



MEETING AGENDA (UPDATED 5/4/16)
Monthly Meeting of the North Carolina Board of Transportation
1 South Wilmington Street Raleigh, North Carolina 27601
May 4-5, 2016

WEDNESDAY, MAY 4, 2016

10:30AM – 12:00PM

Multi-Modal Committee	EIC
Highway Committee	Room 150

12:00PM – 12:15PM

LUNCH IS AVAILABLE/ BREAK

Room 150

12:15PM

Working Lunch – Full Board Attendance

Chief Financial Officer Update	David Tyeryar
Noise Policy Update	Drew Joyner/Greg Smith
Periodic Review of Rules	Helen Landi
P4.0 Update	Van Argabright/Sarah Lee
Revised MOA and 2016 – 2018 Biennial Budget, NCDEQ Division of Mitigation Services	Phil Harris/Michael Ellison

1:20PM – 1:30PM

BREAK

1:30PM – 3:00PM (Joint Committee Meeting)

Funding Appropriations and Strategies Committee	Room 150
Economic Development & Intergovernmental Relations Committee	

3:00PM – 3:30PM

Audit Committee	Room 160
-----------------	----------

3:30PM – 4:00PM

Road, Bridge, Ferry Naming Committee	Room 160
--------------------------------------	----------

4:00pm – 5:00pm

General Meeting Time	Various Locations
----------------------	-------------------

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

- Call to Order
- Invocation
- Ethics Declaration
- Approval of March Board Meeting Minutes
- Secretary's Remarks

Chairman Curran
 Jeff Sheehan
 Chairman Curran
 Chairman Curran
 Secretary Tennyson

INFORMATION AND DELEGATED AUTHORITY

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

Division 10 Update
 Division 11 Update
 Product Evaluation Program Awareness
 NCDOT Report (Performance)

Tracy Dodson, Board Member
 Jim Palermo, Board Member
 Ben Johnson
 Ehren Meister

ACTION

Periodic Review of Rules

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 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 S) Maintenance Allocations
 (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 4-5, 2016

Delegated Authority Secretary Tennyson

- (Item C) Award of Highway Construction Contracts from March 15, 2016 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 **(No Item this month)**
 - (Item I-4) Aviation **(No Item this month)**
- (Item J) Specific State Funds for Construction Projects
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2016-2025 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations
- (Item T) Submission of Comprehensive Transportation Plans for Mutual
Adoption by the Board of Transportation

NCDOT Board of Transportation Agenda

ITEM C

April 2016

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 19, 2016
DIVISION 00005

PAGE : 1 of 13
ITEM C

C203723
42332.3.FD1
BRZ-1304(10)
GRANVILLE
B-5157

PROPOSAL LENGTH 0.174 MILES

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

LOCATION BRIDGE #178 OVER FOX CREEK ON SR-1304.

EST CONST PROGRESS.... FY-2016..25% OF BID
FY-2017..75% OF BID

RPN 001 6 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 843,070.40

DATE AVAILABLE JUN 01 2016

INTER COMPLETION NOV 28 2016 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 26 2017

	\$ TOTALS	% DIFF
DANE CONSTRUCTION, INC. MOORESVILLE, NC	877,191.30	+4.0
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	885,500.00	+5.0
SMITH-ROWE, LLC MOUNT AIRY, NC	948,430.08	+12.5
S. T. WOOTEN CORPORATION WILSON, NC	1,023,014.34	+21.3
ENGLISH CONSTRUCTION CO., INC. LYNCHBURG, VA	1,192,576.53	+41.5
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	1,260,295.80	+49.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00005

PAGE : 2 of 13
ITEM C

C203852
2016CPT.05.08.10731.1, 2016CPT.05.08.20731.1
STATE FUNDED
PERSON

PROPOSAL LENGTH 60.700 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF NC-49, 1 SECTION OF NC-157, 1 SECTION OF US-501, AND 25 SECTIONS OF
SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..08% OF BID
FY-2017..77% OF BID
FY-2018..15% OF BID

RPN 002 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 7,313,834.82

DATE AVAILABLE JUN 01 2016

FINAL COMPLETION NOV 15 2017

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	7,971,073.87	+9.0
ADAMS CONSTRUCTION COMPANY ROANOKE, VA	11,605,831.87	+58.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00009

PAGE : 3 of 13
ITEM C

C203725
34845.3.3
STATE FUNDED
FORSYTH
U-2707

PROPOSAL LENGTH 2.093 MILES

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

LOCATION SR-3000 (IDOLS RD) FROM SR-2999 (HAMPTON RD) TO US-158 (CLEMMONS RD).

EST CONST PROGRESS.... FY-2016..08% OF BID
FY-2017..79% OF BID
FY-2018..13% OF BID

RPN 003 8 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 6.00%
ESTIMATE 12,449,443.01

DATE AVAILABLE JUN 01 2016

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

FINAL COMPLETION APR 30 2018

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	11,693,639.31	-6.1
VECELLIO & GROGAN INC BECKLEY, WV	11,996,296.34	-3.6
BRANCH HIGHWAYS, INC. ROANOKE, VA	12,020,417.14	-3.4
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	12,350,550.32	-0.8
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	12,947,751.13	+4.0
CHARLES D. LOWDER, INC. WINSTON-SALEM, NC	13,732,475.66	+10.3
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	14,370,659.72	+15.4
W. C. ENGLISH, INC. LYNCHBURG, VA	14,599,675.55	+17.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00009

PAGE : 4 of 13
ITEM C

C203849
2016CPT.09.18.10291.1, 2016CPT.09.19.20291.1
STATE FUNDED
DAVIDSON

PROPOSAL LENGTH 18.729 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-64, 2 SECTIONS OF NC-8, AND 8 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..13% OF BID
FY-2017..87% OF BID

RPN 004 4 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 6.00%
ESTIMATE 3,122,868.61

DATE AVAILABLE JUN 06 2016

INTER COMPLETION JUN 30 2016 COMPLETE ALL WORK REQUIRED ON MAPS 6 & 7
AUG 01 2016 COMPLETE ALL WORK REQUIRED ON MAP 4

FINAL COMPLETION MAY 19 2017

	\$ TOTALS	% DIFF
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	2,847,876.39	-8.8
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	3,022,984.50	-3.2
HANES CONSTRUCTION COMPANY LEXINGTON, NC	3,557,413.41	+13.9
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	3,881,457.00	+24.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00009

PAGE : 5 of 13
ITEM C

C203854
2016CPT.09.22.10341.1, 2016CPT.09.23.20341.1
STATE FUNDED
FORSYTH

PROPOSAL LENGTH 16.335 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-52/NC-8, 1 SECTION OF I-40 BUS/US-421, AND 7 SECTIONS OF
SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..13% OF BID
FY-2017..87% OF BID

RPN 005 1 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 6.00%
ESTIMATE 5,176,366.41

DATE AVAILABLE JUN 01 2016

FINAL COMPLETION MAY 19 2017

	\$ TOTALS	% DIFF
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	5,389,299.81	+4.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00010

PAGE : 6 of 13
ITEM C

C203722
42265.3.1
STATE FUNDED
CABARRUS
B-5123

PROPOSAL LENGTH 0.322 MILES

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

LOCATION BRIDGE #14 & #19 OVER ROCKY RIVER AND ACCESS ROAD ON US-29.

EST CONST PROGRESS.... FY-2017..40% OF BID
FY-2018..37% OF BID
FY-2019..22% OF BID
FY-2020..01% OF BID

RPN 006 6 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 7,107,750.89

DATE AVAILABLE SEP 01 2016

INTER COMPLETION AUG 01 2019 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 28 2020

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	8,143,154.07	+14.6
SMITH-ROWE, LLC MOUNT AIRY, NC	8,989,417.67	+26.5
HRI INC DBA HRI BRIDGE COMPANY STATE COLLEGE, PA	9,088,213.39	+27.9
DANE CONSTRUCTION, INC. MOORESVILLE, NC	9,472,322.11	+33.3
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	9,478,974.47	+33.4
LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC. PINEVILLE, NC	9,659,976.90	+35.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00010

PAGE : 7 of 13
ITEM C

C203850

2016CPT.10.58.20902.1, 2016CPT.10.58.20902.2, 2016CPT.10.58.20902.3, 2016CPT.10.58.20902.4,
2016CPT.10.58.20902.5, 2016CPT.10.58.20902.6, 2016CPT.10.58.20902.7, 2016CPT.10.64.10901.2,
2016CPT.10.64.10901.3, 2016CPT.10.64.10901.4, 2016CPT.10.64.20901.10, 2016CPT.10.64.20901.11,
2016CPT.10.64.20901.12, 2016CPT.10.64.20901.13, 2016CPT.10.64.20901.14, 2016CPT.10.64.20901.15,
2016CPT.10.64.20901.16, 2016CPT.10.64.20901.17, 2016CPT.10.64.20901.5, 2016CPT.10.64.20901.6,
2016CPT.10.64.20901.7, 2016CPT.10.64.20901.8, 2016CPT.10.64.20901.9

STATE FUNDED
UNION

PROPOSAL LENGTH 29.070 MILES

TYPE OF WORK MILLING,RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-74, 1 SECTION OF NC-205, AND 20 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..08% OF BID
FY-2017..84% OF BID
FY-2018..08% OF BID

RPN 007 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 3.00%
ESTIMATE 6,160,751.39

DATE AVAILABLE JUN 01 2016

INTER COMPLETION SEP 30 2016 COMPLETE WORK REQUIRED FOR FULL DEPTH RECLAMATION
OPERATIONS

FINAL COMPLETION SEP 20 2017

	\$ TOTALS	% DIFF
LYNCHES RIVER CONTRACTING, INC. PAGELAND, SC	5,998,702.79	-2.6
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	6,676,930.40	+8.4
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	7,334,287.38	+19.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00012

PAGE : 8 of 13
ITEM C

C203822
50070.3.4, 50070.3.5
BRNHP-040-2(169)123, BRNHP-040-2(170)131
CATAWBA
BP-5500D, BP-5500E

PROPOSAL LENGTH 1.162 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION BRIDGES 77, 78, 104, 106, 143, 144, 171 & 172 ON I-40 AND BRIDGES 32, 68, 123, 149, 161, 165, 168 & 170 OVER I-40.

EST CONST PROGRESS.... FY-2016..08% OF BID
FY-2017..77% OF BID
FY-2018..15% OF BID

RPN 008 13 BIDDER(S) DBE GOAL 1.00 %
ESTIMATE 7,104,198.30

DATE AVAILABLE JUN 01 2016

FINAL COMPLETION NOV 15 2017

	\$ TOTALS	% DIFF
SAFFO CONTRACTORS INC WILMINGTON, NC	4,097,643.00	-42.3
SEMINOLE EQUIPMENT, INC. TARPON SPRINGS, FL	4,132,790.00	-41.8
S & D INDUSTRIAL PAINTING, INC. TARPON SPRINGS, FL	4,474,166.40	-37.0
KLICOS PAINTING COMPANY, INC. BALTIMORE, MD	4,516,647.00	-36.4
ASTRON GENERAL CONTRACTING COMPANY INC DALLAS, NC	4,664,818.00	-34.3
OLYMPIC ENTERPRISES INC HUBERT, NC	4,746,670.00	-33.2
MANOLIS PAINTING, INC BALDWIN, MD	5,612,000.00	-21.0
BLASTTECH ENTERPRISES, INC. BALTIMORE, MD	6,406,442.10	-9.8
SOUTHERN ROAD & BRIDGE, LLC TARPON SPRINGS, FL	6,936,007.40	-2.4
M & J CONSTRUCTION CO. OF PINELLAS COUNTY, INC. TARPON SPRINGS, F	7,426,507.86	+4.5
NORTH STAR PAINTING CO., INC. YOUNGSTOWN, OH	7,473,089.90	+5.2
K.V.K. CONTRACTING, INC. TARPON SPRINGS, FL	7,696,512.00	+8.3
ABHE & SVOBODA, INC. PRIOR LAKE, MN	11,753,549.00	+65.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00012

PAGE : 9 of 13
ITEM C

C203839

2016CPT.12.05.10181, 2016CPT.12.05.20181

STATE FUNDED

CATAWBA

PROPOSAL LENGTH 29.840 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF US-70, NC-127, US-321, NC-16, US-321 BUSINESS, AND 31 SECTIONS OF
SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..08% OF BID

FY-2017..79% OF BID

FY-2018..13% OF BID

RPN 009 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%

ESTIMATE 5,942,461.26

DATE AVAILABLE JUN 01 2016

FINAL COMPLETION NOV 01 2017

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	5,773,065.31	-2.9
MIDSTATE CONTRACTORS, INC. HICKORY, NC	5,851,614.25	-1.5
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	5,883,133.17	-1.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00012

PAGE : 10 of 13
ITEM C

C203836

2016CPT.12.07.10361, 2016CPT.12.07.20361

STATE FUNDED

GASTON

PROPOSAL LENGTH 29.240 MILES

TYPE OF WORK MILLING, RESURFACING, WIDENING AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF US-29/US-74, NC-150, NC-274 & NC-275, 2 SECTIONS OF NC-7, AND 22 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..08% OF BID

FY-2017..79% OF BID

FY-2018..13% OF BID

RPN 010 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%

ESTIMATE 7,000,663.12

DATE AVAILABLE JUN 01 2016

FINAL COMPLETION NOV 01 2017

	\$ TOTALS	% DIFF
ASPHALT PAVING OF SHELBY INC SHELBY, NC	6,766,197.95	-3.3
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	7,711,912.45	+10.2
THE LANE CONSTRUCTION CORP CHESHIRE, CT	8,055,837.17	+15.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00013

PAGE : 11 of 13
ITEM C

C203720
38581.3.2
STATE FUNDED
RUTHERFORD
B-4811

PROPOSAL LENGTH 0.227 MILES

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

LOCATION BRIDGE #87 OVER THE BROAD RIVER ON US-64.

EST CONST PROGRESS.... FY-2017..84% OF BID
FY-2018..16% OF BID

RPN 011 5 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 4.00%
ESTIMATE 2,478,278.52

DATE AVAILABLE AUG 15 2016

INTER COMPLETION NOV 01 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 30 2018

	\$ TOTALS	% DIFF
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	2,633,959.30	+6.3
GLF CONSTRUCTION CORPORATION MIAMI, FL	2,922,822.60	+17.9
WRIGHT BROTHERS CONSTRUCTION COMPANY, INC. CHARLESTON, TN	2,936,472.99	+18.5
DANE CONSTRUCTION, INC. MOORESVILLE, NC	3,313,568.05	+33.7
CAROLINA BRIDGE CO., INC. ORANGEBURG, SC	4,270,249.32	+72.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00013

PAGE : 12 of 13
ITEM C

C203724
46111.3.FD1
BRZ-1103(24)
BUNCOMBE
B-5396

PROPOSAL LENGTH 0.116 MILES

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

LOCATION BRIDGE #416 OVER STONY FORK CREEK ON SR-1103.

EST CONST PROGRESS.... FY-2017..100% OF BID

RPN 012 5 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 931,249.70

DATE AVAILABLE JUL 06 2016

INTER COMPLETION JUN 15 2017 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMENANT VEGETATION ESTABLISHMENT

FINAL COMPLETION DEC 12 2017

	\$ TOTALS	% DIFF
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	904,152.84	-2.9
BUCKEYE BRIDGE LLC CANTON, NC	914,883.65	-1.8
APPLE TUCK & ASSOCIATES, INC. RUTHERFORDTON, NC	996,454.31	+7.0
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,003,145.11	+7.7
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	1,028,650.85	+10.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
APRIL 19, 2016
DIVISION 00014

PAGE : 13 of 13
ITEM C

C203842
2016CPT.14.13.10501.1
STATE FUNDED
JACKSON, MACON

PROPOSAL LENGTH 2.200 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION US-23/441 FROM MACON COUNTY LINE TO SR-1300.

EST CONST PROGRESS.... FY-2016..29% OF BID
FY-2017..71% OF BID

RPN 013 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 1.00%
ESTIMATE 2,518,235.92

DATE AVAILABLE JUN 01 2016

FINAL COMPLETION OCT 31 2016

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	2,605,058.38	+3.4
WNC PAVING , INC. WAYNESVILLE, NC	2,752,229.88	+9.3

ESTIMATE TOTAL	68,149,172.35	
LETTING TOTAL	65,701,014.32	-3.6

**NCDOT May 2016
Board of Transportation Agenda**

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

Professional Services Management

Technical Services

Project Development and Environmental Analysis – Natural Environment

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

DIVISION 1

Project:	32635.1.3 (B-2500) Dare County Replace Bridge 11 over the Oregon Inlet on NC 12
Scope of Work:	Prepare mitigation for SAV's for Phases I and II
Estimated Construction Cost:	\$181,316,000.00
Firm:	CSA International, Inc., Stuart, Florida
Original Engineering Fee:	\$ 850,000.00
Supplemental Fee:	\$1,436,650.58
Supplemental Work:	Bonner Bridge Seagrass Restoration, Construction & Monitoring
SPSF Utilization:	0%

Project Development and Environmental Analysis – Human Environment

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

STATEWIDE

Description of Work:	2014 Archaeological Resource Surveys LSC
Firm:	New South Associates, Inc., Stone Mountain, Georgia
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$ 500,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2014 Archaeological Resource Surveys LSC
Firm:	TRC Environmental Corporation, Chapel Hill, North Carolina
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$ 500,000.00
SPSF Utilization:	0%

Roadway Design

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 perform services listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only

DIVISION 6

Project:	41499.1.3 (R-5020B) Columbus County US 701 Bypass (Madison Street – Powell Boulevard) from SR 1437 (Virgil Avenue) to US 74/76
Scope of Work:	Prepare Right of Way and Let Plans
Estimated Construction Cost:	\$6,056,000.00
Firm:	KCI Associates of North Carolina, PA, Raleigh, NC
Maximum Engineering Fee:	\$350,000.00
SPSF Utilization:	Sungate Design Group, PA \$122,500.00 35%

Location & Surveys

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

STATEWIDE

Description of Work:	2015-2017 Location & Surveys LSC
Firm:	McKim & Creed, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2015-2017 Location & Surveys LSC
Firm:	Dewberry Engineers, Inc., Raleigh, NC
Original Engineering Fee:	\$ 500,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$ 500,000.00
SPSF Utilization:	0%
Description of Work:	2015-2017 Location & Surveys LSC
Firm:	CH Engineering, PLLC, Raleigh, NC
Original Engineering Fee:	\$1,500,000.00
Previous Supplemental Fee:	\$1,000,000.00
Supplemental Fee:	\$ 500,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2015-2017 Location & Surveys LSC
Firm:	Taylor, Wiseman & Taylor, Charlotte, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$ 500,000.00
SPSF Utilization:	0%
Description of Work:	2015-2017 Location & Surveys LSC
Firm:	AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC
Original Engineering Fee:	\$ 500,000.00
Previous Supplemental Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Transit

Rail

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to design the Multimodal Station Area Plan for Charlotte Gateway Station 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 10

Project:	44475FRA.1.1 (P-5705B) Mecklenburg County Charlotte Gateway Station – Rail (STI)
Scope of Work:	Multimodal Station Area Plan for Charlotte Gateway Station
Firm:	Parsons Brinckerhoff, Inc., Raleigh, NC
Maximum Engineering Fee:	\$250,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC \$25,000.00 10%

May 5, 2016

Chief Engineer

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

STATEWIDE

Description of Work:	2014-2016 CEI LSC
Firm:	ICA Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$10,000,000.00
Supplemental Fee:	\$ 5,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. \$250,000.00 5%
Description of Work:	2014-2016 CEI LSC
Firm:	The Louis Berger Group, Inc., Raleigh, NC
Original Engineering Fee:	\$10,000,000.00
Supplemental Fee:	\$ 5,000,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group, Inc. \$250,000.00 5%
Description of Work:	2014-2016 CEI LSC
Firm:	Calyx Engineers & Consultants, Raleigh, NC
Original Engineering Fee:	\$10,000,000.00
Supplemental Fee:	\$ 5,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2014-2016 CEI LSC
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee:	\$10,000,000.00
Previous Supplemental Fee:	\$ 5,000,000.00
Supplemental Fee:	\$ 5,000,000.00
SPSF Utilization:	F&ME Consultants, Inc. \$250,000.00 5%
DBE/WBE/SPSF Utilization:	OLH, Inc. \$250,000.00 5%
Description of Work:	2014-2016 CEI LSC
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Original Engineering Fee:	\$10,000,000.00
Previous Supplemental Fee:	\$ 5,000,000.00
Supplemental Fee:	\$ 5,000,000.00
SPSF Utilization:	0%

NCDOT May 2016 Board of Transportation Agenda

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

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No./ Road Name	Description	Amount
Halifax Div. 4	SR 1629 Old US 158	Widening. Increase Funds. WBS 37742	\$267,373.29
Granville Div. 5	SR 1407B Ruben Hart Road	Paving. Increase Funds. WBS 5C.039060	\$943,508.70
Wake Div. 5	Various	Paved Road Improvements. Increase Funds. WBS 5C.092140	\$1,661,572.52
Alleghany Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.003011	\$750,000.00
Surry Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.086021	\$436,721.50
Surry Div. 11	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 11C.086024	\$150,000.00
Yadkin Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.099013	\$17,963.51
Yadkin Div. 11	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 11C.099014	\$8,242.50
Buncombe Div. 13	SR 2120 Anderson Cove Road	GDB&P. Increase Funds. WBS 13C.011179	\$1,517.00

NCDOT May 2016 Board of Transportation Agenda

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

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

County	SR No./ Road Name	Description	Amount
Brunswick Div. 3	SR 1556 Hewett Road	GDB&P. Increase and Close. WBS 3C.010064	\$60,830.89
Brunswick Div. 3	SR 1354 Friendship Road	GDB&P. Increase and Close. WBS 3C.010073	\$64,807.31
Brunswick Div. 3	SR 1340 Camp Branch Road	Pavement Strengthening. Increase and Close. WBS 3C.010094	\$69,844.66
Brunswick Div. 3	SR 1133 Empire Road	Pavement Strengthening. Increase and Close. WBS 3C.010096	\$5,503.46
Brunswick Div. 3	SR 1128 Hewitt Road	Pavement Strengthening (Partial Funding). Increase and Close. WBS 3C.010097	\$4,214.29
Brunswick Div. 3	SR 1115 Stone Chimney Road	Milling and Patching. Increase and Close. WBS 3C.010099	\$2,826.85

Deletions

County	SR No.	Reason	Amount
Brunswick Div. 3	SR 1304 Pea Landing Road	Resurfacing. Funded By Another Source. WBS 3C.010100	-\$159,951.72
Brunswick Div. 3	Various	Countywide Surveys, Plans and Right of Way Signatures. Funded By Another Source. WBS 3C.010071	-\$69,365.31
Halifax Div. 4	NC 125	Construct Turn Lane. Unavailable Right of Way. WBS 40008	-\$267,373.29

May 2016 Item E Summary:

9	Projects to Increase Funds	Amount:	\$4,236,899.02
6	Projects to Increase and Close	Amount:	\$208,027.46
3	Projects to Delete	Amount:	-\$496,690.32

May 5, 2016

NCDOT May 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Currituck	51040	0.41	Shingle Landing Farm Subdivision Fox Lane	10/12/15
Currituck	51041	0.23	East point Estates Subdivision East Point Estates Road	2/4/16
Pasquotank	51042	0.16	River Forest Subdivision Inlet Drive	3/17/16
Division 3				
Onslow	51043	0.18 0.13	Camden Woods Subdivision Gillcrest Lane Mango Place South	1/27/16
Division 4				
Johnston	51044	0.23	Hannahs Creek Subdivision Chardonney Drive	3/3/16
Wayne	51045	0.19	Nahunta Pines Subdivision Nahunta Pines Drive	3/14/16
Wayne	51046	0.06	Cricket Ridge Subdivision Chris Street, SR 1162 Ext.	3/10/16
Division 6				
Harnett	51047	0.23 0.26	West Landing at the Summit Subdivision Copper Loop, SR 2521 Ext. Boulder Drive, SR 2520 Ext.	2/25/16
Harnett	51048	0.33	Stonecross Subdivision Cobblestone Drive	2/19/16
Harnett	51049	0.03	Mill Branch Subdivision Ballards Mill Court	2/17/16
Harnett	51050	0.18 0.23 0.14	Gatewest Subdivision Gatewest Drive Remington Hill Drive Mossburg Court	2/17/16
Harnett	51051	0.31 0.28 0.16 0.28	Coopers Creek Subdivision Coopers Creek Avenue Birch Avenue Shellbark Drive Laurel Drive	3/3/16

May 5, 2016

NCDOT May 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 6				
Harnett	51051		Coopers Creek Subdivision	3/3/16
		0.16	Ginseng Street	
		0.04	Nutmeg Circle	
		0.04	Golden Rod Circle	
Harnett	51052		Cokesbury Park Subdivision	2/26/16
		0.89	Cokesbury Park Lane	
Division 7				
Alamance	51053		Alamance Acres Subdivision	1/19/16
		0.31	Atlas Drive	
Alamance	51054		Sherwood Development	2/18/16
		0.17	Little John Lane, SR 1666 Ext.	
		0.22	Lockesley Lane	
		0.19	Finnsbury Drive	
		0.13	Doncaster Lane	
		0.13	Majesty Drive	
Guilford	51055		Ridgecrest Subdivision	3/11/16
		0.08	Phillips Farm Lane	
Orange	51056		Governors Grove Subdivision	2/25/16
		0.12	Governor Broughton Street	
		0.28	Governor Holt Street	
		0.16	Governor Sanford Street	
		0.25	Governor Martin Street	
		0.04	Governor Umstead Circle	
		0.49	Governor Hunt Street	
		0.06	Governor Cherry Circle	
		0.11	Governor Moore Street	
Division 9				
Davidson	51057		The Vineyard Subdivision	3/17/16
		0.09	Vintage Circle	
Davidson	51058		Copperfield Subdivision	3/18/16
		0.72	Copperfield Lane	
		0.16	Old Stone Crossing	
		0.16	Bridgewood Court	
		0.05	Edgemont Lane	
Division 10				
Cabarrus	51036	0.33	Bill McGee Road	3/9/16

May 5, 2016

NCDOT May 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 10				
Mecklenburg	51059		Preservation Pointe Subdivision	3/2/16
		0.07	Safe Port Lane	
		0.19	Hamilton Crossing Drive	
		0.39	Preservation Park Drive	
		0.19	Island Lake Drive	
		0.10	Sun Meadow Lane	
		0.24	Highworth Lane	
Union	51060		Highgate Subdivision	1/20/16
		0.12	Blossom Hill Drive, SR 3270 Ext.	
		0.11	Pearlstone Lane	
Union	51061		Woodcliff Subdivision	3/4/16
		0.16	Woodcliff Court	
Division 12				
Iredell	51062		Anniston Subdivision	1/21/15
		0.28	Burnell Place	

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Currituck	51063	0.07	Portion of SR 1405 Old US 158	3/28/16
Division 10				
Cabarrus	51063	0.37	SR 1182 Millbrook Road	2/26/16
Division 14				
Henderson	51064	0.80	Portion of SR 1136 Middleton Road	3/8/16

Summary: **Number of Roads Petitioned for Addition – 54**
Number of Roads Petitioned for Abandonment – 3

May 5, 2016

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

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

County	Description	Type	Amount
Div 1 Hertford	WBS 3601.3.11 was established (10/14) for sidewalk construction along SR 1415 (MLK Dr) from SR 1416 (Holloman Ave) to Malibu Dr	Small Construction	\$5,000.00
	Increase funds	TOTAL	\$5,000.00
Div 1 Hertford	WBS 3601.3.12 was established (10/14) for sidewalk construction along SR 1179 (Union St) from High St to Sewell St	Small Construction	\$5,000.00
	Increase funds	TOTAL	\$5,000.00
Div 1 Martin	Town of Williamston – WBS 3601.3.10 was established (10/14) for the sidewalk construction along SR 1445 (Main St) from Brownlow Ave to Martin Luther King Dr	Small Construction	\$5,000.00
	Increase funds	TOTAL	\$5,000.00
Div 1 Northampton	Town of Rich Square – Installation of new storm drainage culvert under NC-305 approximately 0.75 miles east of the intersection of NC-305 and US-258 at new outlet ditch provided by the Town WBS 44787	Small Construction	\$25,000.00
		TOTAL	\$25,000.00
Div 2 Carteret	Town of Morehead City – Widen pavement and install island on SR 1176 (201th St) at the intersection of SR 1177 (Country Club Rd) WBS 48120	Small Construction	\$25,000.00
		TOTAL	\$25,000.00
Div 2 Carteret	WBS 49018 was established (03/15) to grade, drain, and add base material to upgrade existing roadway (Utopia Dr) to acceptable state maintenance	Contingency	\$9,107.36
	Increase & close	TOTAL	\$9,107.36

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

County	Description	Type	Amount
Div 3 New Hanover	Replace 18" CMP with two 30" RCP and elevate roadway at mile post 1.42 on SR 1402 (Edgewater Club Rd) 0.36 miles south of SR 1491 WBS 44734	Contingency <hr/> TOTAL	\$765,000.00 <hr/> \$765,000.00
Div 3 Pender	Installation of multi-use path along SR 1563 (Sloop Point Rd) from SR 1565 (Country Club Rd) southeast for 0.50 mile; includes, but not limited to, construction of path, acquisition of ROW and/or easements, and relocation of utilities if needed Other funding: \$500,000 (Safe Routes; SR-5001CB); \$185,000 (Secondary Contract Resurfacing) WBS 44789	Small Construction <hr/> TOTAL	\$100,000.00 <hr/> \$100,000.00
Div 3 Sampson	City of Clinton – Install curb & gutter, sidewalk, curb ramps, driveway aprons, and convert drop inlet to catch basin at southwest corner of the intersection of SR 1855 (College St) and Eastover Ave (non-system) WBS 44790	Small Construction <hr/> TOTAL	\$27,000.00 <hr/> \$27,000.00
Div 6 Cumberland	WBS 44465 was established (06/15) to construct median islands on NC-24 (Bragg Blvd) from Odell Rd to McKenzie St; Safety funding has now been approved for project under W-5601FW Reduce funds & close WBS 50138.3.180 was established (03/16) to construct median islands on NC-24 (Bragg Blvd) from Odell Rd to McKenzie St via W- 5601FW Transfer from WBS 44465 <i>\$10k reverts back to Program funds</i>	Small Construction Small Construction <hr/> TOTAL	(\$60,000.00) \$50,000.00 <hr/> (\$10,000.00)

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

County	Description	Type	Amount
Div 6 Columbus	Construct a timber pedestrian bridge just upstream of the dam of Lake Waccamaw WBS 45857	Contingency TOTAL	\$300,000.00 \$300,000.00
Div 6 Cumberland	Town of Eastover – Construct round-about at the intersection of SR 1831 (Baywood Rd) and SR 1832 (Murphy Rd); Companion funds to W-5601FO WBS 50138.3.172	Small Construction TOTAL	\$154,310.32 \$154,310.32
Div 9 Forsyth	City of Winston-Salem – Pedestrian improvements on Cloverdale Ave and Miller St WBS 44610	Contingency TOTAL	\$750,000.00 \$750,000.00
Div 9 Rowan	City of Salisbury – Drainage improvements on US-29 (N Main St) between Henderson St and Steel St WBS 44791	Small Construction TOTAL	\$110,000.00 \$110,000.00
Div 10 Union	Town of Fairview – Modify intersection to accommodate a left turn lane on US-601; work to include widening, overlay, and pavement markings WBS 44794	Contingency TOTAL	\$185,000.00 \$185,000.00
Div 13 Madison	Town of Mars Hill – WBS 44472 was established (06/15) to install 365 feet of sidewalk along NC-213 (Cascade St) from Athletic St to pedestrian bridge adjacent to the university track and football field complex Increase funds	Small Construction TOTAL	\$21,000.00 \$21,000.00
Div 14 Haywood	Town of Clyde – Install RED Signal Ahead signs on US-19/23 at Nelson St WBS 44779	Small Construction TOTAL	\$15,000.00 \$15,000.00

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

County	Description	Type	Amount
Div 14 Haywood	Town of Waynesville – Install audible pedestrian signal at US-276 at Branner Ave / Boundary St WBS 44781	Small Construction TOTAL	\$25,000.00 \$25,000.00
Div 14 Henderson	WBS 44236 was established (06/14) to Grade, drain, widen, and pave 0.2 miles of Summerwind Dr in Etowah Increase funds	Public Access Contingency TOTAL	\$19,000.00 \$110,000.00 \$129,000.00
Div 14 Henderson	Install actuated flasher at SR 1569 (Hooper's Creek Rd) and SR 1565 (Terry's Gap Rd) WBS 44777	Small Construction TOTAL	\$30,000.00 \$30,000.00
Div 14 Henderson	Install actuated flasher at US-64 (Brevard Rd) and SR 1213 (Old Homestead Rd) WBS 44778	Small Construction TOTAL	\$30,000.00 \$30,000.00
Div 14 Jackson	Install a Rectangular Rapid Flashing Beacon on SR 1169 (Central Dr) near Hunter Library and Breese Gymnasium on WCU campus WBS 44784	Small Construction TOTAL	\$12,000.00 \$12,000.00
Div 14 Jackson	Town of Sylva – Install pedestrian signals at US-23 Business and SR 1135 (Savannah Dr) WBS 44785	Small Construction TOTAL	\$20,000.00 \$20,000.00
Div 14 Macon	Town of Franklin – Modify drainage on SR 1442 (West Palmer St) WBS 44780	Small Construction TOTAL	\$100,000.00 \$100,000.00
Div 14 Swain	Town of Bryson City – Install pedestrian signals and modify median to provide a pedestrian refuge at US-19 and Slope St WBS 44786	Small Construction TOTAL	\$108,000.00 \$108,000.00

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

Summary:	Number of Projects	25
	Number of Divisions	8
	Small Construction Commitment	\$807,310.32
	Public Access Commitment	\$19,000.00
	Contingency Commitment	\$2,119,107.36
	Economic Development	\$0.00
	TOTAL	\$2,945,417.68

Highway Division #	5307 - State Match Program	Estimated Project Cost
	16-LF-XXX Cape Fear Public Transportation (Wave Transit) will use funds to replace two (2) 28' LTV's that are being used for a shuttle program in an urbanized area. The period of performance is 10/01/2015-9/30/2017.	Capital \$22,588 Total \$0 Federal \$22,588 State \$0 Local
3		
	17-95-X085 Piedmont Authority for Regional Transportation (PART) will use funds to replace vehicles that service an urbanized area. The period of performance is 10/01/2015-9/30/2017. (5307)	Capital \$40,580 Total \$0 Federal \$40,580 State \$0 Local
7		
	17-90-X572 City of Rocky Mount (Tar River Transit) will use funds to replace their 30' vehicles that have met useful life. The period of performance is 7/26/215-6/30/2020. (5307)	Capital \$270,000 Total \$0 Federal \$270,000 State \$0 Local
4		
	17-90-X562 City of Rocky Mount (Tar River Transit) will use funds to replace one (1) 30' bus that have met useful life. The period of performance is 7/31/2014-6/30/2020. (5307)	Capital \$40,000 Total \$0 Federal \$40,000 State \$0 Local
4		
	16-95-X071 City of Greensboro (Greensboro Transit Authority) will use funds to replace one (1) 35' diesel bus with a 40' diesel bus. The period of performance is 9/01/2014 - 6/30/2016. (5307)	Capital \$40,373 Total \$0 Federal \$40,373 State \$0 Local
7		
	17-95-X073 City of Greensboro (Greensboro Transit Authority) will use funds to replace four (4) 35' diesel buses with four (4) 40' diesel buses. The period of performance is 10/08/2014 -6/30/2020. (5307)	Capital \$133,247 Total \$0 Federal \$133,247 State \$0 Local
7		

3	16-90-X527 City of Jacksonville (Jacksonville Transit) will use funds to replace two (2) 30' LTVs. The period of performance is 7/1/2012-6/30/2016. (5307)	Capital \$23,400 Total \$0 Federal \$23,400 State \$0 Local
7	17-90-X573 City of High Point (City of High Point Transit System) will use funds to purchase fourteen (14) 35' buses to replace fixed route vehicles that have met useful life. The period of performance is 7/1/2015-6/30/2017. (5307)	Capital \$700,000 Total \$0 Federal \$700,000 State \$0 Local
7	17-34-0006 Town of Chapel Hill (Chapel Hill Transit) will use funds to replace three (3) vehicles that has met useful life. The period of performance is 7/1/2013-6/30/2017.	Capital \$18,167 Total \$0 Federal \$18,167 State \$0 Local
5	17-16-X013 Research Triangle Regional Public Transportation Authority (Go Triangle) will use funds to replace two (2) replacement vehicles and related equipment for their paratransit service. The period of performance is 12/31/2015 -11/30/2017. (5310)	Capital \$16,000 Total \$0 Federal \$16,000 State \$0 Local
2	17-34-XXXX Craven County (CARTS) will use funds to replace 5311 30' buses with 5339 vehicles for urban service. The period of performance is 7/1/2016-6/30/2020. (5339)	Capital \$12,180 Total \$0 Federal \$12,180 State \$0 Local
6	16-90-X567 City of Fayetteville (FAST) will use funds for their multi-modal facility project including the construction of a bus terminal. The period of performance is 7/1/2014-6/30/2016. (5307)	Capital \$100,000 Total \$0 Federal \$100,000 State \$0 Local
6	17-90-X567 City of Fayetteville (FAST) will use funds for their multi-modal facility project including the construction of a bus terminal. The period of performance is 7/1/2014-5/31/2016. (5307)	Capital \$113,125 Total \$0 Federal \$113,125 State \$0 Local

10	17-90-X499 City of Charlotte (Charlotte Area Transit System) will use funds to purchase fourteen (14) Replacement Vans (Vanpool Program), six (6) Replacement STS Accessible Mini-Vans, thirty-five (35) Replacement FT Buses, nine (9) Replacement <30FT STS Buses. The period of performance is 7/1/2011-6/30/2017. (5307)	Capital	
		\$812,773	Total
		\$0	Federal
		\$812,773	State
		\$0	Local
10	17-90-X531 City of Charlotte (Charlotte Area Transit System) will use funds to replace twelve (12) Vans (Vanpool Program), Twenty-Seven (27) 40FT Buses, nineteen (19) <30FT STS Buses, and two (2) Replacement STS Accessible Vans.t. The period of performance is 6/30/2012-2/14/2017. (5307)	Capital	
		\$557,531	Total
		\$0	Federal
		\$557,531	State
		\$0	Local
10	17-90-X541 City of Charlotte (Charlotte Area Transit System) will use funds for the FY2013 Urbanized Formula based on the FY2013 Urbanized Formula Apportionment. The following were covered in the FTA Grant Application: Twelve (12) Replacement Vans (Vanpool Program), Twenty-Nine (29) Replacement <30FT Buses, and Twenty-Five (25) Replacement 40Ft Buses. The period of performance is 7/1/2013-6/30/2017. (5307)	Capital	
		\$381,740	Total
		\$0	Federal
		\$381,740	State
		\$0	Local
10	17-90-X569 City of Charlotte (Charlotte Area Transit System) will use funds to replace vehicles Four (4) 30' busses, one (1) 40' bus, and nine (9) <30' busses. The period of performance is 7/1/2014-6/30/2017. (5307)	Capital	
		\$319,764	Total
		\$0	Federal
		\$319,764	State
		\$0	Local
9	17-XX-XXXX City of Winston-Salem (Winston-Salem Transit Authority) will use funds to purchase twelve (12) small, low-floor, light duty gasoline engine, expansion buses for ADA para-transit services. FY13 funds will lapse 9/30/2016. (5339)	Capital	
		\$106,765	Total
		\$0	Federal
		\$106,765	State
		\$0	Local

5310 Elderly and Disabled

14	17-ED-001 Jackson County will use capital funds for baseline technology. This technology is used for the mobility manager position as well as general transit operations.	Capital	
		\$2,513	Total
		\$2,010	Federal
		\$251	State
		\$252	Local

14	17-ED-021 Eastern Band of Cherokee Indians will use mobility funds to improve and coordinate transportation service. The mobility manager will coordinate transportation services in multiple counties.	Mobility	
		\$75,470	Total
9, 10, 12	17-ED-912B Centralina Council of Governments will use the funds to manage the Volunteer Transportation Services (or VTS) to fill the transportation gap for adults with permanent or temporary disabilities, veterans, and individuals 50 and over, in order to enhance quality of life by providing access to daily life activities.	\$60,376	Federal
		\$7,547	State
		\$7,547	Local
12	5316 - JARC (Job Access Reverse Commute) 17-JA-024 Iredell County will use the funds to target low income residents of the county who are in need of employment transportation. The transit system has identified a specific need for employment transportation between the hours of 5:00 a.m. and 8:00 a.m. and 5:00 p.m. and 11:00 p.m., and the intent of this project is to continue this service without disruption beyond June 30, 2016 when their grant expires. The service also proposes to expand availability in order to accommodate persons on waiting lists who are in need of service.	Capital	
		\$160,000	Total
		\$128,000	Federal
		\$16,000	State
12	5317 - New Freedom 17-NF-XXX Ferry Division will use the funds to purchase and install Visuals Paging Systems on board five class ferry vessels (4 of the Sound Class ferries and 1 of the River Class ferry). This technology will provide an instantaneous notification of general and emergency announcements to the passengers. The Ferry Division will provide improvements to address the transportation needs of persons with disabilities that go beyond those required by the Americans with Disabilities Act (ADA). In addition, the installation of this equipment will adhere to the federal requirement of 39.53 and 39.89 of Rule 49 CFR.	Operating	
		\$200,000	Total
		\$100,000	Federal
		\$0	State
2		\$100,000	Local
		Capital	
		\$66,850	Total
		\$53,480	Federal
		\$13,370	State
		\$0	Local

Item I - 1, 23 Projects, Total Federal/State Funds \$ 4,089,267

ADDITIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TO-5212	Piedmont Authority for Regional Transportation – High Point Urban Area	Operating	5307	CMAQ		459					
			Local	L		115					
TA-5197A	Piedmont Authority for Regional Transportation – High Point Urban Area	Bus Replacement	5307	CMAQ		380					
			Local	L		95					
TD-4721	Cape Fear Transportation Authority	Intermodal Facility – Land, Planning, Design, and Construction	5307	STPDA	2,400						
			Local	L	600						
TG-4952	Jacksonville Transit	Routine Capital – Cost of Contracting	FUZ	5307	62	63	66	67	70	71	74
			Local	L	15	16	16	17	17	18	18
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	76	78	80				
			Local	L	19	20	20				
TO-5214	North Carolina Department of Transportation	Operating Funding for Alamance County Transportation	FUZ	5307	321						
			Local	L	321						
TA-5128A	Rider Transit - Concord	5310 Program Projects - Capital	FEPD	5310	300	300	400	400	500	500	500
			Local	L	75	75	100	100	125	125	125
		CONTINUED			FY23						
			FEPD	5310	500						
			Local	L	125						
TA-5128B	Rider Transit - Concord	5310 Program Projects - Operating	FEPD	5310	135	135	180	180	225	225	225
			Local	L	135	135	180	180	225	225	225
		CONTINUED			FY23						
			FEPD	5310	225						
			Local	L	225						
TA-5128C	Rider Transit - Concord	Administration of 5310 Program	FEPD	5310	30	30	40	40	50	50	50
		CONTINUED			FY23						
			FEPD	5310	50						

TA-5130A	Rider Transit - Concord	5339 Bus & Bus Facilities – Replacement Vehicles	FBUS	5339	300	300	350	350	400	400	400
			Local	L	75	75	88	88	100	100	100
		CONTINUED			FY23						
			FBUS	5339	400						
			Local	L	100						
TA-5130B	Rider Transit - Concord	5339 Bus & Bus Facilities – Expansion Vehicles	FBUS	5339	300	300	350	350	400	400	400
			Local	L	75	75	88	88	100	100	100
		CONTINUED			FY23						
			FBUS	5339	400						
			Local	L	100						
TA-5131	North Carolina Department of Transportation – Chatham Transit Network	Purchase of Three Expansion Vehicles for CMAQ Project	5311	CMAQ	180						
			Local	L	45						
TO-5213	North Carolina Department of Transportation – Chatham Transit Network	Operating Assistance for CMAQ Project	5311	CMAQ	250						
			Local	L	63						

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5170	High Point Transit System – Hi Tran	Purchase Replacement Buses	5307	CMAQ		400					
			Local	L		100					
TG-5103B	Rider Transit - Concord	Routine Capital – ADA Services	FUZ	5307	200	200	250	250	300	300	300
			Local	L	50	50	63	63	75	75	75
		CONTINUED			FY 23						
			FUZ	5307	350						
			Local	L	88						
TG-5103C	Rider Transit - Concord	Preventive Maintenance	FUZ	5307	1,000	1,000	1,200	1,200	1,200	1,400	1,400
			Local	L	200	200	300	300	300	350	350
		CONTINUED			FY 23						
			FUZ	5307	1,400						
			Local	L	350						
TA-5125	Rider Transit - Concord	Expansion Bus	FUZ	5307		1,170					
			Local	L		239					

TP-5118	Rider Transit – Concord	Planning Assistance – Cabarrus-Rowan	FMPL	5303	60	60	60	60	60	60	60
			State	S	8	8	8	8	8	8	8
			Local	L	8	8	8	8	8	8	8
		CONTINUED			FY 23						
			FMPL	5303	60						
			State	S	8						
			Local	L	8						
TA-4943	Jacksonville Transit	Expansion Bus – Fixed Route	FUZ	5307		91	93	94	97	98	101
			Local	L		23	23	24	24	25	25
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	102	105	106				
			Local	L	26	26	27				
TA-4944	Jacksonville Transit	Replacement Bus – Fixed Route	FUZ	5307	178	182	186	190	193	295	302
			Local	L	45	45	46	47	48	74	75
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	307	314	320				
			Local	L	77	78	80				
TD-4904	Jacksonville Transit	Facility – Transit Center-Downtown	FUZ	5307	3,849						
			State	S	755						
			Local	L	1,520						
TD-4905	Jacksonville Transit	Facility – Park and Ride	FUZ	5307	750						
			Local	L	188						
TG-5225	Jacksonville Transit	Routine Capital – Bus Stop Shelters, benches, shop equipment, spare parts, engines, service vehicles, etc.	FUZ	5307	12	12	13	13	14	14	14
			Local	L	3	3	3	3	3	3	4
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	14	15	16				
			Local	L	4	4	4				
TG-5109	Jacksonville Transit	Preventive Maintenance – fixed route	FUZ	5307	168	173	178	183	189	194	201
			Local	L	42	43	45	46	47	49	50
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	206	213	219				
			Local	L	52	53	55				
TO-4923	Jacksonville Transit	Operating Assistance	FUZ	5307	430	439	448	457	466	475	484
			State	SMAP	142	137	132	127	122	118	113
			Local	L	288	302	316	330	344	357	371
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	494	504	514				
			State	SMAP	109	105	101				

			Local	L	385	399	413				
TP-4908	Jacksonville Transit	Planning Assistance - 5307	FUZ	5307	62	64	66	66	67	70	72
			State	S	8	8	8	8	8	9	9
			Local	L	8	8	8	8	8	9	9
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	74	76	78				
			State	S	9	10	10				
			Local	L	9	10	10				
TP-5102	Jacksonville Transit	Planning Assistance - 5303	FMPL	5303	28	28	28	29	29	30	30
			State	S	4	4	4	5	5	5	5
			Local	L	4	4	4	5	5	5	5
		CONTINUED			FY23	FY24	FY25				
			FMPL	5303	31	31	32				
			State	S	5	6	6				
			Local	L	5	6	6				
TG-5225C	Jacksonville Transit	Mobility Management	FUZ	5307	53	54	56	58	59	62	63
			Local	L	13	14	14	14	15	15	16
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	65	67	69				
			Local	L	16	17	17				
TT-4907	Jacksonville Transit	Technology - Vehicle Tracking, Fare Collection, Passenger Information, Data Communications, Traffic Signal Priority	FUZ	5307	36	80	80	80	80	80	80
			Local	L	9	20	20	20	20	20	20
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	80	80	80				
			Local	L	20	20	20				
TA-4726A	Chapel Hill Transit	3 Replacement Buses	5307	STPDA	973						
			Local	L	199						

ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TO-5137A	Charlotte Area Transit System	Operating Assistance – LYNX Blue Line Startup Operational Support – CMAQ Application #MU11A	5307	CMAQ			3,511	3,511			
			Local	L			11,289	11,289			
TG-5261	Western Piedmont Regional Transportation Authority	Preventive Maintenance	5307	STPDA		270					

			Local	L		68					
TD-4912	Capital Area Transit System	New Hope Road in Raleigh. Construct Transfer Facility - Division	FUZ	5307	704						
			State	T	88						
			Local	L	88						
TQ-9038	North Carolina Department of Transportation	5310 Capital Projects for Rural Areas	FEPD	5310		2,582					
			State	S		323					
			Local	L		323					
TQ-9039	North Carolina Department of Transportation	5310 Mobility Management Projects for Rural Areas	FEPD	5310		525					
			State	S		66					
			Local	L		66					
TQ-6954	North Carolina Department of Transportation	5310 Operating Projects for Rural Areas	FEPD	5310		2,104					
			Local	L		2,104					
TV-4902	North Carolina Department of Transportation	State Administration – Elderly and Disabled Persons (5310)	FEPD	5310		521					

Item I-1A, 36 Projects, Total Federal/State funds \$64,184,000

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

Town/County Division	Project Description	Estimated Cost
Division 7 Guilford County	A 30-year lease on the Depot in Greensboro was approved by the Board on June 6, 2006. As stated within the lease, negotiations will take place every five (5) years from the Commencement Date in order to adjust the lease rate. Considering fair market value and that the City's costs for maintaining the Depot have increased over the past five years, the Rail Division is recommending a lease rate of \$10.19 per square foot. This would result in an annual lease payment of \$178,426.90; an increase of \$47,101.90 over the previous \$131,325.00 annual payment. The new rate is retroactive to October 1, 2015, and would continue through September 30, 2020.	\$178,426.90
Division 7 Orange County	The Rail Division requests the reallocation of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from inactive Norfolk Southern (NS) projects at Hanson Aggregate, Lehigh Cement and Sanderson Farms to the closure of Gordon Thomas Drive (Crossing No. 735 199Y, MP H 48.49); Greenbriar Drive (Crossing No. 735 197K, MP H 47.74); Byrdsville Drive (Crossing No. 735 189T, MP H 43.89) and Partins Trailer Park (Crossing No. 735 160V, MP H 41.82) near Hillsborough, due to the costs for the construction of alternate access. The department will be responsible for the design and construction of the project. NS will be responsible for the construction of the project within their operating right-of-way. The total estimated additional cost to the Department is \$750,000. The total estimated cost of the project has been revised from \$1,300,000 to \$2,050,000.	\$750,000

ITEM I-2 SUMMARY – 1 PROJECT(S) – (TOTAL FEDERAL AND STATE) \$928,426.90

NCDOT May 2016 Board of Transportation Agenda

Bike & Pedestrian Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the May 5, 2016 Board of Transportation meeting.

