$26,428,769
Stations & Facilities	\$10,947,245
Track & Structures	\$154,518,863
CRISP	\$2,180,376
<b>Program Totals</b>	<b>\$239,203,848</b> of \$520M awarded FRA Grant Funds

Five new contracts totaling \$541,408 were awarded in March.

## PIP Milestones

**Lexington** – Approximately 2 miles of new main track was completed and cut-in to service on April 13. This critical event was made possible by the efforts of NCDOT and NS construction staff and contractors to complete roadbed, bridge, and track and signal work on schedule. Train service on the new track will allow NCDOT contractors to complete necessary bridge work for the second track and for Norfolk Southern to complete track construction towards the north end of the 4-mile long project.



## Piedmont Improvement Program Project Photos – March 2015



P-5201 Morrisville Parkway, Grading of Approach to Bridge



U-4716 Hopson Road Bridge Construction



U-4716 Nelson to Clegg Passing Siding, Sub-ballast



P-5205 Graham to Haw River Passing Siding



C-4901 Bowers to Lake, Signal Work



C-4901 Bowers to Lake, Grading

## Piedmont Improvement Program Project Photos – March 2015



P-5206 Reid to North Kannapolis, Track Construction



P-5206 Peeler Road Bridge Construction



P-5206 Reid to North Kannapolis, Placing Cross-ties



P-5208 Haydock to Junker, Track Construction



P-5208 Haydock to Junker, Rocky River Bridge



P-5208 Haydock to Junker, Caldwell Road Bridge Construction



# North Carolina

DEPARTMENT OF TRANSPORTATION

## Successful Short Lines and Regional Railroads Are Entrepreneurial

Paul Worley, CPM  
Rail Director

May 6, 2015

# Railroad Classes

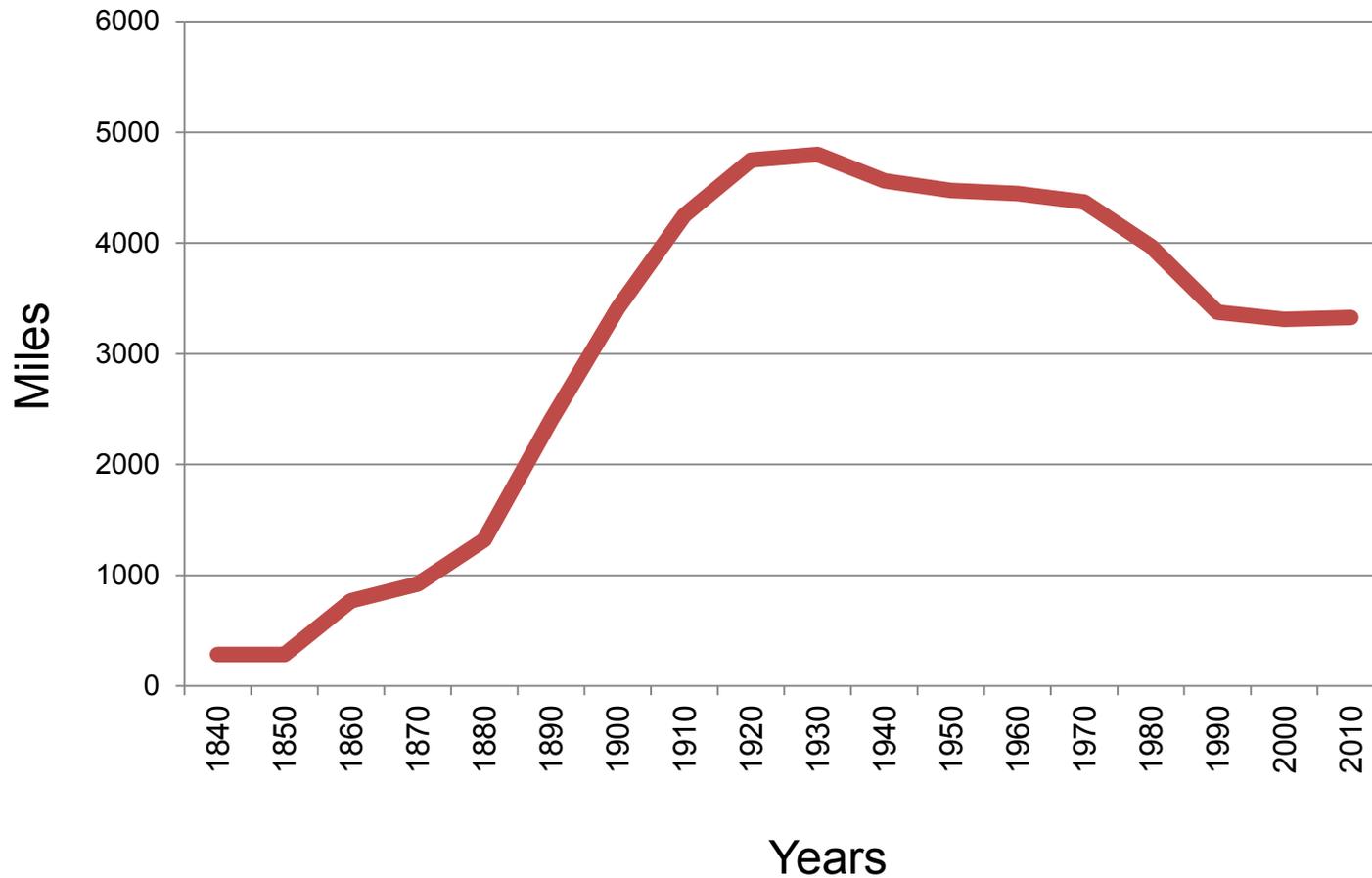
## Surface Transportation Board defines railroads by gross revenue