ITEM I-3 SUMMARY – NO PROJECTS

NCDOT May 2016 Board of Transportation Agenda

Aviation Division

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the May 5, 2016 Board of Transportation meeting.

ITEM I-4 SUMMARY – NO PROJECTS

NCDOT May 2016 Board of Transportation Agenda
Approval of Specific State Funds for Construction Projects
(For projects previously identified as Specific State Funds for Construction projects
Now being funded under Strategic Transportation Investments)

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Brunswick Co. Div. 3 R-3432 DIVISION	WBS 35501.2.1 SR 1163 (Old Georgetown Road Extension) from SR 1184 (Ocean Isle Beach Road) to NC 179. \$3,779,566.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$130,000.00
ITEM J SUMMARY	1 PROJECT	\$130,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Carteret Co. Div. 2 AV-5746 DIVISION	WBS 46340.3.1 Michael J. Smith Field (MRH), Full parallel taxiway 8-26. \$2,297,550.00 has previously been approved for construction. Additional funds are requested.	\$546,400.00
Brunswick Co. Div. 3 AV-5742 DIVISION	WBS 46336.1.1 Odell Williamson Municipal Airport (60J), Runway Protection Zone 2 - Runway 24 land acquisition. Initial funds are requested for preliminary engineering.	\$69,370.00
Brunswick Co. Div. 3 U-5862 REGIONAL	WBS 46387.1.1 US 17 (Shallotte Bypass) at SR 1357 (Smith Avenue). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Brunswick Co. Div. 3 U-5914 DIVISION	WBS 44647.1.1 NC 133 from US 17/74/76 to SR 1554 (Old River Road). Initial funds are requested for preliminary engineering.	\$750,000.00
Brunswick Co. Div. 3 U-5920 DIVISION	WBS 44687.1.1 New route from US 17 Business (North Main Street) to SR 1349 (Bridgers Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Hanover Co. Div. 3 U-5880 STATEWIDE	WBS 44646.1.1 US 74 (Martin Luther King Jr. Boulevard) at US 17 Business (Market Street). Initial funds are requested for preliminary engineering.	\$1,000,000.00
New Hanover Co. Div. 3 U-5926 DIVISION	WBS 46873.1.1 New route from SR 1302 (23rd Street) to 26th Street. Initial funds are requested for preliminary engineering.	\$750,000.00
Onslow Co. Div. 3 U-5878 DIVISION	WBS 44694.1.1 Commerce Drive, from Commerce Drive to SR 1406 (Piney Green Road). Initial funds are requested for preliminary engineering.	\$750,000.00
Onslow Co. Div. 3 U-5903 DIVISION	WBS 44684.1.1 SR 1336 (Henderson Drive) from SR 1308 (Gum Branch Road) to NC 53 (Western Boulevard). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Onslow Co. Div. 3 U-5913 DIVISION	WBS 44685.1.1 SR 1336 (Henderson Drive) from NC 53 (Western Boulevard) to US 17 Bypass Extension (Jacksonville Parkway). Initial funds are requested for preliminary engineering.	\$1,000,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Onslow Co. Div. 3 U-5915 DIVISION	WBS 44686.1.1 NC 111 (Catherine Lake Road) from US 258 (Richlands Highway) to SR 1221 (Fowler Manning Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Halifax Co. Div. 4 U-5725 REGIONAL	WBS 50162.1.1 NC 125 from I-95 to Old Farm Road. Initial funds are requested for preliminary engineering.	\$700,000.00
Smithfield/ Johnston Co. Div. 4 U-3334B DIVISION	WBS 34929.1.4 SR 1923 (Booker Dairy Road Extension) from SR 1003 (Buffalo Road) to US 301 (Brightleaf Boulevard). Initial funds are requested for preliminary engineering.	\$700,000.00
Smithfield/ Johnston Co. Div. 4 U-3334B DIVISION	WBS 34929.2.5 SR 1923 (Booker Dairy Road Extension) from SR 1003 (Buffalo Road) to US 301 (Brightleaf Boulevard). Initial funds are requested for full right of way.	\$4,090,000.00
Goldsboro/ Wayne Co. Div. 4 U-4753 DIVISION	WBS 39927.1.1 SR 1556 (Wayne Memorial Drive) from SR 1003 (New Hope Road) to proposed US 70 Bypass. Initial funds are requested for preliminary engineering.	\$700,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Durham Co. Div. 5 U-4716BA DIVISION	WBS 39080.1.2 Traffic signal at Keyston and Hopson Road. Initial funds are requested for preliminary engineering.	\$10,000.00
Granville Co. Div. 5 U-5829 DIVISION	WBS 44402.1.1 26th Street from northwest of SR 1107 (Wilkins Road) to SR 1104 (East Lyon Station Road) in Butner. Initial funds are requested for preliminary engineering.	\$700,000.00
Robeson Co. Div. 6 P-4900B STATEWIDE	WBS 41099.3.3 Railroad Bypass of Pembroke to allow North to South shipments to turn East. Realign SR 1571 (Jones Road) to accommodate railroad track realignment. Initial funds are requested for construction. This is a Strategic Transportation Investments Transition project.	\$805,125.00
Robeson Co. Div. 6 U-5797 DIVISION	WBS 44367.1.1 SR 1997 (Fayetteville Road) from Farrington Street to East 22nd Street. Initial funds are requested for preliminary engineering.	\$700,000.00
Robeson Co. Div. 6 U-5925 DIVISION	WBS 46874.1.1 SR 1340 (North Odum Street/Prospect Street) from SR 1566 (Corinth Street) to NC 711 (Third Street). Initial funds are requested for preliminary engineering.	\$400,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Randolph Co. Div. 8 U-5759 REGIONAL	WBS 50173.3.1 NC 159 (Zoo Parkway) at US 64 (Dixie Drive)/Atlantic Avenue in Asheboro. Initial funds are requested for construction.	\$110,000.00
Davie Co. Div. 9 R-5736 DIVISION	WBS 50194.1.1 US 601 from SR 1345 (Blaise Church Road) to SR 1408 (Cana Road). Initial funds are requested for preliminary engineering.	\$700,000.00
Henderson Co. Div. 14 R-5744 DIVISION	WBS 50201.1.1 Balfour Parkway from NC 191 (Brevard Road) to US 64. Initial funds are requested for preliminary engineering.	\$1,000,000.00
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). \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$135,000.00
Transylvania Co. Div. 14 R-5605 DIVISION	WBS 43587.1.1 Davidson River Village Connector from US 64/US 276 to US 64, City of Brevard. \$135,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$130,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$1,805,125.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	3 PROJECTS	\$1,810,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	20 PROJECTS	\$16,130,770.00
STRATEGIC TRANSPORTATION INVESTMENTS	25 PROJECTS	\$19,745,895.00

May 5, 2016

K-6

**NCDOT May 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Intrastate System
(For projects previously identified as Intrastate Trust Fund projects)**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Guilford/ Rockingham Cos. Div. 7 R-2413 STATEWIDE	WBS 34429.1.1 NC 68 Connector - from SR 2133 (Pleasant Ridge Road) to US 220 - NC 68. \$12,440,001.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$120,000.00
TRUST FUND INTRASTATE SUMMARY	1 PROJECT	\$120,000.00

May 5, 2016

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.1.5 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). \$590,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
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). \$12,532,824.00 has previously been approved for specific parcels. Funds are requested for full right of way and utilities.	\$13,000,000.00
Winston- Salem/ Forsyth Co. Div. 9 U-2579 STATEWIDE	WBS 34839.1.1 The Winston-Salem Northern Beltway (Eastern Section) from US 52 to US 311. \$18,538,564.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$650,000.00
TRUST FUND URBAN LOOP	3 PROJECTS	\$14,150,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	25 PROJECTS	\$19,745,895.00
TRUST FUND INTRASTATE SUMMARY	1 PROJECT	\$120,000.00
TRUST FUND URBAN LOOP	3 PROJECTS	\$14,150,000.00
SUMMARY OF FUNDS	29 PROJECTS	\$34,015,895.00

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

May 5, 2016

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

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Currituck Co. Div. 1 SS-4901W	WBS 42999.2.1 SR 1227 (South Mills Road) west of SR 1313. \$41,647.93 in right of way and utilities funds has previously been approved for curve revisions. Additional funds are needed due to an increase in right of way and utilities costs. File 01-08-204-4	\$7,252.00
Wilmington/ New Hanover Co. Div. 3 SS-4903BM	WBS 44140.3.1 US 17 Business (Market Street) at 5th Street. \$20,734.00 in construction funds has previously been approved for traffic signal revisions. Additional funds are needed due to an increase in construction costs. File 03-13-24244-1	\$11,393.00
Wilmington/ New Hanover Co. Div. 3 SS-4903BU	WBS 44440.2.1 US 76 (Wooster Street) at SR 2817 (17th Street) in Wilmington. \$1,350.00 in right of way and utilities funds has previously been approved for sight distance improvements. Additional funds are needed due to an increase in right of way and utilities costs. File 03-13-29062-1	\$1,015.00
Roanoke Rapids/ Halifax Co. Div. 4 SS-4904CY	WBS 44186.3.1 NC 125 (East 10th Street) at Park Avenue. \$17,295.92 in construction funds has previously been approved for traffic signal and pavement marking revisions. Additional funds are needed due to an increase in construction costs. File 04-13-27281-1	\$3,618.00
Wake Co. Div. 5 SS-4905BU	WBS 43784.3.1 SR 2320 (Riley Hill Road) east of Chad Road. \$284,000.00 in construction funds has previously been approved for curve improvements. Additional funds are needed due to an increase in construction costs. File 05-12-9840-1	\$18,086.00

May 5, 2016

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

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Harnett Co. Div. 6 SS-4906CB	WBS 44268.2.1 SR 1209 (Barbeque Church Road) curve and bridge 420048, approximately 0.3 mile north of NC 27. \$1,600.00 in right of way and utilities funds has previously been approved for guardrail revisions, shoulder widening, and resurfacing. Additional funds are needed due to an increase in right of way and utilities costs. File 06-14-29263-1	\$3,549.00
Thomasville/ Davidson Co. Div. 9 SS-4909BD	WBS 44148.3.1 SR 2183 (Fisher Ferry Road) at SR 2184 (Cedar Lodge Road). \$160,886.56 in construction funds has previously been approved for intersection realignment and turn lane construction. Additional funds are needed due to an increase in construction costs. File 09-13-395-1	\$12,929.00
Caldwell Co. Div. 11 SS-4911AG	WBS 44455.3.1 SR 1002 (Dudley Shoals Road) at SR 1734 (Morris Creek Road)/SR 1741 (Charlie Little Road). \$22,500.00 in construction funds has previously been approved for signing and flasher improvements. Additional funds are needed due to an increase in construction costs. File 11-15-202-1	\$4,689.00
Hickory/ Catawba Co. Div. 12 SS-4912BK	WBS 44457.3.1 NC 127 at SR 1314 (3rd Avenue NE). \$18,000.00 in construction funds has previously been approved for traffic signal revisions. Additional funds are needed due to an increase in construction costs. File 12-15-203-1	\$5,532.00
Gaston Co. Div. 12 SS-4912BF	WBS 44277.3.1 SR 1002 (Bud Black Road) at Bridge #350108. \$16,000.000 in construction funds has previously been approved for bridge approach guardrail installation. Additional funds are needed due to an increase in construction costs. File 12-14-201-1	\$1,704.00

May 5, 2016

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

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 SS-4913BC	WBS 43622.3.1 SR 3136 (Cane Creek Road) from SR 3142 to SR 3354. \$16,000.00 in construction funds has previously been approved for shoulder and ditch improvements. Additional funds are needed due to an increase in construction costs. File 13-12-207-1	\$2,535.00
Cherokee Co. Div. 14 SS-4914BV	WBS 44282.3.1 US 64A/SR 1687 from US 64 to SR 1531 near Murphy. \$40,000.00 in construction funds has previously been approved for installation of centerline rumble strips with long life pavement markings. Additional funds are needed due to an increase in construction costs. File 14-14-204-1	\$10,513.00
ITEM L SUMMARY	12 PROJECTS	\$82,815.00

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

Division 1

Ferry Boat Development

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Dare Co. F-5700 DIVISION	52016.1.1, FF-0012(064) NC 12 - Construct River Class Ferry. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

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

Division 2

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Carteret Co.	54029.1.1, NHP-0070(198)	\$700,000.00	Cost
U-5740	US 70 (Arendell Street) from Morehead City to Beaufort	\$560,000.00	Fed.
REGIONAL	Causeway. Funds are needed for preliminary engineering.	\$140,000.00	State

Safety

Craven Co.	50138.1.148, HSIP-1309(014)	\$4,500.00	Cost
W-5601EQ	SR 1309 (Glenburnie Road) at Elizabeth Avenue. \$500.00 has	\$4,050.00	Fed.
DIVISION	previously been approved for preliminary engineering.	\$450.00	State
	Additional funds are needed based on the latest estimate.		
Divisionwide	50138.3.174, HSIP-000S(842)	\$500,000.00	Cost
W-5601FQ	20 sections in various locations. Construction funds are needed	\$450,000.00	Fed.
STATEWIDE	for pavement marking improvements.	\$50,000.00	State

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

Division 3

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
New Hanover Co. R-4436CG REGIONAL	34625.2.59, STP-0132(010) NC 132 (College Road) at the crossing of Hewlett's Creek. Funds are needed for construction of two filtration basins to improve water quality.	\$55,000.00 \$44,000.00 \$11,000.00	Cost Fed. State

Urban

New Hanover Co. U-5731 STATEWIDE	54022.1.1, NHP-0074(190) US 74 at US 17 / US 421, construct a fly-over and free flow ramp at interchange. Funds are needed for preliminary engineering.	\$700,000.00 \$560,000.00 \$140,000.00	Cost Fed. State
---	--	--	-----------------------

Safety

Brunswick Co. W-5203I DIVISION	45333.2.9, HSIP-1130(012) SR 1130 from US 17 to NC 130 near Shallotte and Holden Beach. Funds are needed for full right of way.	\$320,000.00 \$288,000.00 \$32,000.00	Cost Fed. State
Brunswick Co. W-5601GA STATEWIDE	50138.1.184, HSIP-0017(158) US 17 and SR 1165 (Thomasboro Road) / SR 1304 (Pea Landing Road). Funds are needed for preliminary engineering.	\$195,000.00 \$175,500.00 \$19,500.00	Cost Fed. State

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

Division 3 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Duplin Co. W-5601GB REGIONAL	50138.1.185, HSIP-0117(037) US 117 Connector at NC 50. Funds are needed for preliminary engineering.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State
Onslow Co. W-5601GK DIVISION	50138.1.194, HSIP-1413(017) SR 1413 (Rocky Run Road). Funds are needed for preliminary engineering.	\$87,500.00 \$78,750.00 \$8,750.00	Cost Fed. State

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

Division 4

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Halifax Co. B-4761 REGIONAL	38533.1.1, BRSTP-0561(018) Replace Bridge #29 over Little Fishing Creek on NC 561. \$450,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Johnston Co. B-4770 DIVISION	38542.1.1, BRZ-1185(002) Replace Bridge #32 over Hannah Creek on SR 1185. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
Wilson Co. B-5313 DIVISION	46027.1.1, BRZ-1002(040) Replace Bridge #109 over Town Creek on SR 1002. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$210,000.00 Cost \$168,000.00 Fed. \$42,000.00 State

Safety

Johnston Co. W-5204B DIVISION	45334.3.FD2, HSIP-1700(014) SR 1700 (Covered Bridge Road) from SR 1709 (City Road) to SR 1768 (Smith Drive). \$650,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$275,000.00 Cost \$247,500.00 Fed. \$27,500.00 State
-------------------------------------	---	---

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

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	50138.3.176, HSIP-0095(035)	\$740,000.00	Cost
W-5601FS	Division 4-7 sections in various locations. Funds are needed for	\$666,000.00	Fed.
STATEWIDE	construction for pavement markings.	\$74,000.00	State

Rail Program

Johnston Co.	43600.3.53, RR-1353(004)	\$576,500.00	Cost
Z-5400DF	Rail-Highway Grade Crossing Safety Project. Intersection of	\$518,850.00	Fed.
DIVISION	SR 1353 (Oliver Grove Road) and the CSX Transportation	\$57,650.00	State
	Tracks; Crossing #629 728P. Construction funds are needed for		
	safety improvements.		
Nash Co.	43600.3.46, RR-1733(019)	\$500,000.00	Cost
Z-5400DD	Rail-Highway Grade Crossing Safety Project. SR 1733 (Main	\$450,000.00	Fed.
DIVISION	Street) at CSX Transportation Tracks; Crossing #629 832J in	\$50,000.00	State
	Sharpesburg. Construction funds are needed to upgrade		
	flashers and gates.		
Wayne Co.	43600.3.72, RR-0042(006)	\$323,000.00	Cost
Z-5400DG	Railway-Highway Grade Crossing Safety Project. Hillsboro	\$290,700.00	Fed.
DIVISION	Street at CSX Transportation Tracks; Crossing #628 830S in	\$32,300.00	State
	Mount Olive. Construction funds are needed for safety		
	improvements.		

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

Division 4 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide R-9999D DIVISION	34634.2.4, STP-000S(644) Division 4 - Environmental Mitigation and Minimization. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for FY 2016 allocation.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Bicycle and Pedestrian

Clayton/ Johnston Co. EL-5100OB DIVISION	41821.3.33, STPDA-0406(009) Clayton Community Center Pedestrian Connector from the intersection of SR 1553 (Shotwell Road) and SR 1552 (Amelia Church Road) to Clayton High School. \$824,538.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$579,632.00 Cost \$289,816.00 Fed. \$289,816.00 Local
---	--	--

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

Division 5

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Granville Co. B-5157 DIVISION	42332.1.1, BRZ-1304(010) Replace Bridge #178 over Fox Creek on SR 1304. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$270,000.00 \$216,000.00 \$54,000.00	Cost Fed. State
Granville Co. B-5171 DIVISION	42329.1.1, BRSTP-1400(006) Replace Bridge #125 over Aaron's Creek on SR 1400. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 \$240,000.00 \$60,000.00	Cost Fed. State
Wake Co. B-5121 REGIONAL	42263.1.1, BRNHS-0070(119) Replace Bridge #227 on US 70 / US 401 / NC 50 over Peace Street; (Combined with B-5317: Replace Bridge #213 on US 70 / NC 50 over US 401). \$2,767,106.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,300,000.00 \$1,040,000.00 \$260,000.00	Cost Fed. State
Wake Co. B-5121 REGIONAL	42263.3.1, BRNHS-0070(119) Replace Bridge #227 on US 70 / US 401 / NC 50 over Peace Street; (Combined with B-5317: Replace Bridge #213 on US 70 / NC 50 over US 401). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 6, 2016. This is an 8 week advertisement.	\$25,300,000.00 \$20,240,000.00 \$5,060,000.00	Cost Fed. State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Durham Co. W-5601GD DIVISION	50138.1.187, HSIP-1361(010) SR 1361 (Vickers Avenue) at Lakewood Avenue. Funds are needed for preliminary engineering.	\$2,500.00 \$2,250.00 \$250.00	Cost Fed. State
Durham Co. W-5601GG DIVISION	50138.1.190, HSIP-1327(005) SR 1327 (Gregson Street) at Main Street, Morgan Street and SR 1669 (Club Boulevard). Funds are needed for preliminary engineering.	\$8,000.00 \$7,200.00 \$800.00	Cost Fed. State
Wake Co. W-5205K REGIONAL	45335.3.FR11, HRRR-0042(052) NC 42 at SR 2740 (Mt. Pleasant Road) / SR 2739 (Barber Bridge Road). Funds are needed for construction to construct left turn lanes.	\$397,000.00 \$317,600.00 \$79,400.00	Cost Fed. State
Wake Co. W-5601GC REGIONAL	50138.1.186, HSIP-0042(068) NC 42 at SR 1173 (Barefoot Road). Funds are needed for preliminary engineering.	\$75,000.00 \$67,500.00 \$7,500.00	Cost Fed. State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Wake Co. W-5601GE DIVISION	50138.1.188, HSIP-2233(004) SR 2233 (Smithfield Road) in the vicinity of US 64 / US 264. Funds are needed for preliminary engineering.	\$85,000.00 \$76,500.00 \$8,500.00	Cost Fed. State
Wake Co. W-5601O REGIONAL	50138.3.FR16, HSIP-0055(058) NC 55 Bypass at SR 1115 (Avent Ferry Road). \$425,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$300,000.00 \$270,000.00 \$30,000.00	Cost Fed. State

Rural

Divisionwide R-9999E DIVISION	34634.2.5, STP-000S(645) Division 5 - Environmental Mitigation and Minimization. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for FY 2016 allocation.	\$100,000.00 \$80,000.00 \$20,000.00	Cost Fed. State
-------------------------------------	--	--	-----------------------

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

Division 6

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. I-5731 STATEWIDE	52008.3.FS1, NHPP-0095(034) I-95 from Robeson / Cumberland County Line (Mile Marker 40) to just north of NC 42 (Mile Marker 53). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 6, 2016.	\$19,500,000.00 \$15,600,000.00 \$3,900,000.00	Cost Fed. State
Robeson Co. I-5847 STATEWIDE	53052.3.FS1, NHPP-0074(183) I-74 from US 74 Alternate to NC 710. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 6, 2016.	\$2,550,000.00 \$2,040,000.00 \$510,000.00	Cost Fed. State

Urban

Cumberland Co. U-4403 REGIONAL	39047.1.1, NHP-0401(276) US 401 (Ramsey Street), US 401 Business to I-295. Funds are needed for preliminary engineering.	\$700,000.00 \$560,000.00 \$140,000.00	Cost Fed. State
---	--	--	-----------------------

Bridge

Cumberland Co. B-4490 STATEWIDE	33727.1.1, BRNHS-0024(024) Replace Bridge #116 over CSX Railroad, Norfolk Southern Railroad, and Hillsboro Street on NC 24 / 210. \$800,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,800,000.00 \$1,440,000.00 \$360,000.00	Cost Fed. State
--	--	--	-----------------------

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

Division 6 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. B-4491 REGIONAL	38389.1.1, BRSTP-0059(005) Replace Bridge #22 over I-95 B / US 301 on NC 59. \$630,152.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$700,000.00 \$560,000.00 \$140,000.00	Cost Fed. State
Robeson Co. B-5333 DIVISION	46047.1.1, BRZ-1550(002) Replace Bridges #173 and #174 over Lumber River and Lumber River overflow on SR 1550. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$500,000.00 \$400,000.00 \$100,000.00	Cost Fed. State

Safety

Cumberland Co. W-5206AM STATEWIDE	45336.3.39, HSIP-0024(067) NC 24 / NC 87 from Barrington Cross Street to east of Martin Luther King westbound ramps; and NC 24 / NC 210 (Rowan Street) between Ray Avenue and Ramsey Street. \$3,045,000.00 has previously been approved for construction. Funds need to be increased \$797,322.00 to reflect the low bid received on December 15, 2015.	\$797,322.00 \$637,858.00 \$159,464.00	Cost Fed. State
Cumberland Co. W-5601FW STATEWIDE	50138.1.180, HSIP-0024(077) NC 24 / 87 (Bragg Boulevard) from Odell Road to McKenzie Road. Funds are needed for preliminary engineering.	\$6,000.00 \$5,400.00 \$600.00	Cost Fed. State

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

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. W-5601FX DIVISION	50138.1.181, HSIP-1605(007) SR 1605 (Johnson Farm Road) from SR 1600 (McCarthur Road) to SR 1606 (Elliot Farm Road). Funds are needed for preliminary engineering.	\$25,000.00 \$22,500.00 \$2,500.00	Cost Fed. State
Cumberland Co. W-5601FY STATEWIDE	50138.1.182, HSIP-0401(277) US 401 (Raeford Road) at SR 1104 (Strickland Bridge Road). Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State
Harnett Co. W-5601DM DIVISION	50138.3.118, HSIP-1500(010) SR 1500 (Benson Road) at SR 1546 (Young Road). Construction funds are needed for safety improvements.	\$900,000.00 \$810,000.00 \$90,000.00	Cost Fed. State
Harnett Co. W-5601FU REGIONAL	50138.1.178, HSIP-0210(036) NC 210 at SR 1006 (Old Stage Road). Funds are needed for preliminary engineering.	\$55,000.00 \$49,500.00 \$5,500.00	Cost Fed. State

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

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Harnett Co. W-5601FV REGIONAL	50138.1.179, HSIP-0027(016) NC 27 at SR 1116 (Doc Road). Funds are needed for preliminary engineering.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State

Rail Program

Cumberland Co. P-4901 EXEMPT	41068.3.1, STPHPP-0620(019) Remove Railway-Highway at-grade crossing conflicts and streamline rail network operations downtown involving CSX Transportation, Norfolk Southern Railway and the Aberdeen and Rockfish Railroad. Funds are needed for construction for Segment B near the crossing of Winslow Street and the Aberdeen and Rockfish Railroad to construct a connector tract between CSX Williams Street Yard and the Aberdeen and Rockfish Railroad utilizing section 1702 Federal Funds designated for this project. \$1,732,804.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$1,046,420.00 Cost \$837,136.00 Fed. \$209,284.00 Local
Harnett Co. Z-5400FM DIVISION	43600.3.54, RR-1709(002) Railway-Highway Grade Crossing Safety Project. Intersection of SR 1709 (Hodges Chapel Street) and the CSX Transportation Tracks; Crossing # 629 743S near Dunn. Construction funds are needed for safety improvements.	\$532,500.00 Cost \$479,250.00 Fed. \$53,250.00 State
Harnett Co. Z-5400FO DIVISION	43600.3.60, RR-1810(002) Railway-Highway Grade Crossing Safety Project. SR 1810 (Stewart Road) at CSX Transportation Tracks; Crossing #629 745F near Dunn. Construction funds are needed to upgrade flashers and gates.	\$321,000.00 Cost \$288,900.00 Fed. \$32,100.00 State

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

Division 6 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Harnett Co. Z-5400FQ DIVISION	43600.3.62, RR-0613(004) Highway-Railway Grade Crossing Project. Intersection of West Pearsall Street in Dunn and CSX Transportation Tracks; Crossing #629 756T. Funds are needed for construction for the installation of flashers and gates.	\$332,000.00 \$298,800.00 \$33,200.00	Cost Fed. State
Robeson Co. Z-5400FF DIVISION	43600.3.30, STPRR-1752(004) Highway-Railway Grade Crossing Safety Project. SR 1752 (Rennert Road) and CSX Transportation Tracks; Crossing #629 583F near the Town of Rex. \$325,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$330,000.00 \$297,000.00 \$33,000.00	Cost Fed. State

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

Division 7

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. I-5762 STATEWIDE	53005.3.1, NHPIM-0040(007) I-40 from the Forsyth County line to 1.3 miles east of SR 1850 (Sandy Ridge Road); (Combined with I-5734: I-40 from 1.3 miles east of SR 1850 (Sandy Ridge Road) to 1.1 miles east of SR 1556 (Gallimore Road)). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 6, 2016.	\$9,660,000.00 Cost \$7,728,000.00 Fed. \$1,932,000.00 State
Guilford Co. R-4436GI STATEWIDE	34625.2.58, STP-0040(040) Interchange of I-40 and SR 4121 (High Point Road). Funds are needed for construction of a filtration basin to improve water quality.	\$170,000.00 Cost \$136,000.00 Fed. \$34,000.00 State

National Highway

Greensboro/ Guilford Co. U-2524 STATEWIDE	34820.1.2, STP-NHF-1241(001) Greensboro - Western Loop from north of I-85 near Groometown Road to Lawndale Drive. \$23,166,826.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$2,625,000.00 Cost \$2,100,000.00 Fed. \$525,000.00 State
--	--	--

Congestion Mitigation

Guilford Co. C-4936 EXEMPT	44036.3.1, CMS-000S(503) Triad Air Quality Awareness Program. \$712,400.00 has previously been approved for construction. Additional funds are needed for regional air quality awareness programs in Guilford, Forsyth, Caswell, Davidson, Montgomery, Randolph and Rockingham Counties.	\$228,325.00 Cost \$182,660.00 Fed. \$45,665.00 Other
----------------------------------	---	---

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

Division 7 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mebane/ Alamance Co. U-3109 REGIONAL	34900.1.1, STP-0119(001) NC 119 relocation from the I-85 Interchange to south of SR 1917 (White Level Road). \$4,640,131.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,200,000.00 \$960,000.00 \$240,000.00	Cost Fed. State

Bridge

Guilford Co. B-5344 DIVISION	46058.3.1, BRZ-2821(001) Replace Bridge #161 over South Buffalo Creek on SR 2821. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 6, 2016.	\$975,000.00 \$780,000.00 \$195,000.00	Cost Fed. State
------------------------------------	--	--	-----------------------

Safety

Alamance Co. U-5538C REGIONAL	44113.1.3, HSIP-0119(012) NC 119 at SR 1981 (Trollingwood-Hawfields Road) / SR 2126 (Old Hillsborough Road). Funds are needed for preliminary engineering.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State
Guilford Co. W-5601GH STATEWIDE	50138.1.191, HSIP-0073(043) I-73 southbound in advance of Exit 97 (I-85 Bus / US 29 / US 70) near Greensboro. Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State

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

Division 7 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. W-5601GI DIVISION	50138.1.192, HSIP-1546(022) SR 1546 (Guilford College Road) at SR 1558 (Hickory Grove Road) and SR 1546 (Guilford College Road) at ramps to Wendover Avenue. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State

Rail Program

Guilford Co. Z-5400GH DIVISION	43600.3.45, STPRR-0708(066) Railway-Highway Grade Crossing Safety Project. Intersection of East Florida Street and the Norfolk Southern Railway Tracks; Crossing #722 165S. Construction funds are needed for safety improvements.	\$325,000.00 Cost \$292,500.00 Fed. \$32,500.00 State
Guilford Co. Z-5400GL DIVISION	43600.3.FD50, STPRR-0710(033) Railway-Highway Grade Crossing Safety Project. Redding Drive at the Norfolk Southern Railway Tracks; Crossing #713 780X in High Point. Construction funds are needed to upgrade crossing signals and gates.	\$285,000.00 Cost \$256,500.00 Fed. \$28,500.00 State
Orange Co. Z-5400GS DIVISION	43600.1.83, RR-1141(030) Railway-Highway Grade Crossing Safety Project. Intersection of SR 1141 (Mount Willing Road) and SR 1322 (Forrest Avenue) and the Norfolk Southern Railway in Efland; Crossing #735 145T. Funds are needed for preliminary engineering.	\$174,500.00 Cost \$157,050.00 Fed. \$17,450.00 State

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

Division 8

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Randolph Co. W-5601AZ DIVISION	50138.3.53, HSIP-1707(001) SR 1707 (Church Street) from SR 1453 (Walker Avenue) to SR 1442 (Sunset Avenue). \$332,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$128,000.00 Cost \$115,200.00 Fed. \$12,800.00 State

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

Division 9

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rowan Co.	44008.2.F7, CMS-0914(022)	\$50,000.00 Cost
C-4908G	US 70 (Statesville Boulevard) to US 601 (Jake Alexander	\$40,000.00 Fed.
EXEMPT	Boulevard). Funds are needed for full right of way.	\$10,000.00 Local

Safety

Forsyth Co.	50080.3.FD1, HSIP-4315(002)	\$2,751,000.00 Cost
W-5510	SR 4315 (South Main Street) from I-40 Business Ramp to	\$2,360,800.00 Fed.
DIVISION	SR 4278 (South Cherry Street) and SR 2648 (Old Winston	\$160,000.00 State
	Road). Funds are needed for construction based on the	\$230,200.00 Local
	estimate from the 12-Month Tentative Letting List published	
	April 6, 2016.	
Rowan Co.	50138.1.193, HSIP-0601(024)	\$50,000.00 Cost
W-5601GJ	US 601 between the municipal limits of Salisbury and the	\$45,000.00 Fed.
REGIONAL	Davie County Line, north of Salisbury. Funds are needed	\$5,000.00 State
	for preliminary engineering.	

Rail Program

Salisbury/ Rowan Co.	34951.1.1, STP-2541(004)	\$500,000.00 Cost
U-3459	Railway-Highway Crossing Hazard Elimination in High-Speed	\$500,000.00 Fed.
STATEWIDE	Rail Corridors at SR 2541 (Klumac Road) at the North Carolina	
	Railroad; in Salisbury. \$2,171,656.00 has previously been	
	approved for preliminary engineering. Additional funds are	
	needed to offset the current overdrafts.	

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

Division 9 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Walnut Cove/ Stokes Co. R-5768 DIVISION	44670.1.1, STP-0311(035) US 311, NC 65 in Walnut Cove. Funds are needed for preliminary engineering.	\$750,000.00	Cost
		\$600,000.00	Fed.
		\$150,000.00	State

Bicycle and Pedestrian

Forsyth Co. EB-5523 DIVISION	50039.3.FD1, STPEB-0918(095) Cedar Trails Greenway Connection from Cedar Trail Greenway to Muddy Creek Greenway. \$840,000.00 has previously been approved for construction. Funds need to be decreased based on the latest estimate.	-\$120,000.00	Cost
		-\$96,000.00	Fed.
		-\$24,000.00	State

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

Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. I-5746 STATEWIDE	52024.1.1, NHPP-0277(018) I-277 / US 74 from I-77 to Brevard Street. \$50,000.00 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
Mecklenburg Co. I-5768 STATEWIDE	53011.1.1, NHP-0077(008) I-77 from the South Carolina Line to SR 1577 (West Tyvola Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State

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

Division 11

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Watauga Co.	37512.1.5, NHP-0105(004)	\$500,000.00	Cost
R-2566B	NC 105 from SR 1136 (Clarks Creek Road) to SR 1107	\$400,000.00	Fed.
REGIONAL	(105 Bypass). Funds are needed for preliminary engineering.	\$100,000.00	State

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

Division 12

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gastonia/ Gaston Co. Z-5400LF DIVISION	43600.1.61, RR-2466(001) Railway-Highway Grade Crossing Safety Project. SR 2466 (Garrison Boulevard) at Norfolk Southern Railway Tracks; Crossing #729 950M in Gastonia. \$20,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$53,000.00 Cost \$47,700.00 Fed. \$5,300.00 State

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

Division 13

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. U-5190 DIVISION	45251.1.1, STPDA-1302(049) New Leichestor Highway from the city limits of Asheville to Patton Avenue in Asheville. Funds are needed for preliminary engineering.	\$253,000.00 Cost \$202,400.00 Fed. \$50,600.00 Local

Bridge

Buncombe Co. B-5396 DIVISION	46111.1.1, BRZ-1103(024) Replace Bridge #416 over Stony Fork Creek on SR 1103. \$150,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$260,000.00 Cost \$208,000.00 Fed. \$52,000.00 State
Rutherford Co. B-5397 DIVISION	46112.1.1, BRZ-2213(002) Replace Bridge #51 over Floyd's Creek on SR 2213. \$150,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State

Safety

Buncombe Co. W-5601FZ DIVISION	50138.1.183, HSIP-3449(001) SR 3449 (Beaverdam Road) from SR 1156 (Old Candler Town Road) to SR 3471 (Brownsview Church Road) near Candler. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
---	--	---

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

Division 13 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Buncombe Co. W-5601FZ DIVISION	50138.3.183, HSIP-3449(001) SR 3449 (Beaverdam Road) from SR 1156 (Old Candler Town Road) to SR 3471 (Brownsview Church Road) near Candler. Funds are needed for construction for safety improvements.	\$245,000.00 \$220,500.00 \$24,500.00	Cost Fed. State
Buncombe Co. W-5601GL DIVISION	50138.1.195, HSIP-3412(001) SR 3412 (Sandhill Road) at SR 1224 (Sandhill School Road / Oakview Road). Funds are needed for preliminary engineering.	\$8,000.00 \$7,200.00 \$800.00	Cost Fed. State
Burke Co. W-5601GN STATEWIDE	50138.1.197, HSIP-0040(042) I-40 Westbound ramps at SR 1761 (Exit 118). Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
McDowell Co. W-5601GM STATEWIDE	50138.1.196, HSIP-0040(041) I-40 near NC 226 (Exit 86). Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State

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

Division 14

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Haywood Co. I-5756 STATEWIDE	52034.3.1, NHPP-0040(018) I-40 from 0.4 miles east of SR 1366 (Orchard Cove Road) to 0.2 miles east of SR 1513 (Hyder Mountain Road). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 6, 2016.	\$8,000,000.00 Cost \$6,400,000.00 Fed. \$1,600,000.00 State

Appalachian

Henderson Co. R-5771 EXEMPT	46877.1.1, APD-1690(001) SR 1690 (Broadpointe Drive) to 24 feet paved roadway and replace Bridge # 107. Funds are needed for preliminary engineering.	\$130,000.00 Cost \$130,000.00 Fed.
--------------------------------------	--	--

Urban

Henderson Co. U-5872 EXEMPT	46415.1.1, STPDA-0025(037) US 25 (Hendersonville Road) from SR 1545 (Cane Creek Road) to SR 1006 (Howard Gap Road). Funds are needed for preliminary engineering.	\$157,700.00 Cost \$126,160.00 Fed. \$31,540.00 Local
--------------------------------------	--	---

Bridge

Polk Co. B-4792 DIVISION	38562.3.1, BRZ-1102(005) Replace Bridge #4 over Fork Creek (Small Branch of Pacolet River) on SR 1102. Funds are needed for construction to replace bridge.	\$525,000.00 Cost \$420,000.00 Fed. \$105,000.00 State
--------------------------------	--	--

May 5, 2016

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

Division 14 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Clay Co. R-4416 STATEWIDE	38908.3.FS2, STP-0064(136) Construct climbing lane on US 64 from 1.5 miles east of Chunky Gal Gap west end of SR 1349 (Old Highway 64 E) to 1.8 miles east of the east end of SR 1349 (Old Highway 64 E). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on May 17, 2016.	\$5,000,000.00 \$4,000,000.00 \$1,000,000.00	Cost Fed. State
Macon Co. R-4436NC REGIONAL	34625.2.60, STP-0023(034) Intersection of US 23 / US 74 / US 23 Business in Sylva. Funds are needed for construction of a filtration basin to improve water quality.	\$170,000.00 \$136,000.00 \$34,000.00	Cost Fed. State
Transylvania Co. R-2409C REGIONAL	34428.3.FR4, HPP-0064(115) Lake Toxaway to Indian Creek. \$4,350,000.00 has previously been approved for construction. Funds need to be increased \$9,308,128.00 to reflect the low bid received on December 15, 2015.	\$9,308,128.00 \$7,446,502.00 \$1,861,626.00	Cost Fed. State

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

Statewide

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	50084.1.4, NST-0NST(004)	\$116,898.00	Cost
M-0460AD	National Summer Transportation Institute (NSTI) 2016 for	\$116,898.00	Fed.
EXEMPT	North Carolina A&T / Fayetteville State University. Funds are needed for preliminary engineering.		

Rural

Statewide	34634.1.1, STP-000S(230)	\$600,000.00	Cost
R-9999WM	Environmental Mitigation and Minimization.	\$480,000.00	Fed.
STATEWIDE	\$63,573,652.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for FY 2016 allocation.	\$120,000.00	State

ITEM M SUMMARY - 89 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$110,045,520.00

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

May 5, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 4

* U-5935	US 301, US 264 ALTERNATE (MLK BOULEVARD) TO	CONSTRUCTION	FY 2017 -	\$10,000,000	(DP)
WILSON	SR 1515 (LIPSCOMB ROAD). UPGRADE ROADWAY		FY 2017 -	\$2,000,000	(L)
PROJ.CATEGORY	INCLUDING BICYCLE AND PEDESTRIAN			\$12,000,000	
EXEMPT	ACCOMODATIONS.				
	<u>ADD CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED. THIS PROJECT HAS RECEIVED A FHWA TIGER GRANT.</u>				

DIVISION 5

* U-5927A	SR 2768 / SR 5056 NORTH JUDD PKWY NE, SR 3736	ENGINEERING	FY 2016 -	\$438,000	(L)
WAKE	(OLD HONEYCUTT ROAD) TO NORTH OF	RIGHT-OF-WAY	FY 2016 -	\$1,000,000	(L)
PROJ.CATEGORY	INTERSECTION OF SR 5056 (N. JUDD PARKWAY NE)	CONSTRUCTION	FY 2017 -	\$1,686,000	(STPDA)
DIVISION	AND SR 1402 (E. BROAD STREET)		FY 2017 -	\$1,124,000	(L)
	<u>ROADWAY PROJECT ADDED AT REQUEST OF MPO.</u>			\$4,248,000	

* U-5927B	SR 2768 / SR 5056 NORTH JUDD PKWY NE, NORTH OF	RIGHT-OF-WAY	FY 2020 -	\$450,000	(L)
WAKE	INTERSECTION OF SR 5056 (N. JUDD PARKWAY NE)	CONSTRUCTION	FY 2020 -	\$900,000	(L)
PROJ.CATEGORY	AND SR 1402 (E. BROAD STREET) TO PRODUCTS ROAD			\$1,350,000	
DIVISION	<u>ROADWAY PROJECT ADDED AT REQUEST OF MPO.</u>				

DIVISION 10

* I-5960	I-485, MILEMARKER 35.8 TO MILEMARKER 39.7.	CONSTRUCTION	FY 2016 -	\$4,200,000	(NHPIM)
MECKLENBURG	PAVEMENT REHABILITATION.			\$4,200,000	
PROJ.CATEGORY	<u>BASED ON PAVEMENT CONDITION, PROJECT ADDED.</u>				
STATEWIDE					

* I-5961	I-77, WEST TRADE STREET TO IREDELL COUNTY LINE.	CONSTRUCTION	FY 2016 -	\$2,200,000	(NHPIM)
MECKLENBURG	PAVEMENT REHABILITATION.			\$2,200,000	
PROJ.CATEGORY	<u>BASED ON PAVEMENT CONDITION, PROJECT ADDED.</u>				
STATEWIDE					

* R-5778	BILL MCGEE ROAD, SR 1119 (WALLACE ROAD) TO	CONSTRUCTION	FY 2017 -	\$800,000	(T)
CABARRUS	PROPOSED INDUSTRIAL SITE. IMPROVE EXISTING			\$800,000	
PROJ.CATEGORY	ROAD AND EXTEND TO PROPOSED INDUSTRIAL SITE.				
DIVISION	<u>NEW PROJECT PROGRAMMED TO PROVIDE ACCESS TO PROPOSED INDUSTRIAL SITE.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, May 05, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

STATEWIDE

* Z-5700 STATEWIDE	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS. <u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL DIVISION - STI CATEGORY PROGRAMMING SHOWN BELOW.</u>				
* Z-5700DIV STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS. <u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL DIVISION - DIVISION NEEDS CATEGORY.</u>	RIGHT-OF-WAY	FY 2017 -	\$150,000	(RR)
			FY 2018 -	\$150,000	(RR)
			FY 2019 -	\$150,000	(RR)
		CONSTRUCTION	FY 2017 -	\$900,000	(RR)
			FY 2018 -	\$900,000	(RR)
			FY 2019 -	\$900,000	(RR)
				\$3,150,000	
* Z-5700REG STATEWIDE PROJ.CATEGORY REGIONAL	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS. <u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL DIVISION - REGIONAL IMPACT CATEGORY.</u>	RIGHT-OF-WAY	FY 2017 -	\$150,000	(RR)
			FY 2018 -	\$150,000	(RR)
			FY 2019 -	\$150,000	(RR)
		CONSTRUCTION	FY 2017 -	\$900,000	(RR)
			FY 2018 -	\$900,000	(RR)
			FY 2019 -	\$900,000	(RR)
				\$3,150,000	
* Z-5700SW STATEWIDE PROJ.CATEGORY STATEWIDE	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS. <u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL DIVISION - STATEWIDE STRATEGIC MOBILITY CATEGORY.</u>	RIGHT-OF-WAY	FY 2017 -	\$200,000	(RR)
			FY 2018 -	\$200,000	(RR)
			FY 2019 -	\$200,000	(RR)
		CONSTRUCTION	FY 2017 -	\$1,200,000	(RR)
			FY 2018 -	\$1,200,000	(RR)
			FY 2019 -	\$1,200,000	(RR)
				\$4,200,000	
* Z-5800 STATEWIDE	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS. <u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL DIVISION - STI CATEGORY PROGRAMMING SHOWN BELOW.</u>				
* Z-5800DIV STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS. <u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL DIVISION - DIVISION NEEDS CATEGORY.</u>	RIGHT-OF-WAY	FY 2019 -	\$150,000	(RR)
			FY 2020 -	\$150,000	(RR)
			FY 2021 -	\$150,000	(RR)
		CONSTRUCTION	FY 2019 -	\$900,000	(RR)
			FY 2020 -	\$900,000	(RR)
			FY 2021 -	\$900,000	(RR)
				\$3,150,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

STATEWIDE

* Z-5800REG	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY	RIGHT-OF-WAY	FY 2019 -	\$150,000	(RR)
STATEWIDE	IMPROVEMENTS.		FY 2020 -	\$150,000	(RR)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL</u>		FY 2021 -	\$150,000	(RR)
REGIONAL	<u>DIVISION - REGIONAL IMPACT CATEGORY.</u>	CONSTRUCTION	FY 2019 -	\$900,000	(RR)
			FY 2020 -	\$900,000	(RR)
			FY 2021 -	\$900,000	(RR)
				\$3,150,000	

* Z-5800SW	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY	RIGHT-OF-WAY	FY 2019 -	\$200,000	(RR)
STATEWIDE	IMPROVEMENTS.		FY 2020 -	\$200,000	(RR)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL</u>		FY 2021 -	\$200,000	(RR)
STATEWIDE	<u>DIVISION - STATEWIDE STRATEGIC MOBILITY</u>	CONSTRUCTION	FY 2019 -	\$1,200,000	(RR)
	<u>CATEGORY.</u>		FY 2020 -	\$1,200,000	(RR)
			FY 2021 -	\$1,200,000	(RR)
				\$4,200,000	

STIP MODIFICATIONS

DIVISION 1

P-5600A	NCVA RR, TRACK IMPROVEMENTS	CONSTRUCTION	FY 2016 -	\$5,800,000	(DP)
HERTFORD	<u>PROJECT P-5600 DELETED AND SEGMENTED INTO 2</u>		FY 2016 -	\$2,800,000	(T)
BERTIE	<u>PARTS FOR CONSTRUCTION PURPOSES. INCLUDES</u>		FY 2016 -	\$3,031,000	(O)
NORTHAMPTON	<u>FUNDING FROM FHWA TIGER GRANT AND NCVA</u>			\$11,631,000	
PROJ.CATEGORY	<u>PRIVATE FUNDS.</u>				
TRANSITION					

P-5600B	NCVA RR, STRUCTURES REHABILITATION	CONSTRUCTION	FY 2016 -	\$600,000	(T)
HERTFORD	<u>PROJECT P-5600 DELETED AND SEGMENTED INTO 2</u>		FY 2016 -	\$600,000	(O)
BERTIE	<u>PARTS FOR CONSTRUCTION PURPOSES. INCLUDES</u>			\$1,200,000	
NORTHAMPTON	<u>FUNDING FROM NCVA PRIVATE FUNDS.</u>				
PROJ.CATEGORY					
TRANSITION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 3

SF-4903F ONSLow PROJ.CATEGORY TRANSITION	NC 53, SR 1109 (HOLLY SHELTER ROAD). REALIGNMENT AND LANE CONSTRUCTION. <u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO COORDINATE WITH ADJACENT PROJECTS R-5023 B/C.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$45,000 (HRRR) FY 2017 - \$195,000 (HRRR) \$240,000
U-4902C NEW HANOVER PROJ.CATEGORY STATEWIDE	US 17 BUSINESS (MARKET STREET), MARTIN LUTHER KING JR., BOULEVARD TO STATION ROAD. <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 18 TO FY 19 BASED ON CLARIFICATION OF SCHEDULES.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$125,000 (T) FY 2019 - \$1,700,000 (T) FY 2020 - \$1,700,000 (T) \$3,525,000
U-4902D NEW HANOVER PROJ.CATEGORY STATEWIDE	US 17 BUSINESS (MARKET STREET), LENDIRE ROAD TO SR 2734 (MARSH OAKS DRIVE). <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 18 TO FY 19 BASED ON CLARIFICATION OF SCHEDULES.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$250,000 (T) FY 2019 - \$3,150,000 (T) FY 2020 - \$3,150,000 (T) \$6,550,000
U-5719 ONSLow PROJ.CATEGORY STATEWIDE	US 258 (RICHLANDS HIGHWAY), SR 1219 (BLUE CREEK ROAD)/SR 1396 (RIDGE ROAD). REALIGN INTERSECTIONS TO FORM ONE AT-GRADE INTERSECTION. <u>DELAY CONSTRUCTION FROM FY 19 TO FY 18 BASED ON CLARIFICATION OF SCHEDULES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2016 - \$1,380,000 (T) FY 2016 - \$40,000 (T) FY 2018 - \$1,000,000 (T) \$2,420,000
U-5732 PENDER PROJ.CATEGORY REGIONAL	US 17, SR 1582 (WASHINGTON ACRES ROAD) TO SR 1563 (SLOOP POINT LOOP ROAD). CONVERT TO SUPERSTREET. <u>DELAY CONSTRUCTION FROM FY 20 TO FY 21 BASED ON CLARIFICATION OF SCHEDULES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - \$4,724,000 (T) FY 2018 - \$567,000 (T) FY 2021 - \$4,706,000 (T) FY 2022 - \$4,706,000 (T) FY 2023 - \$4,707,000 (T) \$19,410,000
U-5739 ONSLow PROJ.CATEGORY REGIONAL	US 258 (RICHLANDS HIGHWAY), SR 1212 (PONY FARM ROAD) TO NC 53 (BURGAW HIGHWAY). CONSTRUCT SUPERSTREET. <u>DELAY CONSTRUCTION FROM FY 20 TO FY 21 BASED ON CLARIFICATION OF SCHEDULES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - \$1,750,000 (T) FY 2018 - \$210,000 (T) FY 2021 - \$4,218,000 (T) FY 2022 - \$4,218,000 (T) FY 2023 - \$4,218,000 (T) \$14,614,000

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 3

U-5788	US 17 BUSINESS (MAIN STREET), WALL	RIGHT-OF-WAY	FY 2018 -	\$50,000	(T)
BRUNSWICK	STREET/SHALLOTTE AVENUE. REALIGN	CONSTRUCTION	FY 2020 -	\$542,000	(T)
PROJ.CATEGORY	INTERSECTION.			\$592,000	
DIVISION	<u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND CONSTRUCTION FROM FY 19 TO FY 20 BASED ON CLARIFICATION OF SCHEDULES.</u>				

DIVISION 4

B-5657	SR 1001 (JUSTICE BRANCH ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$69,000	(STPOFF)
HALIFAX	410014 AND 410015 OVER BEAVERDAM SWAMP.	UTILITIES	FY 2017 -	\$10,000	(STPOFF)
PROJ.CATEGORY	<u>ADD THE REPLACEMENT OF BRIDGE 410014 TO THE SCOPE OF THE PROJECT DUE TO PROXIMITY AND CONDITION.</u>	CONSTRUCTION	FY 2017 -	\$988,000	(STPOFF)
DIVISION				\$1,067,000	

B-5660	SR 1100 (BELLS BRIDGE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$78,000	(STPOFF)
HALIFAX	410065 AND 410066 OVER DEEP CREEK.	UTILITIES	FY 2017 -	\$10,000	(STPOFF)
PROJ.CATEGORY	<u>ADD THE REPLACEMENT OF BRIDGE 410066 TO THE SCOPE OF THE PROJECT DUE TO PROXIMITY AND CONDITION.</u>	CONSTRUCTION	FY 2017 -	\$2,318,000	(STPOFF)
DIVISION				\$2,406,000	

DIVISION 5

B-5237	SR 2703 (NEW BETHEL CHURCH ROAD), REPLACE	RIGHT-OF-WAY	FY 2018 -	\$400,000	(HFB)
WAKE	BRIDGE 910248 OVER MAHLER'S CREEK IN GARNER.	UTILITIES	FY 2018 -	\$50,000	(HFB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 18 AND CONSTRUCTION FROM FY 17 TO FY 19 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	CONSTRUCTION	FY 2019 -	\$2,000,000	(HFB)
DIVISION				\$2,450,000	

* I-5506	I-40, SR 1002 (AVIATION PARKWAY) INTERCHANGE.	RIGHT-OF-WAY	FY 2017 -	\$1,750,000	(NHP)
WAKE	IMPROVE INTERCHANGE AND CONSTRUCT AUXILIARY	UTILITIES	FY 2017 -	\$93,000	(NHP)
PROJ.CATEGORY	LANE ON I-40 WESTBOUND FROM SR 1002 TO SR 3015	CONSTRUCTION	FY 2018 -	\$9,725,000	(NHP)
STATEWIDE	(AIRPORT BOULEVARD).		FY 2019 -	\$9,725,000	(NHP)
	<u>DESCRIPTION REVISED TO INCLUDE AUXILIARY LANE AT REQUEST OF PRECONSTRUCTION.</u>			\$21,293,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

U-4716BA DURHAM PROJ.CATEGORY DIVISION	SR 1980 (CHURCH STREET), NORFOLK SOUTHERN RAILROAD / NC RAILROAD TO SR 1978 (HOPSON ROAD) REALIGN AND CLOSE CROSSING 734 748M OF THE NORFOLK SOUTHERN-NORTH CAROLINA RAILROAD <u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED, TO COVER SEPARATE PURCHASE ORDER CONTRACT FOR REMEDIAL WORK (SIGNAL INSTALLATION) ON PROJECT U-4716B.</u>	CONSTRUCTION	FY 2016 - \$150,000 (T) \$150,000
U-4916 VANCE PROJ.CATEGORY TRANSITION	SR 1165 (BECKFORD DRIVE), HARRISON STREET TO NORTH PARK DRIVE IN HENDERSON. WIDEN TO THREE LANES WITH CURB AND GUTTER, STORM DRAINAGE, AND SIDEWALKS. <u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW CITY ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION.</u>	CONSTRUCTION	FY 2017 - \$679,000 (HP) FY 2017 - \$170,000 (L) \$849,000
U-5529 WAKE PROJ.CATEGORY DIVISION	SR 1115 (AVENT FERRY ROAD), WEST OF SR 1101 (PINEY GROVE - WILBON ROAD) TO VILLAGE WALK DRIVE IN HOLLY SPRINGS. OPERATIONAL IMPROVEMENTS. <u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW THE TOWN ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$80,000 (STPDA) FY 2016 - \$20,000 (L) FY 2017 - \$1,584,000 (STPDA) FY 2017 - \$396,000 (L) \$2,080,000

DIVISION 7

EB-5716 GUILFORD PROJ.CATEGORY DIVISION	HOLDEN ROAD; EAST LINDSAY STREET, HOLDEN ROAD, SOUTH OF MEADOWVIEW ROAD TO SPRING GARDEN ROAD IN GREENSBORO. CONSTRUCT SIDEWALK ON WEST SIDE. EAST LINDSAY STREET, MURROW BOULEVARD TO BESSEMER AVENUE IN GREENSBORO. CONSTRUCT SIDEWALK ON NORTH SIDE. <u>DESCRIPTION MODIFIED TO INCORPORATE SCOPE OF DELETED PROJECT EB-5717, AT REQUEST OF CITY.</u>	CONSTRUCTION	FY 2018 - \$424,000 (SRTS) \$424,000
* EL-5101 GUILFORD PROJ.CATEGORY DIVISION	VARIOUS, PEDESTRIAN AND BICYCLE PROJECTS IN THE GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION (GUAMPO). <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$847,000 (CMAQ) FY 2016 - \$268,000 (STPDA) FY 2016 - \$279,000 (L) FY 2016 - \$8,223,000 (STPDA) FY 2016 - \$400,000 (TAP) FY 2016 - \$2,156,000 (L) FY 2017 - \$2,106,000 (CMAQ) FY 2017 - \$1,200,000 (STPDA) FY 2017 - \$827,000 (L) \$16,306,000

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 7

* P-2918	PIEDMONT CORRIDOR, TRAIN 74 / 75 OPERATIONS	OPERATIONS	FY 2016 -	\$3,750,000	(CMAQ)
RANDOLPH	BETWEEN CHARLOTTE AND RALEIGH, EQUIPMENT		FY 2017 -	\$4,091,000	(CMAQ)
MECKLENBURG	AND CAPITAL YARD MAINTENANCE FACILITY.			\$7,841,000	
DURHAM	<u>ADD OPERATIONS IN FY 17 NOT PREVIOUSLY</u>				
CABARRUS	<u>PROGRAMMED, AT REQUEST OF TRANSPORTATION</u>				
ALAMANCE	<u>PLANNING BRANCH.</u>				
ORANGE					
WAKE					
ROWAN					
DAVIDSON					
GUILFORD					
PROJ.CATEGORY					
EXEMPT					
* R-4707	US 29; SR 4771 (REEDY FORK PARKWAY), SR 2641	RIGHT-OF-WAY	FY 2017 -	\$3,220,000	(T)
GUILFORD	(BRYAN PARK ROAD) TO US 29 / SR 4771 (REEDY FORK	UTILITIES	FY 2017 -	\$982,000	(T)
PROJ.CATEGORY	PARKWAY) INTERCHANGE IN GREENSBORO. IMPROVE			\$4,202,000	
REGIONAL	ROADWAY, MODIFY INTERCHANGE AND REPLACE				
	BRIDGE 400360.				
	<u>ROUTE AND DESCRIPTION REVISED TO CONFORM TO</u>				
	<u>ENGINEERING SCOPE AND ENVIRONMENTAL</u>				
	<u>DOCUMENT, TO INCORPORATE SCOPE OF B-5354,</u>				
	<u>AND TO ADD RIGHT OF WAY AND UTILITIES IN FY 17</u>				
	<u>NOT PREVIOUSLY PROGRAMMED, TO</u>				
	<u>ACCOMMODATE BRIDGE REPLACEMENT SCHEDULE.</u>				
* R-4707A	SR 4771 (REEDY FORK PARKWAY), REPLACE BRIDGE	CONSTRUCTION	FY 2018 -	\$8,821,000	(T)
GUILFORD	400360 OVER US 29 AND CONSTRUCT TIE-INS.			\$8,821,000	
PROJ.CATEGORY	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
DIVISION	<u>PROGRAMMED, TO ACCOMMODATE BRIDGE</u>				
	<u>REPLACEMENT SCHEDULE.</u>				
* R-4707B	US 29, SR 4771 (REEDY CREEK PARKWAY)	CONSTRUCTION	FY 2024 -	\$8,791,000	(T)
GUILFORD	INTERCHANGE. MODIFY INTERCHANGE AND REALIGN		FY 2025 -	\$8,791,000	(T)
PROJ.CATEGORY	/ WIDEN SR 4771.		FY 2026 -	\$8,791,000	(T)
REGIONAL	<u>REMOVE RIGHT OF WAY IN FY 20; RIGHT OF WAY</u>		FY 2027 -	\$8,791,000	(T)
	<u>PROGRAMMED ON R-4707 TO ACCOMMODATE</u>			\$35,164,000	
	<u>BRIDGE REPLACEMENT SCHEDULE.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 7

* U-5532	VARIOUS, GREENSBORO URBAN AREA MPO: BICYCLE, RIGHT-OF-WAY	FY 2016 -	\$0	(STPDA)
GUILFORD	PEDESTRIAN, AND TRANSPORTATION ALTERNATIVES	FY 2016 -	\$40,000	(TAPDA)
PROJ.CATEGORY	PROGRAM (TAP)-ELIGIBLE PROJECTS	FY 2016 -	\$10,000	(L)
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	FY 2017 -	\$10,000	(STPDA)
	<u>THRESHOLDS. ADD RIGHT-OF-WAY AND</u>	FY 2017 -	\$10,000	(TAPDA)
	<u>CONSTRUCTION IN FY 19 THRU FY 25 NOT</u>	FY 2017 -	\$6,000	(L)
	<u>PREVIOUSLY PROGRAMMED.</u>	FY 2018 -	\$10,000	(STPDA)
		FY 2018 -	\$10,000	(TAPDA)
		FY 2018 -	\$6,000	(L)
		FY 2019 -	\$10,000	(STPDA)
		FY 2019 -	\$10,000	(TAPDA)
		FY 2019 -	\$6,000	(L)
		FY 2020 -	\$10,000	(STPDA)
		FY 2020 -	\$10,000	(TAPDA)
		FY 2020 -	\$6,000	(L)
		FY 2021 -	\$10,000	(STPDA)
		FY 2021 -	\$10,000	(TAPDA)
		FY 2021 -	\$6,000	(L)
		FY 2022 -	\$10,000	(STPDA)
		FY 2022 -	\$10,000	(TAPDA)
		FY 2022 -	\$6,000	(L)
		FY 2023 -	\$10,000	(STPDA)
		FY 2023 -	\$10,000	(TAPDA)
		FY 2023 -	\$6,000	(L)
		FY 2024 -	\$10,000	(STPDA)
		FY 2024 -	\$3,000	(L)
		FY 2025 -	\$10,000	(STPDA)
		FY 2025 -	\$3,000	(L)
		FY 2026 -	\$10,000	(TAPDA)
		FY 2026 -	\$3,000	(L)
		FY 2027 -	\$10,000	(TAPDA)
		FY 2027 -	\$3,000	(L)
	CONSTRUCTION	FY 2016 -	\$1,242,000	(STPDA)
		FY 2016 -	\$805,000	(TAPDA)
		FY 2016 -	\$512,000	(L)
		FY 2017 -	\$1,290,000	(STPDA)
		FY 2017 -	\$305,000	(TAPDA)
		FY 2017 -	\$399,000	(L)
		FY 2018 -	\$2,990,000	(STPDA)
		FY 2018 -	\$305,000	(TAPDA)
		FY 2018 -	\$824,000	(L)
		FY 2019 -	\$2,990,000	(STPDA)
		FY 2019 -	\$305,000	(TAPDA)
		FY 2019 -	\$824,000	(L)
		FY 2020 -	\$2,490,000	(STPDA)
		FY 2020 -	\$305,000	(TAPDA)
		FY 2020 -	\$699,000	(L)
		FY 2021 -	\$2,490,000	(STPDA)
		FY 2021 -	\$305,000	(TAPDA)
		FY 2021 -	\$699,000	(L)
		FY 2022 -	\$2,490,000	(STPDA)

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 7

FY 2022 -	\$305,000	(TAPDA)
FY 2022 -	\$699,000	(L)
FY 2023 -	\$2,490,000	(STPDA)
FY 2023 -	\$305,000	(TAPDA)
FY 2023 -	\$699,000	(L)
FY 2024 -	\$2,490,000	(STPDA)
FY 2024 -	\$623,000	(L)
FY 2025 -	\$2,490,000	(STPDA)
FY 2025 -	\$623,000	(L)
FY 2026 -	\$316,000	(TAPDA)
FY 2026 -	\$79,000	(L)
FY 2027 -	\$1,034,000	(TAPDA)
FY 2027 -	\$79,000	(L)
	<u>\$34,785,000</u>	

Y-4807B	LOWDERMILK STREET SYKES AVENUE, PINE STREET	RIGHT-OF-WAY	FY 2016 -	\$800,000	(STPDA)
GUILFORD	CROSSING CLOSURE AND LOWDERMILK STREET /		FY 2016 -	\$160,000	(L)
PROJ.CATEGORY	SYKES AVENUE REALIGNMENT IN GREENSBORO.	CONSTRUCTION	FY 2017 -	\$1,100,000	(O)
DIVISION	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>			<u>\$2,060,000</u>	
	<u>PENDING AGREEMENT BETWEEN RAILROAD AND CITY.</u>				

DIVISION 8

U-5737	US 64 (EAST 11TH STREET), NORTH GLENN AVENUE	RIGHT-OF-WAY	FY 2019 -	\$244,000	(T)
CHATHAM	TO US 421 IN SILER CITY. UPGRADE ROADWAY TO	UTILITIES	FY 2019 -	\$29,000	(T)
PROJ.CATEGORY	INCLUDE MEDIAN FOR ACCESS CONTROL,	CONSTRUCTION	FY 2020 -	\$9,780,000	(T)
REGIONAL	SIDEWALKS, CROSSWALKS, BICYCLE LANES AND / OR			<u>\$10,053,000</u>	
	MULTIUSE SIDEPAH.				
	<u>DESCRIPTION MODIFIED TO EXTEND WESTERN</u>				
	<u>PROJECT LIMIT FOR PURPOSES OF ESTABLISHING</u>				
	<u>LOGICAL TERMINI.</u>				

DIVISION 9

B-5152	SR 1100 (LASATER ROAD), REPLACE BRIDGE 330095	RIGHT-OF-WAY	FY 2017 -	\$195,000	(HFB)
FORSYTH	OVER BLANKET CREEK IN CLEMMONS.	UTILITIES	FY 2017 -	\$98,000	(HFB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>	CONSTRUCTION	FY 2018 -	\$1,750,000	(HFB)
HWY FUNDS	<u>CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW</u>			<u>\$2,043,000</u>	
	<u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>				

* C-4908E	SR 1002 (BRINGLE FERRY ROAD), LONG STREET TO	CONSTRUCTION	FY 2017 -	\$239,000	(CMAQ)
ROWAN	NEWSOME ROAD		FY 2017 -	\$60,000	(L)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 17 TO</u>			<u>\$299,000</u>	
EXEMPT	<u>ALLOW CITY ADDITIONAL TIME TO PREPARE FOR</u>				
	<u>LETTING.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, May 05, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 9

* C-4908H	MAIN STREET, "D" AVENUE TO SUNSET DRIVE	CONSTRUCTION	FY 2017 -	\$107,000	(CMAQ)
ROWAN	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 17 TO</u>		FY 2017 -	\$27,000	(L)
PROJ.CATEGORY	<u>ALLOW CITY ADDITIONAL TIME TO PREPARE FOR</u>			\$134,000	
EXEMPT	<u>LETTING.</u>				

* C-5160	NEWSOME ROAD, CITY OF SALISBURY - CONSTRUCT	RIGHT-OF-WAY	FY 2016 -	\$25,000	(C)
ROWAN	BIKE LANES.		FY 2016 -	\$101,000	(CMAQ)
PROJ.CATEGORY	<u>DELAY RIGHT OF WAY FROM FY 15 TO FY 16 AND</u>	CONSTRUCTION	FY 2017 -	\$301,000	(C)
EXEMPT	<u>CONSTRUCTION FROM FY 15 TO FY 17 TO ALLOW</u>		FY 2017 -	\$1,205,000	(CMAQ)
	<u>CITY ADDITIONAL TIME TO PREPARE FOR LETTING.</u>			\$1,632,000	

DIVISION 10

* EB-5723	US 74, SR 1520 (INDIAN TRAIL FAIRVIEW ROAD) TO SR	ENGINEERING	FY 2019 -	\$145,000	(TAP)
UNION	1367 (UNIONVILLE INDIAN TRAIL ROAD). CONSTRUCT		FY 2019 -	\$36,000	(L)
PROJ.CATEGORY	A MULTI-USE PATH. SR 1367 (UNIONVILLE INDIAN	RIGHT-OF-WAY	FY 2019 -	\$100,000	(TAP)
DIVISION	TRAIL ROAD) TO OAKWOOD LANE. CONSTRUCT A		FY 2019 -	\$25,000	(L)
	MULTI-USE GREENWAY.	CONSTRUCTION	FY 2020 -	\$1,879,000	(STPDA)
	<u>MODIFY PROJECT SCOPE AND FUNDING AMOUNTS.</u>		FY 2020 -	\$868,000	(TAP)
			FY 2020 -	\$687,000	(L)
				\$3,740,000	

* R-2530B	NC 24-27, BIRD ROAD IN ALBEMARLE TO WEST OF THE	RIGHT-OF-WAY	FY 2018 -	\$14,000,000	(T)
STANLY	PEE DEE RIVER	UTILITIES	FY 2018 -	\$1,900,000	(T)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND</u>	CONSTRUCTION	FY 2020 -	\$14,600,000	(T)
REGIONAL	<u>CONSTRUCTION FROM FY 19 TO FY 20 TO ALLOW</u>		FY 2021 -	\$14,600,000	(T)
	<u>ADDITIONAL TIME TO FOR PLANNING AND DESIGN.</u>			\$45,100,000	

U-4910A	SR 1445 (DERITA ROAD), SR 2894 (CONCORD MILLS	CONSTRUCTION	FY 2017 -	\$9,400,000	(STPDA)
CABARRUS	BOULEVARD) TO AVIATION BOULEVARD. WIDEN TO		FY 2017 -	\$2,350,000	(L)
PROJ.CATEGORY	MULTI-LANES.			\$11,750,000	
DIVISION	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN.</u>				

U-4910B	SR 1445 (DERITA ROAD), AVIATION BOULEVARD TO SR	CONSTRUCTION	FY 2017 -	\$7,160,000	(HP)
CABARRUS	1394 (POPLAR TENT ROAD). WIDEN TO MULTI-LANES.		FY 2017 -	\$1,790,000	(L)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>			\$8,950,000	
TRANSITION	<u>ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

* U-5522 CABARRUS PROJ.CATEGORY TRANSITION	CONCORD, CONCORD TRAFFIC MANAGEMENT SYSTEM <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL FOR DESIGN.</u>	CONSTRUCTION	FY 2016 -	\$1,100,000	(DP)
U-5806 CABARRUS PROJ.CATEGORY DIVISION	SR 2894 (CONCORD MILLS BOULEVARD), INTERSECTION OF SR 2894 (CONCORD MILLS BOULEVARD) AND ENTRANCE #1 - KINGS GRANT PAVILION. CONSTRUCT 2-LANE GRADE SEPARATED DIRECTIONAL LEFT FLYOVER. <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW A CONSTRUCTION SCHEDULE THAT MINIMIZES TRAFFIC DISRUPTIONS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 - FY 2018 -	\$100,000 \$5,100,000 \$1,500,000	(T) (T) (L)
				\$6,700,000	
* W-5520 UNION PROJ.CATEGORY REGIONAL	US 74, FAIRVIEW ROAD TO WESLEY CHAPEL STOUTS ROAD IN INDIAN TRAIL. CONVERT EXISTING FULL MOVEMENT SIGNALIZED INTERSECTIONS TO SIGNALIZED SUPERSTREET DESIGN. <u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AND CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR DESIGN.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2017 -	\$1,175,000 \$5,950,000	(HSIP) (HSIP)
				\$7,125,000	
DIVISION 11					
I-5801 SURRY PROJ.CATEGORY STATEWIDE	I-77, MILEMARKER 83.4 TO MILEMARKER 85.9. PAVEMENT REHABILITATION. <u>INCREASE FUNDING BASED ON LATEST ESTIMATE.</u>	CONSTRUCTION	FY 2016 -	\$2,500,000 \$2,500,000	(NHPIM)
DIVISION 12					
* C-5195 CATAWBA PROJ.CATEGORY EXEMPT	CLAREMONT, CONSTRUCT SIDEWALKS AT VARIOUS LOCATIONS IN CLAREMONT. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	CONSTRUCTION	FY 2016 - FY 2016 -	\$496,000 \$124,000	(CMAQ) (L)
				\$620,000	
* C-5196 CATAWBA PROJ.CATEGORY EXEMPT	HICKORY, 16TH. STREET (SANDY RIDGE ROAD) AT 29 TH. AVENUE NE AND 21 ST. AVENUE NE IN HICKORY. CONSTRUCT ROUNDABOUTS. <u>MODIFY PROJECT SCOPE, FUNDING AMOUNTS, AND SCHEDULE.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 - FY 2017 - FY 2017 -	\$975,000 \$244,000 \$2,722,000 \$680,000	(CMAQ) (L) (CMAQ) (L)
				\$4,621,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 12

* EB-5114 GASTON PROJ.CATEGORY TRANSITION	MOUNT HOLLY, MOUNT HOLLY RIVERFRONT GREENWAY. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION.</u>	CONSTRUCTION	FY 2016 - \$640,000 (STPEB) FY 2016 - \$160,000 (S(M)) \$800,000
* EB-5530 IREDELL PROJ.CATEGORY TRANSITION	TROUTMAN, OLD MOUNTAIN ROAD, NORTH MAIN STREET TO SOUTH IREDELL HIGH SCHOOL IN TROUTMAN. CONSTRUCT SIDEWALK ON SOUTH SIDE OF ROAD. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR DESIGN.</u>	CONSTRUCTION	FY 2016 - \$480,000 (STPEB) \$480,000
* EB-5531 GASTON PROJ.CATEGORY TRANSITION	BESSEMER CITY, 12TH STREET, CHADWICK COURT TO KAISER ROAD AND YELLOW JACKET LANE/BESS TOWN ROAD, 12TH STREET TO 14TH STREET (NC 274). CONSTRUCT SIDEWALKS. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR CITY TO DECIDE WHETHER TO PROCEED WITH PROJECT.</u>	CONSTRUCTION	FY 2016 - \$300,000 (STPEB) \$300,000
* EB-5532 IREDELL PROJ.CATEGORY TRANSITION	TROUTMAN, NORTH MAIN STREET GREENWAY, SR 2551 (OLD MURDOCK ROAD) TO SR 2350 (MURDOCK ROAD). CONSTRUCT 10 FEET WIDE GREEWAY. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION.</u>	CONSTRUCTION	FY 2016 - \$430,000 (STPEB) \$430,000
* EB-5534 GASTON PROJ.CATEGORY TRANSITION	GASTONIA, CATAWBA CREEK GREENWAY EXTENSION, FERGUSON PARK TO DOWNTOWN. CONSTRUCT GREENWAY. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR PERMITTING ACTIVITIES.</u>	CONSTRUCTION	FY 2016 - \$410,000 (STPEB) \$410,000
* EB-5546 CLEVELAND PROJ.CATEGORY EXEMPT	CLEVELAND COUNTY, CONSTRUCT SEGMENT OF GATEWAY TRAIL FROM GALILEE CHURCH ROAD TO BETHLEHEM ROAD. FEDERAL AID NUMBER NC FLAP CLVND TRL(1) <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR CITY TO DECIDE WHETHER TO PROCEED WITH PROJECT.</u>	CONSTRUCTION	FY 2016 - \$620,000 (STPEB) \$620,000

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 12

* EB-5701	US 29/74 (EAST FRANKLIN BOULEVARD), SR 2200 (COX	RIGHT-OF-WAY	FY 2016 -	\$29,000	(L)
GASTON	ROAD) TO 1500 FEET EAST OF DUHARTS CREEK.		FY 2016 -	\$116,000	(SRTS)
PROJ.CATEGORY	CONSTRUCT MISSING SIDEWALK ON NORTH SIDE.	CONSTRUCTION	FY 2017 -	\$219,000	(L)
DIVISION	<u>REVISE SCOPE AND INCREASE FUNDING AT THE</u>		FY 2017 -	\$875,000	(SRTS)
	<u>REQUEST OF THE CITY OF GASTONIA.</u>			\$1,239,000	

* I-5717	I-77, NC 150 INTERCHANGE. CONSTRUCT	RIGHT-OF-WAY	FY 2017 -	\$900,000	(NHP)
IREDELL	INTERCHANGE IMPROVEMENTS.	CONSTRUCTION	FY 2019 -	\$10,200,000	(NHP)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 17</u>			\$11,100,000	
STATEWIDE	<u>AND CONSTRUCTION FROM FY 21 TO FY 19 TO</u>				
	<u>COORDINATE THE SCHEDULES WITH ADJACENT</u>				
	<u>PROJECT R-2307B.</u>				

STATEWIDE

* C-5571	NORTH CAROLINA RAILROAD, NCDOT PIEDMONT AND	IMPLEMENTATIO	FY 2016 -	\$818,000	(CMAQ)
STATEWIDE	CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC		FY 2017 -	\$819,000	(CMAQ)
PROJ.CATEGORY	OUTREACH AND AWARENESS PROGRAM.			\$1,637,000	
EXEMPT	<u>ADD IMPLEMENTATION IN FY 17 NOT PREVIOUSLY</u>				
	<u>PROGRAMMED, AT REQUEST OF TRANSPORTATION</u>				
	<u>PLANNING BRANCH.</u>				

* Z-5400DIV	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY	RIGHT-OF-WAY	FY 2016 -	\$150,000	(RR)
STATEWIDE	IMPROVEMENTS.		FY 2017 -	\$150,000	(RR)
PROJ.CATEGORY	<u>ADD RIGHT OF WAY AND CONSTRUCTION IN FY 17</u>	CONSTRUCTION	FY 2016 -	\$900,000	(RR)
DIVISION	<u>NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF</u>		FY 2017 -	\$900,000	(RR)
	<u>RAIL DIVISION.</u>			\$2,100,000	

* Z-5400REG	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY	RIGHT-OF-WAY	FY 2016 -	\$150,000	(RR)
STATEWIDE	IMPROVEMENTS.		FY 2017 -	\$150,000	(RR)
PROJ.CATEGORY	<u>ADD RIGHT OF WAY AND CONSTRUCTION IN FY 17</u>	CONSTRUCTION	FY 2016 -	\$900,000	(RR)
REGIONAL	<u>NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF</u>		FY 2017 -	\$900,000	(RR)
	<u>RAIL DIVISION.</u>			\$2,100,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

STATEWIDE

* Z-5400SW	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY	RIGHT-OF-WAY	FY 2016 -	\$200,000	(RR)
STATEWIDE	IMPROVEMENTS.		FY 2017 -	\$200,000	(RR)
PROJ.CATEGORY	<u>ADD RIGHT OF WAY AND CONSTRUCTION IN FY 17</u>	CONSTRUCTION	FY 2016 -	\$1,200,000	(RR)
STATEWIDE	<u>NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF</u>		FY 2017 -	\$1,200,000	(RR)
	<u>RAIL DIVISION.</u>			\$2,800,000	

STIP DELETIONS

DIVISION 3

B-5634	SR 1140 (OXPEN ROAD S.W.), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2024 -	\$51,000	(STPOFF)
BRUNSWICK	090055 OVER BRANCH LITTLE SHALLOTTE RIVER.	CONSTRUCTION	FY 2025 -	\$1,013,000	(STPOFF)
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF DIVISION.</u>			\$1,064,000	
DIVISION					

DIVISION 7

* B-5354	SR 4771 (REEDY FORK PARKWAY), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$420,000	(NHPB)
GUILFORD	400360 OVER US 29 IN GREENSBORO.	CONSTRUCTION	FY 2018 -	\$2,100,000	(NHPB)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>		FY 2019 -	\$2,100,000	(NHPB)
DIVISION	<u>PROJECT R-4707.</u>			\$4,620,000	

DIVISION 10

* EB-5778	INDIAN TRAIL, SOUTH FORK CROOKED CREEK	RIGHT-OF-WAY	FY 2020 -	\$300,000	(STPDA)
MECKLENBURG	GREENWAY (INDIAN TRAIL-FAIRVIEW ROAD - US 74).		FY 2020 -	\$75,000	(L)
PROJ.CATEGORY	CONSTRUCT GREENWAY.	CONSTRUCTION	FY 2021 -	\$700,000	(STPDA)
DIVISION	<u>DELETE AT THE REQUEST OF MPO.</u>		FY 2021 -	\$175,000	(L)
				\$1,250,000	

DIVISION 12

* EB-5702	NC 279 (NORTH NEW HOPE ROAD), US 29/74 (EAST	ENGINEERING	FY 2016 -	\$53,000	(SRTS)
GASTON	FRANKLIN BOULEVARD) TO NC 7 (EAST OZARK	RIGHT-OF-WAY	FY 2016 -	\$55,000	(L)
PROJ.CATEGORY	AVENUE). CONSTRUCT MISSING SIDEWALK ON ONE	CONSTRUCTION	FY 2017 -	\$350,000	(SRTS)
DIVISION	SIDE OF ROAD.			\$458,000	
	<u>DELETE AT THE REQUEST OF CITY OF GASTONIA.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP DELETIONS

DIVISION 12

* EB-5706	SR 2200 (COX ROAD), I-85 TO COURT DRIVE.	ENGINEERING	FY 2016 -	\$38,000	(SRTS)
GASTON	CONSTRUCT MISSING SIDEWALK ON BOTH SIDES.	RIGHT-OF-WAY	FY 2017 -	\$73,000	(L)
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF CITY OF GASTONIA.</u>	CONSTRUCTION	FY 2018 -	<u>\$250,000</u>	(SRTS)
DIVISION				\$361,000	

ITEM N SUMMARY

ADDITIONS	14 PROJECTS	\$45,798,000
MODIFICATIONS	51 PROJECTS	
DELETIONS	5 PROJECTS	\$7,753,000
	70 PROJECTS	\$38,045,000

NCDOT May 5, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 51 Agreements for approval by the Board of Transportation.

Statewide

North Carolina Office of State
Budget and Management

This Agreement is to provide support services for NCDPS's users and normal maintenance of the Department's SAP TM System. The Department and Agency have agreed to provide up to one hundred (100) SAP TM User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount to for the requirements to implement the system is \$87,000. The Agency shall reimburse the Department actual support costs up to a maximum of \$25,000 annually.

Division 1

Carolina Coastal Railway, Inc.
(CLNA)
Washington County
80000.3.1.9

This Rail Agreement covers approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist CLNA with the construction of an approximately 2,000 linear foot spur siding to serve Quality Mats and Seaboard Timber. CLNA shall perform the work. The Department shall participate in the cost of the project to the extent of 50% or up to \$170,000, whichever is less, of the total estimated cost of the spur construction. The estimated cost of the work is \$394,985.

Railroad Company, LLC dba
Chesapeake & Albemarle
Railroad
(NCVA dba CA)
Camden County
80000.1.4.26

This Rail Agreement covers approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist NCVA dba CA with infrastructure improvements necessary to the railroad. The project consists of a bridge repair located at milepost 41.5. CA will be responsible for performing the work. The Department will participate in the cost of the project to the extent of 50% or up to \$178,300, whichever is less. The estimated cost of the project is \$356,600. As a condition of the award, NCVA dba CA and the Department shall enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five years.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 1, cont.

County of Currituck
Currituck County
M-0492N
44527.1.15

This Project consists of the development of a Comprehensive Pedestrian Plan for the County. The Department is responsible for all phases of the Project and shall participate in funding up to \$42,000. The Municipality shall provide a local match of \$18,000 (30%) of the \$60,000 estimated Project costs.

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 (100%) of the approved eligible costs up to the maximum federal and state award amount of \$50,000.

Elizabeth City State University
(Middle School Program)
Dare County

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

Division 2

Carolina Coastal Railway, Inc.
(CLNA)
Pitt County
Wilson County
80000.1.4.27

This Rail Agreement covers approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist CLNA with infrastructure improvements necessary to the railroad. The project consists of repair work on 2 bridges at mileposts NS 138.5 and 184.9. The Department will participate in the cost of the project to the extent of 50% or up to \$53,000, whichever is less. The estimated cost of the project is \$106,000. As a condition of the award, CLNA and the Department shall enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five years.

Division 3

City of Wilmington
New Hanover County
50138.1.55

This Project consists of Installation of sidewalks, curb ramps, pedestrian signals, & crosswalks at the intersection of NC 132 (College Road) and SR 1272 (New Centre Drive). The Department shall be responsible for all phases of the Project. The Municipality shall assume maintenance of the sidewalk upon completion of the Project.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 3, cont.

City of Wilmington
New Hanover County
45333.3.FS27

This Project consists of the construction of an offset left turn lanes on NC 132 (College Road) and upgrade of pedestrian facilities to high visibility crosswalks with countdown pedestrian heads, at the intersection of Hoggard Drive /Hurst Drive (Non-System). The Department shall be responsible for all phases of the Project. The Municipality shall assume maintenance of the sidewalk upon completion of the Project.

Town of Carolina Beach
New Hanover County
44096.1.F16
44096.3.F16

This Project consists of the construction of a multi-use path on the south side of Cape Fear Boulevard from Third Street to Dow Road in Carolina Beach. This Supplemental Agreement is to amend the Project scope to construction the multi-use path on the south side of Cape Fear Boulevard from Sixth Street to Dow Road in Carolina Beach. Department's original participation is unchanged at \$425,639.

City of Wilmington
New Hanover County
U-5926
46873.1.1
46873.2.1
46873.3.1

This Project consists of roadway improvements along SR 1302 (23rd Street) to 26th Street in Wilmington. The Municipality has requested additional work along 26th Street (non-system), Kornegay Avenue (non-system) and MLK Jr. Parkway. The Department is utilizing state Economic Development funds to perform all phases of the Project. The total estimated project cost is \$6,072,000. The Municipality is participating in an amount of \$2,661,000, upon execution of the Agreement.

Town of Carolina Beach
New Hanover County
M-0492K
44527.1.12

This Project consists of the development of a Comprehensive Pedestrian Plan for the Municipality. The Department is responsible for all phases of the Project and shall participate in funding up to \$32,000. The Municipality shall provide a local match of \$8,000 (20%) of the \$40,000 estimated Project costs.

Town of Calabash
Brunswick County
44652.3.1

This Project consists of the installation of sidewalk along SR 1167 (Persimmon Rd.) from Bay Trail Drive to NC 179 (Beach Drive). The Department shall be responsible for all phases of the Project. The Municipality shall assume maintenance of the sidewalk upon completion of the Project.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 3, cont.

Town of Salemburg
Sampson County
36248.110
44735

This Project consists of repair and resurfacing of various streets (26) owned and maintained by the Municipality. The Department shall be responsible for all work. The Department shall use Contingency Funds to participate in the Project in an amount not to exceed \$300,000. The Municipality shall reimburse the Department for work performed by the Department in the amount of \$56,200 using the Municipality's Powell Bill Funds.

Division 4

Town of Nashville
Nash County
80015
75011

This Project consists of the installation of sidewalk on the south side of Eastern Avenue (US 64 Business) from Lowes Foods to east of SR 1003. This Supplemental Agreement is to amend the Project scope to include installation of curb and gutter, sidewalk, paving, etc., and removal of existing elements; and to increase funding. The Department's original participation was \$175,000. The Department will reimburse the Municipality an additional amount not to exceed \$21,100.

Town of Spring Hope
Nash County
42892

This Rail Agreement covers general cleanup of the Department's rail corridor from Ash Street eastward to Walnut Street, on the northwest side of West Nash Street for approximately 100 feet, and both sides of the intersection of the rail line at South Louisburg Road, all in Spring Hope. Cleanup shall include removal and disposal of all debris, grass mowing, and vegetation control. The Municipality will perform the work. The Department will reimburse the Municipality \$1,500 per year. The Agreement will remain in effect for 5 years (2016-2020). Estimated cost to the Department is \$7,500.

Division 5

City of Raleigh
Wake County
U-4901
39949.3.1

This Project consists of widening Falls of Neuse Road to a four-lane median-divided roadway from Raven Ridge Road to Fonville Road, continuing northeast on new location as a four-lane divided roadway connecting to New Falls of the Neuse Road in Wakefield. This Supplemental Agreement is for the Department to reimburse the Municipality an additional \$570,767 of Transportation Enhancement funds. The Municipality will provide \$142,692 as their local match.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 5, cont.

City of Raleigh
Wake County
B-5121
42263.3.1

This Project consists of the replacement of Bridge No. 227 on US-70/US-401/NC-50 (Capital Boulevard) over Peace Street, and Bridge No. 213 on US-70/NC -50 (Wade Ave) over US 401 (Capital Boulevard). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water and sewer lines. The Municipality shall reimburse the Department the cost of said utility work. The estimated reimbursement from the Municipality is \$5,201,857.25

Norfolk Southern Railroad
Company (NS)
Wake County
B-5121
42263.2.1

This Rail Agreement covers NS preliminary engineering and flagging costs for work within the operating railroad right-of-way located below the NS bridge over US 70/ NC 50 and Wade Avenue in Raleigh at milepost 231.79. The Department will be responsible for all costs incurred by NS. The estimated project cost is \$100,000.

CSX Transportation, Inc.
(CSXT)
Wake County
P-5500

This Rail Agreement covers the granting of a permanent nonexclusive easement by the Department to CSXT across a 0.2812 acre tract near the CSXT Line at Boylan Wye. This easement is required for the relocation of the S Line, which is a component of the construction of Raleigh Union Station. CSXT will use the easement for railroad purposes including construction, operation, maintenance, and renewal and replacement of railroad property. The Department reserves full access to the 0.2812 acre tract for maintenance purposes.

Vance Granville Community
College
Vance 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 College one-hundred percent (100%) of the approved eligible costs up to the maximum federal and state award amount of \$40,000.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 6

R. J. Corman Railroad
Company/Carolina Lines, LLC
(RJCS)
Columbus County
80000.1.4.28

This Rail Agreement covers approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to RJCS for track infrastructure improvements necessary for restoring service to RJCS. The improvements include track rehabilitation and repairing of 3 bridges. The Railroad will perform all phases of the work. The Department will participate in the cost of the work to the extent of 50% or up to \$415,625, whichever is less. The estimated cost of the project is \$831,250. As a condition of the award, RJCS and the Department shall enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five years.

City of Fayetteville
Cumberland County
M-04920
44527.1.16

This Project consists of the development of a Comprehensive Pedestrian Plan for the Municipality. The Department is responsible for all phases of the Project and shall participate in funding up to \$55,000. The Municipality shall provide a local match of \$55,000 (50%) of the \$110,000 estimated Project costs.

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 (100%) of the approved eligible costs up to the maximum federal and state award amount of \$58,449.

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 (100%) of the approved eligible costs up to the maximum federal and state award amount of \$40,000.

Division 7

City of Burlington
Alamance County
44509.1.1

This Project consists of planning activities for a five (5) year comprehensive transportation plan for the Burlington Graham Metropolitan Planning Organization (MPO) and the City of Burlington for the annual Unified Planning Work Program (UPWP). The Department will participate in eighty percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 7, cont.