- **Class I** \$467 million
  - CSX Transportation and Norfolk Southern Railway

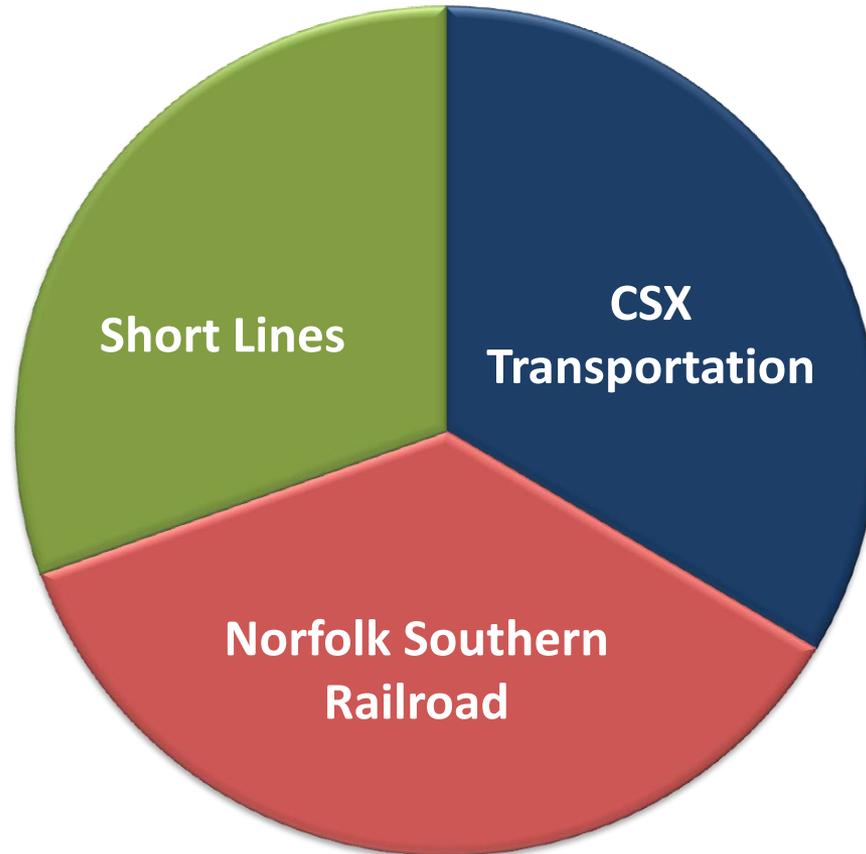


- **Class II** \$37 million
- **Class III** <\$37 million
  - 20 Short Lines in NC from 3 to 173 miles in length
  - About 50% are independently owned
  - About 50% are controlled by holding companies, railroads, and government

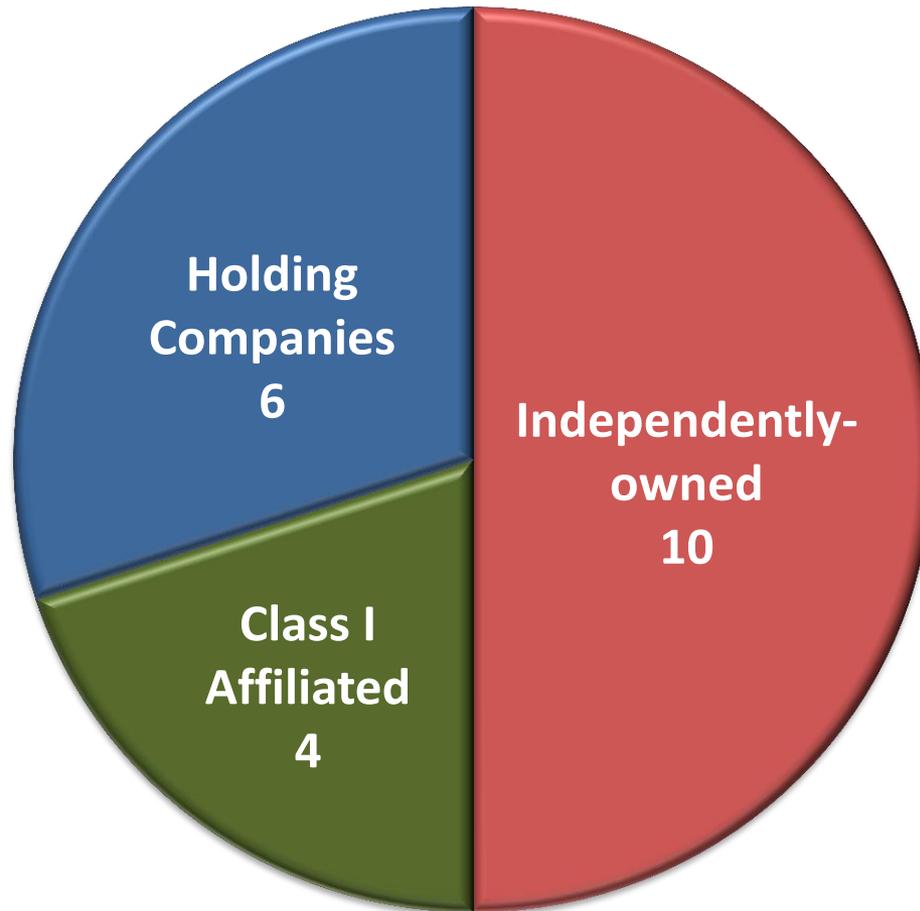
# Miles of Railroads in NC – 1840-2010



## 2015 Railroad Mileage in NC



# NC Short Line Ownership



# Short Line Characteristics

- Provide access to national and international markets
- May be independently owned or by a holding company, government or industry
- NC short lines held by larger corporations may benefit from greater access to capital
- Typically acquired an unprofitable branch line from a Class I railroad