NC 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 (100%) of the approved eligible costs up to the maximum federal and state award amount of \$58,449.

City of Greensboro
Guilford County

This Rail (Lease) Agreement is for space within the Depot to provide Amtrak services and was for a period of 30 years and included a lease re-negotiation option for every 5 year period. This Supplemental Agreement is for an increase in the lease rate from the current rate of \$7.50 per square foot to \$10.19 per square foot through this Supplemental Lease Agreement.

City of Greensboro
Guilford County
44509.1.9

This Project consists of planning activities for a five (5) year comprehensive transportation plan for the Greensboro Urban Area Metropolitan Planning Organization (MPO) and the City of Greensboro for the annual Unified Planning Work Program (UPWP). The Department will participate in eighty percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of High Point
Guilford County
44509.1.12

This Project consists of planning activities for a five (5) year comprehensive transportation plan for the High Point Urban Area Metropolitan Planning Organization (MPO) and the City of High Point for the annual Unified Planning Work Program (UPWP). The Department will participate in eighty percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

Piedmont Triad Airport Authority
Guilford County
AV-5708
46309.1.1
46309.3.1

This Project consists of design and construction of a Crossfield Taxiway System over I-73 in the Piedmont Triad International Airport. The Airport Authority shall be responsible for all phases of the work. The Department shall reimburse the Authority for each phase as work occurs. The estimated total costs for the entire Project are \$25,000,000.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 8

Town of Carthage
Moore County
M-0492L
44527.1.13

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Transportation Plan for the Town of Carthage. The Municipality is responsible for all phases of the Project. The Department shall allocate \$36,000 in SP&R and State funds. The Municipality shall provide a local match of \$4,000 for the estimated Project costs.

Aberdeen Carolina & Western
Railway
(ACWR)
Montgomery/Moore/Anson Cos.
80000.1.4.29

This Rail Agreement covers approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist ACWR with infrastructure improvements necessary to the railroad. The project consists of bridge repairs located at mileposts 23.1, 56.4, 338.5, and 346. ACWR will be responsible for performing the work. The Department will participate in the cost of the project to the extent of 50% or up to \$222,500, whichever is less. The estimated cost of the project is \$445,000. As a condition of the award, ACWR and the Department shall enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five years.

Division 9

City of Winston-Salem
Forsyth County
44509.1.17

This Project consists of planning activities for a five (5) year comprehensive transportation plan for the Winston-Salem Urban Area Metropolitan Planning Organization (MPO) and the City of Winston-Salem for the annual Unified Planning Work Program (UPWP). The Department will participate in eighty percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

Town of Rural Hall
Forsyth County
R-2247EC
34409.2.3.23

This Project consists of reconstruction of the interchange at US 52 with NC 65 on the Winston-Salem Northern Beltway. At the request of the Municipality, the Department shall include construction of sidewalks on the south side of HWY 65 from Angus Street to the US 52 bridge and on the north side of Hwy 65 from Forum Parkway to the US 52. The Municipality will provide 20% of the cost of the sidewalks. The estimated cost to the Municipality is \$15,195. The total estimated cost is \$60,781.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 9, cont.

City of Winston-Salem
Forsyth County
U-2827B
34872.3.4

This Project consists of pavement reconstruction, bridge replacements, and interchange modifications from west of Fourth Street to east of Church Street; and Phase 1 of the Multi-Use Path from Fourth Street to Liberty Street on US 421 / I-40 Business in Winston-Salem. The Department shall include provisions for the construction of pedestrian facilities, aesthetic enhancements for sidewalks, retaining walls, lighting, and bridges. The Municipality shall reimburse the Department a lump sum amount for the betterments. The lump sum amount from the Municipality is \$6,433,570.

Division 10

City of Concord
Cabarrus County
44509.1.3

This Project consists of planning activities for a five (5) year comprehensive transportation plan for the Cabarrus-Rowan Metropolitan Planning Organization (MPO) and the City of Concord for the annual Unified Planning Work Program (UPWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Charlotte
Mecklenburg County
U-4950
44509.1.14
44509.1.19

This Project consists of planning activities for a five (5) year comprehensive transportation plan for the Charlotte Regional Transportation Planning Organization (CRTPO) and the City of Charlotte for the annual Unified Planning Work Program (UPWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Charlotte
P-5705
Mecklenburg County

This Rail Agreement Addendum amends the Municipal Agreement executed on May 26, 2015 to further describe the Department's use of proceeds from the sale of the Main Block property to the Municipality and to describe actions that the Department and the Municipality will be taking relative to the acceptance of the USDOT TIGER VII grant including a delineation of management and scope of work responsibilities as related to the Charlotte Gateway Station.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 10, cont.

E-Z Parking, Inc.
Mecklenburg County
32213

The Department (Lessor) and the Lessee propose to enter into a Lease Agreement to use the Lessor's property for commercial parking purposes. The Lease includes the terms and conditions by which the Lessee shall occupy and operate the real property located at 531 West Fourth Street in Charlotte. The Lease will begin February 1, 2016 and will continue for a period of one (1) year with an option to renew for up to one (1) additional year. The Lessee shall pay the Lessor a monthly lease amount of \$15,477 per month for January thru July and \$20,997 per month for August thru December for a total of \$213,324 annually.

Division 11

County of Surry
Surry County
11.108613

This Project consists of the removal of existing trees and installing landscape plantings at the southwest quadrant of the south bound lane at the interchange of I-77 and NC 89 (Exit 100). The Department shall develop the landscape design, prepare plans and site and install the plantings. The County shall assume maintenance of the plantings after one year.

Division 12

City of Hickory
Catawba County
C-5196
46248.2.F1
46248.3.F1

This Project consists of intersection improvements at several intersections in Hickory. This Supplemental Agreement is to modify the project scope and increase funding. The Department agrees to reimburse the Municipality and additional \$1,544,000 in CMAQ funds. The Municipality shall provide a local match and all costs that exceed the total estimated cost of \$4,621,250.

City of Newton
Catawba County
M-0492R
44527.1.19

This Project consists of the development of a Comprehensive Pedestrian Plan for the City of Newton. The Municipality shall be responsible for all phases of the project. The Department shall participate in the Project costs up to a maximum of \$42,000 (70%). The Municipality will provide a local match in the amount of \$18,000 (30%) and all costs that exceed the total estimated cost of \$60,000.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 12, cont.

City of Gastonia
Gaston County
44509.1.7

This Project consists of planning activities for a five (5) year comprehensive transportation plan for the Gaston-Cleveland-Lincoln Metropolitan Planning Organization (MPO) and the City of Gastonia for the annual Unified Planning Work Program (UPWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

Town of Cramerton
Gaston County
M-0492M
44527.1.14

This Project consists of the development of a Comprehensive Bicycle Plan for the Town of Cramerton. The Municipality shall be responsible for all phases of the project. The Department shall participate in the Project costs up to a maximum of \$36,000 (90%). The Municipality will provide a local match in the amount of \$4,000 (10%) and all costs that exceed the total estimated cost of \$40,000.

Division 13

Blue Ridge Southern Railroad
(BLU)
Buncombe/Haywood/Jackson
Cos. 80000.1.4.31

This Rail Agreement covers approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist BLU with infrastructure improvements necessary to the railroad. The project consists of the rehabilitation of eight bridges on the BLU T line at mileposts T 11, 36.9, 38, 39.6, 40.1, 40.3, 40.5, and 44. BLU will be responsible for performing the work. The Department will participate in the cost of the project to the extent of 50% or up to \$70,300.72, whichever is less. The estimated cost of the project is \$140,601.44. As a condition of the award, BLU and the Department shall enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five years.

Isothermal Planning &
Development Commission
Cleveland, McDowell, Polk and
Rutherford Counties
41794.12

This Project consists of the development of a regional bicycle plan for the four-county region of Cleveland, McDowell, Polk and Rutherford that is served by the Isothermal Planning & Development Commission. The Agency is responsible for all phases of the work. The Department will participate up to \$235,000 in State funds. The Agency shall be responsible for all costs that exceed this amount.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 13, cont.

Town of Spindale
Rutherford County
M-0492S
44527.1.20

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the Town of Spindale. The Department shall participate in the Project costs up to a maximum of \$36,000 (90%). The Municipality will provide a local match in the amount of \$4,000 (10%). The estimated project costs are \$40,000.

Division 14

City of Brevard
Transylvania County
U-5104
41902.3.1

This Project consists of improvements to US 64 Business from SR 1349 (West Main Street) to US 64 in Brevard. This Supplemental Agreement is for betterment costs associated with the Project. The Municipality shall reimburse the Department one hundred percent (100%) of the actual costs which include \$232,645 for stamped crosswalk at Jordan Street, Main Street and Probart Street and \$10,800 for the installation of two (2) water valves between Probart Street and Main Street. The estimated reimbursement from the Municipality is \$243,445.

Village of Flat Rock
Henderson County
M-0492P
44527.1.17

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the Village of Flat Rock. The Department shall participate in the Project costs up to a maximum of \$36,000 (90%). The Municipality will provide a local match in the amount of \$4,000 (10%). The estimated project costs are \$40,000.

Town of Laurel Park
Henderson County
M-0492Q
44527.1.18

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the Town of Laurel Park. The Department shall participate in the Project costs up to a maximum of \$36,000 (90%). The Municipality will provide a local match in the amount of \$4,000 (10%). The estimated project costs are \$40,000.

NCDOT May 5, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 29 Agreements for informational purposes only.

Division 1

Town of Edenton
Chowan County
3601.3.09

This Project consists of the construction 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 the 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. This Supplemental Agreement is to provide additional funding in the amount of \$20,500. The Department's original participation was \$60,000. The Municipality shall participate in construction cost in an amount of \$15,000. The Department shall participate in the Project costs in the amount of \$80,500 and all costs that exceed the total estimated Project cost of \$95,500.

Town of Ahoskie
Hertford County
3601.3.11

This Project consists of the construction of a 5 foot sidewalk along SR 1415 (Dr. Martin Luther King, Jr. Drive) from SR 1416 (Holloman Avenue) to Malibu Drive. The Department shall be responsible for all phases of the Project. The Municipality shall assume maintenance of the sidewalk upon completion of the Project. This Supplemental Agreement is to provide additional funding in the amount of \$30,000. The Department's original participation was \$92,000. The Municipality shall participate in construction cost in an amount of \$23,000. The Department shall participate in the costs in the amount of \$122,000 and all Project costs that exceed the total estimated Project cost of \$145,000.

Town of Murfreesboro
Hertford County
3601.3.12

This Project consists of the construction of a 5 foot sidewalk along SR 1179 (Union Street) from High Street to Sewell Street, programmed under WBS Element 3601.3.12. The Department shall be responsible for all phases of the Project. The Municipality shall assume maintenance of the sidewalk upon completion of the Project. This Supplemental Agreement is to provide additional funding in the amount of \$25,000. The Department's original participation was \$32,000. The Municipality shall participate in construction cost in an amount of \$8,000. The Department shall participate in the Project costs in the amount of \$57,000 and all costs that exceed the total estimated Project cost of \$65,000.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 2

Town of Emerald Isle
Carteret County

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

North Carolina Department of
Natural and Cultural Resources
Carteret County
36249.3633

This Project consists of placement of an asphalt rejuvenator product to all parking and paved access areas at the North Carolina Aquarium at Pine Knoll Shores. The Project also includes the installation of painted pavement markings, symbols and characters at existing locations after the asphalt rejuvenator product is applied. The total area of pavement to be treated with the asphalt rejuvenator product is approximately 219,000 square feet. The Municipality shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$29,090.

North Carolina Wildlife
Resources Commission
Craven County
36249.3471

This Project consists of grading, drainage, and base improvements to Catfish Lake Farm Road. The specified road inside the public game lands is accessed off SR1100 (Catfish Lake Road). The Department shall be responsible Construct 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 \$150,000.

Division 3

City of Wilmington
New Hanover County
36249.3622

This Project consists of signal plan modifications and work to install pedestrian upgrades at US 117 / NC 132 (College Road) and SR 2313 (Whilshire Boulevard) [SIN 03-0237]. The Department is responsible for all phases of work. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of work performed by the Department. The estimated reimbursement is \$41,250.

Jim Cooper Construction
New Hanover County
36249.3618

This Project consists of traffic signal review and inspection for the traffic signal modifications at NC 133 (Castle Hayne Road) and SR 1322 (North Kerr Avenue) [SIN 03-0191] related to the Trasco Distribution Center. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 3, cont.

City of Wilmington
New Hanover County
36249.3620

This Project consists of traffic signal review and inspection for the traffic signal modifications at 5th Street at US 76 eastbound (Dawson Street) and US 76 westbound (Wooster Street). The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

City of Wilmington
New Hanover County
36249.3624

This Project consists of traffic signal review and inspection for the traffic signal at SR 1175 (Kerr Avenue) and SR 2313 (Wilshire Boulevard) [SIN 03-0332]. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Walmart Stores, Inc.
Pender County
36249.3619

This Project consists of traffic signal review and inspection for the traffic signal along NC 53 at US 117 and the Walmart driveway. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$10,000.

J.C.C.M. Properties, Inc.
Onslow County
36249.3621

This Project consists of traffic signal review and inspection for the traffic signal at NC 53 (Western Boulevard) and Forum Road / Dennis Road related to the Western Forum development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Signature Pender County NC,
Ltd.
Pender County
36249.3623

This Project consists of traffic signal review and inspection for the traffic signal at US 17 & SR 1563 (Sloop Point Loop Road) [SIN 03-0585] related to the Wyndwater Development. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Division 5

City of Durham
Durham County
2016CPT.05.25.10321.1

This Project consists of the milling and resurfacing of US 70 Bus WB and NC 98 Downtown Durham Northern Loop (Great Jones, Morgan, and Liberty Streets) following the City of Durham's waterline replacement project. The Municipality shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$60,000.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 5, cont.

City of Durham
Durham County
43654.3.1

This Project consists of rebuilding 6 manholes as part of the construction of a mini-roundabout at the intersection of SR 1407 (Carver Street) at Broad Street/Kenan Road in Durham. The Department is responsible for the phases of the work. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated cost is \$21,013.

Reliabuilt, LLC
Wake County
36249.3628

This Project consists of the upgrades to signal at Ten Ten Road (SR 1010) and West Lake Road (SR 1387). 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 work. The estimated reimbursement is \$5,000.

Town of Wake Forest
Wake County
U-5515
55056.1.1
55056.2.F1
55056.3.F1

This Project consists of the construction of improvements to SR 1930 (Stadium Drive), US 1 to SR 1954 (North Wingate Street) in Wake Forest. This Supplemental Agreement is to include the completion date for the Project. The Municipality shall complete all work outlined in the Agreement within five years of authorization of Federal funds for the right of way phase of work or by November 13, 2020.

HRCF-IV Trinity Apex
Investments, LLC
Wake County
36249.3612

This Project consists of improvements to the US 1/NC 55 interchange in Apex. The Developer shall reimburse the Department \$600,000 upon receipt of an approved driveway and encroachment permit. If necessary, the Developer agrees to provide an additional \$150,000 for the Project within sixty days of invoicing by the Department.

Division 7

City of Burlington
Alamance County
ER-2971G
3607.3.16

This Project consists of sidewalk improvements on the east side of SR 1716 (Graham Hopedale Road) from Wilkins Street to North Ashland Drive in Burlington. This Supplemental Agreement is to extend the date for completion of the Project to July 31, 2017 in lieu of December 16, 2015.

City of Greensboro
Guilford County
U-5505
46290.3.1

This Project consists of realignment and relocation of the Fleming Road intersection with Isaacson Boulevard in Greensboro. This Supplemental Agreement is to extend the date for completion of the Project to September 25, 2017 in lieu of October 31, 2015.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 7, cont.

City of High Point
Guilford County
B-5358
4607.1.1

This Project consists of replacement of Bridge No. 428 on Model Farm Road over a branch of Richland Creek in High Point. This Supplemental Agreement is to extend the date for completion of the Project to September 30, 2017 in lieu of May 26, 2016.

Division 8

Town of Pittsboro
Chatham County
ER-2971H
3608.3.07

This Project consists of construction of new concrete sidewalk along SR 1967 (Pittsboro Elementary School Road) in Pittsboro. This Supplemental Agreement is to extend the date for completion of the Project to September 30, 2016 in lieu of June 30, 2015.

Division 10

Armstrong Garden Center, Inc.
Mecklenburg County
36249.3626

This Project consists of the modification of the existing traffic signal at the intersection of NC 51 and the Northeast Parkway in Matthews. 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 work. The estimated reimbursement is \$5,000.

Bank of the Ozarks
Cabarrus County
36249.3631

This Project consists of modification to the existing signal at the intersection of NC 49 and Main Street in Harrisburg. 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 work. The estimated reimbursement is \$5,000.

Division 11

County of Watauga
Watauga County
44737

This Project consists of paving the entrance to the Watauga County Emergency Response Base located at the intersection of US 321 and Willowdale Church Road. The County shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$25,000. Costs which exceed this amount shall be borne by the County.

NCDOT May 5, 2016 Board of Transportation Agenda

Division 11, cont.

Town of Boone
Watauga County
36249.3629

This Project consists of the installation of pedestrian signals at the intersection of NC 105 and State Farm Road (NS) in Boone. The Department shall be responsible for all phases of work. The Municipality shall reimburse the Department one-hundred percent (100%) of the actual costs of the work performed by the Department. The estimated total reimbursement from the Municipality is \$21,000.

Blowing Rock Country Club, Inc.
Watauga County
R-2237C
34402.3.7

This Project consists of US 321 from south of SR 1500 (Blackberry Road) to US 221 at Blowing Rock. At the request of the Developer and in conjunction with STIP Project R-2237C, the additional work includes widening, grading, paving, and pavement markings for a turn lane on Country Club Drive at US 321. The Developer shall reimburse the Department one-hundred percent (100%) of the cost of all work performed by the Department. The estimated reimbursement from the Developer is \$21,545.29.

Division 12

Ryan Companies
Iredell County
36249.3627

This Project consists of the proposed signal work associated with the Langtree Charter School located along Waterlyn Road near the intersection of US 21. The Department will review and inspect the traffic signal plans and inspect the traffic signal installation. The Developer will reimburse the Department one-hundred percent (100%) of the actual costs of the Department's work. The estimated reimbursement is \$5,000.

Ryan Companies
Iredell County
36249.3625

This Project consists of traffic signal installation at US 21/ NC 115 at Crosstie Lane in Troutman. The signal work is associated with the Troutman Charter School located along US 21/NC 115 near the intersection of Crosstie Lane. The Department will review the traffic signal plans and inspect the traffic signal inspection. The Developer will reimburse the Department one-hundred percent (100%) of the actual costs of the Department's work. The estimated reimbursement is \$5,000.

NCDOT May 2016 Board of Transportation Agenda

Approval of Municipal Street System Changes

Deletions from the State Highway System

Division	County	Municipality	Road	Termini	Length
7	Orange 2016_05_M001	Chapel Hill	SR 1800	To delete (SR 1800) Service Road (Adjacent to Eastgate)	0.07
8	Randolph 2016_05_M001	Trinity	SR 1854	To delete (SR 1854) Kimberly Lane from SR 1702 to end of maintenance	0.40
			SR 3197	To delete (SR 3197) Circle Court to end of maintenance	0.13

Correction To The State Highway System

Division	County	Municipality	Road	Termini	Length
9	Forsyth CC_33_05-16_1	Lewisville	SR 1304	To correct the abandonment mileage of (SR 1304) Plemmons Road on the September 2005 BOT Agenda. A total length of 0.41 miles of SR 1304 in Forsyth County was approved on September 6, 2005 to be deleted from state-maintained and transferred to the City of Lewisville to maintain. The actual length maintained at the time was 0.36 miles. The correct length to the City corporate limits that should have been transferred was 0.24. This correction is also to reestablish the remaining 0.11 miles as state- maintained.	0.11

NCDOT May 2016 Board of Transportation Agenda

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

Preliminary Right of Way Plans

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

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

The rights of way for the location, construction, relocation, and control of access of highways embraced in the below projects shall be as shown in detail on the preliminary right of ways plans and drawings for said projects on file in the Right of Way Unit 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 Unit to acquire right of way on the below projects either by negotiation or by condemnation through the Attorney General's Office.

(Division 3)

Onslow County; I.D. No. U-5719; Project No. 50117.2.1:

US 258 (Richlands Highway) at SR 1219 (Blue Creek Road) / SR 1396 (Ridge Road)

(Division 4)

Johnston County; I.D. No. W-5204D; Project No. 45334.2.4:

NC 210 from SR 1309 (Old Fairground Road) to NC 50 and NC 210 West of I-40 Eastbound Ramps

(Division 5)

Wake County; I.D. No. B-4655; Project No. 38455.2.1:

Bridge No. 277 over Black Creek on SR 1006

Wake County; I.D. No. U-5118AE; Project No. 42379.2.30:

Apex – NC 55 and Olive Chapel Road at Apex Peakway Intersections

Granville County; I.D. No. B-5166; Project No. 42342.2.1:

Bridge No. 138 over Grassy Creek on SR 1300

Preliminary Right of Way Plans (continued)

(Division 9)

Rowan County; I.D. No. C-4908G; Project No. 44008.2.F7:
US 70 (Statesville Boulevard) to US 601 (Jake Alexander Boulevard)

(Division 10)

Mecklenburg County; I.D. No. C-5541; Project No. 51011.2.1:
Construct a sidewalk on Southwest Side, Providence Road in Charlotte

(Division 12)

Iredell County; I.D. No. C-5200; Project No. 46251.2.1:
NC 115 and NC 150 in Morrisville, construct Southbound NC 115 right turn lane at NC 150 and Westbound NC shared Through-Right Lane at NC 115

(Division 14)

Henderson County; I.D. No. R-5207C; Project No. 45393.2.5:
SR 1006 (Howard Gap Road) from SR 1539 (Jackson Road) to US 25 in Fletcher

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 5)**Project No. 42329.2.1; Granville County; I.D. No. B-5171:**

Grading, drainage, paving and structure on Bridge No. 125 over Aaron's Creek on SR 1400 (Grassy Creek Road) with the right of way indicated upon the final plans for said project.

(Division 7)**Project No. 46058.2.1; Guilford County; I.D. No. B-5344:**

Grading, drainage, paving and structure on Bridge No. 161 over South Buffalo Creek on SR 2821 (Harvest Road) with the right of way indicated upon the final plans for said project.

(Division 11)**Project No. 42308.2.1; Ashe County; I.D. No. B-5147:**

Grading, drainage, paving and culvert on Bridge No. 327 over Little Buffalo Creek on SR 1509 (Claybank 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. 34416.2.5; I.D. No. R-2303D; 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) 27 as presented at the May 5, 2016 Board of Transportation Meeting.

(Division 11)**Project No. 36109.80.20 / 8.4700101; I.D. No. N/A; Wilkes County:**

Final Right of Way plans approved on the minutes of the May 19, 1978 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 5, 2016 Board of Transportation Meeting.

Project No. 36109.80.20 / 9.8110419; I.D. No. U-0214A; Watauga County:

Final Right of Way plans approved on the minutes of the December 10, 1976 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 5, 2016 Board of Transportation Meeting.

REVISION FINAL ROW PLANS**3 PROJECT(S)****\$0.00**

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 1)

**Project 6.149002B, Parcel R-2548C 902, US 64 Expansion East near Creswell
Washington County**

Conveyance of an approximate 0.830-acre landlocked residue area to Darrel Davenport, the only interested adjacent owner, for the appraised value of \$4,320.00.

**Project 6.149006T, Parcel R-2548A 049, US 64 from NC 45 East of Plymouth to
West of SR 1126 Southeast of Roper
Washington County**

Conveyance of an approximate 0.398-acre residue area to Giles Ervin Stalling, Jr., the only interested adjacent owner, for the appraised value of \$600.00.

(Division 3)

**Project 17BP.3.R.18, Parcel 031SR1554 004, Bridge No. 140 over Burnt Coat Creek
and Bridge No. 351 over Maxwell Mill Pond
Duplin County**

Conveyance of an approximate 0.335-acre residue area to William Denmark and wife, Jackie Denmark, the only adjacent owners, for the appraised value of \$900.00.

(Division 5)

**Project 6.801782, Parcel U-0063B 016, I-440 from Poole Road to Lake Wheeler
Road
Wake County**

Conveyance of an approximate 1.500-acre residue area to the City of Raleigh, for no monetary consideration. If the land use changes to anything other than for the Walnut Creek sewer interceptor project, the property shall revert back to the Department. If any portion of the property is needed for future transportation uses, the City of Raleigh will convey back to the Department the portion needed for transportation uses at no cost.

(Division 7)

**Project 34482.2.2, Parcel R-2611 015, SR 1008 West Market Street) from SR 2007
(Bunker Hill Drive)) at Colfax to NC 68
Guilford County**

Conveyance of an approximate 0.359-acre residue area to The Wesleyan Church, for the high bid amount of \$15,000.00.

**Project 6.498014T/6.498009T, Parcel U-2524AC 806 and U-2524A 951, Greensboro
Urban Loop
Guilford County**

Conveyance of an approximate 0.854-acre residue area to Keystone Group, Inc., for the high bid amount of \$6,200.00.

Approval of conveyance of Highway Right of Way Residues (continued)

(Division 7) (continued)

Project 34802.2.3, Parcel U-2412B 051, SR 1486/SR1421 (Greensboro/High Point Road) from SR 4228 (Vickrey Chapel Road) to SR 1424 (Hilltop Road)

Guilford County

Conveyance of an approximate 0.907-acre landlocked residue area to Barry Siegal and Claudia Siegal; and M. Willard Tucker and Barbara Tucker, the only interested adjacent owners, for the appraised value of \$22,925.00.

Project 34429.2.2/6.499010T, R-2413A 919, Future I-73 from SR 2011 (Edgefield Road) to SR 2127 (Brook Bank Road)

Guilford County

Conveyance of an approximate 2.270-acre residue area to Arthur M. Ihrig and Ann S. Ihrig, Trustees under the Ihrig Living Trust dated March 15, 2000 as part settlement of an inverse condemnation, for no monetary consideration.

Project 34867.1.2, Parcel U-2815C 004, Benjamin Parkway Relocation

Guilford County

Conveyance of an approximate 0.410-acre residue area to Gail Coleman, for the high bid amount of \$108,000.00.

Project 34820.2.19, Parcel U-2524D 079C, Greensboro Western Loop from US 220 (Battleground Avenue) to SR 2303 (Lawndale Drive)

Guilford County

Conveyance of an approximate 0.070-acre residue area to Gail Coleman, for the high bid amount of \$85,100.00.

(Division 11)

Project 35579.2.1, Parcel R-3405 207, NC 18 from SR 1002 (Mountain View Road) to SR 1717 (Yellow Banks Road)

Wilkes County

Conveyance of an approximate 0.066-acre residue area to Center Baptist Church of North Wilkesboro, N.C., the only interested adjacent owner, for the high bid amount of \$505.00.

Approval of conveyance of Surplus Highway Right of Way

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

(Division 5)

**Project 6.803322, Intersection of Edwards Mill Road and Crabtree Valley Avenue
Wake County**

Conveyance of an approximate 0.710-acre surplus right of way area to the City of Raleigh, for no monetary consideration. If the land use changes to anything other than for transportation or park, the property shall revert back to the Department. If any portion of the property is needed for future transportation uses, the City of Raleigh will convey back to the Department the portion needed for transportation uses at no cost.

Approval of Revision in Control of Access

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

(Division 3)

**Project 6.804121, US 421 from North of NC 210 to South of Pender-New Hanover County Line
Pender County**

Grant of a revision in the existing control of access to Pender EMS and Fire, Inc. for a new 100 foot break along US 421 near SR 1114 (Blueberry Road) in Currie, for no monetary consideration.

(Division 9)

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

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

(Division 14)

**Project 8.3.19114, US 19 and US 129 near Murphy City Limits to SR 1370
Cherokee County**

Grant of a revision in the existing control of access to Preston Kendall for a new 60 foot break along US 19/74/129 near SR 1456 (Wells Connector Road in Murphy, for the enhancement value of \$36,000.00.

APPROVAL OF REVISION IN C/A

3 PROJECT(S)

\$36,000.00

R-ITEM SUMMARY

30 PROJECT(S)

TOTAL: \$279,550.00

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

On August 6, 2015 the Board of Transportation approved an allocation of Maintenance funds in accordance with the Continuing Resolution for Maintenance, General Maintenance Reserve, Pavement Preservation, and Contract Resurfacing and in accordance with the House recommended budget for Bridge Program for a total of \$1,094,070,501. Following the ratification of the House Bill 97, a supplemental allocation in the amount of \$244,636,337 was approved on October 8, 2015.

The staff recommends the distribution of funds to Primary Road and Bridge Maintenance as follows:

- \$148,316 for technical support of Roadway Lighting Performance Contract

The staff recommends distributing funds to State and Federal Obligations as follows:

- \$150,000 Primary System to supplement funding for ADA Ramps Inventory
- \$159,143 Secondary System to supplement funding for ADA Ramps inventory

The staff recommends the following distribution of funds to Secondary Research and Development:

- \$2,500,000 for a Non-System Survey as directed by SB119, Section 90.5, Sections 29.17E(c) & (e)

The staff also recommends distributing \$346,409 of Contract Resurfacing funds and \$60,980 of Pavement Preservation funds – made available as a result of FY 2016 Retirement and Medical Rate increases and the \$750 State Employee bonus – as follows:

Contract Resurfacing

- \$265,000 to Stokes County for the widening of NC-8
- \$81,409 for the purpose of Pavement Condition Assessments on the Secondary system

Pavement Preservation

- \$60,980 for Assessment on the Secondary System

Staff recommended distributions are detailed on Page 2.

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

<u>SCHEDULE I – PRIMARY SYSTEM</u>	<u>PREVIOUS ALLOCATIONS</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
Road and Bridge Maintenance	53,540,738	148,316	53,689,054
State and Federal Obligation	14,427,500	150,000	14,577,500
Asset Maintenance and Operation	13,275,000	-	13,275,000
Research and Development	950,000	-	950,000
Emergency	66,000,000	(298,316)	65,701,684
SUBTOTAL	\$148,193,238	\$0	\$148,193,238
<u>SCHEDULE II – SECONDARY SYSTEM</u>			
Road and Bridge Maintenance	276,191,025	-	276,191,025
State and Federal Obligation	2,582,500	159,143	2,741,643
Asset Maintenance and Operation	5,850,000	-	5,850,000
Research and Development	600,000	2,500,000	3,100,000
Emergency	25,000,000	(2,659,143)	22,340,857
SUBTOTAL	\$310,223,525	\$0	\$310,223,525
<u>SCHEDULE III – GENERAL MAINTENANCE RESERVE</u>			
Road and Bridge Maintenance	96,586,010	-	96,586,010
State and Federal Obligation	20,000	-	20,000
Asset Maintenance and Operation	2,000,000	-	2,000,000
Emergency	2,000,000	-	2,000,000
SUBTOTAL	\$100,606,010	\$0	\$100,606,010
<u>SCHEDULE IV – BRIDGE PROGRAM</u>	\$212,661,451	\$0	\$212,661,451
<u>SCHEDULE V – PAVEMENT PRESERVATION</u>	\$100,000,000	\$60,980	\$100,060,980
<u>SCHEDULE VI – CONTRACT RESURFACING</u>	\$467,022,614	\$346,409	\$467,369,023
GRAND TOTAL	\$1,338,706,838	\$407,389	\$1,339,114,227

Item S Summary: 4 Actions totaling \$407,389

April 15, 2016

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Branch

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

The Transportation Planning Branch has worked cooperatively with Richmond County, and the incorporated municipalities within the county, on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Richmond County on April 5, 2016; the City of Rockingham on April 12, 2016; the Town of Hamlet on March 8, 2016; the Town of Dobbins Heights on March 10, 2016; the Town of Hoffman on March 7, 2016; the Town of Ellerbe on March 7, 2016; and the Town of Norman on March 7, 2016. The Lumber River RPO endorsed the plan on March 22, 2016.

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=Richmond County](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Richmond%20County)

The Transportation Planning Branch recommends the mutual adoption of the Richmond County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of April 13, 2016.

Sincerely,

A handwritten signature in black ink, appearing to read 'Patrick Norman', with a long horizontal flourish extending to the right.

Patrick Norman, P.E.
Director, Division of Planning and Programming
(For Manager, Transportation Planning Branch)

Attachment

May 5, 2016

Adopted by:

Richmond County
Date: April 5, 2016

City of Rockingham
Date: April 12, 2016

Town of Hamlet
Date: March 8, 2016

Town of Dobbins Heights
Date: March 10, 2016

Town of Hoffman
Date: March 7, 2016

Town of Ellerbe
Date: March 7, 2016

Town of Norman
Date: March 7, 2016

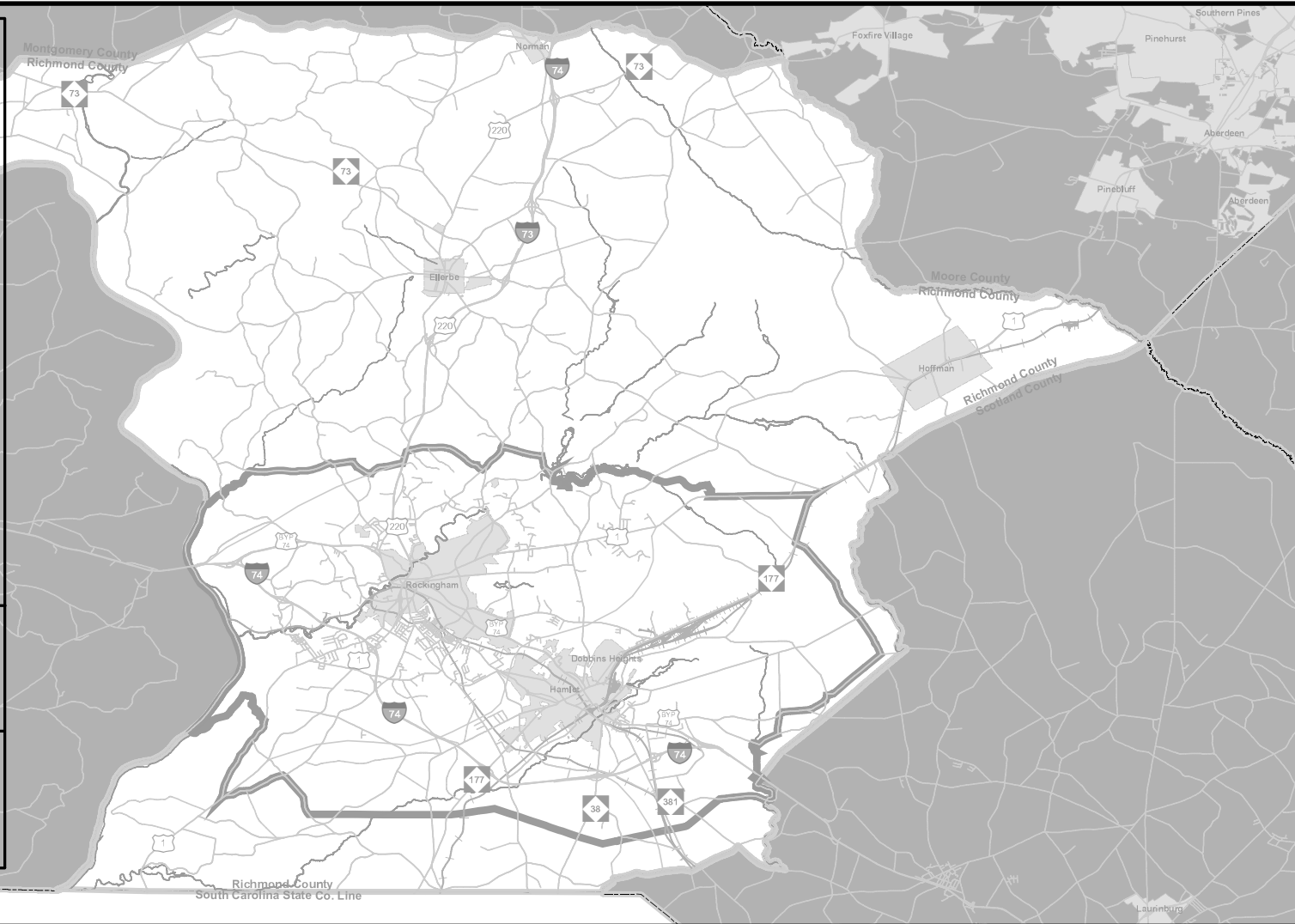
NCDOT
Date:

Endorsed by:

Lumber River RPO
Date: March 22, 2016

Recommended by:

Transportation Planning Branch
Date: April 13, 2016



Sheet 1 **Adoption Sheet**

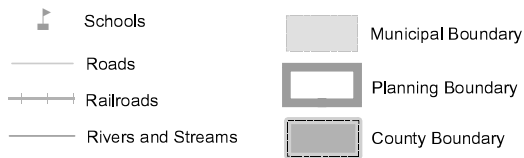
Sheet 2 **Highway Map**

Sheet 3 **Public Transportation
and Rail Map**

Sheet 4 **Bicycle Map**

Sheet 5 **Pedestrian Map**

Legend



0 0.5 1 2 3 Miles

Sheet 1 of 5



Base map date: June 24, 2015

Refer to CTP document for more details

Adoption Sheet
Richmond County
North Carolina
Comprehensive
Transportation Plan
Plan date: March 7, 2016

G.S. 150B-21.3A Report for 19A NCAC Chapter 02, Division of Highways									
Agency - Transportation, Department of									
Comment Period - Filled in by Agency									
Date Submitted to APO - Filled in by RRC staff									
Subchapter	Rule Section	Rule Citation	Rule Name	Date and Last Agency Action on the Rule	Agency Determination [150B-21.3A(c)(1)a]	Implements or Conforms to Federal Regulation [150B-21.3A(e)]	Federal Regulation Citation	Public Comment Received [150B-21.3A(c)(1)]	Agency Determination Following Public Comment [150B-21.3A(c)(1)]
	SECTION .0500 - FERRY OPERATIONS								
		19A NCAC 02D .0531	FREE OPERATIONS	Amended Eff. July 7, 2014	Unnecessary	No		No	Unnecessary
		19A NCAC 02D .0532	TOLL OPERATIONS	Amended Eff. July 7, 2014	Unnecessary	No		No	Unnecessary
	SECTION .0200 – OUTDOOR ADVERTISING								
		19A NCAC 02E .0221	FEES	Amended Eff. February 1, 2004	Necessary with substantive public interest	No		No	Necessary with substantive public interest
	SECTION .1100 – TOURIST-ORIENTED DIRECTIONAL SIGN PROGRAM	19A NCAC 02E .1101	TOURIST-ORIENTED DIRECTIONAL SIGN (TODS) PROGRAM	Eff. August 1, 2004	Necessary without substantive public interest	Yes If yes, include the citation to the federal law	23 USC 109(d) and 23 CFR Part 655.603	No	Necessary without substantive public interest
		19A NCAC 02E .1102	DEFINITIONS	Eff. August 1, 2004	Unnecessary	No		No	Unnecessary
		19A NCAC 02E .1103	LOCATION OF TODS	Eff. August 1, 2004	Necessary with substantive public interest	Yes If yes, include the citation to the federal law	23 USC 109(d) and 23 CFR Part 655.603	No	Necessary with substantive public interest
		19A NCAC 02E .1104	ELIGIBILITY FOR PROGRAM	Eff. August 1, 2004	Unnecessary	No		No	Unnecessary
		19A NCAC 02E .1105	COMPOSITION OF SIGNS	Eff. August 1, 2004	Necessary with substantive public interest	Yes If yes, include the citation to the federal law	23 USC 109(d) and 23 CFR Part 655.603	No	Necessary with substantive public interest
		19A NCAC 02E .1106	FEES	Eff. August 1, 2004	Necessary with substantive public interest	No		No	Necessary with substantive public interest
		19A NCAC 02E .1107	CONTRACTS WITH THE DEPARTMENT	Eff. August 1, 2004	Unnecessary	No		No	Unnecessary
		19A NCAC 02E .1108	APPEAL OF DECISION	Eff. August 1, 2004	Unnecessary	No		No	Unnecessary

RESOLUTION FOR BILLY RAY BAILEY

WHEREAS, Billy Ray “B.R.” Bailey was born on September 17, 1931 and raised at Cane River in Yancey County; and

WHEREAS, Billy Ray Bailey served honorably in the United States Army, becoming a veteran of the Korean War; and

WHEREAS, Billy Ray Bailey educated generations of children from Yancey County during his 35 years of teaching. He served as a math teacher at Cane River High School and a drafting teacher at Mountain Heritage High School. He taught hard work, dedication, leadership and to believe and trust in high moral and spiritual standards; and

WHEREAS, Mr. Bailey was also the advisor over the VICA Club, an organization helping students develop skills for a rewarding career; and

WHEREAS, Billy Ray Bailey served as Sunday School Superintendent at Cane River Baptist Church where he was a lifelong member and taught a Sunday School Class for teenage kids. He also served on the Board of Deacons for 10 years; and

WHEREAS, Mr. Bailey was duly elected by the citizens of Yancey County to serve in the Office of Commissioner for the Yancey County Board of Commissioners for five terms; and

WHEREAS, until his death in 2012, Mr. Bailey stood as a pillar of the Yancey County community, representing the ideals that the citizens of Yancey County hold true; and

WHEREAS, the Yancey County Board of Commissioners request to name the S.R. 1379 Bridge #134 in Yancey County west of Burnsville in honor of Billy Ray Bailey.


NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names Bridge #134 on Whittington Road (S.R.1379) over the Cane River in Yancey County as the ***Billy R. Bailey Bridge***.

That appropriate signs will be erected at a suitable time.

Adopted, this the fifth day of May 2016 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR REBA AND GRADY MORETZ

WHEREAS, Reba and Grady Moretz have served as board members and volunteers for Appalachian State University, Appalachian Regional Healthcare System, the North Carolina Ski Areas Association and the Watauga County Board of Education; and

WHEREAS, Reba and Grady Moretz own Appalachian Ski Mountain where they host Special Olympics ski days as well as the Wounded Warrior Project ski competitions for veterans to honor, show support and raise awareness for the men and women wounded in military service; and

WHEREAS, Reba and Grady Moretz promote health and wellness through the offering of thousands of reduced-priced ski tickets and learn-to-ski programs to school children; and

WHEREAS, Reba and Grady Moretz have been financial supporters for 40 different areas of Appalachian State University; and

WHEREAS, Reba and Grady Moretz have received numerous awards and recognitions, most notably the prestigious Order of the Long Leaf Pine, NC Tourism Leaders of the 20th Century and the NC Governor's Conference on Travel and Tourism Winner's Circle; and

WHEREAS, the Town of Blowing Rock requests to name the new bridge at the entrance of The Foley Center at Chestnut Ridge in honor of Reba and Grady Moretz.


NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the bridge at the entrance of The Foley Center at Chestnut Ridge in Blowing Rock as the ***Reba and Grady Moretz, Jr. Bridge***.

That appropriate signs will be erected at a suitable time.

Adopted, this the fifth day of May 2016 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR TALMADGE S. BAKER

WHEREAS, Talmadge Baker has devoted his life to public service, having retired as the Randolph County Director of NC Cooperative Extension, serving as an Asheboro City Councilman with diligence and honor for 24 consecutive years, and Mayor Pro Tem for four years before retiring in December 2015; and

WHEREAS, Talmadge Baker's commitment to quality roadways and transportation in North Carolina included his election as Director of the National I-73/I-74/I-75 Corridor Association dedicated to the economic success and quality of life in the six-state corridor by pursuing the planning, construction, and maintenance of Interstates 73/74 and 75, a position in which he served for 18 years; and

WHEREAS, as part of his leadership on the Transportation Advisory Committee for the Piedmont Triad Rural Planning Organization, Talmadge Baker has advocated for projects important to Asheboro, Randolph County and the Piedmont Triad region, which have been included in the State Transportation Improvement Program; and

WHEREAS, Talmadge Baker has served on the Transportation Advisory Committee for the PTRPO (Piedmont Triad Rural Planning Organization) since its inception in 2002 until present. He was Chairman from 2003 until December 2014; and

WHEREAS, the City Council of the City of Asheboro, the Randolph County Board of Commissioners and the Piedmont Triad Rural Planning Organization request to name a portion of N.C. 49 from the southwestern Asheboro City Limits to U.S. 64 in Randolph County in honor of Talmadge S. Baker.


NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation name the portion of N.C. 49 from the southwestern Asheboro City Limits to the highway's intersection with U.S. 64 in Randolph County as the ***Honorable Talmadge S. Baker Highway***.

That appropriate signs will be erected at a suitable time.

Adopted, this the fifth day of May 2016 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

DBE/MB/WB LETTING SUMMARY FOR CENTRALLY LET PROJECTS

Federal Contract Awards Summary

Oct 2015 let through Apr 2016 let

Federal Fiscal Year 2015/2016

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
						MB		WB	
	\$	\$	%	\$	%	\$	%	\$	%
Monthly	5,878,987.14	148,126.69	2.5	140,475.00	2.4	0.00	0.0	140,475.00	2.4
FY to Date	395,120,987.01	42,348,852.52	10.7	43,372,849.80	11.0	12,853,663.20	3.3	30,519,186.60	7.7

State Contract Awards Summary

Jul 2015 let through Apr 2016 let

State Fiscal Year 2015/2016

	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
	\$	\$	%	\$	%	\$	%	\$	%
Monthly	51,678,873.11	1,702,452.84	3.3	1,499,112.30	2.9	2,327,632.46	4.5	2,352,184.80	4.6
FY to Date	298,582,438.64	11,810,305.41	4.0	9,501,460.70	3.2	15,878,487.45	5.3	18,245,937.99	6.1

Letting Date(s): April 19, 2016

Award Date: May 5, 2016

Award Subject to Secretary's Approval

LETTING DATES: April 19, 2016
AWARD DATE: May 5, 2016

Contract Information	County	Work Description	Prime Contractor	ADVERTISED GOALS SET			PARTICIPATION SUBMITTED			GOOD FAITH EFFORT AWARDED		AWARDED BY SECRETARY	
										YES	NO	YES	NO
42332.3.FD1 BRZ-1304(10) B-5157 C203723	GRANVILLE	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	DANE CONSTRUCTION, INC.	5.0	0.0	0.0	3.4	0.0	0.0	X		X	
2016CPT.05.08.10731.1., etc. C203852	PERSON	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	CAROLINA SUNROCK LLC	0.0	3.0	4.0	0.0	3.0	4.0			X	
34845.3.3 U-2707 C203725	FORSYTH	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.	SMITH-ROWE, LLC	0.0	4.0	6.0	0.0	1.9	6.0	X		X	
2016CPT.09.18.10291.1, etc. C203849	DAVIDSON	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	J. T. RUSSELL & SONS, INC.	0.0	3.0	6.0	0.0	3.0	1.3	X		X	
2016CPT.09.22.10341.1, etc. C203854	FORSYTH	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION	0.0	4.0	6.0	0.0	4.0	6.0			X	
42265.3.1 B-5123 C203722	CABARRUS	GRADING, DRAINAGE, PAVING, AND STRUCTURES.	ALL BIDS REJECTED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2016CPT.10.58.20902.1, etc. C203850	UNION	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	LYNCHE'S RIVER CONTRACTING, INC.	0.0	4.0	3.0	0.0	4.0	3.0			X	
50070.3.4, 50070.3.5 BRNHP-040-2(169)123, etc. BP-5500D, BP-5500E C203822	CATAWBA	BRIDGE PRESERVATION.	SAFFO CONTRACTORS INC	1.0	0.0	0.0	1.0	0.0	0.0			X	
2016CPT.12.05.10181, etc. C203839	CATAWBA	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	MAYMEAD, INC.	0.0	3.0	4.0	0.0	3.0	4.0			X	
2016CPT.12.07.10361, etc. C203836	GASTON	MILLING, RESURFACING, WIDENING AND SHOULDER RECONSTRUCTION.	ASPHALT PAVING OF SHELBY INC	0.0	3.0	4.0	0.0	3.0	4.0			X	
38581.3.2 B-4811 C203720	RUTHERFORD	GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURE.	NHM CONSTRUCTORS, LLC	0.0	1.0	4.0	0.0	1.0	4.0			X	
C203724 BRZ-1103(24) B-5396 C203838	BUNCOMBE	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	R.E. BURNS & SONS CO., INC.	7.0	0.0	0.0	7.0	0.0	0.0			X	
2016CPT.14.13.10501.1 C203842	JACKSON, MACON	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	HARRISON CONSTRUCTION COMPANY	0.0	2.0	1.0	0.0	5.0	1.0			X	
NHPP-0085(22) I-5741 C203853													



*Department of Environmental Quality
Division of Mitigation Services*



DMS BIENNIAL BUDGET

STATE FISCAL YEARS

2016 / 17 and 2017 / 18



Division of Mitigation Services

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



WHAT WE DO



Supports
transportation
project
development:

**COST
CONTROLS
REGULATORY
ACCEPTANCE**

Compensatory
Mitigation for
stream,
wetland, and
riparian buffer

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

PARTNERS
Landowners
Contractors
Investors
Engineers
Cities &
Counties



2014-2016

**DMS continued to meet all
NCDOT mitigation needs under
the terms and conditions of the
DMS In-Lieu Fee Instrument**

**... after >60%
reduction in NCDOT
funded positions**



SUCCESS

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

Summary

Administration	\$ 6,262,912	9%
Restoration	65,353,990	89%
Stewardship	612,000	1%
Planning Framework	1,333,215	2%
Biennial Total	\$ 73,562,117	

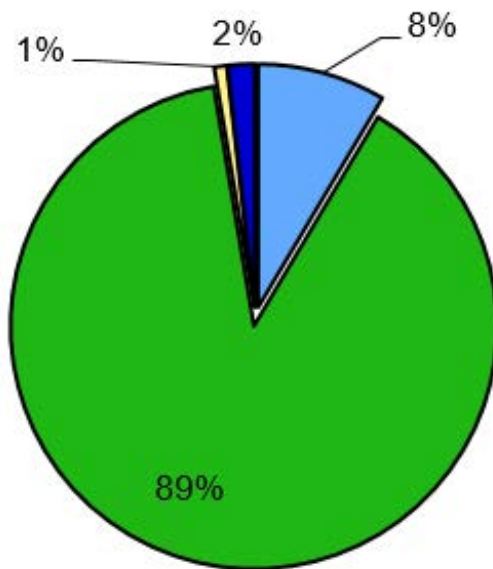
Note: Biennial budget reflects operating requirements of Code of Federal Regulations as agreed with the USACE, Wilmington District

\$ 26,374,536

**anticipated payments this biennium
to fund 64 active projects**

\$ 33,202,000

**anticipated payments this biennium
for new mitigation projects
to support current STIP**





Department of Environmental Quality



Cash Flow Projection

DMS Biennial Budget State Fiscal Years (SFY) 2016 / 17 and 2017 / 18

Summary

Line Item*	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	07/16 - 09/16	10/16 - 12/16	01/17 - 03/17	04/17 - 06/17	07/17 - 09/17	10/17 - 12/17	01/18 - 03/18	04/18 - 06/18	
Administration									
Salaries	\$ 606,046	\$ 606,046	\$ 606,046	\$ 606,046	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 4,921,092
Operating	\$ 80,600	\$ 80,600	\$ 80,600	\$ 80,600	\$ 81,755	\$ 81,755	\$ 81,755	\$ 81,755	\$ 649,420
Int. System of Record	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
SPO and legal	\$ 36,100	\$ 36,100	\$ 36,100	\$ 36,100	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 292,400
Restoration	\$ 6,552,913	\$ 10,615,476	\$ 8,567,103	\$ 9,130,686	\$ 11,944,566	\$ 9,118,495	\$ 6,374,536	\$ 3,050,215	\$ 65,353,990
Stewardship	\$ 78,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 612,000
Planning Framework	\$ 135,215	\$ 81,500	\$ 92,000	\$ 189,500	\$ 256,000	\$ 234,500	\$ 217,500	\$ 127,000	\$ 1,333,215
Total (by Quarter)	\$ 7,688,874	\$ 11,697,722	\$ 9,459,849	\$ 10,120,932	\$ 13,018,548	\$ 10,170,977	\$ 7,410,018	\$ 3,995,197	\$ 73,562,117

Total (Annual)

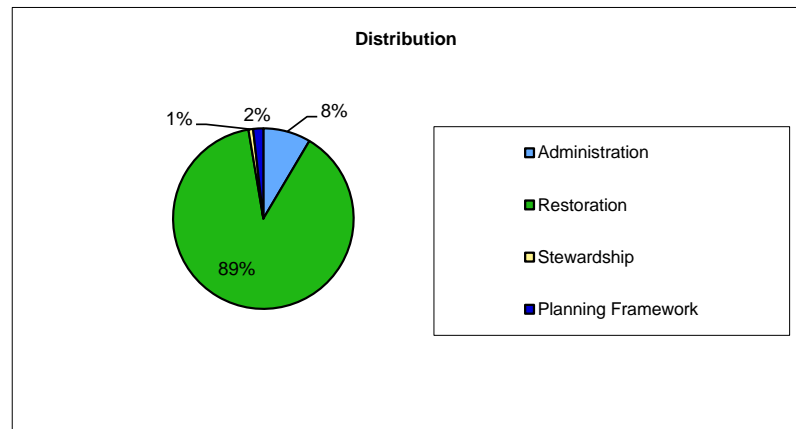
\$ 38,967,377

\$ 34,594,741 \$ 73,562,117

* See individual linetabs for details

Summary

Administration	\$ 6,262,912
Restoration	\$ 65,353,990
Stewardship	\$ 612,000
Planning Framework	\$ 1,333,215
Biennial Total	\$ 73,562,117



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

Salary and Operating Expenses

Biennial Budget State Fiscal Years (SFY) 2016 / 17 and 20					SFY 2017 / 18				Total
Salary & Operations	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Salaries	\$ 606,046	\$ 606,046	\$ 606,046	\$ 606,046	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 4,921,092
Operations	\$ 80,600	\$ 80,600	\$ 80,600	\$ 80,600	\$ 81,755	\$ 81,755	\$ 81,755	\$ 81,755	\$ 649,420
Dynamics CRM database	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Salary & Operations Total	\$ 886,646	\$ 886,646	\$ 686,646	\$ 686,646	\$ 705,982	\$ 705,982	\$ 705,982	\$ 705,982	\$ 5,970,512

Supporting Positions	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
State Property Office*	\$ 21,600	\$ 21,600	\$ 21,600	\$ 21,600	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 174,400
Legal**	\$ 14,500	\$ 14,500	\$ 14,500	\$ 14,500	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 118,000
Supporting Positions Total	\$ 36,100	\$ 36,100	\$ 36,100	\$ 36,100	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 292,400

*SPO funding for 85% of one position.

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

Salary and Operating Expenses - Total	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 922,746	\$ 922,746	\$ 722,746	\$ 722,746	\$ 742,982	\$ 742,982	\$ 742,982	\$ 742,982	\$ 6,262,912

Restoration Summary

DMS Biennial Budget State Fiscal Years (SFY 2016 / 17				SFY 2017 / 18				
	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total	
Design-Bid-Build	\$ 206,958	\$ 415,193	\$ 413,501	\$ 705,309	\$ 587,750	\$ 79,667	\$ 35,000	\$ -	\$ 2,443,378
Design-Build	\$ -	\$ -	\$ 622,165	\$ 1,900,000	\$ 311,000	\$ -	\$ 124,500	\$ -	\$ 2,957,665
Full Delivery	\$ 5,500,251	\$ 9,517,867	\$ 6,924,574	\$ 5,466,209	\$ 9,754,758	\$ 8,412,841	\$ 6,168,297	\$ 2,944,983	\$ 54,689,780
Monitoring/Maintenance	\$ 95,704	\$ 182,416	\$ 106,862	\$ 59,168	\$ 41,058	\$ 125,987	\$ 46,739	\$ 105,232	\$ 763,167
Actual cost adjustment for in-lieu payments ¹	\$ 750,000	\$ 500,000	\$ 500,000	\$ 1,000,000	\$ 1,250,000	\$ 500,000	\$ -	\$ -	\$ 4,500,000
Restoration Summary Total	\$ 6,552,913	\$ 10,615,476	\$ 8,567,103	\$ 9,130,686	\$ 11,944,566	\$ 9,118,495	\$ 6,374,536	\$ 3,050,215	\$ 65,353,990

Note: Currently, there are 33 active design-bid-build contracts, 1 active Design-Build contracts and 56 active full delivery contracts.

¹ These numbers are placeholder estimates to be approved on an individual project basis with the DOT Inspector General's Office. Such costs are associated with NCDOT payments into the Wetlands Restoration Program (WRP) for mitigation associated with multiple TIPs that were constructed between 1999 and 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 are documented through the Inspector General's Office.

The term **restoration** is used to describe stream and wetland restoration activities, monitoring, maintenance, land, and special studies. Contained under this heading are 90 active contracts that are in design, construction or monitoring in our state's 17 river basins.

Design-Bid-Build Contracts

Current Contracts					SFY 2016 / 17				SFY 2017 / 18				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	State Fiscal Years (SFY)	Division	County	Consultant										
Contract #D14001i	Mud Lick Crk - Thomas	8	Chatham	Wildlands Engineering, Inc.	\$ -	\$ 28,250	\$ 28,251	\$ 28,251	\$ -	\$ -	\$ -	\$ -	\$ 84,752	1
Contract #D15012i	Bowman	8	Randolph	KCI Associates of NC	\$ 11,176	\$ 3,120	\$ 120,000	\$ 23,554	\$ -	\$ -	\$ -	\$ -	\$ 157,850	2
Contract #006741	Millstone Creek	8	Randolph	NCSU	\$ 94,137	\$ 13,528	\$ -	\$ 20,754	\$ -	\$ 54,417	\$ 35,000	\$ -	\$ 217,836	3
Contract #D12010S	Little Pine III	11	Alleghany	Wildlands Engineering, Inc.	\$ 10,045	\$ 10,045	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,090	4
Contract #D13022S	Little Pine II	11	Alleghany	Confluence Engineering	\$ 25,000	\$ 25,000	\$ 25,000	\$ 12,500	\$ 12,500	\$ -	\$ -	\$ -	\$ 100,000	5
Contract #D16013i	Glade II	11	Alleghany	Wildlands Engineering, Inc.	\$ 11,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,350	6
Contract #D16015i	UT West Branch Rocky Riv	10	Mecklenburg	KCI Associates of NC	\$ 20,250	\$ 20,250	\$ 20,250	\$ 20,250	\$ 20,250	\$ 20,250			\$ 121,500	7
Subtotal Design-Bid-Build - Current Contracts					\$ 171,958	\$ 100,193	\$ 193,501	\$ 105,309	\$ 32,750	\$ 74,667	\$ 35,000	\$ -	\$ 713,378	

Design-Bid-Build - New Contracts to be awarded SFY 2016/17 / SFY 2017/18					SFY 2016 / 17				SFY 2017 / 18				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction					\$ -	\$ 315,000	\$ 150,000	\$ 600,000	\$ 555,000	\$ 5,000	\$ -	\$ -	\$ 1,625,000
Acquisition ¹					\$ 35,000	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 105,000
Subtotal Design-Bid-Build - New Contracts					\$ 35,000	\$ 315,000	\$ 220,000	\$ 600,000	\$ 555,000	\$ 5,000	\$ -	\$ -	\$ 1,730,000

Design-Bid-Build Total					SFY 2016 / 17				SFY 2017 / 18				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$206,958	\$ 415,193	\$ 413,501	\$ 705,309	\$ 587,750	\$ 79,667	\$ 35,000	\$ -	\$ 2,443,378

Design-Build

Design-Build - Payments for New Contracts					SFY 2016 / 17				SFY 2017 / 18				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Contract Number	Site Name	Division	County	Provider									
Contract #006256	Big Harris	12	Cleveland	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 622,165	\$ 1,900,000	\$ 311,000	\$ -	\$ 124,500	\$ -	\$ 2,957,665
Total Design-Build Current Contracts					\$ -	\$ -	\$ 622,165	\$ 1,900,000	\$ 311,000	\$ -	\$ 124,500	\$ -	\$ 2,957,665

Full Delivery Contracts

Full Delivery - Current Contracts					SFY 2016 / 17				SFY 2017 / 18				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	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	\$ -	\$ 65,130	\$ -	\$ -	\$ -	\$ 65,130	\$ -	\$ -	\$ 130,260	13
Contract #005787	Norman's Pasture II	3	Sampson	KCI Technologies	\$ -	\$ 26,396	\$ -	\$ -	\$ -	\$ 10,558	\$ -	\$ -	\$ 36,954	14
Contract #005011	Cedar Creek	3	Sampson	Environmental Banc & Exchange, LLC	\$ -	\$ 95,500	\$ -	\$ -	\$ -	\$ 95,500	\$ -	\$ -	\$ 191,000	15
Contract #005000	UT to Millers Creek	3	Duplin	Florence and Hutcheson, Inc	\$ -	\$ 50,681	\$ -	\$ -	\$ -	\$ 50,681	\$ -	\$ -	\$ 101,362	16
Contract #004631	Best Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 134,904	\$ -	\$ -	\$ -	\$ 134,904	\$ -	\$ -	\$ 269,808	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 #005790	Abbey Lamm	7	Alamance	Restoration Systems, LLC	\$ -	\$ 38,824	\$ -	\$ -	\$ -	\$ 38,824	\$ -	\$ -	\$ 77,648	25
Contract #005791	Aycock Springs	7	Alamance	Restoration Systems, LLC	\$ -	\$ 66,572	\$ -	\$ -	\$ -	\$ 26,629	\$ -	\$ -	\$ 93,201	26
Contract #005792	Browns Summit Creek	7	Guilford	Michael Baker Engineering, Inc	\$ -	\$ 499,375	\$ 199,750	\$ -	\$ -	\$ 99,875	\$ -	\$ -	\$ 799,000	27
Contract #005793	Maney Farm	8	Chatham	Wildlands Engineering, Inc.	\$ -	\$ 87,601	\$ -	\$ -	\$ -	\$ 35,040	\$ -	\$ -	\$ 122,641	28
Contract #005794	Candy Creek	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 1,383,312	\$ 553,325	\$ -	\$ -	\$ 276,662	\$ -	\$ -	\$ 2,213,299	29
Contract #005795	Holman Mill	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 70,744	\$ -	\$ -	\$ -	\$ 28,297	\$ -	\$ -	\$ 99,041	30
Contract #006746	Tar River Headwater Wetlands	5	Person	Mogensen Mitigation, Inc.	\$ 106,750	\$ -	\$ -	\$ -	\$ 45,750	\$ 15,250	\$ -	\$ -	\$ 167,750	31
Contract #006824	Pen Dell	4	Johnston	Water & Land Solutions	\$ 232,778	\$ 174,583	\$ -	\$ 174,583	\$ 58,194	\$ -	\$ -	\$ -	\$ 640,138	32
Contract #006825	Edwards-Johnson	4	Johnston	Water & Land Solutions	\$ 234,567	\$ 175,925	\$ -	\$ 175,925	\$ 58,642	\$ -	\$ -	\$ -	\$ 645,059	33
Contract #006826	Lake Wendell	4	Johnston	Water & Land Solutions	\$ 263,042	\$ 197,281	\$ -	\$ 197,281	\$ 65,760	\$ -	\$ -	\$ -	\$ 723,364	34
Contract #006827	Dry Creek	5	Durham	Wildlands Engineering, Inc.	\$ 988,372	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 282,392	\$ -	\$ 1,270,764	35

Full Delivery Contracts (page 2)

Full Delivery - Current Contracts (continued)					SFY 2016 / 17				SFY 2017 / 18				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 #006828	Lochill Farm	7	Orange	Michael Baker Engineering, Inc.	\$ 265,680	\$ -	\$ 199,260	\$ 199,260	\$ 66,420	\$ 66,420	\$ -	\$ -	\$ 797,040	36
Contract #006829	Buckwater	7	Orange	Wildlands Engineering, Inc.	\$ -	\$ -	\$ -	\$ -	\$ 1,516,789	\$ -	\$ -	\$ -	\$ 1,516,789	37
Contract #006830	Stony Fork	4	Johnston	KCI Associates of NC	\$ 521,776	\$ -	\$ 391,332	\$ -	\$ 260,888	\$ 130,444	\$ -	\$ -	\$ 1,304,440	38
Contract #006832	Alliance Headwaters Option A	4	Johnston	Restoration Systems, LLC	\$ 519,246	\$ 389,435	\$ -	\$ -	\$ 259,623	\$ 129,812	\$ -	\$ -	\$ 1,298,116	39
Contract #006663	Puzzle Creek	13	Rutherford	Michael Baker Engineering, Inc.	\$ -	\$ 11,869	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,869	40
Contract #D06046-A	Logan Creek	14	Jackson	Michael Baker Engineering, Inc.	\$ -	\$ -	\$ 47,403	\$ -	\$ -	\$ -	\$ 47,403	\$ -	\$ 94,805	41
Contract #D06125-B	Elk Branch	13	Mitchell	Michael Baker Engineering, Inc.	\$ -	\$ -	\$ 35,862	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,862	42
Contract #002024	North Fork Mountain Creek	12	Catawba	Resource Environmental Solutions, LLC	\$ -		\$ 55,953	\$ -	\$ -	\$ -	\$ 55,953	\$ -	\$ 111,905	43
Contract #003271	Herman Dairy Farm	12	Alexander	Restoration Systems, LLC	\$ -	\$ -	\$ 83,003	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 83,003	44
Contract #003273	Buffalo Flats	10	Cabarrus	KCI Associates of NC	\$ -	\$ -	\$ 62,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,175	45
Contract #003983	Jacobs Ladder	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 69,584	\$ -	\$ -	\$ -	\$ 69,584	\$ -	\$ 139,168	46
Contract #003984	Jacobs Landing	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 63,845	\$ -	\$ -	\$ -	\$ 63,845	\$ -	\$ 127,690	47
Contract #003991	601 North II	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 56,072	\$ -	\$ -	\$ -	\$ -	\$ 112,143	\$ 168,215	48
Contract #003990	Town Creek	10	Stanly	Michael Baker Engineering, Inc.	\$ 99,680	\$ 49,840	\$ -	\$ 49,840	\$ -	\$ -	\$ -	\$ 49,840	\$ 249,200	49
Contract #003277	UT to Town Creek	10	Stanly	Michael Baker Engineering, Inc.	\$ -	\$ 192,090	\$ 96,045	\$ 192,090	\$ -	\$ -	\$ 96,045	\$ -	\$ 576,270	50
Contract #004644	Pee Dee Stream	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 107,100	\$ -	\$ -	\$ -	\$ 107,100	\$ -	\$ 214,200	51
Contract #004641	Brown Creek Tributaries	10	Anson	Michael Baker Engineering, Inc.	\$ 140,000	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ 420,000	52
Contract #004642	Hopewell	8	Randolph	Wildlands Engineering, Inc.	\$ -	\$ 121,000	\$ -	\$ -	\$ -	\$ 121,000	\$ -	\$ -	\$ 242,000	53
Contract #000615	East Buffalo Creek	14	Graham	Michael Baker Engineering, Inc.	\$ -	\$ 54,060		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,060	54
Contract #002029	Little Buffalo Creek	10	Cabarrus	Louis Berger	\$ -	\$ -	\$ 92,550	\$ -	\$ -	\$ -	\$ 92,550	\$ -	\$ 185,100	55
Contract #003979	Junes Branch	14	Jackson	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 59,850	\$ -	\$ -	\$ -	\$ 59,850	\$ -	\$ 119,700	56
Contract #004672	Poplin Ridge Site	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 105,341	\$ -	\$ -	\$ -	\$ 105,341	\$ -	\$ 210,682	57
Contract #004673	Norkett Branch	10	Union	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 165,102	\$ -	\$ -	\$ -	\$ 165,102	\$ -	\$ 330,205	58
Contract #004925	601 East	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 64,904	\$ -	\$ -	\$ -	\$ 64,904	\$ -	\$ 129,809	59
Contract #005999	Vile Creek	11	Alleghany	Wildlands Engineering, Inc.	\$ 254,000	\$ 168,000	\$ 254,000	\$ -	\$ -	\$ 34,000	\$ -	\$ -	\$ 710,000	60
Contract #005782	Henry Fork (Only Stream is 2984)	12	Catawba	Wildlands Engineering, Inc.	\$ 162,438	\$ -	\$ 81,219	\$ -	\$ -	\$ -	\$ 32,483	\$ -	\$ 276,139	61
Contract #005786	Roses Creek	13	Burke	ICA Engineering, Inc.	\$ 500,000	\$ 200,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 840,000	62
Contract #006402	John Deere	13	Rutherford	Resource Environmental Solutions, LLC	\$ 383,922	\$ -	\$ -	\$ 274,230	\$ 109,692	\$ -	\$ 54,846	\$ -	\$822,690	63

Full Delivery Contracts (page 3)

					SFY 2016 / 17				SFY 2017 / 18				Total	Count
Full Delivery - Current Contracts (continued)					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract #006598	Cedar Branch	8	Randolph	KCI Associates of NC	\$ -	\$ -	\$270,900	\$ -	\$ -	\$ -	\$270,900	\$ -	\$541,800	64
Subtotal Full Delivery - Current Contracts					\$4,672,251	\$5,417,867	\$3,354,574	\$1,263,209	\$2,441,758	\$2,427,841	\$1,748,297	\$161,983	\$ 21,487,780	

					SFY 2016 / 17				SFY 2017 / 18				Total
Full Delivery - Payments for New Contracts to be Awarded -- SFY 2016/17 / SFY 2017/18 (Includes Bank Credit Purchases)					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Subtotal Full Delivery - Payments for New Contracts					\$ 828,000	\$ 4,100,000	\$ 3,570,000	\$ 4,203,000	\$ 7,313,000	\$ 5,985,000	\$ 4,420,000	\$ 2,783,000	\$ 33,202,000

					SFY 2016 / 17				SFY 2017 / 18				Total
Full Delivery Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$5,500,251	\$9,517,867	\$6,924,574	\$5,466,209	\$9,754,758	\$8,412,841	\$6,168,297	\$2,944,983	\$ 54,689,780

Monitoring / Maintenance, Repair and Equipment Contracts

Monitoring

Monitoring - Current Contracts					SFY 2016 / 17				SFY 2017 / 18				Total	
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Consultant										
Contract #005765	Stallings (G)	2	Jones	Robert J. Goldstein & Associates	\$ -	\$ 5,516	\$ -	\$ -	\$ -	\$ 5,516	\$ -	\$ -	\$ 11,032	65
Contract #004998	Little Alamance Creek	7	Alamance	EEE Consulting, Inc.	\$ 2,874		\$ 5,749		\$ 5,748	\$ -	\$ -	\$ -	\$ 14,371	66
Contract #004801	Greenbrier Creek	7	Chatham	Axiom Environmental, Inc.	\$ -	\$ -	\$ 6,296	\$ 6,296	\$ -	\$ -	\$ -	\$ -	\$ 12,592	67
Contract #004800	Meadowbranch	6	Robeson	URS	\$ 6,589		\$ 2,196		\$ -	\$ -	\$ -	\$ -	\$ 8,785	68
Contract #004682	Sandy Creek (Charles Williams)	8	Randolph	Sungate Design Group, PA		\$ 12,044	\$ -	\$ 6,022	\$ -	\$ 12,044	\$ -	\$ 6,022	\$ 36,132	69
Contract #005367	Meredell Farm Site	8	Randolph	SEPI Engineering & Construction, Inc.	\$ 1,080	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,080	70
Contract #005715	Bear Creek (Phillips Tract)	8	Chatham	Axiom Environmental, Inc.	\$ 554	\$ 5,545	\$ -	\$ 2,772	\$ -	\$ 5,545	\$ -	\$ 2,773	\$ 17,189	71
Contract #005365	Morgan Creek Floodplain	7	Orange	Mogensen Mitigation, Inc.	\$ -	\$ 3,750	\$ 1,500	\$ -	\$ -	\$ 3,000	\$ 750	\$ -	\$ 9,000	72
Contact#006604	Heath Dairy	8	Randolph	Mogensen Mitigation, Inc.	\$ 3,250	\$ 9,750	\$ -	\$ 3,250	\$ -	\$ 9,750	\$ -	\$ 3,250	\$ 29,250	73
Contract #004804	UT to Hauser Creek	9	Davie	Axiom Environmental, Inc.	\$ 3,061	\$ -	\$ 7,652	\$ -	\$ 3,061	\$ 3,061	\$ -	\$ -	\$ 16,835	74
Contract #004538	Newfound Creek	13	Buncombe	URS	\$ 14,275	\$ 4,760	\$ 9,520	\$ -	\$ 4,760	\$ -	\$ -	\$ -	\$ 33,315	75
Contract #006496	Hogan Creek	11	Surry	Wildlands Engineering, Inc.	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ 33,600	76
Contract #005767	Helms	9	Rowan	Axiom Environmental, Inc.	\$ 2,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,400	77
Contract #005764	Suther	10	Cabarrus	Robert J. Goldstein & Associates	\$ 1,943	\$ 5,827	\$ -	\$ -	\$ 7,770	\$ -	\$ -	\$ -	\$ 15,540	78
Contract #005361	Lewis Creek	14	Henderson	Mogensen Mitigation, Inc.	\$ 1,475	\$ 1,475	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,950	79
Contract #005717	UT Martin Creek/Martin II	14	Cherokee	Axiom Environmental, Inc.	\$ 1,490	\$ 14,900	\$ -	\$ 7,450	\$ -	\$ 14,900	\$ -	\$ 7,450	\$ 46,190	80
Contract #004391	McKee	10	Cabarrus	Withers and Ravenel	\$ 5,965	\$ -	\$ 11,931	\$ 4,971	\$ 4,971	\$ -	\$ -	\$ -	\$ 27,838	81
Contract #006036	Five Mile Branch	12	Iredell	Arcadis	\$ 3,748	\$ -	\$ 11,244	\$ -	\$ 3,748	\$ -	\$ 11,244	\$ 3,748	\$ 33,732	82
Contract #004803	Mill Creek (Formerly Uwharrie Heritage)	8	Randolph	Axiom Environmental, Inc.	\$ 3,000	\$ 6,000	\$ -	\$ 3,000	\$ 6,000	\$ -	\$ -	\$ -	\$ 18,000	83
Contract #004661	Big Harris	12	Cleveland	Western Carolina Univ.	\$ 5,000	\$ 6,500	\$ 6,500	\$ 3,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 6,500	\$ 42,500	84
Subtotal Monitoring - Current Contracts					\$56,704	\$ 87,267	\$ 62,587	\$ 42,361	\$ 41,058	\$ 70,016	\$ 16,994	\$ 35,343	\$ 412,331	

					SFY 2016 / 17				SFY 2017 / 18				
Monitoring - New Contracts to be awarded SFY 2016/17 / SFY 2017/18					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Monitoring ²	Statewide	Multiple	Statewide	Undetermined	\$ 39,000	\$ 4,000	\$ 26,500	\$ -	\$ -	\$ 30,000	\$ 26,500	\$ 37,000	\$ 163,000
					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Monitoring- New Contracts					\$ 39,000	\$ 4,000	\$ 26,500	\$ -	\$ -	\$ 30,000	\$ 26,500	\$ 37,000	\$ 163,000

Monitoring - Total	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$95,704	\$ 91,267	\$ 89,087	\$ 42,361	\$ 41,058	\$ 100,016	\$ 43,494	\$ 72,343	

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

Maintenance, Repair and Equipment

					SFY 2016 / 17				SFY 2017 / 18				
Maintenance, Repair and Equipment - Current Contracts					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	\$ -	\$ 25,594	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,594
Contract #D14012i	Stallings (G)-Construction	2	Jones	Carolina Silvics	\$ -	\$ -	\$ 2,245	\$ -	\$ -	\$ -	\$ 2,245	\$ -	\$ 4,490
Contract #D14019s	Bear Creek Maintenance	8	Chatham	Carolina Silvics	\$ -	\$ 248	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 248
Contract #D14004i	Veg Install & Management	Multiple	Statewide	Keller Environmental	\$ -	\$ 18,500	\$ 730	\$ -	\$ -	\$ 2,264	\$ -	\$ 2,264	\$ 23,759
Contract #D14005i	InvasiveManagement	Multiple	Statewide	Carolina Silvics	\$ -	\$ 16,807	\$ -	\$ 16,807	\$ -	\$ 16,807	\$ -	\$ 625	\$ 51,046
Contract #D16002i	Veg Install & Management	Multiple	Statewide	Bruton Natural Systems	\$ -	\$ -	\$ 13,800	\$ -	\$ -	\$ 6,900	\$ -	\$ -	\$ 20,700
Maintenance, Repair and Equipment - Current Contracts Subtotal					\$ -	\$ 61,149	\$ 16,775	\$ 16,807	\$ -	\$ 25,971	\$ 2,245	\$ 2,889	\$ 125,837

85
86
87
88
89
90

					SFY 2016 / 17				SFY 2017 / 18				
Maintenance, Repair and Equipment - New Contracts to be awarded					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Maintenance and repair ³	Multiple	Multiple	various	tbd	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 60,000
Gauges and Equipment ⁴	Multiple	Multiple	various	tbd	\$ -	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ -	\$ 2,000
Maintenance, Repair and Equipment - New Contracts Subtotal					\$ -	\$ 30,000	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ 30,000	\$ 62,000

					SFY 2016 / 17				SFY 2017 / 18				
Maintenance, Repair and Equipment - Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
					\$ -	\$ 91,149	\$ 17,775	\$ 16,807	\$ -	\$ 25,971	\$ 3,245	\$ 32,889	\$ 187,837

					SFY 2016 / 17				SFY 2017 / 18				
Monitoring / Maintenance, Repair and Equipment - Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
					\$ 95,704	\$ 182,416	\$ 106,862	\$ 59,168	\$ 41,058	\$ 125,987	\$ 46,739	\$ 105,232	\$ 763,167

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

²New Monitoring is based on projects currently in design or construction.

³Based on current maintenance cost data

⁴Equipment costs based on maintenance required for existing gauges

Summary of Stewardship Costs

DMS Biennial Budget State Fiscal Years (SFY) 2016 / 17 and 2017 / 18

	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Stewardship	\$ 78,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 612,000

NOTES:

The budget is based on the number of projects currently in DEQ Stewardship, the number of projects that are expected to be closed out and transferred to DEQ Stewardship in SFY 2016 / 17 and SFY 2017 / 18, and the Standard Operation Procedures agreed to by NCDEQ and NCDOT. Includes Stewardship Manager salary (85%), administration, legal and project monitoring cost.

No stewardship endowment funds are included in this biennial budget. The budget includes funds for annual stewardship activities performed by the DEQ Stewardship Program according to the contract with NCDOT. According to other terms of that contract, DEQ will be developing endowment estimates for mitigation sites during the coming fiscal year. NCDOT and DEQ will evaluate those endowment estimates and may alter the SFY 2016 / 17 budget to pay endowments for some mitigation sites.

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

Sites in Stewardship	IMS ID
601 North Property	92546
601 West Property	92545
Adkins Branch (Phase II)	7
Anderson Swamp	92526
Badin Inn	DMS Biennial Budget State Fiscal Years (SFY) 2016
Beaverdam Creek	92217
Beaverdam Creek and Trib (Parker Site)	92586
Big Cedar Creek	92532
Blockhouse Creek	92516
Brown Farm	92207
Brown Marsh Swamp	92517
Cane Creek	92325
Cane Creek (FD)	92521
Collins Site	92205
Columbus	92760
Conoconnara Swamp	92226
Crowns West	92329
Daniels Farm #2	92229
Davis Branch	92543
Dog Bite Creek	92533
Duke Swamp	92544
East Tarboro Canal (G)	123
Ellington Branch	92520
Farrar Dairy	92552
Flint Rock Farm #2	92812
Floogie Site	92486
Gatlin Swamp	92228
Glade Creek	854
Gray Farm	92219
Harrell Site	92230
Holly Grove	92523
Jarmans Oak	92550
Johnson Site (Hunting Creek)	197
Little River Farm	92759
Little Troublesome	749
Little White Oak Creek	92534
Mark's Creek TESC	92248
Mason Farm	92328
McDonald's Pond	242
Mocassin Creek (G)	256
Modlin Site	92227
Morgan Creek	92527
Morgan Creek (French Broad)	92531
Morgan Creek Floodplain	258

Sites in Stewardship	IMS ID
Naked Creek	261
Nicholls Farm (Troublesome Creek)	441
North Muddy Creek	92611
Perry Property (UT to Pembroke)	283
Pinch Gut Tributary	92518
Powell Property	92548
Puzzle Creek	92522
River Bend	307
Rockwell Pastures	92758
Rowan	317
Scaly Bark Creek Mitigation Site	94148
Sharpe Wetland Preservation	92241
Silver Creek-Conway	92218
Simpson Wetland	92234
Snowbird Tributaries	92764
Stricker Branch	92556
Suther	370
Thompson's Fork and Tributary	92524
Three Mile Creek	92664
Timberlake (Great Dismal Swamp)	92557
Tributary to Reedy Fork Creek	92528
UT Bear Creek (Weaver/McLeod property) (G)	92347
UT to Back Creek	92598
UT to Crab Creek	857
UT to Crooked Creek/Speas Property (G)	434
UT to Goose Creek (Coats)	93876
UT to Haw (Beckom)	92694
UT To The Lumber River	94068
Wildcat Branch	92508
Wolf Pond	92551

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 2016-2017 biennial budget includes funding to complete the River Basin Restoration Priority (RBRP) update process and incorporate improvements to modeling capacity. The Division has improved its River Basin Restoration Priority (RBRP) processes to realize cost efficiencies and to improve the utility of planing products. The updated process emphasizes functional analyses at variable geospatial scales. This budget also funds RBRP updates for up to five 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 or development of regional 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 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Watersheds									
RBRP Process Revisions and Basin Updates**	\$ 75,215			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,215
Subtotal - Project Development Current Contracts Projected Cost	\$ 75,215	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,215

Project Development - New Contracts Projected Cost	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
CF02/03 Regional Plan	\$ -	\$ 8,500	\$ 17,000	\$ 42,500	\$ 96,000	\$ 53,500	\$ 53,500	\$ 29,000	\$ 300,000
Contingency (LWP Updates/RWP Developement)	\$ -	\$ -	\$ -	\$ 34,000	\$ 68,000	\$ 68,000	\$ 51,000	\$ 34,000	\$ 255,000
RBRP Basin Updates***	\$ -	\$ -	\$ -	\$ 34,000	\$ 51,000	\$ 68,000	\$ 68,000	\$ 34,000	\$ 255,000
Post-Plan Implementation Monitoring and Modeling	\$ 60,000	\$ 73,000	\$ 75,000	\$ 79,000	\$ 41,000	\$ 45,000	\$ 45,000	\$ 30,000	\$ 448,000
Subtotal - Project Development - New Contracts	\$ 60,000	\$ 81,500	\$ 92,000	\$ 189,500	\$ 256,000	\$ 234,500	\$ 217,500	\$ 127,000	\$ 1,258,000

CFR Planning Framework - TOTAL	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 135,215	\$ 81,500	\$ 92,000	\$ 189,500	\$ 256,000	\$ 234,500	\$ 217,500	\$ 127,000	\$ 1,333,215

NOTES:

*Estimated cost to complete existing planning efforts.

**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.

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



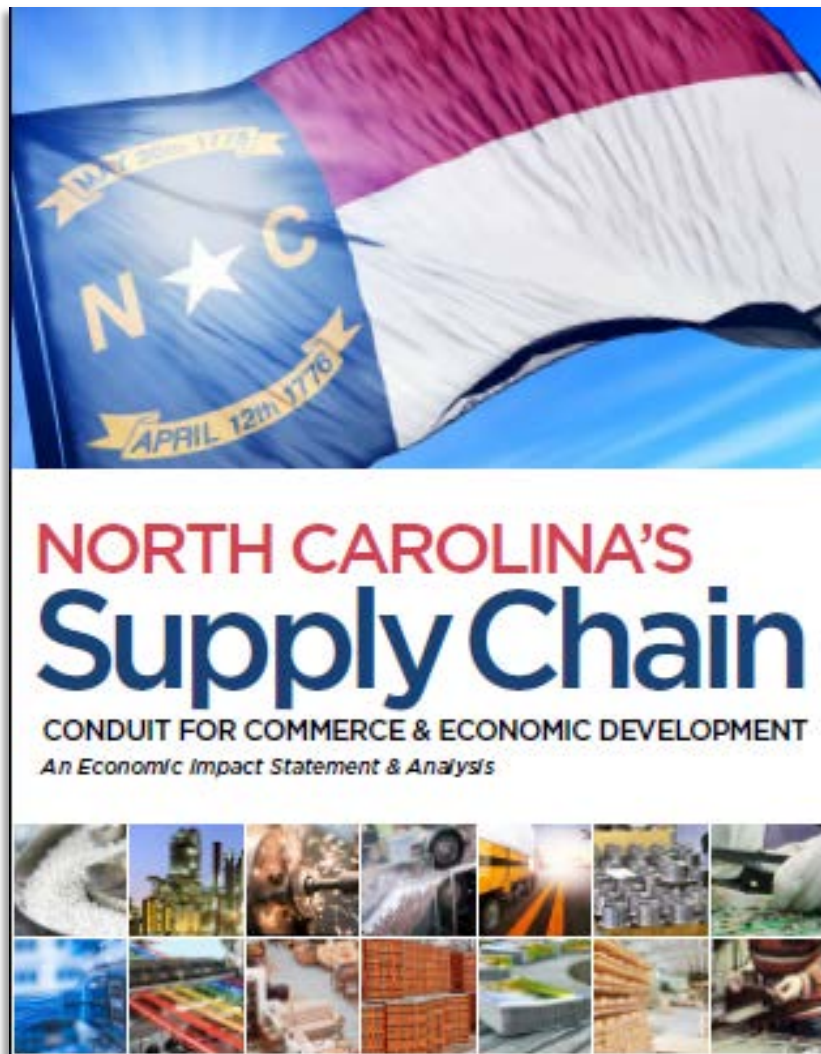
NC Board of Transportation / May 4, 2016

North Carolina's Supply Chain

Charles HW Edwards,
Director – Logistics Strategy



Outline



- Research team
- Context for the Analysis & Report
- Scope of the Report
- Defining the Supply Chain
- Key Findings
- NC's Supply Chain Leading Sectors
- Summary Findings

Research Team



- The Supply Chain Resource Cooperative (SCRC) is an academic-industry partnership dedicated to advancing the supply chain industry & the professionalism of its practitioners
- MBA candidates conducted research, analysis & authored the report through SCRC Supply Chain Scholars practicum
 - John Elliott
 - Dana Magliola
 - Lindsay Schilleman



-
- Key Project Advisors & Scholar Sponsors
 - Material Handling Industry (MHI)
 - NC Center for Global Logistics

Context for the Analysis & Report

- **Quantify** the economic impact of the supply chain in North Carolina
- **Identify** key connections, trends & context
- Provide **perspective** for **planning, investment & policy** to strengthen this vital conduit for prosperity in North Carolina.



A gauge for economic impact

NOTE: Each North Carolinian generates / consumes 40 tons of freight per year = 1 tractor-trailer (TL) load per resident per year = 9+ million TL per year



Scope of Report

- North Carolina in 2013
- Contribution analysis: input-output methodology highlights connectivity
- Conservative approach
- Academic & industry research, subject-matter experts & IMPLAN data
- 14 key supply chain sectors by:
 - Employment
 - Labor Income
 - Output
 - Value Added (GDP Contribution)
 - Taxes



Industries linked together

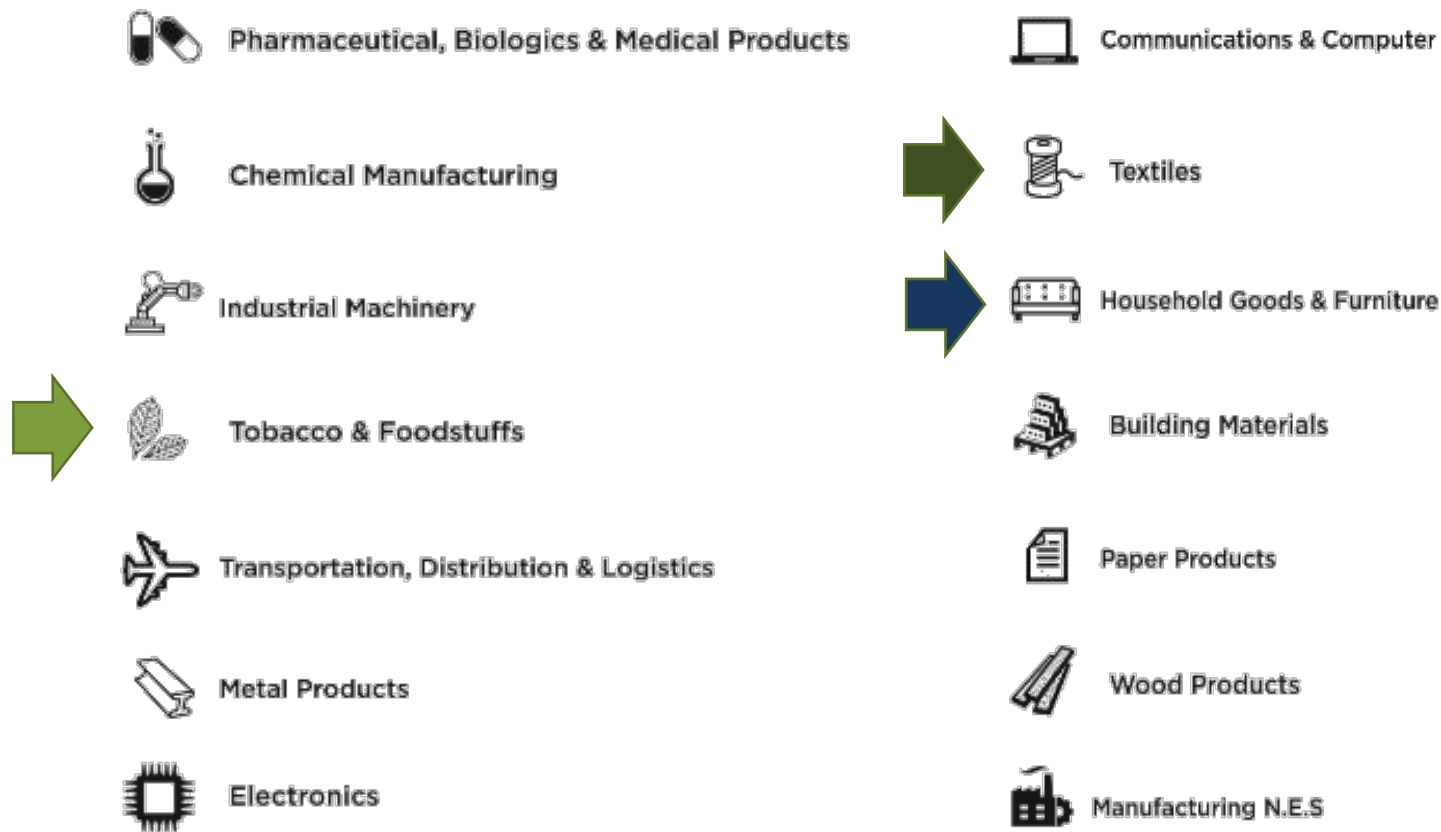
Defining the Supply Chain



- **activities, stakeholders, or organizations** engaged in:
 - *sourcing of inputs, including raw materials,*
 - *production,*
 - *distribution*
 - *delivery of goods and services to downstream or consumer markets*
- **holistic view** of the supply chain
- Study did **NOT** include:
 - finance, customer service, real estate, wholesale, retail, food/beverage & most agricultural sectors

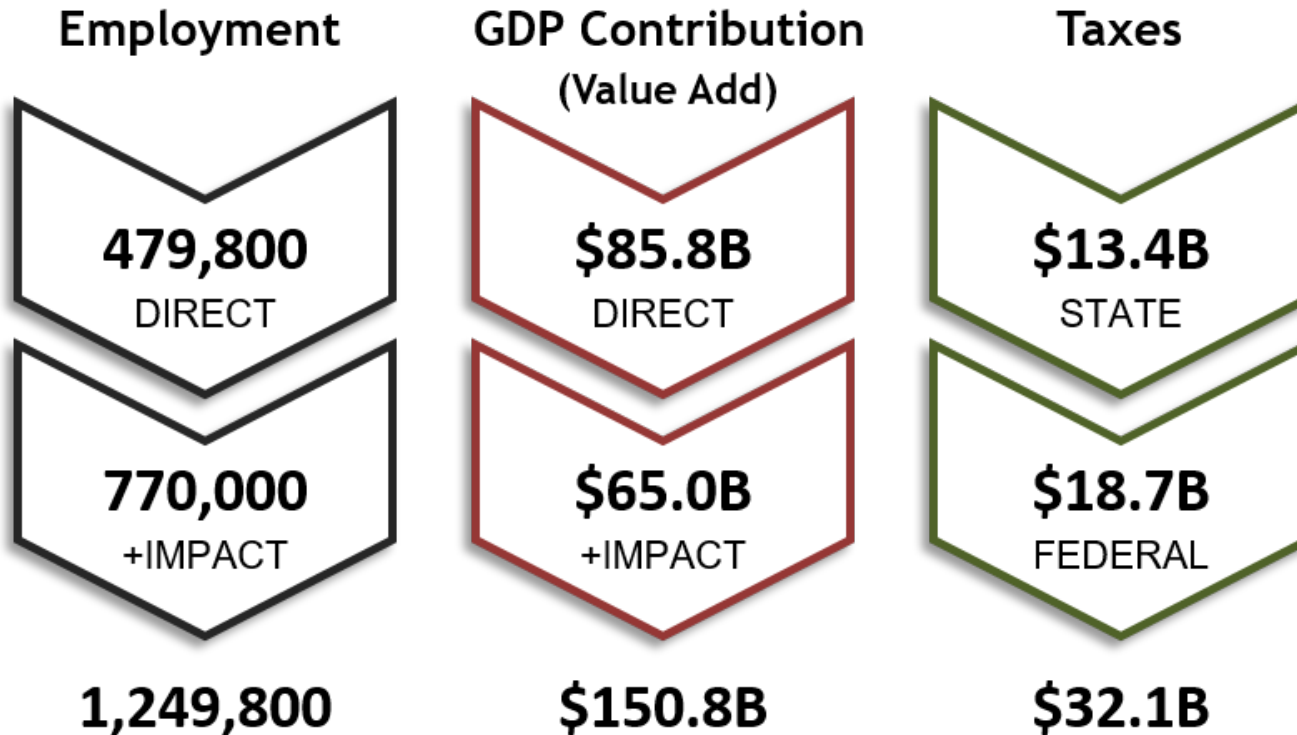
Defining the Supply Chain

- 14 North Carolina Industrial Sectors



Listed in order of Value Added (GDP Contribution)

Key Findings



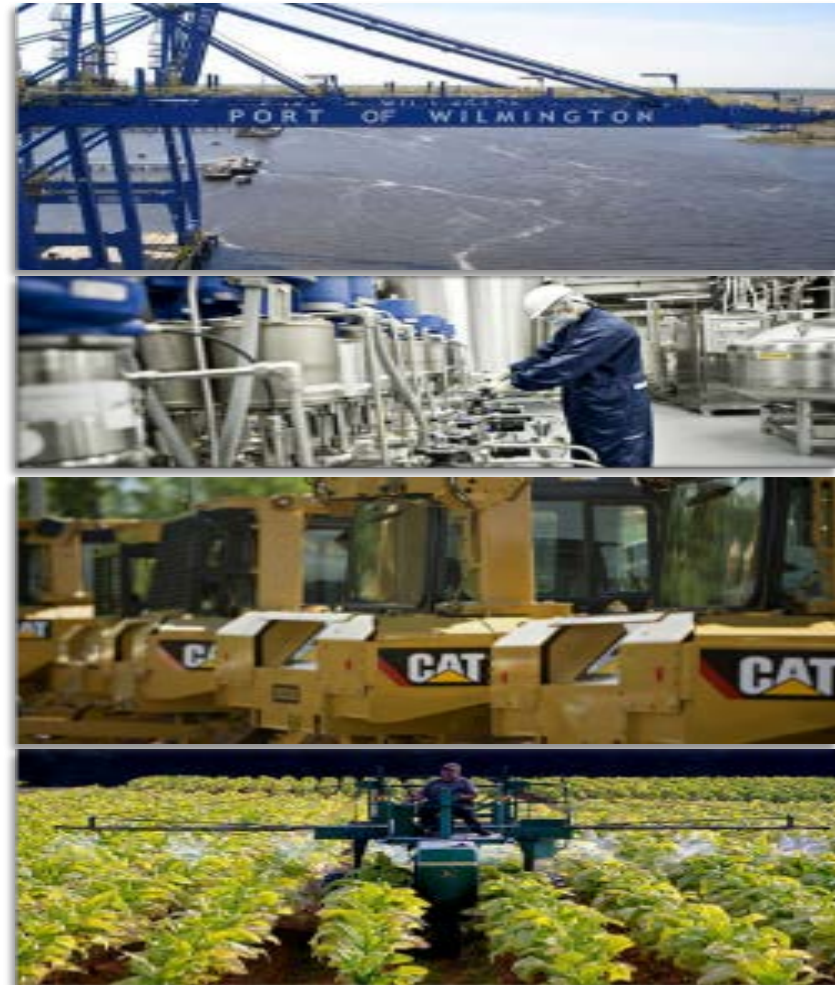
+IMPACT represents Indirect & Induced totals. All figures represent 2013 IMPLAN data

NC's Supply Chain Leading Sectors

Rank	Employment	GDP Contribution	State Taxes Paid
1	Transportation, Distribution and Logistics	Pharmaceuticals, Biologics and Medical Products	Tobacco & Foodstuffs
2	Industrial Machinery and Transportation Equipment	Chemical Manufacturing	Transportation, Distribution and Logistics
3	Textiles	Industrial Machinery and Transportation Equipment	Industrial Machinery and Transportation Equipment
4	Chemical Manufacturing	Tobacco & Foodstuffs	Pharmaceuticals, Biologics and Medical Products
5	Household Goods and Furniture	Transportation, Distribution and Logistics	Chemical Manufacturing

NC's Supply Chain Leading Sectors

- **Transportation, Distribution & Logistics:**
 - 105K+ workers - more than 2.5% of the state's total workforce
 - Nearly \$5.7B in Labor Income
- **Pharmaceutical, Biologics & Medical Products:**
 - GDP contribution of more than \$19.4B
- **Industrial Machinery & Transportation Equipment:**
 - Direct Output of nearly \$38.4B
- **Tobacco & Foodstuffs:**
 - \$5.1B paid in state & local Tax



Summary Findings

- **One of every 4** employed North Carolinians in supply chain
- Present in **every** county
- The **traditional industries** are important to North Carolina
- Average annual labor income: **\$67,780**
 - **156%** of NC average annual wage of \$43,280
 - **52%** more than US average annual wage of \$44,888
 - **58%** of all supply chain employees earn below average manufacturing wage of \$66,630
- Total paid state taxes equal about **58%** from all sources (2013)

We plan for freight flows that never stop!