# Short Line Characteristics

- Traffic density is critical
- Emphasis on quality service and flexibility
- Enables business and industry to site in rural and small urban areas

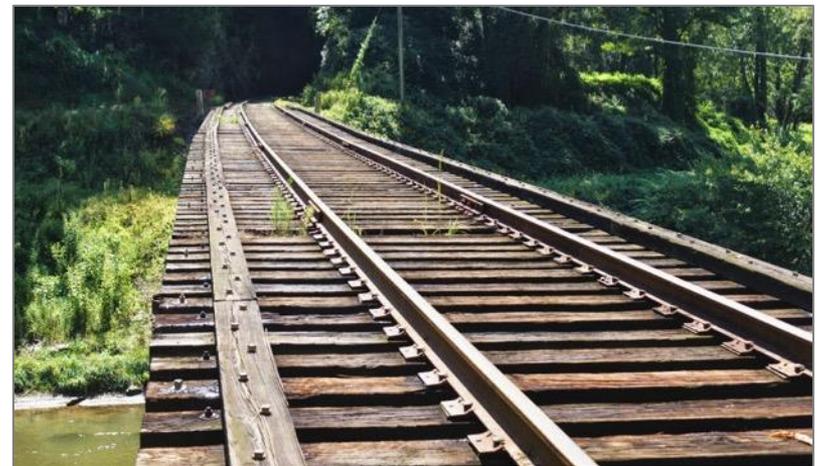


Travis Bowers

Travis  
2015

# Common Short Line Challenges

- Infrastructure condition and maintenance
- Cash flow / financing
- Service conditions flow from Class I's
- Marketing innovation
- Cost inputs for service
- Customer commodity mix



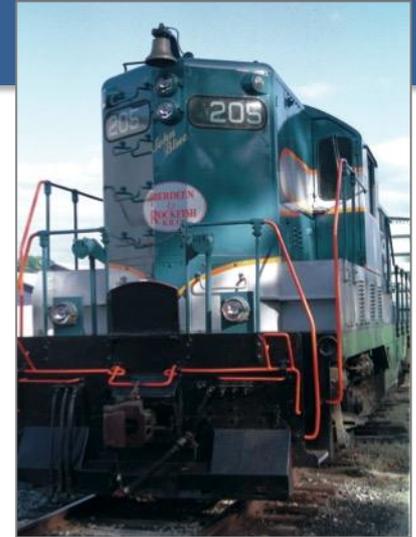
# Entrepreneurial Traits of Successful Short Lines

- Lower Cost Structure
- Flexible
- Enhanced Customer Service



# NC Short Line Examples

**Aberdeen & Rockfish (AR)** – interchanges with CSXT and NSR, diversified customer base



**Aberdeen Carolina and Western Railway (ACWR)** – interchanges with CSXT, NSR and WSSB, public-private investments in infrastructure have enabled unit trains, also services locomotives and rail cars



## NC Short Line Examples

**Alexander Railroad (ARC)** –  
interchanges with NSR, acquired for  
scrap in 1946, serves the Taylorsville to  
Statesville industrial corridor



**Carolina Coastal Railway (CLNA)** –  
interchanges with CSXT and NSR in four  
locations, frequent service, innovates to  
develop new stone, agricultural and  
wood chip customers