FAST Committee Meeting – May 2016

Remnant Property Discussion

Greg Perfetti, PE, Director of Field Support



Session Law 2015-241, Section 29.9

Plan - The Department of Administration, in collaboration with the Department of Transportation, shall develop a plan to reduce the amount of remnant property resulting from the acquisition of rights-of-way. The plan shall include a method or methods for disseminating information to contiguous or adjoining landowners and other members of the general public about (i) remnant property eligible for sale or other disposition and (ii) the process for placing a bid or offer on the remnant property, including posting the information required under this subdivision on the Web sites for both Departments.

Report – The Departments shall jointly report to the Joint Legislative Transportation Oversight Committee by February 1, 2016, on the development of the plan required under this section.

Implementation – The Department of Administration shall implement the plan required under this section by July 1, 2016.



Report Summarizes

Catalog of All Properties

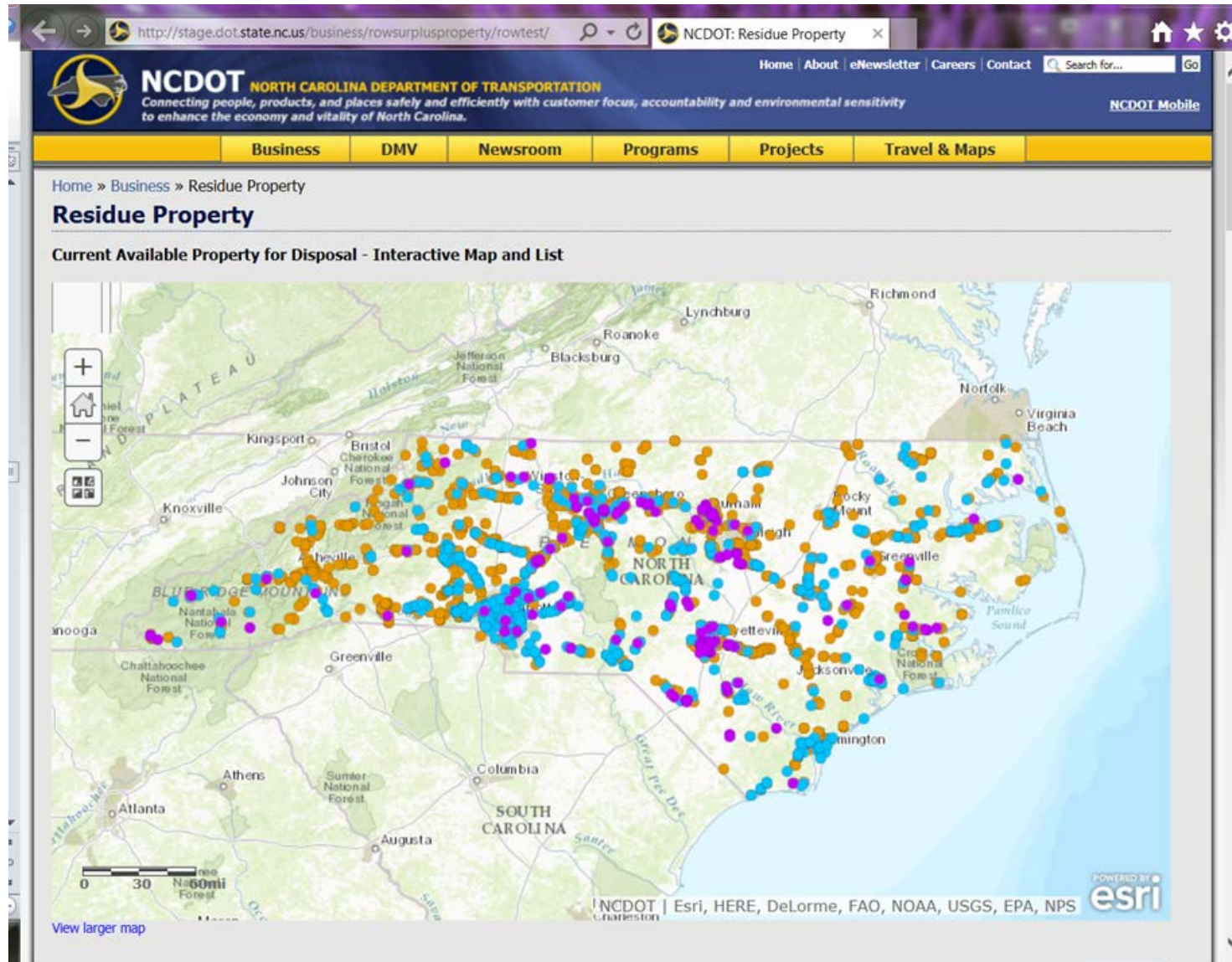
- Resulting from Acquisition of ROW
- Eligible for Sale
- Fair Market Value
- Categorization

Plan for Disposition

- Bid Process
- Posting Information



Map of Available Remnant Properties



Parcel Level Information

The screenshot shows the NCDOT Residue Property web application. The browser address bar displays the URL: <http://stage.dot.state.nc.us/business/rowsurplusproperty/rowtest/>. The page header includes the NCDOT logo and the text "NORTH CAROLINA DEPARTMENT OF TRANSPORTATION" with the tagline "Connecting people, products, and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina." The navigation menu includes links for Home, About, eNewsletter, Careers, Contact, and a search bar. The main content area is titled "Residue Property" and "Current Available Property for Disposal - Interactive Map and List". A map of Alamance County is displayed, showing various parcels. A pop-up window titled "NCDOT Residue Property: ALAMANCE" displays the following information:

NCDOT Residue Property: ALAMANCE	
Division	7
County	ALAMANCE
Class	A
Acres	0.47
Latitude	36.078211
Longitude	-79.451341
ID Number	106

The map includes a scale bar (0 to 0.2 miles) and a "View larger map" link. The footer of the map area mentions "Participating NC Counties, NCCGIA, NC OneMap, US EPA | NC..." and the Esri logo.



Remnant Property Classification

Based on anticipated use and value

Class A

- Stand alone
- Access
- Commercially or residentially viable

Class B

- Enhance value of adjacent land
- More extensive use when adjoined with adjacent land

Class C

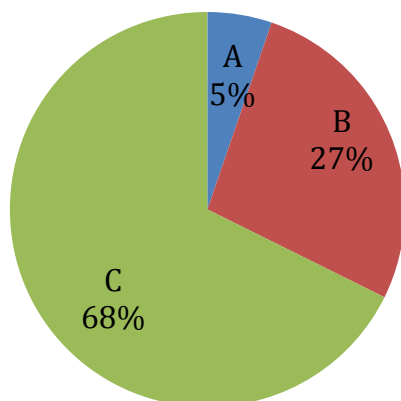
- Does not meet definition of Class A or B
- Only be of interest to adjacent landowner



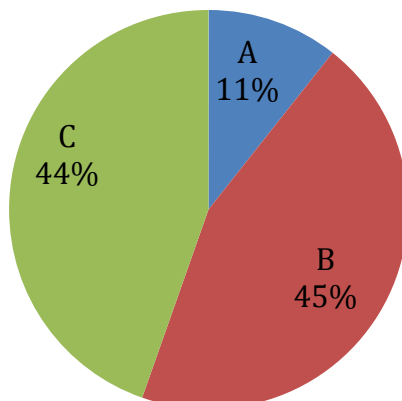
Remnant Property Breakdown

Preliminary Parcel Classification	Number of Parcels	Acres	Estimated Fair Market Value
A	175	540	\$5,682,784
B	899	2,265	\$4,727,653
C	2,245	2,259	\$1,718,992
TOTAL	3,319	5,064	\$12,129,429

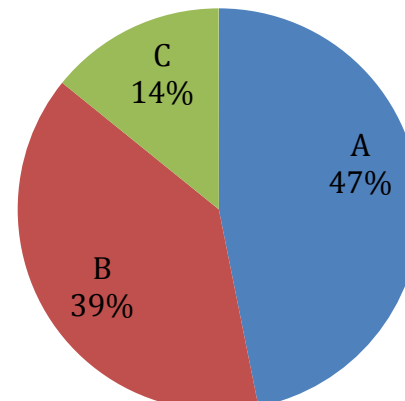
Number of Parcels



Acres



Value



Questions?





May 4, 2016

Financial Update

David Tyeryar, Chief Financial Officer



Financial Update

SFYTD 2016 as compared SFYTD 2015

Dollars in Millions	March 16	March 15	Year to Date		
			March 16	March 15	% Change
Revenue Collections	\$ 456	\$ 406	\$ 3,657	\$ 3,506	4.3%
Expenditures	<u>344</u>	<u>269</u>	<u>3,504</u>	<u>3,376</u>	3.8%
Net Change	\$ 112	\$ 137	\$ 153	\$ 130	
	<u>March 16</u>	<u>March 15</u>			
Cash Balances:					
Trust Fund	\$ 1,321	\$ 1,047			
Highway Fund*	<u>229</u>	<u>260</u>			
Totals	<u>\$ 1,550</u>	<u>\$ 1,307</u>			

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



Unaudited Financial Report

Transportation

Revenue Summary March 2016

(\$ in Millions)

			Year Over Year				SFY to Budget		
	March 2016	March 2015	2015-2016 Actual	2014-2015 Actual	\$	%	Budget to Date	\$	%
State & Federal Receipts:									
Highway Fund *	\$ 177.9	\$ 168.6	\$ 1,498.7	\$ 1,484.9	\$ 13.9	1%	\$ 1,432.0	\$ 66.7	5%
Highway Trust Fund *	126.2	108.2	1,045.5	910.7	134.8	15%	968.9	76.6	8%
Total State Funds	304.1	276.8	2,544.2	2,395.5	148.7	6%	\$ 2,400.9	\$ 143.3	6%
Federal Funds/Participation	116.9	120.8	855.3	983.6	(128.3)	-13%			
GARVEE Reimbursement/NCTA	34.9	8.3	257.2	127.3	129.9	102%			
Total	\$ 455.9	\$ 405.9	\$ 3,656.6	\$ 3,506.4	\$ 150.2	4%			
	March 2016	March 2015	2015-2016 Actual	2014-2015 Actual	\$	%	Budget to Date	\$	%
* Memo									
Highway Fund & Trust Fund Details									
Motor Fuel Taxes	\$ 142.5	\$ 143.8	\$ 1,422.2	\$ 1,410.9	\$ 11.3	1%	\$ 1,337.7	\$ 84.5	6%
Highway Use Tax	69.8	60.0	532.5	475.4	57.2	12%	480.7	51.8	11%
DMV/Other Revenue	90.9	72.6	582.8	505.7	77.2	15%	580.6	2.2	0%
Investment Income	1.0	0.4	6.7	3.6	3.0	83%	1.8	4.9	273%
Total	\$ 304.1	\$ 276.8	\$ 2,544.2	\$ 2,395.5	\$ 148.7	6%	\$ 2,400.9	\$ 143.3	6%



Expenditure Summary March 2016

(\$ in millions)

			Year Over Year				SFY to Budget		
	Mar-16	Mar-15	2015-2016 Actual	2014-2015 Actual	\$	%	2015-2016 Budget	\$	%
State & Federal Funded Programs:									
Construction	\$ 131.7	\$ 109.6	\$ 1,504.6	\$ 1,476.6	\$ 28.0	2%	\$ 1,733.2	\$ (228.7)	-13%
Maintenance	76.1	73.5	880.8	844.1	36.7	4%	858.4	22.5	3%
Public Transportation	11.3	9.6	100.7	86.6	14.1	16%	103.3	(2.6)	-3%
Other Modal/Other Programs	13.9	11.3	102.8	105.6	(2.8)	-3%	116.7	(13.9)	-12%
Administration	22.4	21.3	158.0	161.6	(3.6)	-2%	186.8	(28.8)	-15%
Municipal Aid	-	-	147.7	147.1	0.6	0%	147.7	0.0	0%
Transfers to Other Agencies	0.5	2.0	34.1	184.1	(150.0)	NA	34.4	(0.4)	-1%
Total Expenditures	\$ 255.9	\$ 227.3	\$ 2,928.8	\$ 3,005.7	\$ (76.9)	-3%	\$ 3,180.6	\$ (251.8)	-8%
GARVEE/NCTA/Special Initiatives	\$ 87.7	\$ 41.7	\$ 575.3	\$ 370.1	\$ 205.2	55%			



Revenue & Expenditure Variances > 5%

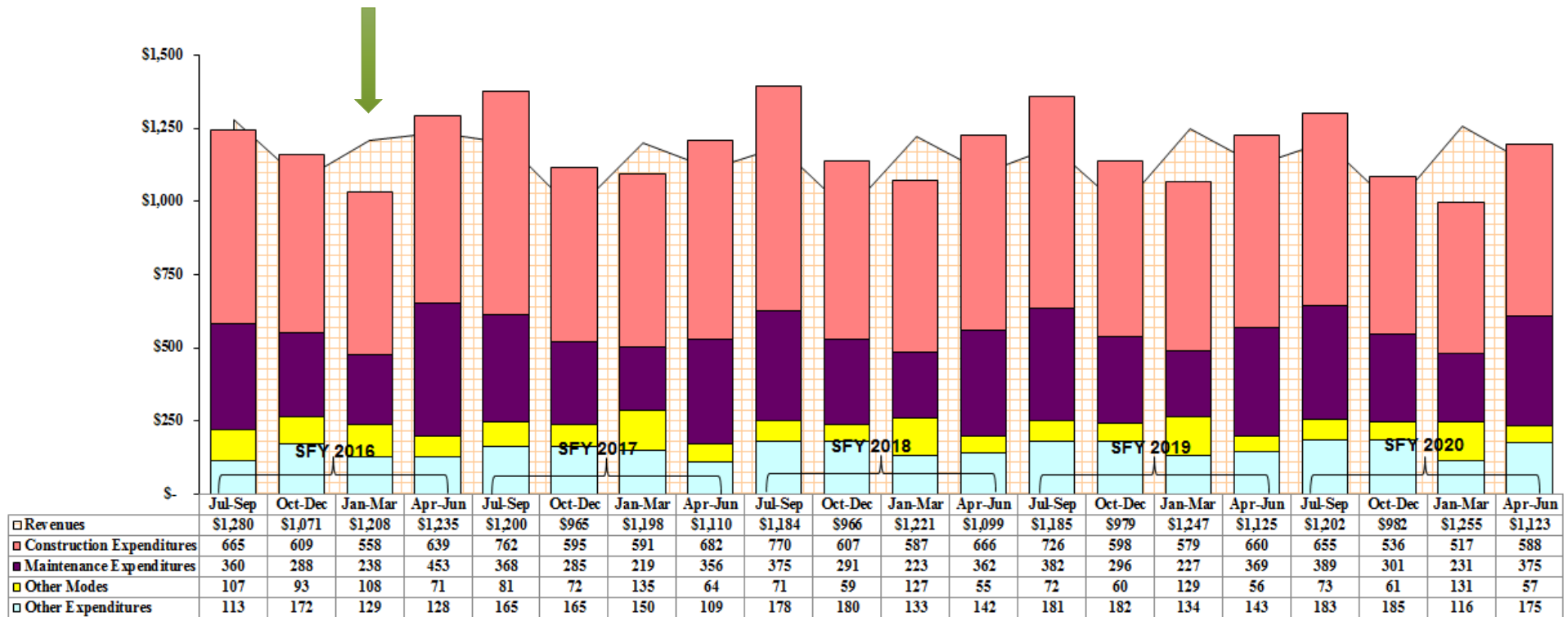
As of March 31, 2016

RECEIPTS		
State & Federal Receipts:	Budget/Actual	Reason for Variance
Highway Use Tax	11%	Per OSBM, a pent up demand from recessionary period and the current rebounding economy have led to unexpectedly higher car sales volume.
Motor Fuels Taxes	6%	Motor fuel consumption through the third quarter is 4.75% higher than the same period last state fiscal
EXPENDITURES		
State & Federal Funded Programs:	Budget/Actual	Reason for Variance
Construction	-13%	STI expenditures are below the estimated budget.
Other Modal/Other Programs	-12%	Aviation expenditures are still lagging. We should see expenditures on 34 new projects ramping up before year end.
Administration	-15%	DMV expenditures are up 10% but the other administrative areas are down by around 33%. Vacancies are up by 27%. IT is still carrying a large unexpended carry forward amount .



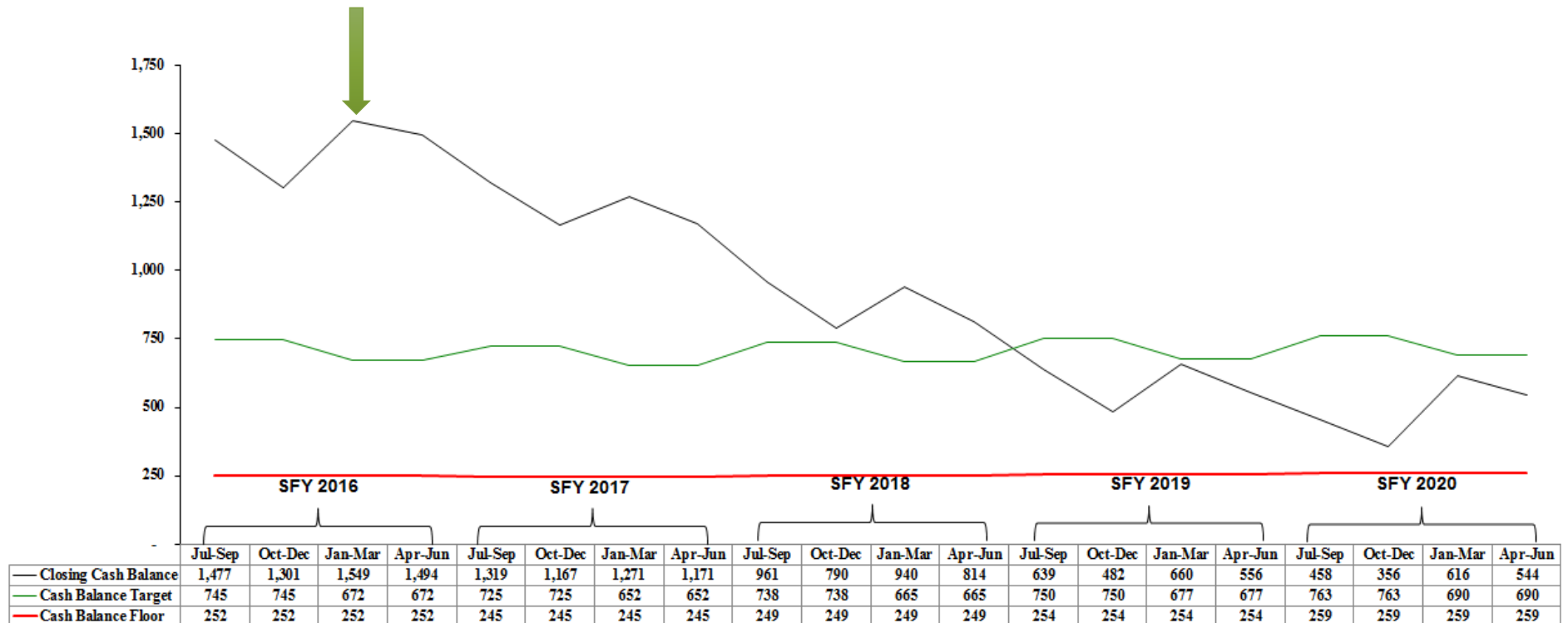
60 Month Cash Model

Revenue & Expenditure Projections as of March 2016



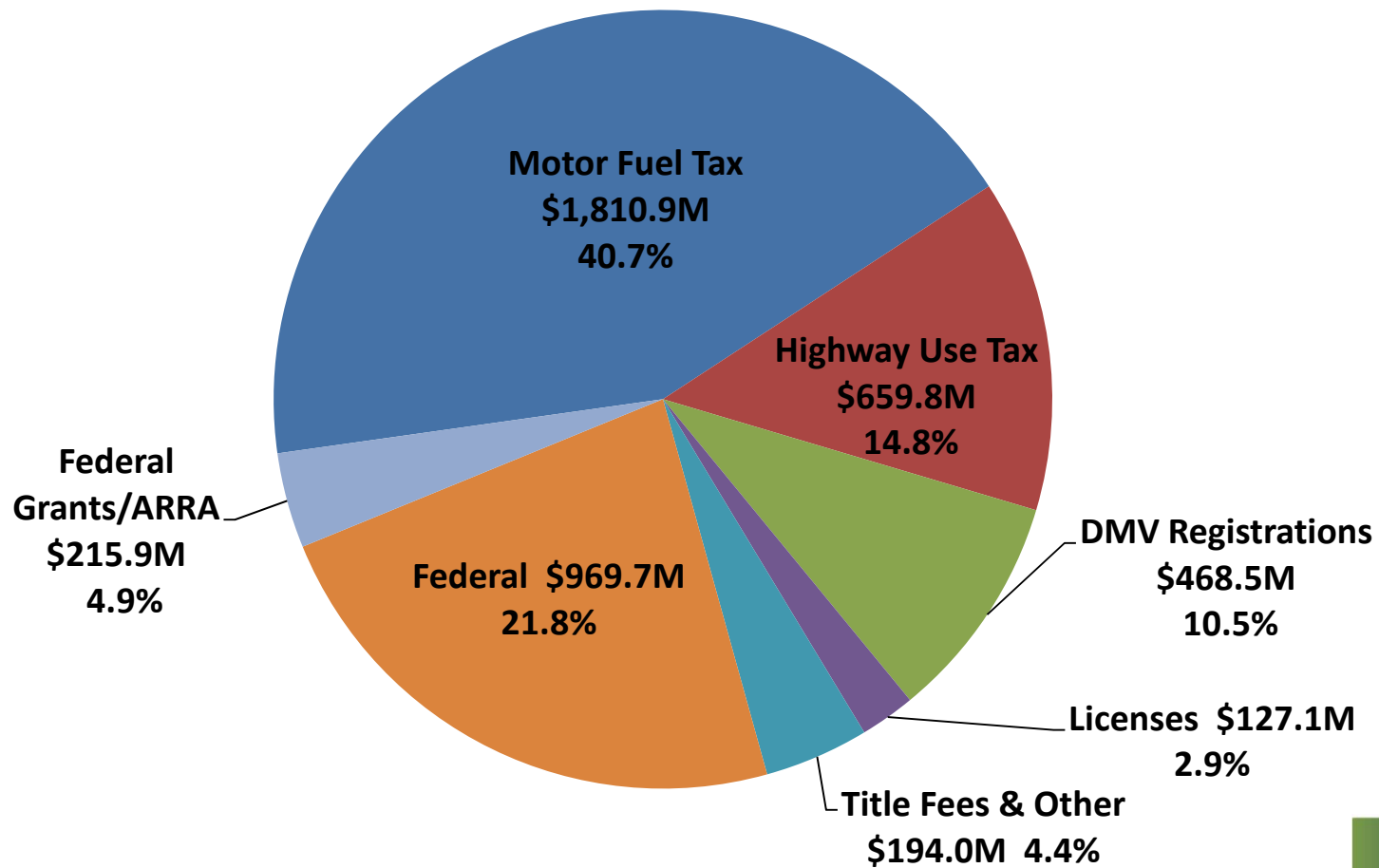
60 Month Cash Model

Cash Projections as of March 2016



NCDOT Revenue Sources

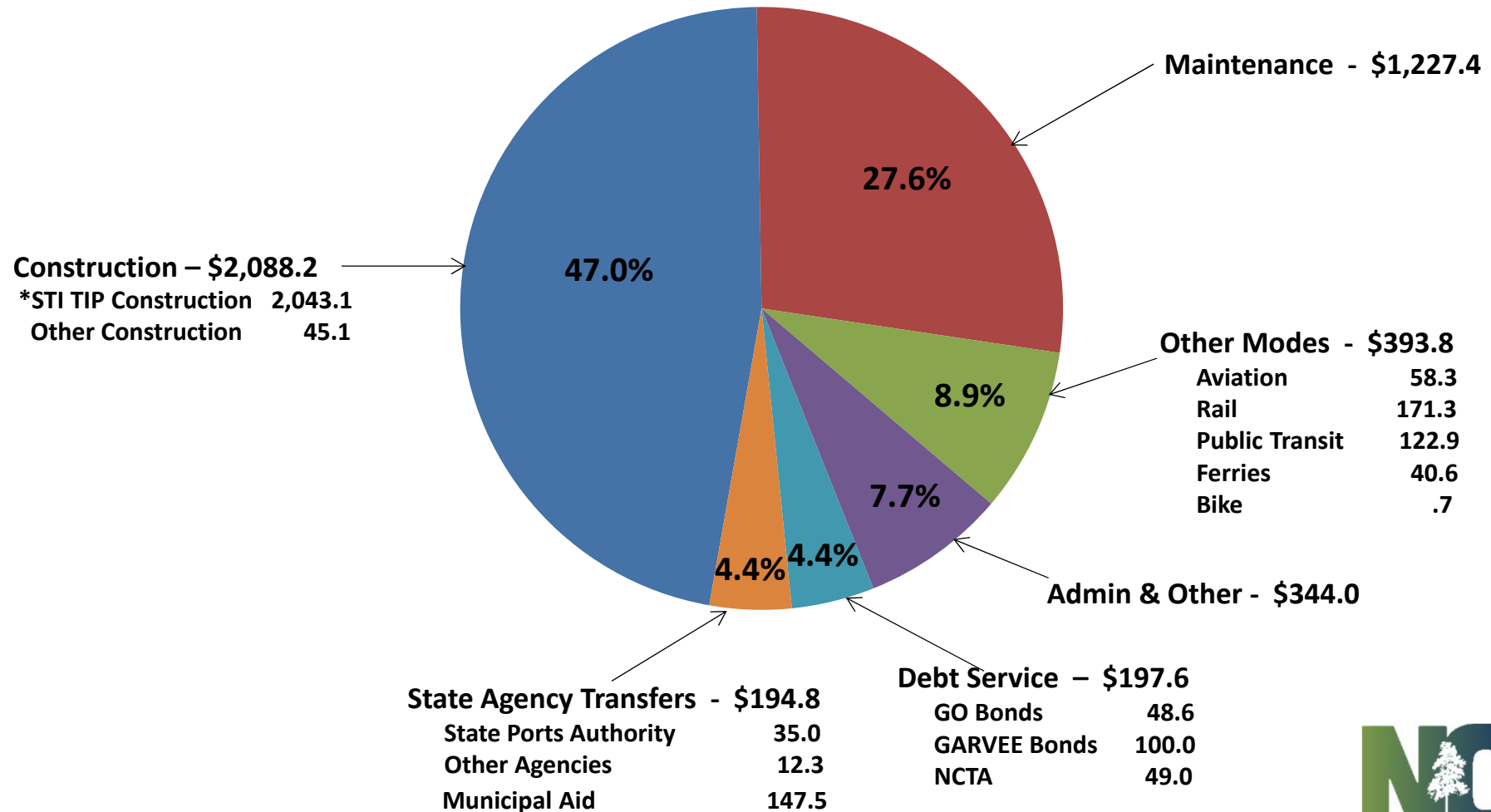
SFY2016 - \$4.4 Billion



Uses of 2015-16 NCDOT Appropriations

Total Funding = \$4.4 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)

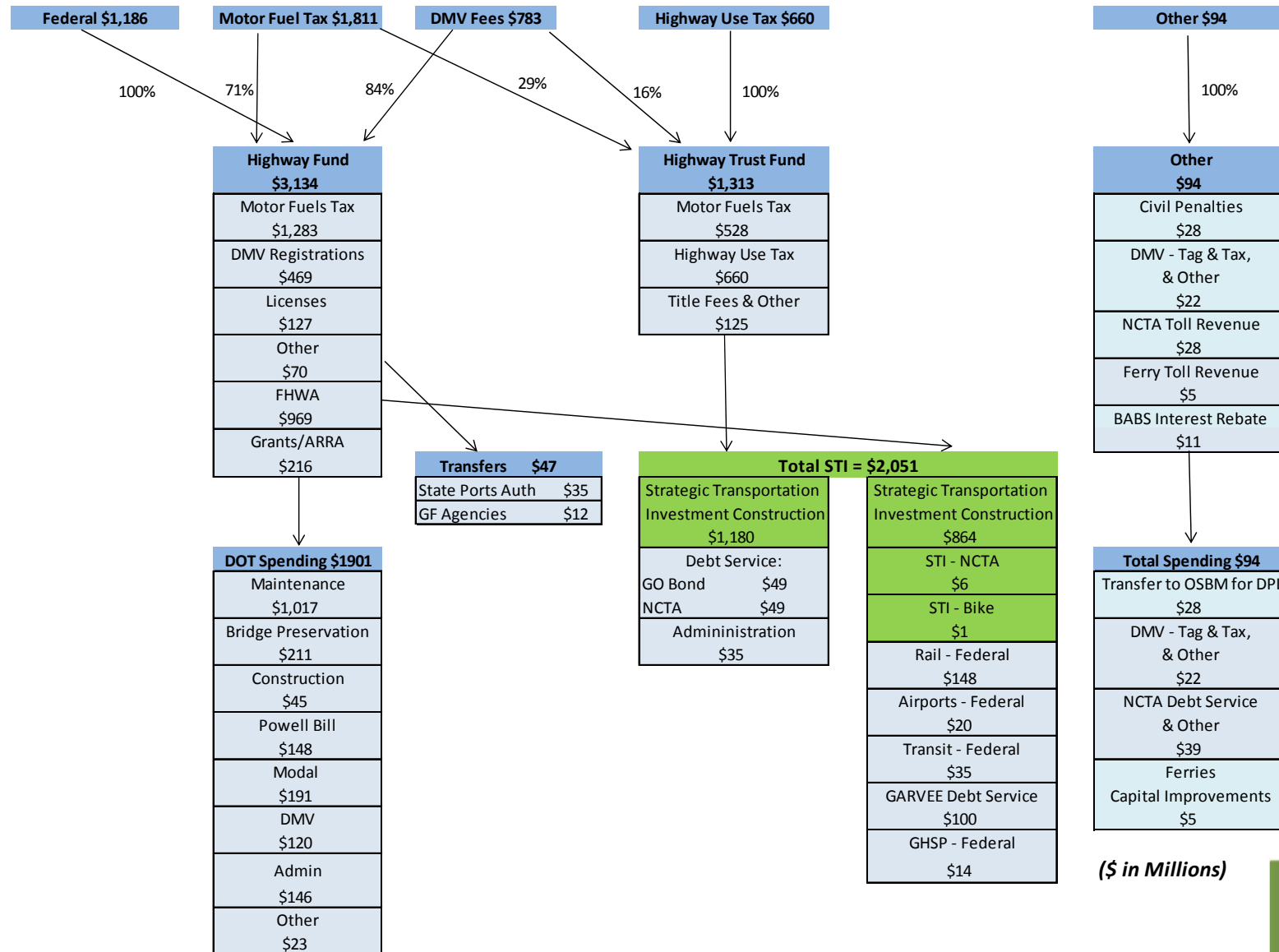


Unaudited Financial Report

Transportation

SFY2016 NCDOT Sources and Uses

Total Funding = \$4.4 Billion

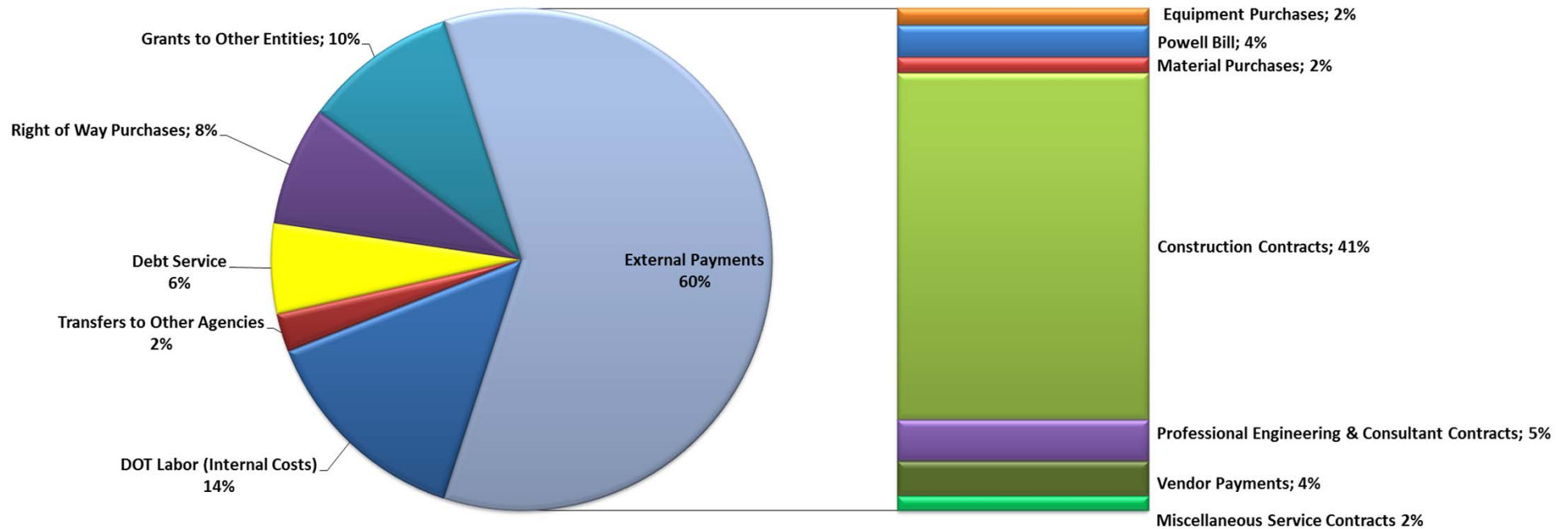


(Includes Receipt Supported Funding of \$0.1B)

Unaudited Financial Report
Transportation

NCDOT Expenditures

SFY2016 as of March 31, 2016



History of Outsourcing

Construction, PE & Maintenance

Direct Payments to Contractors – from Accounting System

LetMonth	2012	2013	2014	2015	2016
July	\$ 448,407,234.80	\$ 185,312,013.66	\$ 176,706,305.23	\$ 113,391,639.12	\$ 110,449,013.36
August	138,357,208.50	289,393,675.95	89,999,231.25	\$ 219,184,446.85	\$ 152,542,311.89
September	158,308,729.59	166,861,142.45	411,096,640.28	\$ 63,613,868.21	\$ 191,800,924.50
October	140,842,886.18	110,471,922.48	130,520,847.46	\$ 259,030,359.39	\$ 90,751,660.73
November	134,024,782.15	67,494,301.44	165,491,329.33	\$ 416,878,346.74	\$ 99,436,537.79
December	92,793,922.73	159,071,326.49	131,252,531.08	\$ 113,550,459.34	\$ 75,546,643.82
January	356,408,776.77	104,084,869.28	359,662,160.77	\$ 101,068,086.75	\$ 108,843,472.19
February	246,292,023.88	164,653,616.54	160,656,840.86	\$ 164,659,003.95	\$ 403,833,363.00
March	223,848,754.38	285,956,557.24	115,534,131.67	\$ 274,440,078.10	\$ 165,504,320.70
April	173,734,294.47	125,968,286.35	472,735,059.92	\$ 126,678,089.12	
May	202,516,469.42	186,589,420.50	127,483,945.94	\$ 554,770,633.05	
June	341,428,007.73	103,102,151.15	309,412,638.16	\$ 329,038,815.45	
Total	\$ 2,656,963,090.58	\$ 1,948,959,283.52	\$ 2,650,551,661.95	\$ 2,736,303,826.06	\$ 1,398,708,247.98



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

DIVISION 5

* U-5928	APEX PEAKWAY, JAMES STREET TO TOWHEE DRIVE.	ENGINEERING	FY 2016 -	\$250,000	(L)
WAKE	CONSTRUCT GRADE SEPARATED INTERCHANGE FOR	RIGHT-OF-WAY	FY 2016 -	\$500,000	(L)
PROJ.CATEGORY	APEX PEAKWAY AT SOUTH SALEM STREET AND CSX	CONSTRUCTION	FY 2017 -	\$2,500,000	(STPDA)
DIVISION	RR.		FY 2017 -	\$4,600,000	(L)
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			\$7,850,000	

DIVISION 13

* R-5528A	CONSTRUCT ACCESS ROAD OFF SR 1129 (HENREDON	CONSTRUCTION	FY 2016 -	\$170,000	(APD)
MITCHELL	ROAD) FROM THE END OF PHASE I PROJECT.			\$170,000	
PROJ.CATEGORY	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
EXEMPT	<u>PROGRAMMED. PROPOSED FUNDING IS</u>				
	<u>APPALACHIAN REGIONAL COMMISSION (ARC) LOCAL</u>				
	<u>ACCESS ROAD FUNDING.</u>				

STIP MODIFICATIONS**DIVISION 2**

EB-5539	GREENVILLE, SOUTH TAR RIVER GREENWAY. PHASE	CONSTRUCTION	FY 2017 -	\$660,000	(DP)
PITT	3: PITT STREET TOWARD MOYE BOULEVARD IN		FY 2017 -	\$903,000	(STPEB)
PROJ.CATEGORY	VICINITY OF PITT MEMORIAL HOSPITAL. CONSTRUCT		FY 2017 -	\$165,000	(L)
TRANSITION	GREENWAY USING EXISTING SIDEWALKS, ROADS AND			\$1,728,000	
	ON NEW LOCATION ALONG THE RIVER.				
	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR RIGHT OF WAY</u>				
	<u>ACQUISITION.</u>				
R-5703	NC 148 (HARVEY PARKWAY), NC 58 TO NC 11.	RIGHT-OF-WAY	FY 2017 -	\$5,332,000	(T)
LENOIR	CONSTRUCT MULTI-LANE FACILITY ON NEW LOCATION.	UTILITIES	FY 2017 -	\$640,000	(T)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 19 TO FY 17</u>	CONSTRUCTION	FY 2017 -	\$14,222,000	(T)
REGIONAL	<u>AND CONVERT TO DESIGN BUILD CONTRACT.</u>		FY 2018 -	\$14,222,000	(T)
			FY 2019 -	\$14,222,000	(T)
			FY 2020 -	\$14,222,000	(T)
				\$62,860,000	

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

* INDICATES FEDERAL AMENDMENT

Thursday, May 05, 2016

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 3

R-2303E SAMPSON PROJ.CATEGORY DIVISION	NC 24, US 421/US 701/SR 1296 (SUNSET AVENUE) TO WEST OF SR 1920 (MOLTONVILLE ROAD). <u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND CONSTRUCTION FROM FY 19 TO FY 20 BASED ON CLARIFICATION OF SCHEDULES.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$7,250,000 (T) FY 2020 - \$9,167,000 (T) FY 2021 - \$9,167,000 (T) FY 2022 - \$9,168,000 (T) \$34,752,000
---	--	------------------------------	--

U-4906 ON SLOW PROJ.CATEGORY TRANSITION	SR 1308 (GUM BRANCH ROAD), EAST CITY LIMITS OF RICHLANDS TO SR 1322 (SUMMERSILL SCHOOL ROAD) IN JACKSONVILLE. WIDEN TO THREE LANES. <u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND CONSTRUCTION FROM FY 17 TO FY 19 TO ALLOW ADDITIONAL TIME TO FOR PLANNING AND DESIGN.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$1,000,000 (STP) FY 2019 - \$7,500,000 (STP) \$8,500,000
--	--	------------------------------	---

U-5319 ON SLOW PROJ.CATEGORY TRANSITION	SR 1308 (GUM BRANCH ROAD), SR 1470 (WESTERN BOULEVARD) IN JACKSONVILLE. IMPROVE INTERSECTION. <u>ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 18 BASED ON CLARIFICATION OF SCHEDULES.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$1,865,000 (STP) FY 2020 - \$2,950,000 (STP) \$4,815,000
--	--	------------------------------	---

U-5789 ON SLOW PROJ.CATEGORY REGIONAL	NC 53 (WESTERN BOULEVARD), SR 2714 (JACKSONVILLE PARKWAY). IMPROVE INTERSECTION. <u>DELAY CONSTRUCTION FROM FY 19 TO FY 20 TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$135,000 (T) FY 2020 - \$563,000 (T) \$698,000
--	--	------------------------------	---

DIVISION 5

B-5321 WAKE PROJ.CATEGORY DIVISION	SR 1153 (OLD HOLLY SPRINGS - APEX ROAD), REPLACE BRIDGE 910374 OVER LITTLE BRANCH. <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME TO SELECT A DESIGN ALTERNATIVE, DESIGN THE PROJECT AND BEGIN THE R/W PHASE.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$60,000 (STPOFF) FY 2018 - \$600,000 (STPOFF) \$660,000
---	---	------------------------------	--

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

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

* I-0914BA WARREN VANCE PROJ.CATEGORY TRANSITION	I-85, SOUTH OF US 158 IN VANCE COUNTY TO NORTH OF SR 1237 (MANSON DREWRY ROAD) IN WARREN COUNTY <u>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</u>	CONSTRUCTION	FY 2016 - \$30,967,000 (NHP) FY 2017 - \$30,966,000 (NHP) \$61,933,000
* I-0914BB WARREN PROJ.CATEGORY TRANSITION	I-85, NORTH OF SR 1237 (MANSON DREWRY ROAD) TO VIRGINIA STATE LINE <u>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</u>	CONSTRUCTION	FY 2016 - \$21,533,000 (NHP) FY 2017 - \$21,533,000 (NHP) \$43,066,000
U-5315A WAKE PROJ.CATEGORY DIVISION	MORRISVILLE PARKWAY EXTENSION, WEST OF HIGHCROFT DRIVE TO EAST OF MILLS PARK DRIVE IN CARY. CONSTRUCT 2-LANE FACILITY ON 4-LANE RIGHT OF WAY. <u>DELAY CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME TO ACQUIRE RIGHT OF WAY.</u>	CONSTRUCTION	FY 2018 - \$3,000,000 (STPDA) FY 2018 - \$3,000,000 (L) \$6,000,000
U-5315B WAKE PROJ.CATEGORY DIVISION	MORRISVILLE PARKWAY EXTENSION, NC 540 (TRIANGLE EXPRESSWAY / WESTERN WAKE FREEWAY). CONSTRUCT INTERCHANGE. <u>DELAY CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME TO ACQUIRE RIGHT OF WAY.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$4,000,000 (BOND R) FY 2018 - \$10,302,000 (L) FY 2018 - \$8,500,000 (BOND R) \$22,802,000
U-5317 WAKE PROJ.CATEGORY DIVISION	NORTH JUDD PARKWAY, NC 55 (NORTH BROAD STREET) TO NC 42 (WEST ACADEMY STREET) IN FUQUAY-VARINA, WAKE COUNTY. MULTILANE FACILITY ON NEW LOCATION. <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18; ADJUST FUNDING SOURCE FOR R/W PHASE; INCREASE CONSTRUCTION FUNDS... AT REQUEST OF MPO.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - \$2,950,000 (STPDA) FY 2017 - \$2,600,000 (L) FY 2017 - \$650,000 (L) FY 2018 - \$18,800,000 (L) \$25,000,000

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

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 6

* U-2519CA	I-295 FAYETTEVILLE OUTER LOOP, SOUTH OF US 401	RIGHT-OF-WAY	FY 2016 -	\$8,300,000	(NHP)
CUMBERLAND	TO SOUTH OF SR 1400 (CLIFFDALE ROAD).	CONSTRUCTION	FY 2016 -	\$20,275,000	(NHP)
PROJ.CATEGORY	<u>GARVEE FUNDING REMOVED. TRADITIONAL</u>		FY 2017 -	\$20,275,000	(NHP)
STATEWIDE	<u>FEDERAL FUNDING TO BE USED. SCHEDULE</u>		FY 2018 -	\$20,275,000	(NHP)
	<u>REMAINS THE SAME.</u>		FY 2019 -	\$20,275,000	(NHP)
				\$89,400,000	

DIVISION 7

* B-5717	SR 4240 (EAST LEE STREET - WESTBOUND), REPLACE	RIGHT-OF-WAY	FY 2019 -	\$314,000	(NHPB)
GUILFORD	BRIDGES 400109 AND 400121 OVER SOUTH BUFFALO	CONSTRUCTION	FY 2020 -	\$3,133,000	(NHPB)
PROJ.CATEGORY	CREEK IN GREENSBORO.		FY 2021 -	\$3,133,000	(NHPB)
DIVISION	<u>REVISE DESCRIPTION TO ADD BRIDGE 400109 TO</u>			\$6,580,000	
	<u>SCOPE AT REQUEST OF STRUCTURES MANAGEMENT</u>				
	<u>UNIT.</u>				

I-5735	I-73 / US 220, RANDOLPH COUNTY LINE TO I-85 / US 421	CONSTRUCTION	FY 2023 -	\$2,620,000	(NHPIM)
GUILFORD	IN GREENSBORO. PAVEMENT REHABILITATION.			\$2,620,000	
PROJ.CATEGORY	<u>MODIFY DESCRIPTION TO EXTEND NORTHERN</u>				
STATEWIDE	<u>PROJECT LIMIT BASED ON LATEST INTERSTATE</u>				
	<u>MAINTENANCE PRIORITIZATION.</u>				

* U-2524D	FUTURE I-840, GREENSBORO WESTERN LOOP, US 220	CONSTRUCTION	FY 2016 -	\$30,050,000	(NHP)
GUILFORD	(BATTLEGROUND AVENUE) TO SR 2303 (LAWNDALE		FY 2017 -	\$30,050,000	(NHP)
PROJ.CATEGORY	DRIVE)			\$60,100,000	
STATEWIDE	<u>GARVEE FUNDING REMOVED. TRADITIONAL</u>				
	<u>FEDERAL FUNDING TO BE USED. SCHEDULE</u>				
	<u>REMAINS THE SAME.</u>				

DIVISION 8

U-5759	NC 159 (ZOO PARKWAY), US 64 (DIXIE DRIVE) /	RIGHT-OF-WAY	FY 2017 -	\$45,000	(T)
RANDOLPH	ATLANTIC AVENUE IN ASHEBORO. INTERSECTION	CONSTRUCTION	FY 2017 -	\$188,000	(T)
PROJ.CATEGORY	IMPROVEMENTS.			\$233,000	
REGIONAL	<u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17</u>				
	<u>AT THE REQUEST OF THE DIVISION OFFICE.</u>				

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 9

* C-4908G ROWAN PROJ.CATEGORY EXEMPT	US 70 (STATESVILLE BOULEVARD), US 601 (JAKE ALEXANDER BOULEVARD) <u>ADD RIGHT-OF-WAY IN FY 16 AND DELAY CONSTRUCTION FROM FY 15 TO FY 17 TO ALLOW THE CITY ADDITIONAL TIME FOR THE R/W PHASE.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$52,000 (CMAQ) FY 2016 - \$13,000 (L) FY 2017 - \$298,000 (CMAQ) FY 2017 - \$75,000 (L) \$438,000
* I-3802B ROWAN PROJ.CATEGORY STATEWIDE	I-85, SR 2180 (LANE STREET) IN CABARRUS COUNTY TO US 29 / US 601 CONNECTOR IN ROWAN COUNTY <u>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2016 - \$13,600,000 (NHP) FY 2016 - \$2,753,000 (NHP) FY 2016 - \$69,500,000 (NHP) FY 2017 - \$69,500,000 (NHP) \$155,353,000
I-5793 DAVIDSON PROJ.CATEGORY STATEWIDE	I-85, EAST OF US 64 TO NC 109 IN THOMASVILLE. PAVEMENT REHABILITATION. <u>MODIFY DESCRIPTION TO EXTEND NORTHERN PROJECT LIMIT BASED ON LATEST INTERSTATE MAINTENANCE PRIORITIZATION.</u>	CONSTRUCTION	FY 2018 - \$5,693,000 (NHPIM) FY 2019 - \$5,693,000 (NHPIM) \$11,386,000
I-5859 ROWAN PROJ.CATEGORY STATEWIDE	I-85, 0.5 MILE SOUTH OF US 52 IN SALISBURY TO SR 2120 (LONG FERRY ROAD) IN SPENCER. PAVEMENT REHABILITATION. <u>MODIFY DESCRIPTION TO EXTEND NORTHERN PROJECT LIMIT BASED ON LATEST INTERSTATE MAINTENANCE PRIORITIZATION.</u>	CONSTRUCTION	FY 2020 - \$4,684,000 (NHPIM) FY 2021 - \$4,684,000 (NHPIM) \$9,368,000
* R-2247CD FORSYTH PROJ.CATEGORY STATEWIDE	SR 1891 / NON-SYSTEM (PEACE HAVEN ROAD), SR 1891 / NON-SYSTEM (PEACE HAVEN ROAD) - US 421 INTERCHANGE AND APPROACHES <u>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$3,200,000 (NHP) FY 2016 - \$9,625,000 (NHP) \$12,825,000
* R-2247EC FORSYTH PROJ.CATEGORY STATEWIDE	US 52 / FUTURE I-74, NC 65 INTERCHANGE. RECONSTRUCT INTERCHANGE. <u>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$2,160,000 (NHP) FY 2016 - \$13,500,000 (NHP) \$15,660,000

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

* INDICATES FEDERAL AMENDMENT

Thursday, May 05, 2016

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

DIVISION 11

B-5147	SR 1509 (CLAYBANK ROAD), REPLACE BRIDGE 040327	CONSTRUCTION	FY 2016 -	\$385,000	(HFB)
ASHE	OVER LITTLE BUFFALO CREEK.			\$385,000	
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 17 TO FY 16.</u>				
HWY FUNDS					

DIVISION 13

* I-5504	I-26, NC 191 (BREVARD ROAD). UPGRADE	RIGHT-OF-WAY	FY 2016 -	\$9,400,000	(NHP)
BUNCOMBE	INTERCHANGE.	CONSTRUCTION	FY 2016 -	\$13,500,000	(NHP)
PROJ.CATEGORY	<u>GARVEE FUNDING REMOVED. TRADITIONAL</u>		FY 2017 -	\$13,500,000	(NHP)
STATEWIDE	<u>FEDERAL FUNDING TO BE USED. SCHEDULE</u>		FY 2018 -	\$13,500,000	(NHP)
	<u>REMAINS THE SAME.</u>		FY 2019 -	\$13,500,000	(NHP)
				\$63,400,000	

DIVISION 14

B-4792	SR 1102 (PEARSON FALLS), REPLACE BRIDGE 740004	CONSTRUCTION	FY 2016 -	\$650,000	(STPOFF)
POLK	OVER FORK CREEK (SMALL BRANCH OF PACOLET			\$650,000	
PROJ.CATEGORY	RIVER).				
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 17 TO FY 16.</u>				
	<u>UTILITY ISSUES HAVE BEEN RESOLVED, ALLOWING</u>				
	<u>PROJECT TO BE ACCELERATED.</u>				
W-5506	NC 191, SR 1381 (MOUNTAIN ROAD) TO NORTH OF SR	CONSTRUCTION	FY 2017 -	\$1,975,000	(HSIP)
HENDERSON	1365 (NORTH RUGBY ROAD). CONSTRUCT A THREE-		FY 2017 -	\$2,500,000	(STP)
PROJ.CATEGORY	LANE SECTION BETWEEN N/S RUGBY AND COUNTRY			\$4,475,000	
REGIONAL	ROAD, EXTEND RIGHT TURN LANE INTO WEST				
	HENDERSON SCHOOL, REVISE AND INSTALL				
	GUARDRAIL AT VARIOUS LOCATIONS, CONSTRUCT				
	ENTRANCE TO RUGBY MIDDLE SCHOOL ON NEW				
	LOCATION, AND CONSTRUCT PAVED SHOULDERS.				
	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>				

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

* INDICATES FEDERAL AMENDMENT

Thursday, May 05, 2016

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP DELETIONS

DIVISION 7

* U-5849	AYCOCK STREET, SR 4240 (GATE CITY BOULEVARD)	RIGHT-OF-WAY	FY 2018 -	\$366,000	(STP)
GUILFORD	TO SPRING GARDEN STREET IN GREENSBORO.		FY 2018 -	\$91,000	(L)
PROJ.CATEGORY	REPLACE RAILROAD OVERPASS AND WIDEN	UTILITIES	FY 2018 -	\$44,000	(STP)
DIVISION	ROADWAY.		FY 2018 -	\$11,000	(L)
	<u>DELETE AT THE REQUEST OF MPO AND DIVISION.</u>	CONSTRUCTION	FY 2021 -	\$1,066,000	(STP)
			FY 2021 -	\$266,000	(L)
				\$1,844,000	

DIVISION 11

* B-5385	SR1356 (OLD JOHNS RIVER ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2018 -	\$40,000	(HFB)
CALDWELL	130123 OVER ESTES MILL CREEK.	CONSTRUCTION	FY 2019 -	\$400,000	(HFB)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER 17BP</u>			\$440,000	
HWY FUNDS	<u>PROGRAM.</u>				

DIVISION 12

* EB-5546	CONSTRUCT SEGMENT OF GATEWAY TRAIL FROM	CONSTRUCTION	FY 2016 -	\$492,000	(FLAP)
CLEVELAND	GALILEE CHURCH ROAD TO BETHLEHEM ROAD. FLAP		FY 2016 -	\$123,000	(L)
PROJ.CATEGORY	PROJECT NC FLAP CLVND TRL(1).			\$615,000	
EXEMPT	<u>DELETE AT THE REQUEST OF THE LOCAL</u>				
	<u>GOVERNMENT.</u>				

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

* INDICATES FEDERAL AMENDMENT

Thursday, May 05, 2016

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

ADDITIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5180	Winston-Salem Transit Authority	Purchase of twelve (12) small, low-floor, light duty gasoline engine expansion buses for paratransit ADA Service	FBUS	5339	1,296						
			Local	L	229						
TA-4795A	Winston-Salem Transit Authority	Replacement Bus	5307	STPDA	3,600						
			Local	L	635						
TG-4805	Winston-Salem Transit Authority	Routine Capital – Bus Stop Shelters, benches, shop equip., spare parts, engines, farebox, service vehicles, etc.	5307	STPDA	500						
			Local	L	125						
TA-4785C	Charlotte Area Transit System	Replacement Bus – CMAQ Application # MU-10	5307	CMAQ	2,128						
			Local	L	532						
TA-5200	Chapel Hill Transit System	Bus Replacement Project (C-5605C)	5307	CMAQ		1,120					
			Local	L		280					
TA-4726A	Chapel Hill Transit System	3 Replacement Buses	5307	STPDA		973					
			Local	L		199					
TA-5199	Durham Area Transit Authority	Bus Replacement Project (C-5605B)	5307	CMAQ		1,120					
			Local	L		280					
TA-5201	Gastonia Transit System	Bus Replacement Project for Gastonia Express Mid-Day Route	5307	CMAQ	71						
			Local	L	19						
TO-5213	Gastonia Transit System	Operational Assistance for Gastonia Express Mid-Day Route (C-5606G)	5307	CMAQ	71						
			Local	L	79						
TA-5198	Piedmont Authority for Regional Transportation – Winston- Salem Urban Area (C-5620B)	Bus Replacement	5307	CMAQ	372						
			Local	L	93						

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.

TT-5205	North Carolina Department of Transportation	Ferry Division will purchase and install Visuals Paging Systems on board five class ferry vessels	FNF	5317	53						
			State	S	13						

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TG-4752B	Goldsboro Wayne Transportation Authority	Preventive Maintenance	FUZ	5307	201	201	201	201	201	201	201
			Local	L	20	50	50	50	50	50	50
		CONTINUED			FY23						
			FUZ	5307	201						
			Local	L	50						
TG-4752C	Goldsboro Wayne Transportation Authority	Operating Assistance – ADA Paratransit Service	FUZ	5307	140	140	140	140	140	140	140
			Local	L	35	35	35	35	35	35	35
		CONTINUED			FY23						
			FUZ	5307	140						
			Local	L	35						
TG-4759	Greensboro Transit Authority	Preventive Maintenance	FUZ	5307	4,936	2,506	2,546	2,586	2,627	2,668	2,711
			Local	L	1,234	626	636	646	657	667	678
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	2,753	2,797	2,841				
			Local	L	688	699	710				
TG-4753	Greensboro Transit Authority	Preventive Maintenance & Passenger Amenities	FUZ	5307		84	84	84	84	84	84
			Local	L		21	21	21	21	21	21
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	84	84	84				
			Local	L	21	21	21				
TG-4957	Greensboro Transit Authority	Operating – ADA Paratransit	FUZ	5307	905	455	462	470	477	485	492
			Local	L	226	114	116	117	119	121	123
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	500	508	516				
			Local	L	125	127	129				

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-5105	Greensboro Transit Authority	Routine Capital	FUZ	5307	94	52	53	54	55	55	56
			Local	L	23	13	13	13	14	14	14
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	57	58	60				
			Local	L	14	15	15				
TS-4758	Greensboro Transit Authority	Safety and Security	FUZ	5307	91	46	46	47	48	48	49
			Local	L	23	11	12	12	12	12	12
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	50	51	52				
			Local	L	13	13	13				
TG-4759	Greensboro Transit Authority	Preventive Maintenance	FUZ	5307	4,936	2,506	2,546	2,586	2,627	2,668	2,711
			Local	L	1,234	626	636	646	657	667	678
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	2,753	2,797	2,841				
			Local	L	688	699	710				
TO-4971	Greensboro Transit Authority	Operating – Fixed Route	FUZ	5307	2,986	1,243	1,263	1,283	1,303	1,324	1,345
			Local	L	2,986	1,243	1,263	1,283	1,303	1,324	1,345
			SMAP	S	1,628	1,628	1,628	1,628	1,628	1,628	1,628
			Local	L	1,628	1,628	1,628	1,628	1,628	1,628	1,628
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	1,366	1,387	1,409				
			Local	L	1,366	1,387	1,409				
			SMAP	S	1,628	1,628	1,628				
			Local	L	1,628	1,628	1,628				
TO-5209	Greensboro Transit Authority	Operating – Fixed Route	FUZ	5307		166	166	166	166	166	166
			Local	L		166	166	166	166	166	166
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	166	166	166				
			Local	L	166	166	166				
TA-4767	Greensboro Transit Authority	Replacement Paratransit Buses	FBUS	5339	960	457	464	471	478	485	493
			Local	L	240	114	116	118	120	121	123
		CONTINUED			FY23	FY24	FY25				
			FBUS	5339	500	508	515				
			Local	L	125	127	129				

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.

TO-6139	Greensboro Transit Authority	Section 5310 Operating	FEPD	5310	98	49	50	51	52	52	53
			Local	L	98	49	50	51	52	52	53
		CONTINUED			FY23	FY24	FY25				
			FEPD	5310	54	55	56				
			Local	L	54	55	56				
TQ-7000	Greensboro Transit Authority	Section 5310 Program Administration	FEPD	5310	48	25	25	25	26	26	26
		CONTINUED			FY23	FY24	FY25				
			FEPD	5310	27	27	28				
TQ-6783	Greensboro Transit Authority	Section 5310 Capital Project	FEPD	5310	332	172	174	177	180	182	185
			Local	L	83	43	44	44	45	46	46
		CONTINUED			FY23	FY24	FY25				
			FEPD	5310	187	191	193				
			Local	L	47	48	48				
TM-5308	Greensboro Transit Authority	Transit Enhancement	FUZ	5307	46						
			Local	L	11						
TP-5101	Greensboro Transit Authority	Planning Assistance - 5303	FMPL	5303	141	141	141	141	141	141	141
			State	S	18	18	18	18	18	18	18
			Local	L	18	18	18	18	18	18	18
		CONTINUED			FY23	FY24	FY25				
			FMPL	5303	141	141	141				
			State	S	18	18	18				
			Local	L	18	18	18				

Item I-1B, 27 Projects, Total Federal/State funds \$121,611,000



N.C. Board of Transportation – Working Lunch

NCDOT Report (Performance Update)

Ehren Meister, Division of Planning & Programming



Establishment of “DOT Report” Program

Session Law 2015-241 House Bill 97

Section 29.14 136-18.05

- **Intent:** Increased transparency and responsiveness to public to improve our transportation services

R
esponsiveness

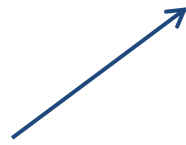
E
fficiency

P
erformance

O
versight

R
estructure

T
ransparency



- Conduct annual employee satisfaction survey
- Conduct annual survey of NC citizens to measure level of customer satisfaction



Performance Update - Surveys

Employee Engagement Survey

- Administered in December 2015
 - 45 questions
 - Multiple choice & 5 essay
 - Provided paper copies to field personnel (responses were transcribed)
- Survey results being finalized
- Senior leadership team will review results this month
- Human Resources developing plan for roll out and action

Customer/Citizen Survey

- Survey results announced in March (84% satisfaction rate)
- Consideration for 2016 survey deployment under development
- Final report available on NCDOT.gov





[Business](#)

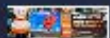
[DMV](#)

[Newsroom](#)

[Programs](#)

[Projects](#)

[Travel & Maps](#)



Adopt-A-Highway Volunteers and NCDOT Promote Litter Sweep



Campaign runs April 16-30 RALEIGH — Hundreds of volunteers from across North Carolina are gearing up for some spring cleaning – outdoors. The N.C. Department of Transportation's Adopt-A-Highway...

[Read More](#)

[Latest News](#)



DMV Services

[Renew Registration](#)



[Driver Manuals](#)



[License Plates](#)



[DMV Locations](#)



Traveler Services

[NC Highway 12](#)



[Live Traffic Updates](#)



[State Travel Map](#)



[Ferry Reservations](#)



High Profile Projects

View information about construction projects in your area.



Or and [Search](#)



[I-40/440
Fortify Project](#)



[Strategic
Transportation
Investments](#)

[REPORT
NCDOT
program](#)

[Transportation
Performance](#)



[Organizational
Performance
Dashboard](#)



[NCDOT Boards](#)



[Gov. McCrory's
25-Year Vision](#)



[Statewide
Logistics Plan](#)



[Contact NCDOT](#)





[DOT REPORT Program](#)

[Performance Dashboard](#)

[Project Progress Report](#)

[Report a Road Hazard](#)

DOT REPORT Program

Per session law 2015-241, 136-18.05, Section 29.14, the North Carolina Department of Transportation is committed to Responsiveness, Efficiency, Performance, Oversight, Restructure, and Transparency. By doing so, the department has established the DOT REPORT program. The following information provides detailed information on each component of the REPORT program.



Responsiveness

Increase transparency and public responsiveness to improve the condition of our roads by quickly addressing structural problems and other reported road hazards.

- [Contact NCDOT to report a road hazard or ask a question](#)



Efficiency

Adopt procedures to streamline project delivery and establish baseline unit pricing for transportation goods.

- [Establishing Baseline Unit Pricing & Streamlining Project Delivery Report \(PDF\)](#) (coming soon)



Performance

Increase transparency and responsiveness to the public by conducting an annual survey of North Carolina residents to measure the level of satisfaction with transportation services and an annual employee satisfaction survey.

- [2015 Customer/Citizen Survey Report](#)
- [2015 DOT Employee Engagement Survey Report](#) (coming soon)
- [Annual Performance Reports](#)



Prioritization 4.0 Update

Board of Transportation
May 2016



P4.0 Highway Changes

Scaling of criteria measures – better distribution of scores

Peak ADT – account for seasonal variations in traffic

Local contribution – larger impact on scoring

Statewide Travel Demand Model (NCSTM) – account for future traffic projections

Safety benefits – account for safety impacts of the proposed improvement

Multimodal/Freight – separate criteria and account for distance to terminals

Economic Competitiveness – focus on county economy

Accessibility/Connectivity – greater points to economically distressed counties

Criteria weights and measures slightly modified from P3.0

Prioritization 4.0

P3.0 & HB 97 Committed Projects

- Programmed for R/W or CON prior to 2021
- Not subject to reprioritization in P4.0
- Examples: I-26 south of Asheville, WS Eastern Beltway, I-85 Widening south of Salisbury, Southern Wake Freeway (western section), Completion of Fayetteville Loop, Havelock Bypass, Mid-Currituck Bridge

Projects submitted for P4.0 from October-November 2015

- Highways – 1200 (\$54B)
 - ~700 automatic carryovers from P3.0
 - ~500 new submittals
- Non-Highways – 750 (\$4B)
 - ~150 automatic carryovers from P3.0
 - ~600 new submittals

Prioritization Team Reviewed and Scored Projects

December 2015 – March 2016

SPOT closely coordinated with several NCDOT units

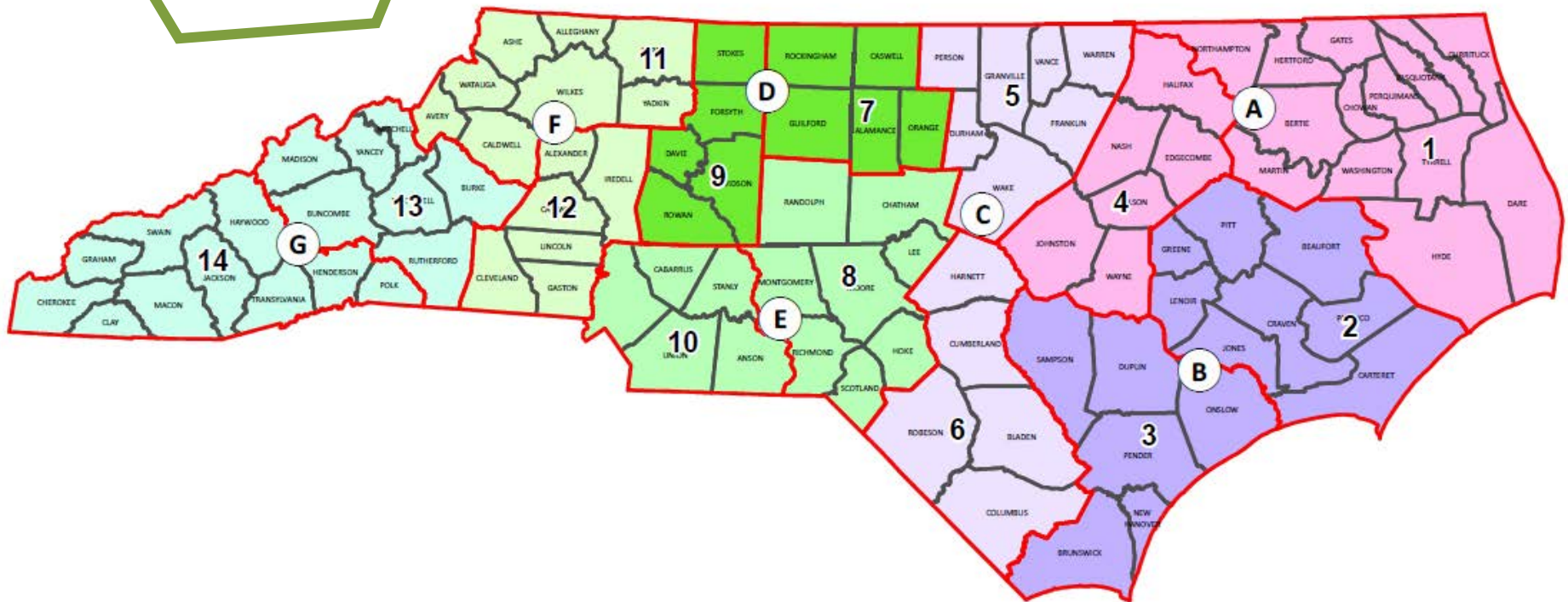
- Information Technology – Existing roadway data; SPOT On!ine
 - Mobility and Safety Division – Intersection/interchange projects; safety data
 - Project Development – Project limits (logical termini)
 - Program Development / Turnpike Authority – Costs and toll revenues
 - Transportation Planning – Statewide Model; Peak ADT
-
- Non-highway modal Divisions – Worked with each on mode-specific scoring

MPOs, RPOs, and Divisions had two week period to review all data inputs, prior to quantitative scores being calculated

Prioritization 4.0 – Summary of Top Scoring Statewide Projects

Project	County(s)
Carolina Connector Intermodal Rail Terminal	Johnston
US 70 interstate upgrade east of New Bern	Craven
US 117 (College Road) improvements in Wilmington	New Hanover
I-77 South managed lanes in Charlotte – I-485 to I-277 (Belk Freeway)	Mecklenburg
US 74 (Dixon Blvd) interchange improvements in Shelby	Cleveland
I-40/I-440/US 1/US 64 interchange in Raleigh	Wake
I-40 improvements in Greensboro	Guilford
US 64 improvements in Cary/Apex	Wake
US 70 improvements in Durham/Raleigh	Durham, Wake
I-85 widening near Gastonia – NC 273 to US 321	Gaston
NC 540 Toll - Southern Wake Freeway (Triangle Expwy SE Ext.)	Wake
I-40 managed lanes in Durham – US 15-501 to NC 147 (Durham Freeway)	Durham
US 17 interchange at NC 211 in Supply	Brunswick

regions & divisions



Prioritization 4.0 – Regional Impact Funding Availability (2018-2027)

Region	Total Allocation	Amount Programmed	Amount Available for P4.0 Projects
A (Divisions 1 & 4)	\$470,163	\$266,291	\$203,872
B (Divisions 2 & 3)	\$665,756	\$391,462	\$274,294
C (Divisions 5 & 6)	\$1,203,495	\$524,795	\$678,700
D (Divisions 7 & 9)	\$925,184	\$631,717	\$293,467
E (Divisions 8 & 10)	\$1,119,265	\$527,581	\$591,684
F (Divisions 11 & 12)	\$618,535	\$310,190	\$308,345
G (Division 13 & 14)	\$479,752	\$333,620	\$146,132
Total	\$5,482,150	\$2,985,656	\$2,496,494

Amounts shown are in \$1,000s

*Prioritization 4.0 – Top Scoring Regional Projects**

Region A (Divisions 1 & 4)

Project	County(s)
US 17 (Hughes Blvd) access management improvements in Elizabeth City	Pasquotank
US 301 access management improvements in Wilson	Wilson
Elizabeth City Signal System	Pasquotank
NC 42 widening west of Clayton	Johnston
US 17 interchange at Harvey Point Road / Wayne Fork Road	Perquimans
US 70 access management Improvements in Selma	Johnston
US 13 widening in Ahoskie	Hertford
US 13 widening east of Goldsboro	Wayne
I-95/US 70 interchange reconstruction	Johnston
Wilson Signal System	Wilson

*Based on Quantitative Scores Only (70% of total score)

*Prioritization 4.0 – Top Scoring Regional Projects**

Region B (Divisions 2 & 3)

Project	County(s)
Ellis Airport runway extension projects in Jacksonville	Onslow
Market Street / New Center Drive intersection improvements in Wilmington	New Hanover
NC 210 widening near Sneads Ferry	Onslow
Kinston Bypass	Lenoir
US 17 intersection improvements at NC 172 near Holly Ridge	Onslow
US 17 interchange at US 17 Bus (Marine Blvd)	Onslow
Greenville Signal System	Pitt
US 421 (Front Street) widening in Wilmington	New Hanover
US 17 widening north of New Bern	Craven

*Based on Quantitative Scores Only (70% of total score)

Note: Region B used Alternate Criteria for Highway Projects

*Prioritization 4.0 – Top Scoring Regional Projects**

Region C (Divisions 5 & 6)

Project	County(s)
NC 54 / McCrimmon Pkwy / NCRR grade separation in Morrisville	Wake
US 1 (Capital Blvd) freeway upgrade north of Raleigh	Wake
NC 147 extension (toll) to McCrimmon Pkwy in Morrisville	Wake
NC 54 widening from I-40 to Barbee Chapel Rd east of Chapel Hill	Durham
US 501 (Madison Blvd) improvements at multiple intersections in Roxboro	Person
I-40/US 15-501 area interchange improvements in Durham	Durham
US 74-76 intersection improvement at NC 87	Columbus
I-40/NC 54 area interchange improvements east of Chapel Hill	Durham
I-40 managed lanes	Wake, Durham

*Based on Quantitative Scores Only (70% of total score)

*Prioritization 4.0 – Top Scoring Regional Projects**

Region D (Divisions 7 & 9)

Project	County(s)
NC 68 (Eastchester Drive) superstreet in High Point	Guilford
Piedmont Triad Airport taxiway and apron improvements	Guilford
NS Rail siding improvements in Jamestown and Lexington	Guilford, Davidson
US 15-501 capacity improvements from NC 86 to Ephesus Church Rd in Chapel Hill	Orange
NC 54 superstreet east of Chapel Hill	Orange
Winston-Salem Western Beltway	Forysth

*Based on Quantitative Scores Only (70% of total score)

*Prioritization 4.0 – Top Scoring Regional Projects**

Region E (Divisions 8 & 10)

Project	County(s)
NC 16 (Brookshire Blvd) improvements east of I-85	Mecklenburg
US 29 improvements at Union Cemetery & Rock Hill Ch Roads in Concord	Cabarrus
US 74 widening west of Monroe	Union
US 74 access management improvements in Wadesboro	Anson
US 1 superstreet near Tramway	Lee
NS Charlotte Wye rail improvements	Mecklenburg
NC 73 widenings NC 115 to US 29 east of Huntersville and Beatties Ford Road to Northcross Road	Mecklenburg, Cabarrus
NC 16 (Providence Road) widening south of Weddington	Mecklenburg
Charlotte Gateway Station (Rail portion)	Mecklenburg
US 15-501 improvements at Pinehurst Traffic Circle	Moore
I-77 managed lanes	Mecklenburg

*Based on Quantitative Scores Only (70% of total score)

*Prioritization 4.0 – Top Scoring Regional Projects**

Region F (Divisions 11 & 12)

Project	County(s)
US 74 Shelby Bypass	Cleveland
US 321 widening south of Lenoir	Caldwell
NC 150 widening north of Mooresville	Iredell
US 21 widening in Mooresville	Iredell
NC 279 widening in Dallas east of US 321	Gaston
NC 180 widening in Shelby	Cleveland
US 321-421 widening west of Boone	Watauga
NC 150 widening west of Lincolnton	Lincoln

*Based on Quantitative Scores Only (70% of total score)

*Prioritization 4.0 – Top Scoring Regional Projects**

Region G (Divisions 13 & 14)

Project	County(s)
US 19-23 (Patton Ave) / NC 63 intersection improvements in Asheville	Buncombe
US 64 / US 276 / NC 280 intersection improvements in Brevard	Transylvania
NC 63 (Leicester Hwy) access management improvements	Buncombe
I-40 interchange at Blue Ridge Road	Buncombe
US 64-276 access management improvements in Brevard	Transylvania
US 74 from NC 143 north of Cheoah to NC 28 at Stecoah ¹	Graham
NC 226 widening in Marion	McDowell
US 70 (Tunnel Road) access management improvements in Asheville	Buncombe

*Based on Quantitative Scores Only (70% of total score)

¹Project is part of Corridor K and is partially funded with Appalachian Development Highway System funds

Prioritization 4.0 – Division Needs Funding Availability (2018-2027)

Region	Total Allocation	Amount Programmed	Amount Available for P4.0 Projects
Division 1	\$391,582	\$280,797	\$110,785
Division 2	\$391,582	\$255,033	\$136,549
Division 3	\$391,582	\$222,673	\$168,909
Division 4	\$391,582	\$201,058	\$190,524
Division 5	\$391,582	\$278,506	\$113,076
Division 6	\$391,582	\$193,567	\$198,015
Division 7	\$391,582	\$246,551	\$145,031
Division 8	\$391,582	\$251,070	\$140,512
Division 9	\$391,582	\$179,472	\$212,110
Division 10	\$391,582	\$288,291	\$103,291
Division 11	\$391,582	\$151,578	\$240,004
Division 12	\$391,582	\$212,616	\$178,966
Division 13	\$391,582	\$190,989	\$200,593
Division 14	\$391,582	\$168,271	\$223,311
Total	\$5,482,148	\$3,120,472	\$2,361,676

Amounts shown are in \$1,000s

Revised P4.0 Schedule of Key Dates

Date	Activity
April 13, 2016	Quantitative Scores and Draft list of Programmed Statewide Mobility Projects released
April 18, 2016 – July 29, 2016	Regional Impact Local Input Points assignment window open (Division Needs Local Input Points optional)
August 2016	NCDOT calculates Regional Impact total scores and programs Regional Impact projects
September – October 2016	Division Needs Local Input Point window opens for 2 months
November 2016	NCDOT calculates Division Needs total scores and programs Division Needs projects
December 2016	NCDOT prepares 2018-2027 Draft STIP
January 2017	2018-2027 Draft STIP released



Board of Transportation, May 4, 2016

Product Evaluation Program Awareness

Ben Johnson, PE



Product Highlight (Approved)

Pi-Lit Sequential Barricade-style Lamp

- Pi-Lit Sequential Barricade-style Lamp is a sequentially-flashing, radio-linked warning lamp which can be secured to the top of existing barrels and barricades.
- These lamps help improve the visibility and safety of the work zone by illuminating barrels and drawing drivers' attention to the new traffic pattern.



Product Highlight (Under Evaluation)

RenewWrap ESR

- RenewWrap ESR is a composite system consisting of high-strength glass or carbon fiber fabric and an epoxy saturating resin.
- When combined, the fabric and resin wrap around existing concrete structures to provide additional strength and protection.





ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS COMMITTEE MEETING MINUTES

DATE: 04/06/2016 TIME: 2:14pm LOCATION: Room 150

MEETING CALLED BY	Mr. Terry Hutchens
BOARD ATTENDEES	Hugh Overholt, Andrew Perkins, Lou Wetmore, Jim Crawford, Malcom K. Fearing, Gus Tulloss, Jeff Sheehan, Tracy F. Dodson, James R. Palermo, Jack Debnam

AGENDA TOPICS

1. APPROVAL OF MARCH MEETING MINUTES - CHAIR HUTCHENS	
DISCUSSION SUMMARY	Mr. Hutchens moved to approve the March 2016 ED&IR Committee Meeting minutes, Mr. Overholt seconded the motion and the minutes were approved unanimously.
ACTIONS TAKEN	March Meeting Minutes Approved
2. THE MAKEUP OF DIFFERENT NC ECONOMIES BY PROSPERITY ZONE	
DISCUSSION SUMMARY	Jeff DeBellis, a Director at the NC Labor and Economic Analysis Division (NC LEAD) of NC Commerce, gave an overview of the macro components of North Carolina's economy. In addition, Mr. DeBellis also presented historical trends in those macro components as well as the methodology and data used in part to develop the prosperity zones in use today. These prosperity zones break up the state by interconnected markets. In turn, the prosperity zones serve as a logical nexus for local leaders to interact with one set of state representatives. Following the presentation, a question and answer period commenced between committee members and Mr. DeBellis on potential solutions to enhance the state's economic development opportunities. The committee thanked Mr. DeBellis for his informative presentation.
ACTIONS TAKEN	Presentation received
3. MEETING ADJOURNED – CHAIR HUTCHENS	
DISCUSSION SUMMARY	Meeting adjourned at 3:07 p.m.
ACTIONS TAKEN	



JOINT COMMITTEE MEETING (FAST/EDIR) AGENDA

BOARD OF TRANSPORTATION MAY 4, 2016

TIME: 1:30 – 3:00 p.m.

LOCATION: Room 150

TOPIC	PRESENTER
Call to Order - Approval of April minutes	C. McQueary, FAST T. Hutchens, EDIR
Economic Impact of Freight	Charles Edwards
Remnant Property	Greg Perfetti
State Property Office	Tim Walton/John Webb
Comments and Wrap-up	Cheryl McQueary, Chair



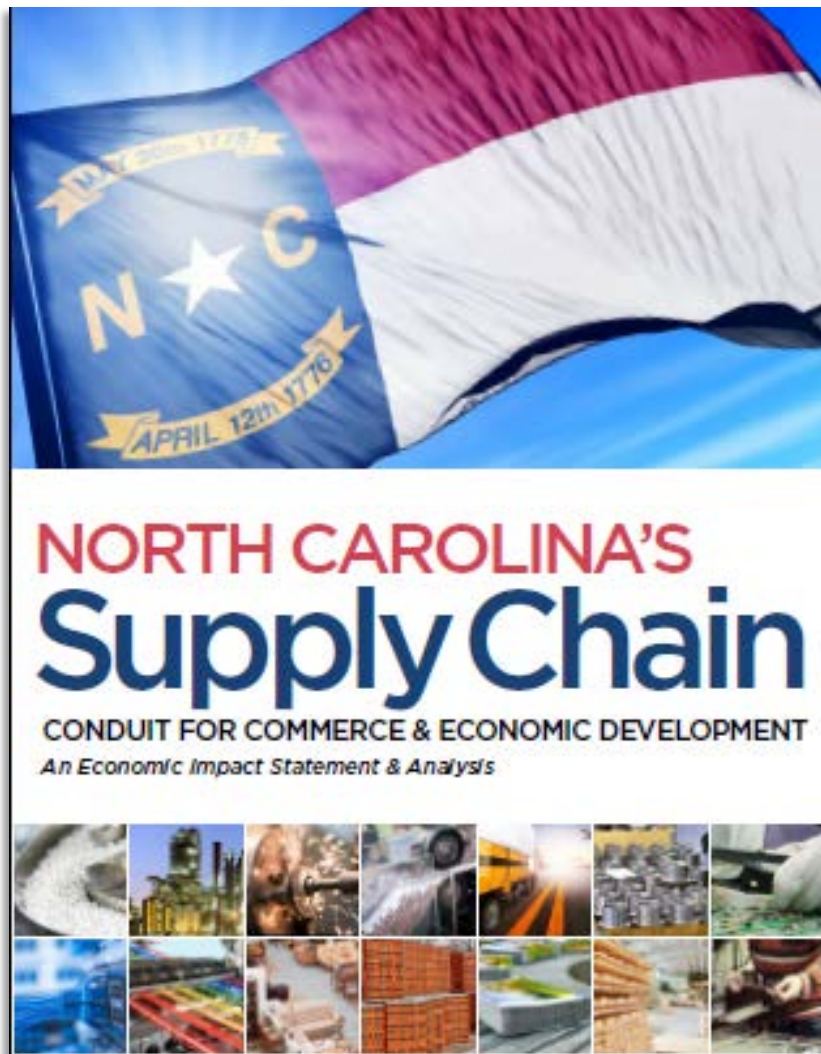
NC Board of Transportation / May 4, 2016

North Carolina's Supply Chain

Charles HW Edwards,
Director – Logistics Strategy



Outline



- Research team
- Context for the Analysis & Report
- Scope of the Report
- Defining the Supply Chain
- Key Findings
- NC's Supply Chain Leading Sectors
- Summary Findings

Research Team



- The Supply Chain Resource Cooperative (SCRC) is an academic-industry partnership dedicated to advancing the supply chain industry & the professionalism of its practitioners
- MBA candidates conducted research, analysis & authored the report through SCRC Supply Chain Scholars practicum
 - John Elliott
 - Dana Magliola
 - Lindsay Schilleman



-
- Key Project Advisors & Scholar Sponsors
 - Material Handling Industry (MHI)
 - NC Center for Global Logistics

Context for the Analysis & Report

- **Quantify** the economic impact of the supply chain in North Carolina
- **Identify** key connections, trends & context
- Provide **perspective** for **planning, investment & policy** to strengthen this vital conduit for prosperity in North Carolina.