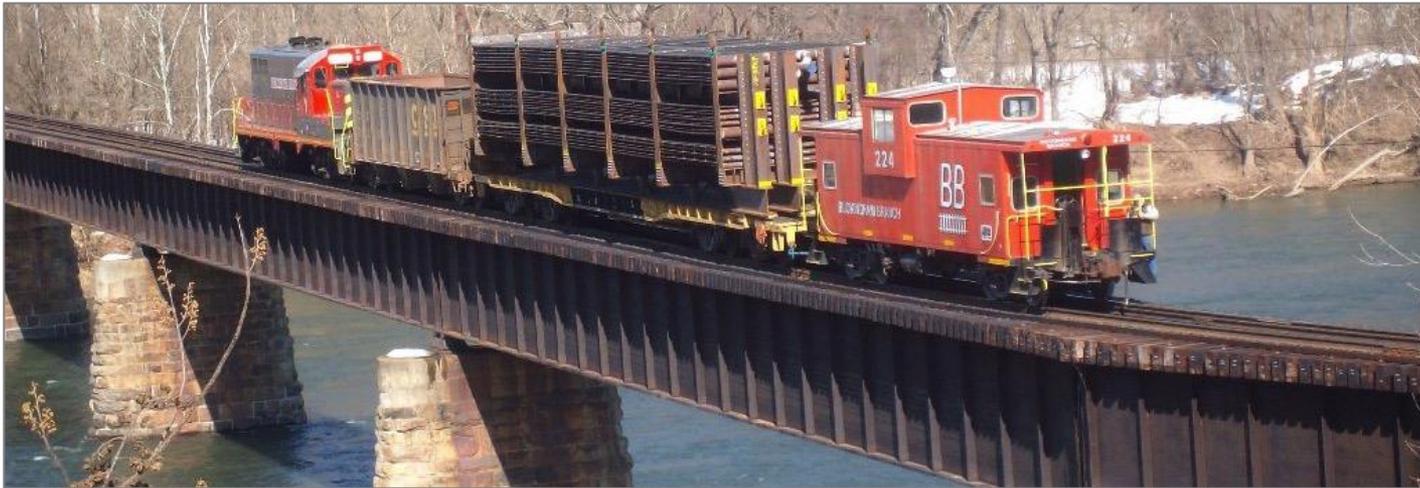
## NC Short Line Examples

**Yadkin Valley Railroad (YVRR)** –  
interchanges with NSR, operates two  
lines, serving feed, wood products,  
steel, plastics and fuels



## VA Short Line Example

**Buckingham Branch Railroad (BB)** – interchanges with CSXT, NSR and Durbin & Greenbrier, 275 miles, 88 employees, customers ship ore, sand, wood products, stone, fuels, and agricultural products. BB hosts Amtrak's *Cardinal* and seasonal passenger excursions



## Class II Examples

**Alaska Railroad (ARR)** – state-owned provides extensive freight and transports 500,000 passengers annually



## Class II Examples

**Florida East Coast Railway (FECR)** – exclusive provider to FL east coast ports, also developing a new, privately-funded, intercity passenger rail service. *All Aboard Florida* will connect Miami, West Palm Beach, Fort Lauderdale and Orlando.



## Conclusions

- Market segment is customer friendly, responsive to change, and has sustained through challenging times
- Provides vital national and international connections for rural and small town business and industries
- Shippers benefit from lower transportation costs, more flexible local service and greatly expanded markets for products
- Public private investments are required for short lines to upgrade infrastructure to meet the 268,000 pound rail car standard



**Thank You!**  
**Questions?**



# ROAD/BRIDGE/FERRY NAMING

## COMMITTEE

### AGENDA

UPDATED - 5/15/15

## BOARD OF TRANSPORTATION

MAY 6, 2015

TIME: 11:30 AM

LOCATION: 160

TOPIC	PRESENTER	TIME
<b>Senator Forrester</b> – NC 27, from 2.5 miles north of E. Chestnut Street to 2.5 miles south of W Chestnut Street in Stanley, Gaston County Div. 12 (Wetmore)	Missy Pair	5 min
<b>Jimmy “Catfish” Hunter</b> – Remove current designation from bridge on Center Hill Highway (SR 1110) to the bridge on US 17 Bypass over Perquimans River, Perquimans County, Div. 1 (Fearing)	Missy Pair	10 min
<b>Blue Star Memorial Highway Network</b> - Extend to include US 421 in Yadkin County, Div. 11 (Palermo)	Missy Pair	5 min