A gauge for economic impact

NOTE: Each North Carolinian generates / consumes 40 tons of freight per year = 1 tractor-trailer (TL) load per resident per year = 9+ million TL per year



Scope of Report

- North Carolina in 2013
- Contribution analysis: input-output methodology highlights connectivity
- Conservative approach
- Academic & industry research, subject-matter experts & IMPLAN data
- 14 key supply chain sectors by:
 - Employment
 - Labor Income
 - Output
 - Value Added (GDP Contribution)
 - Taxes



Industries linked together

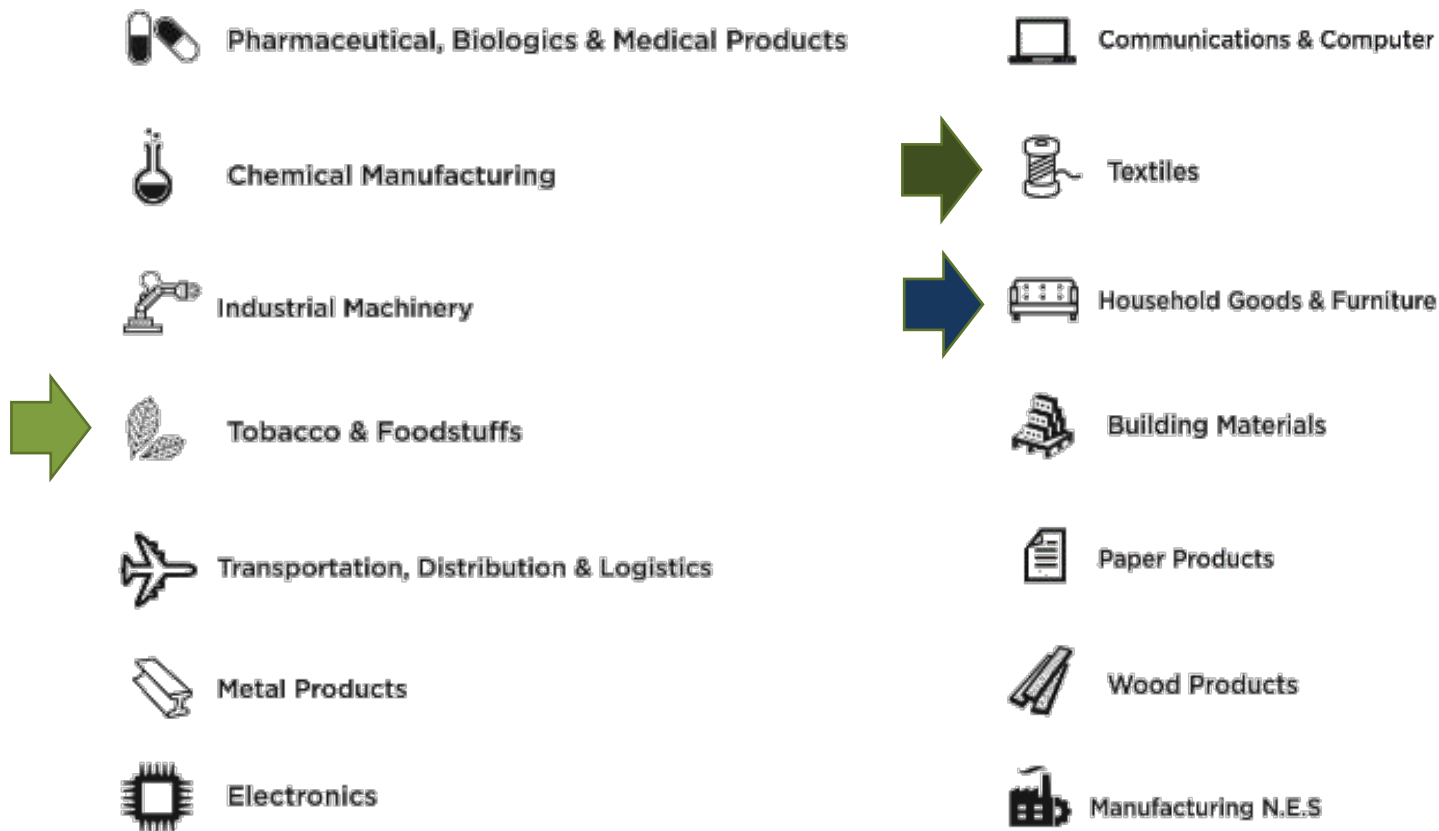
Defining the Supply Chain



- **activities, stakeholders, or organizations** engaged in:
 - *sourcing of inputs, including raw materials,*
 - *production,*
 - *distribution*
 - *delivery of goods and services to downstream or consumer markets*
- **holistic view** of the supply chain
- Study did **NOT** include:
 - finance, customer service, real estate, wholesale, retail, food/beverage & most agricultural sectors

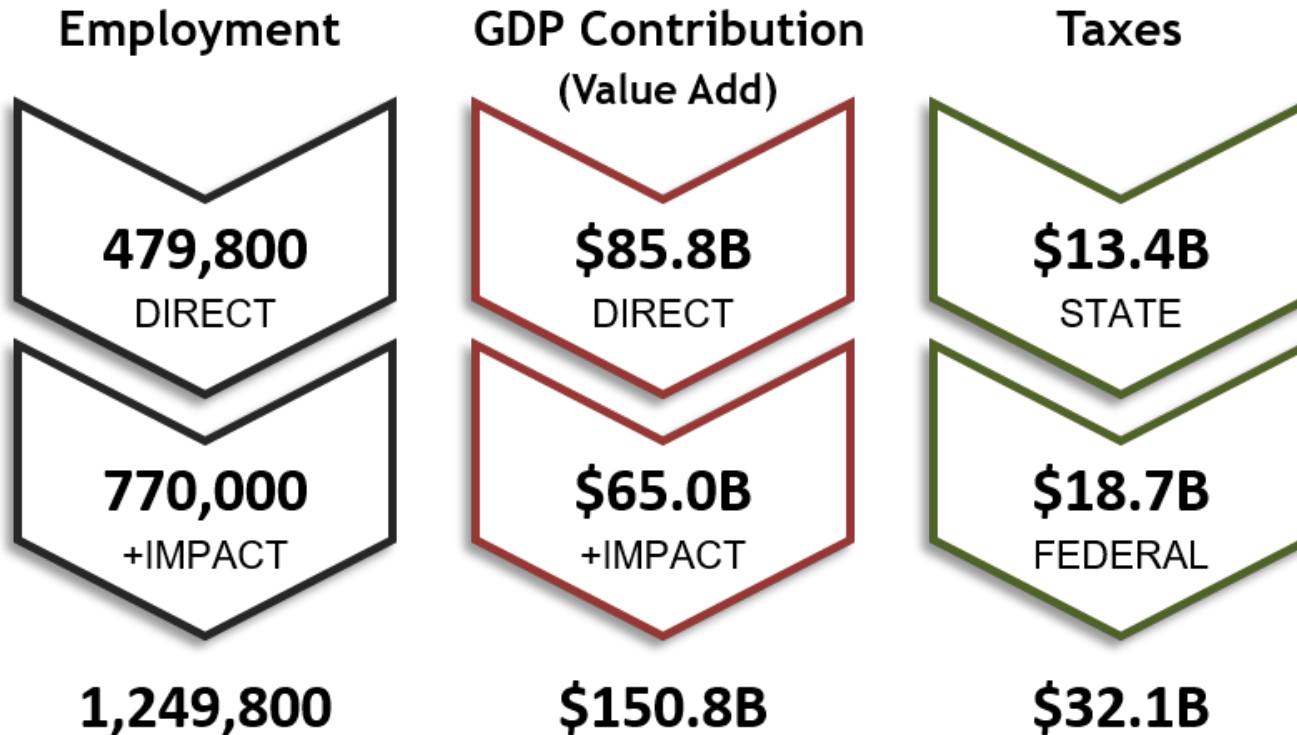
Defining the Supply Chain

- 14 North Carolina Industrial Sectors



Listed in order of Value Added (GDP Contribution)

Key Findings



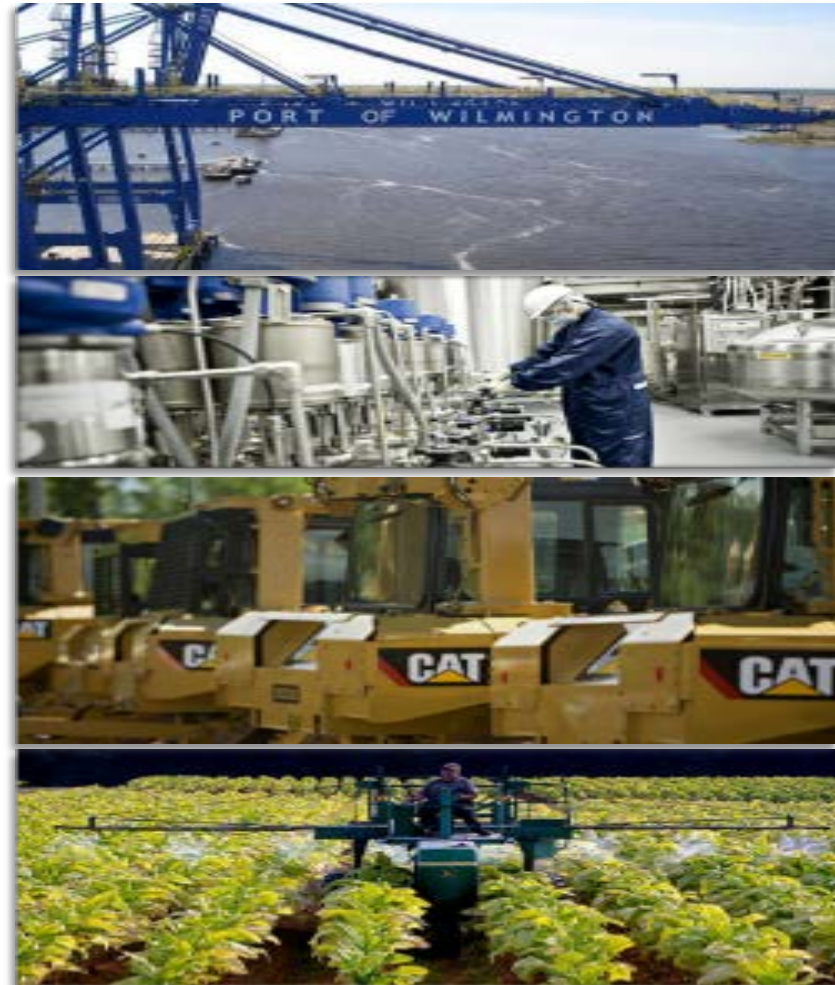
+IMPACT represents Indirect & Induced totals. All figures represent 2013 IMPLAN data

NC's Supply Chain Leading Sectors

Rank	Employment	GDP Contribution	State Taxes Paid
1	Transportation, Distribution and Logistics	Pharmaceuticals, Biologics and Medical Products	Tobacco & Foodstuffs
2	Industrial Machinery and Transportation Equipment	Chemical Manufacturing	Transportation, Distribution and Logistics
3	Textiles	Industrial Machinery and Transportation Equipment	Industrial Machinery and Transportation Equipment
4	Chemical Manufacturing	Tobacco & Foodstuffs	Pharmaceuticals, Biologics and Medical Products
5	Household Goods and Furniture	Transportation, Distribution and Logistics	Chemical Manufacturing

NC's Supply Chain Leading Sectors

- **Transportation, Distribution & Logistics:**
 - 105K+ workers - more than 2.5% of the state's total workforce
 - Nearly \$5.7B in Labor Income
- **Pharmaceutical, Biologics & Medical Products:**
 - GDP contribution of more than \$19.4B
- **Industrial Machinery & Transportation Equipment:**
 - Direct Output of nearly \$38.4B
- **Tobacco & Foodstuffs:**
 - \$5.1B paid in state & local Tax



Summary Findings

- **One of every 4** employed North Carolinians in supply chain
- Present in **every** county
- The **traditional industries** are important to North Carolina
- Average annual labor income: **\$67,780**
 - **156%** of NC average annual wage of \$43,280
 - **52%** more than US average annual wage of \$44,888
 - **58%** of all supply chain employees earn below average manufacturing wage of \$66,630
- Total paid state taxes equal about **58%** from all sources (2013)

We plan for freight flows that never stop!





FAST Committee Meeting – May 2016

Remnant Property Discussion

Greg Perfetti, PE, Director of Field Support



Session Law 2015-241, Section 29.9

Plan - The Department of Administration, in collaboration with the Department of Transportation, shall develop a plan to reduce the amount of remnant property resulting from the acquisition of rights-of-way. The plan shall include a method or methods for disseminating information to contiguous or adjoining landowners and other members of the general public about (i) remnant property eligible for sale or other disposition and (ii) the process for placing a bid or offer on the remnant property, including posting the information required under this subdivision on the Web sites for both Departments.

Report – The Departments shall jointly report to the Joint Legislative Transportation Oversight Committee by February 1, 2016, on the development of the plan required under this section.

Implementation – The Department of Administration shall implement the plan required under this section by July 1, 2016.



Report Summarizes

Catalog of All Properties

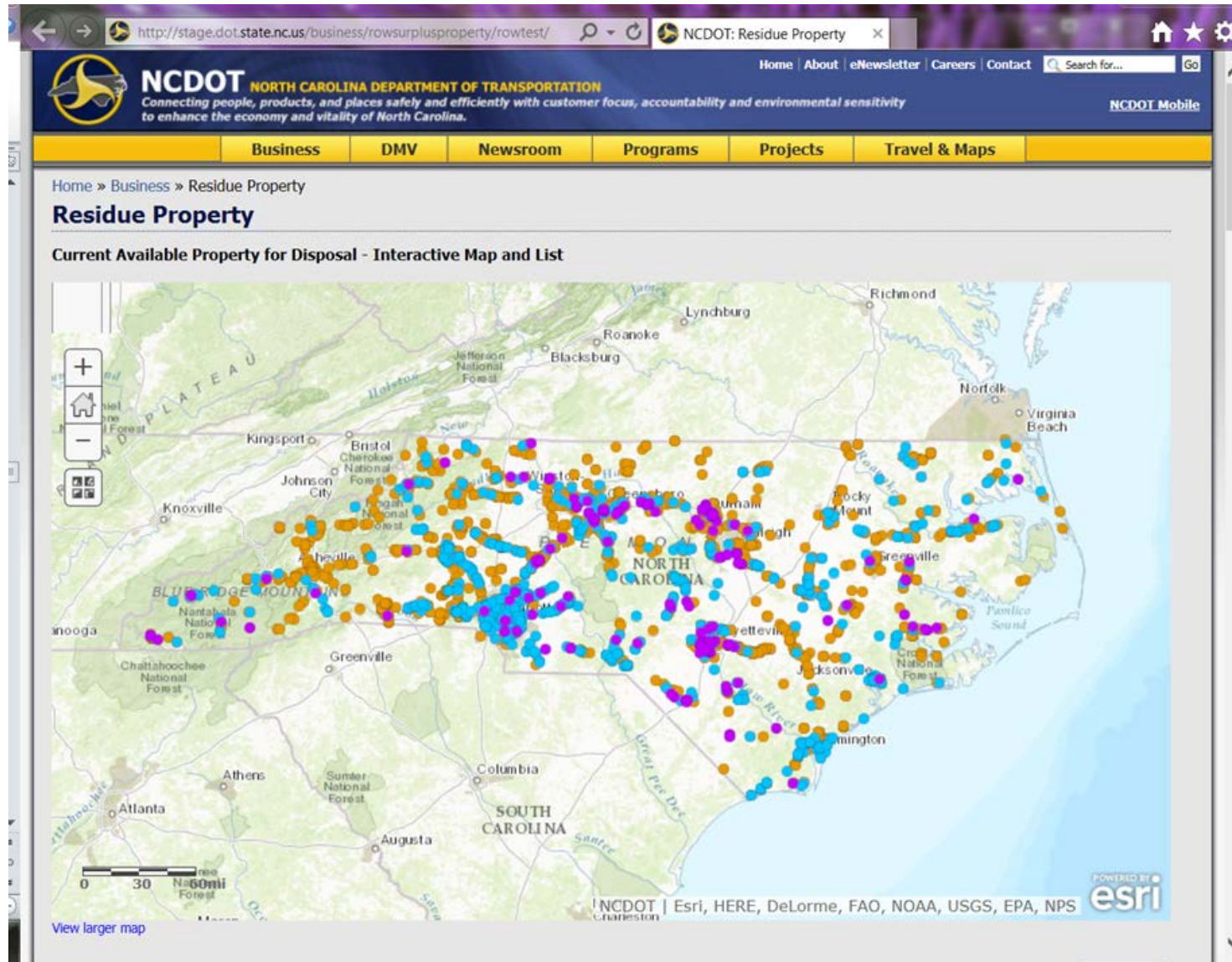
- Resulting from Acquisition of ROW
- Eligible for Sale
- Fair Market Value
- Categorization

Plan for Disposition

- Bid Process
- Posting Information



Map of Available Remnant Properties



Parcel Level Information

The screenshot shows the NCDOT Residue Property web application. The browser address bar displays the URL: <http://stage.dot.state.nc.us/business/rowsurplusproperty/rowtest/>. The page header includes the NCDOT logo and the text "NORTH CAROLINA DEPARTMENT OF TRANSPORTATION" with the tagline "Connecting people, products, and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina." The navigation menu includes links for Home, About, eNewsletter, Careers, Contact, and a search bar. The main content area is titled "Residue Property" and "Current Available Property for Disposal - Interactive Map and List". A map of Alamance County is displayed, showing various parcels. A pop-up window titled "NCDOT Residue Property: ALAMANCE" provides details for a selected parcel:

NCDOT Residue Property: ALAMANCE	
Division	7
County	ALAMANCE
Class	A
Acres	0.47
Latitude	36.078211
Longitude	-79.451341
ID Number	106

The map includes a scale bar (0 to 0.2 miles) and a "View larger map" link. The footer mentions "Participating NC Counties, NCCGIA, NC OneMap, US EPA | NC..." and the Esri logo.



Remnant Property Classification

Based on anticipated use and value

Class A

- Stand alone
- Access
- Commercially or residentially viable

Class B

- Enhance value of adjacent land
- More extensive use when adjoined with adjacent land

Class C

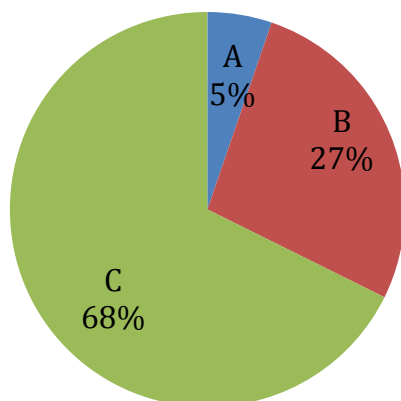
- Does not meet definition of Class A or B
- Only be of interest to adjacent landowner



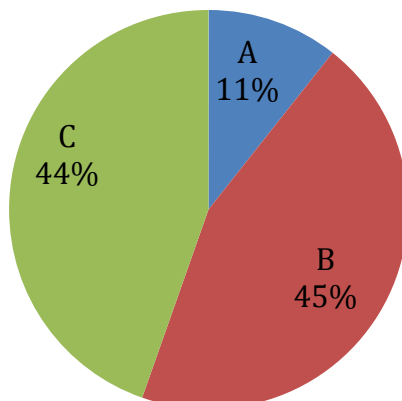
Remnant Property Breakdown

Preliminary Parcel Classification	Number of Parcels	Acres	Estimated Fair Market Value
A	175	540	\$5,682,784
B	899	2,265	\$4,727,653
C	2,245	2,259	\$1,718,992
TOTAL	3,319	5,064	\$12,129,429

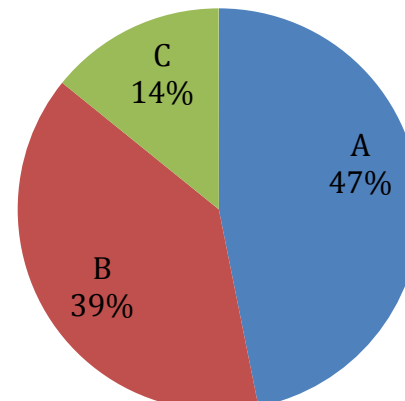
Number of Parcels



Acres



Value



Questions?



FUNDING & APPROPRIATION STRATEGIES COMMITTEE MEETING MINUTES

DATE: 4/6/16 TIME: 2:15 LOCATION: EIC

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

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF MARCH MINUTES	
DISCUSSION SUMMARY	Moved by Mr. Crawford, seconded by Mr. Debnam McQueary, Fearing abstained.
ACTIONS TAKEN	Approved unanimously

2. EQUIPMENT REPLACEMENT – SCOTT CAPPS	
DISCUSSION SUMMARY	Presentation: NCDOT equipment replacement program uses a revolving fund and a rental rate calculator. Extensive analysis goes into rates charged and determining whether to rent vs own and repair vs replace. It is policy to use revolving fund. These reserves are not reported to the legislature as part of the cash balance. Divisions and Units pay specific, standard rental rates for equipment across the state. This money is the basis for funding fleet operations and equipment replacement purchases. Rental rates are based on direct costs, indirect costs, new equipment costs, utilization rates, salvage values and life cycle.
ACTIONS TAKEN	No action taken.

3. FACILITIES MANAGEMENT DIVISION – PRISCILLA WILLIAMS	
DISCUSSION SUMMARY	Presentation: FMD includes Real Estate, Energy Management, Facilities Maintenance and Facilities Design sections. They are responsible for the management of NCDOT's physical plant (2,347 buildings) including implementation and management of the Facility Condition Assessment Program and the administration of the Capital Improvement Program (CIP). The real estate section handles all acquisition and disposition, leasing and asbestos, mold and lead paint testing and abatement. Energy management is responsible for monitoring of energy and water use, management of performance contracts, technical assistance on energy-related matters and informal project management. Facilities maintenance is responsible for the 8 downtown Raleigh facilities and 92 DMV/SHP buildings statewide. Facilities Design handles design and construction administration of the CIP and oversight of projects designed by CIP consultants.
ACTIONS TAKEN	No action taken.

Adjourned: 3:25



JOINT COMMITTEE MEETING (FAST/EDIR) AGENDA

BOARD OF TRANSPORTATION MAY 4, 2016

TIME: 1:30 – 3:00 p.m.

LOCATION: Room 150

TOPIC	PRESENTER
Call to Order - Approval of April minutes	C. McQueary, FAST T. Hutchens, EDIR
Economic Impact of Freight	Charles Edwards
Remnant Property	Greg Perfetti
State Property Office	Tim Walton/John Webb
Comments and Wrap-up	Cheryl McQueary, Chair



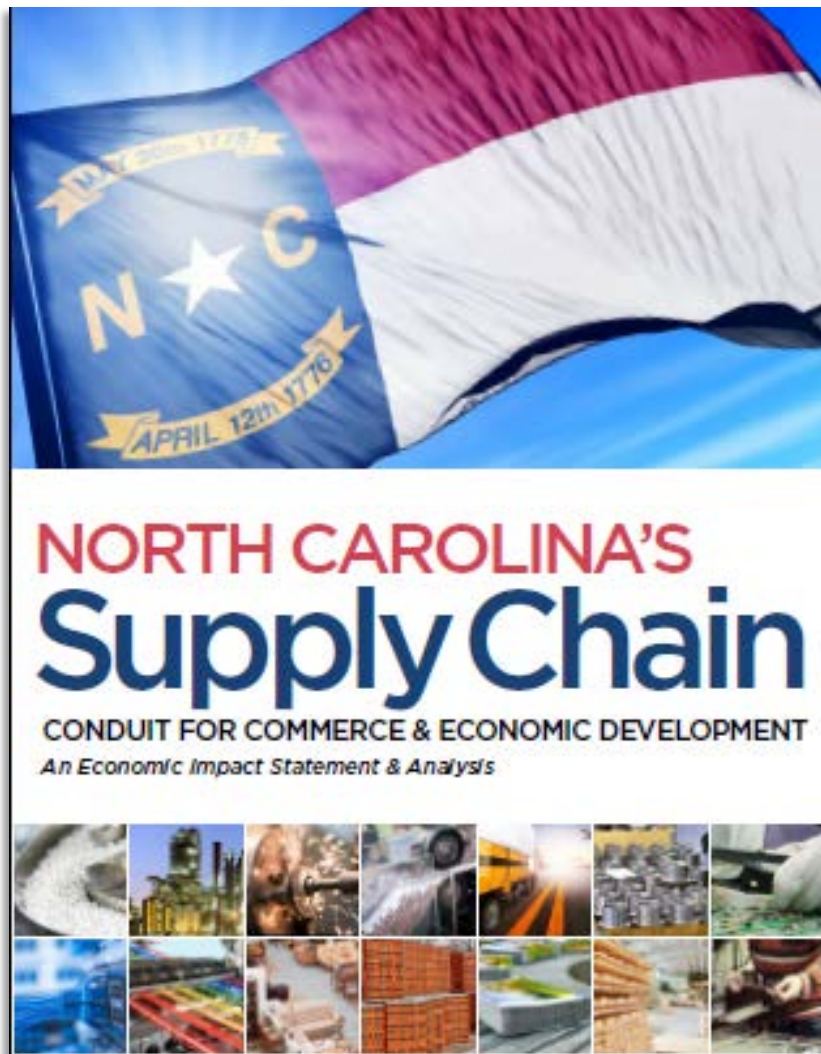
NC Board of Transportation / May 4, 2016

North Carolina's Supply Chain

Charles HW Edwards,
Director – Logistics Strategy



Outline



- Research team
- Context for the Analysis & Report
- Scope of the Report
- Defining the Supply Chain
- Key Findings
- NC's Supply Chain Leading Sectors
- Summary Findings

Research Team



- The Supply Chain Resource Cooperative (SCRC) is an academic-industry partnership dedicated to advancing the supply chain industry & the professionalism of its practitioners
- MBA candidates conducted research, analysis & authored the report through SCRC Supply Chain Scholars practicum
 - John Elliott
 - Dana Magliola
 - Lindsay Schilleman



-
- Key Project Advisors & Scholar Sponsors
 - Material Handling Industry (MHI)
 - NC Center for Global Logistics

Context for the Analysis & Report

- **Quantify** the economic impact of the supply chain in North Carolina
- **Identify** key connections, trends & context
- Provide **perspective** for **planning, investment & policy** to strengthen this vital conduit for prosperity in North Carolina.



A gauge for economic impact

NOTE: Each North Carolinian generates / consumes 40 tons of freight per year = 1 tractor-trailer (TL) load per resident per year = 9+ million TL per year



Scope of Report

- North Carolina in 2013
- Contribution analysis: input-output methodology highlights connectivity
- Conservative approach
- Academic & industry research, subject-matter experts & IMPLAN data
- 14 key supply chain sectors by:
 - Employment
 - Labor Income
 - Output
 - Value Added (GDP Contribution)
 - Taxes



Industries linked together

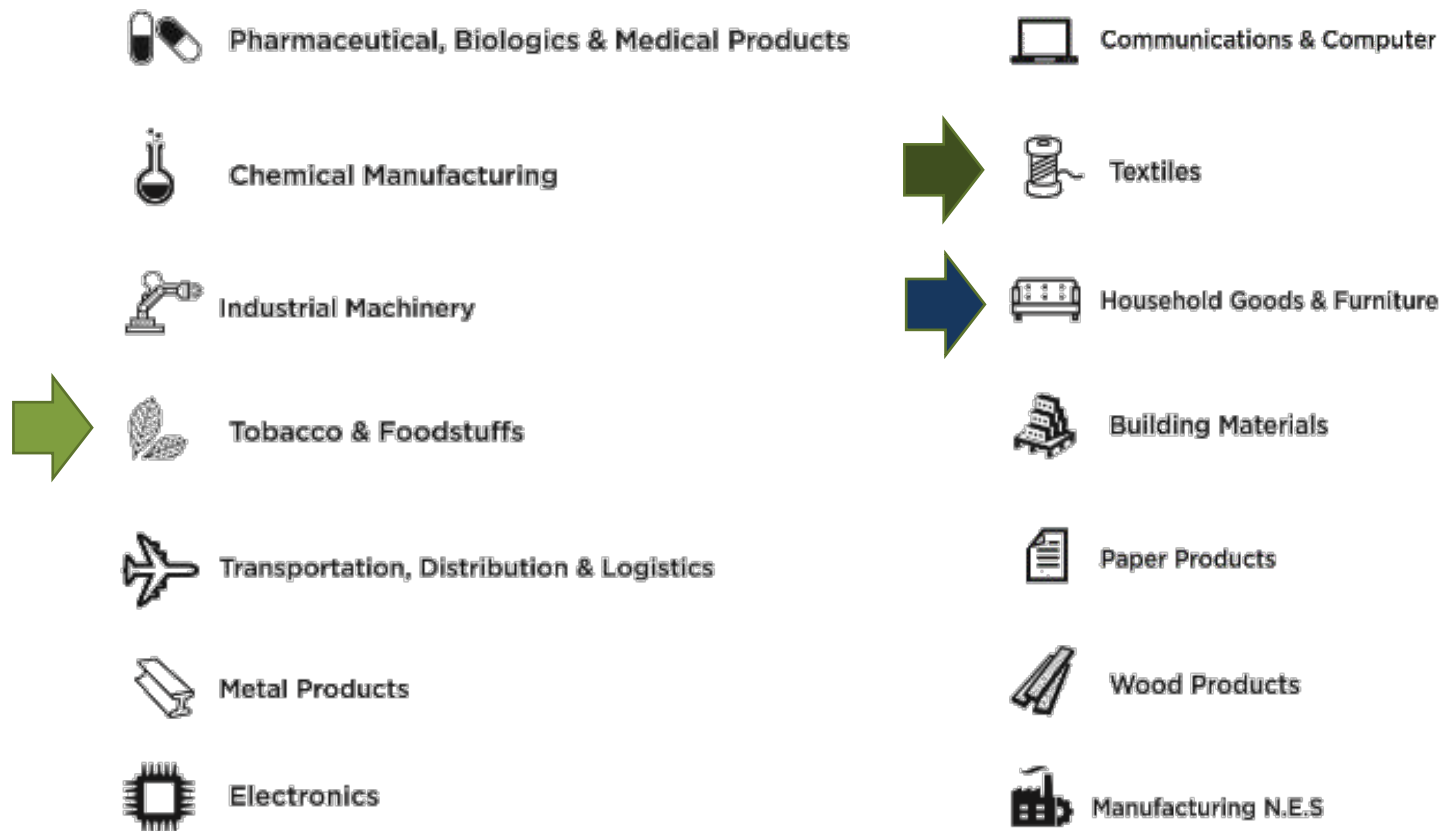
Defining the Supply Chain



- **activities, stakeholders, or organizations** engaged in:
 - *sourcing of inputs, including raw materials,*
 - *production,*
 - *distribution*
 - *delivery of goods and services to downstream or consumer markets*
- **holistic view** of the supply chain
- Study did **NOT** include:
 - finance, customer service, real estate, wholesale, retail, food/beverage & most agricultural sectors

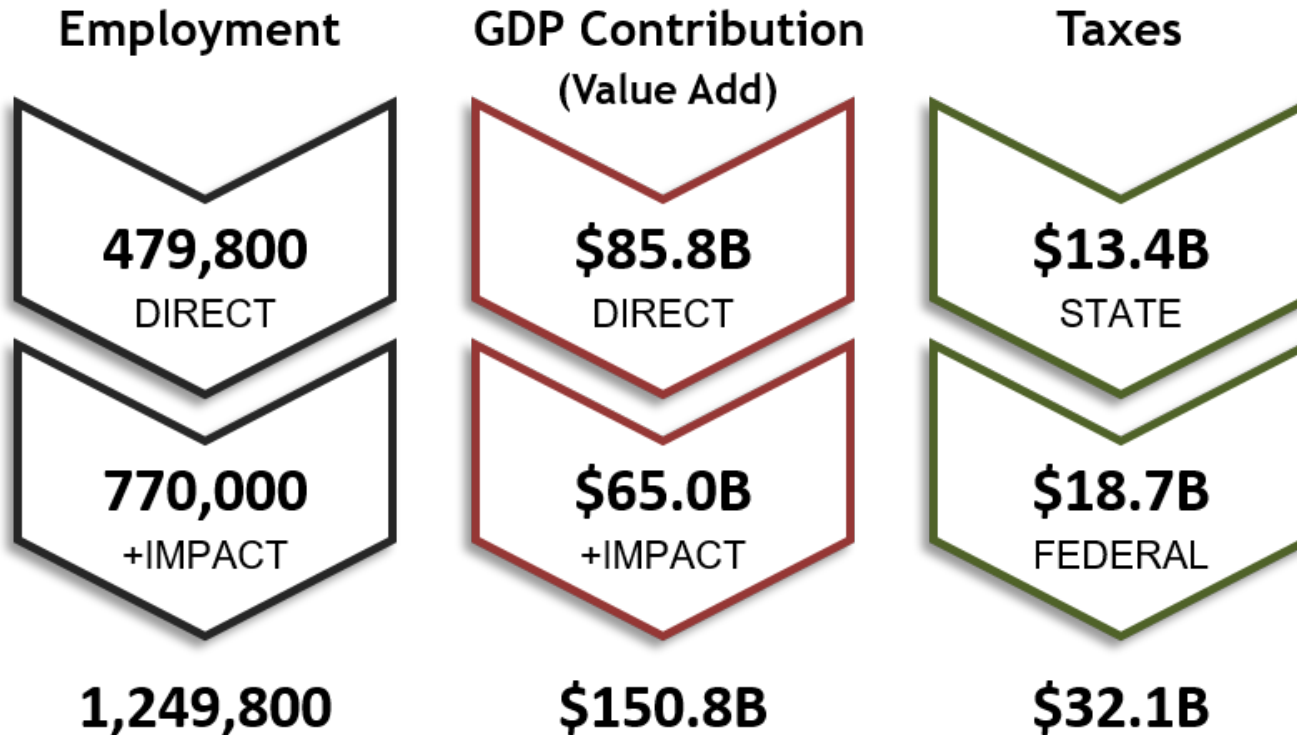
Defining the Supply Chain

- 14 North Carolina Industrial Sectors



Listed in order of Value Added (GDP Contribution)

Key Findings



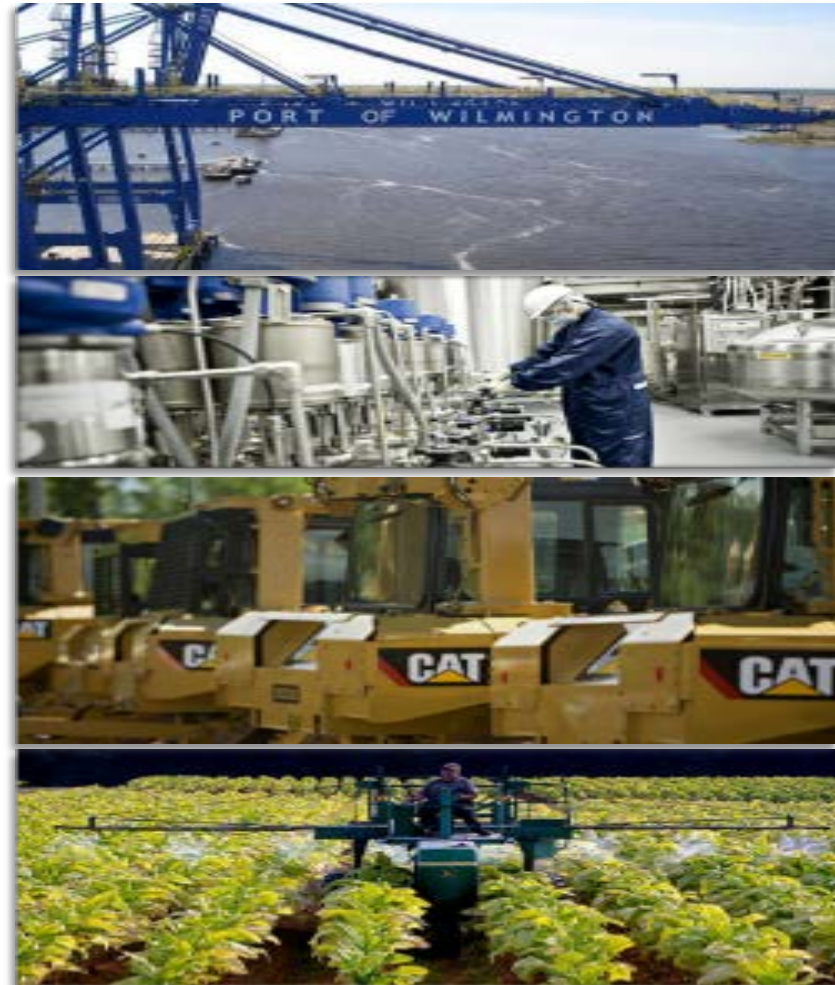
+IMPACT represents Indirect & Induced totals. All figures represent 2013 IMPLAN data

NC's Supply Chain Leading Sectors

Rank	Employment	GDP Contribution	State Taxes Paid
1	Transportation, Distribution and Logistics	Pharmaceuticals, Biologics and Medical Products	Tobacco & Foodstuffs
2	Industrial Machinery and Transportation Equipment	Chemical Manufacturing	Transportation, Distribution and Logistics
3	Textiles	Industrial Machinery and Transportation Equipment	Industrial Machinery and Transportation Equipment
4	Chemical Manufacturing	Tobacco & Foodstuffs	Pharmaceuticals, Biologics and Medical Products
5	Household Goods and Furniture	Transportation, Distribution and Logistics	Chemical Manufacturing

NC's Supply Chain Leading Sectors

- **Transportation, Distribution & Logistics:**
 - 105K+ workers - more than 2.5% of the state's total workforce
 - Nearly \$5.7B in Labor Income
- **Pharmaceutical, Biologics & Medical Products:**
 - GDP contribution of more than \$19.4B
- **Industrial Machinery & Transportation Equipment:**
 - Direct Output of nearly \$38.4B
- **Tobacco & Foodstuffs:**
 - \$5.1B paid in state & local Tax



Summary Findings

- **One of every 4** employed North Carolinians in supply chain
- Present in **every** county
- The **traditional industries** are important to North Carolina
- Average annual labor income: **\$67,780**
 - **156%** of NC average annual wage of \$43,280
 - **52%** more than US average annual wage of \$44,888
 - **58%** of all supply chain employees earn below average manufacturing wage of \$66,630
- Total paid state taxes equal about **58%** from all sources (2013)

We plan for freight flows that never stop!





FAST Committee Meeting – May 2016

Remnant Property Discussion

Greg Perfetti, PE, Director of Field Support



Session Law 2015-241, Section 29.9

Plan - The Department of Administration, in collaboration with the Department of Transportation, shall develop a plan to reduce the amount of remnant property resulting from the acquisition of rights-of-way. The plan shall include a method or methods for disseminating information to contiguous or adjoining landowners and other members of the general public about (i) remnant property eligible for sale or other disposition and (ii) the process for placing a bid or offer on the remnant property, including posting the information required under this subdivision on the Web sites for both Departments.

Report – The Departments shall jointly report to the Joint Legislative Transportation Oversight Committee by February 1, 2016, on the development of the plan required under this section.

Implementation – The Department of Administration shall implement the plan required under this section by July 1, 2016.



Report Summarizes

Catalog of All Properties

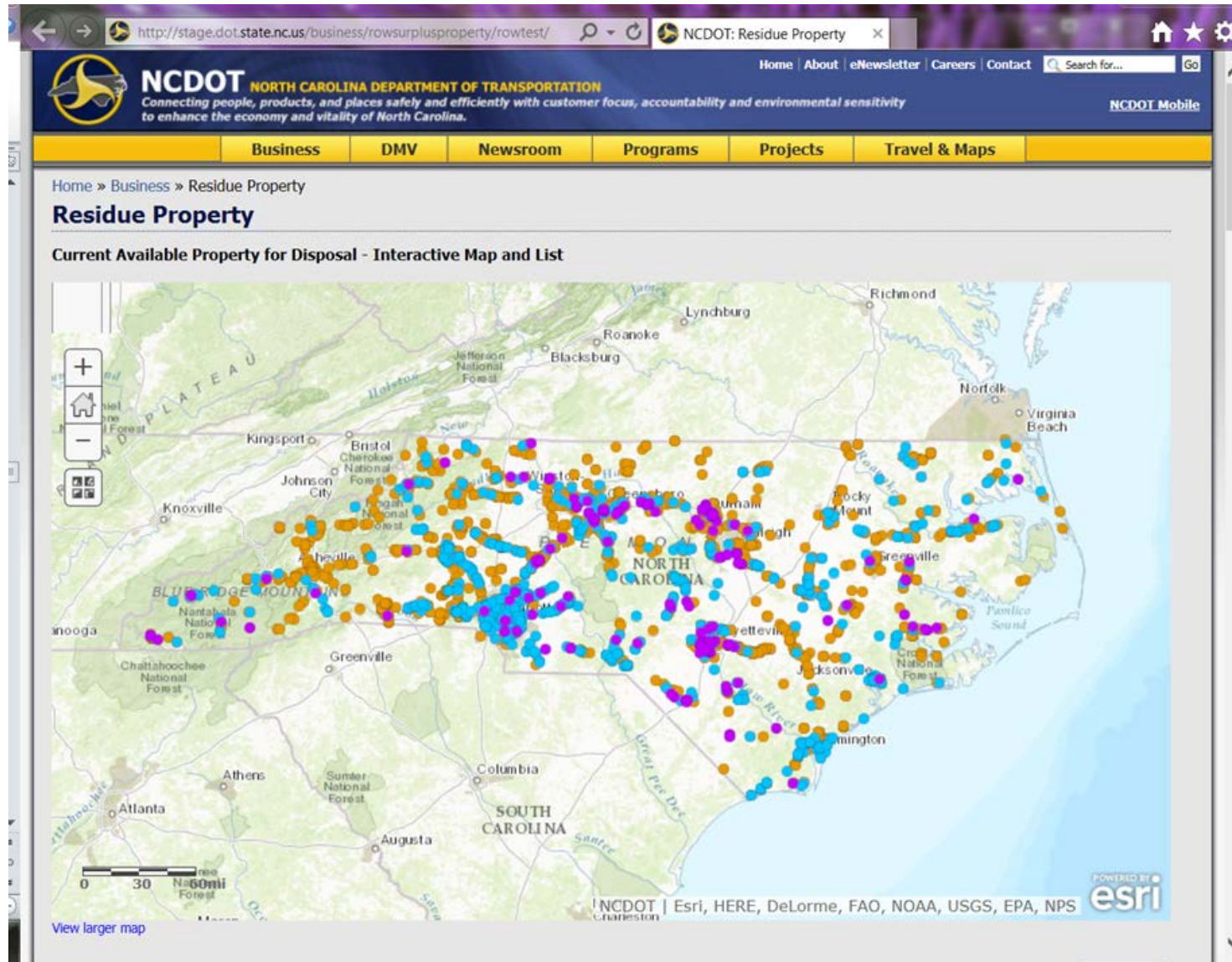
- Resulting from Acquisition of ROW
- Eligible for Sale
- Fair Market Value
- Categorization

Plan for Disposition

- Bid Process
- Posting Information



Map of Available Remnant Properties



Parcel Level Information

The screenshot shows a web browser window displaying the NCDOT Residue Property page. The browser's address bar shows the URL: <http://stage.dot.state.nc.us/business/rowsurplusproperty/rowtest/>. The page header includes the NCDOT logo and the text "NORTH CAROLINA DEPARTMENT OF TRANSPORTATION" with the tagline "Connecting people, products, and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina." The navigation menu includes links for Home, About, eNewsletter, Careers, Contact, and a search bar. The main content area is titled "Residue Property" and "Current Available Property for Disposal - Interactive Map and List". It features a map of a residential area with several parcels highlighted in pink. A pop-up window displays the following information:

(1 of 4)

**NCDOT Residue Property:
ALAMANCE**

Division	7
County	ALAMANCE
Class	A
Acres	0.47
Latitude	36.078211
Longitude	-79.451341
ID Number	106

The map includes a scale bar (0 to 0.2 miles) and a "View larger map" link. The footer of the map area mentions "Participating NC Counties, NCCGIA, NC OneMap, US EPA | NC..." and the Esri logo.



Remnant Property Classification

Based on anticipated use and value

Class A

- Stand alone
- Access
- Commercially or residentially viable

Class B

- Enhance value of adjacent land
- More extensive use when adjoined with adjacent land

Class C

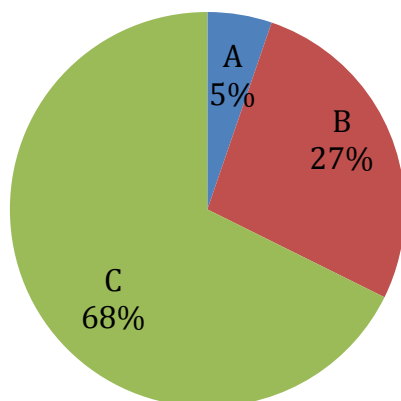
- Does not meet definition of Class A or B
- Only be of interest to adjacent landowner



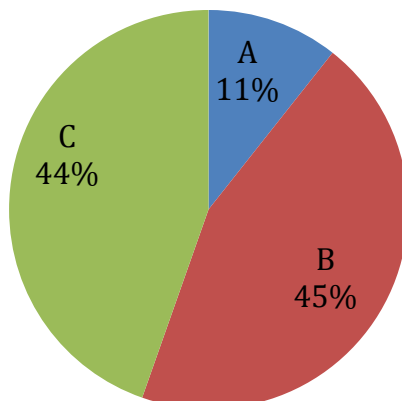
Remnant Property Breakdown

Preliminary Parcel Classification	Number of Parcels	Acres	Estimated Fair Market Value
A	175	540	\$5,682,784
B	899	2,265	\$4,727,653
C	2,245	2,259	\$1,718,992
TOTAL	3,319	5,064	\$12,129,429

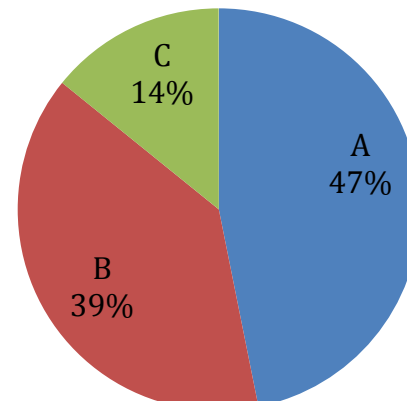
Number of Parcels



Acres



Value



Questions?





HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 04-06-2016 TIME: 10:30 AM – 12:00 PM LOCATION: 150

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

AGENDA TOPICS

1. APPROVAL OF MARCH MINUTES	
DISCUSSION SUMMARY	
ACTIONS TAKEN	Minutes were approved as written.
2. NORTHERN LONG EARED BAT – PHIL HARRIS, PE	
DISCUSSION SUMMARY	<p>The Northern Long Eared Bat (NLEB), one of the smaller bat species, helps control agricultural pests in the State. Formerly common in NC, they have become rare due to the White Nose Syndrome threatening the species. The disease affects cave dwelling bat species by attacking the skin of the muzzle, ears and wings. The bats are awakened from their winter hibernation and forage for food in the cold. They become malnourished and die. Reports are up to 99% for NLEB mortality. Thus, there was a proposed listing on the Federal Register of threatened and endangered species list for these bats in October 2013. With this, came a concern that this would greatly impact project delivery for the Department. Any and all work activities not completed by the time of the listing that could possibly impact the NLEB would be subject to the Endangered Species Act (ESA) and Section 7 consultation. Originally, activities identified that could impact the NLEB included tree clearing, structure and bridge demolition/removal and maintenance activities. The Department did not know what the final ruling was going to be but recognized they had about a year to prepare. The focus became how to keep projects moving and not let the NLEB listing affect letting dates. An RFP was put out and 4 firms were selected that could work with the Department regardless of what the final ruling was. To be proactive, conversations were started with USFWS and FHWA about a programmatic agreement. There are 2 USFWS field offices in NC (Raleigh and Asheville) and they operate autonomously. The Raleigh office covers Divisions 1-8 and Asheville covers Divisions 9-14. Team meetings were held with both offices resulting in a programmatic agreement with the Raleigh office. With this agreement, the Department committed to providing a set amount of effort towards programmatic field work to determine distribution and behavior. The agreement decoupled field work from individual transportation projects and assured NCDOT will not experience project delays in Divisions 1-8 due to the NLEB. This is a 5 year agreement of which we have 4 years remaining. Alternately, in May 2015, the interim rule went into effect for Divisions 9-14 requiring case by case coordination with the USFWS Asheville office for each project. NCDOT and consultants provided a series of data relative to tree clearing acreage estimates, bridge inspections and/or mist netting reports and tree clearing moratoriums. The final rule went into effect in February 2016 and no structure, bridge or culvert surveys or tree clearing estimates are required. However, project by project documentation is still required for Divisions 9-14. There is a tree removal moratorium within 150 feet of a known NLEB maternity roost tree from June 1-July 31. And there can be no tree removal within a ¼ mile of known hibernacula.</p>
ACTIONS TAKEN	

HIGHWAYS COMMITTEE MEETING MINUTES

3. PTI PROJECT UPDATE – MIKE MILLS, PE	
DISCUSSION SUMMARY	<p>The future I-73 Design Build (DB) project near the PTI airport is located in NW Guilford County. The 9.4 mile, \$176.6M project includes 14 bridges and 6 culverts. It also includes a 4 span taxiway bridge over I-73 for future development by PTI. This taxiway bridge is 400' long by 437' wide. The 165 girders are 77" modified bulb tees and the 741 piles have a total length of 39,484 LF. The project began in June 2014 and is currently 55% complete. I-73 is scheduled to be open to traffic from NC 68 to US 220 by mid-December 2016 and then from Byran Boulevard to NC 68 by April 2017 with a final completion date of October 2017. Currently, the taxiway substructure is complete and the girders are scheduled to begin installation in April 2016. Approximately 1.25 miles of the mainline stabilized and paved up to the final inch from NC 68 to Alcorn Road. Additionally, 90% of the large pipe under the mainline has been installed and 5 of the 6 culverts have been completed. Work continues on fine grading, cement treated base course (CTBC), subgrade stylization and paving of mainline and –Y- lines.</p>
ACTIONS TAKEN	

4. KEEP GASTONIA BEAUTIFUL – DIRECTOR PAT JOHNSON	
DISCUSSION SUMMARY	<p>Keep Gastonia Beautiful (KGB), was certified in 1977 as a Keep America Beautiful (KAB) affiliate. KGB's mission is to make the community at large knowledgeable and responsible in natural resource conservation, solid waste handling, recycling, litter abatement and beautification. They have a 33 member Board of Directors with art, beautification, community, education and recycling committees. Their main directive is environmental education and as such, they have a beautification and environmental education program booklet they distribute county-wide to 68 schools. One of the observations noted as a result of litter research conducted by KAB is that individuals are a key source of litter and efforts to reduce litter need to focus on the person and the context. KGB's has multiple local efforts to address litter issues. They have several educational programs aimed at younger children using puppets, books and bookmarks along with mouse pads given to high school computer labs. They also have a localized Swat-A-Litterbug program as well as host events such as bowling and golf tournaments. They've hosted multiple cleanups in the areas as well as provide litter bags to car dealerships to put in new cars. Additionally, KGB distributes fans with 'do not litter' messages to outdoor concerts and baseball games as well as golf pencils with litter messaging to local golf courses. Some of their beautification efforts include cleaning up small local areas and turning them into "pocket parks" that the community can enjoy. They continue to explore new ideas like placing signage in student parking lots and messaging campaigns. Ultimately to be effective, KGB notes there has to be a change process: get the facts, involve the people, develop a plan, focus on results and provide positive reinforcement. Following the presentation, there was discussion on the Department's ongoing efforts litter efforts including increased coverage for litter pickup, the sponsor a highway and adopt a highway programs, and litter pickup contracts.</p>
ACTIONS TAKEN	



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION MAY 4, 2016

TIME: 10:30 AM – 12:00 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
US 70 Goldsboro Bypass Project	Tim Little, PE	20 min
Autonomous Vehicles	Kevin Lacy, PE	20 min
I-40/I-77 Interchange Project - Statesville	Mark Stafford, PE	20 min
Other Discussion	Jake Alexander	30 min



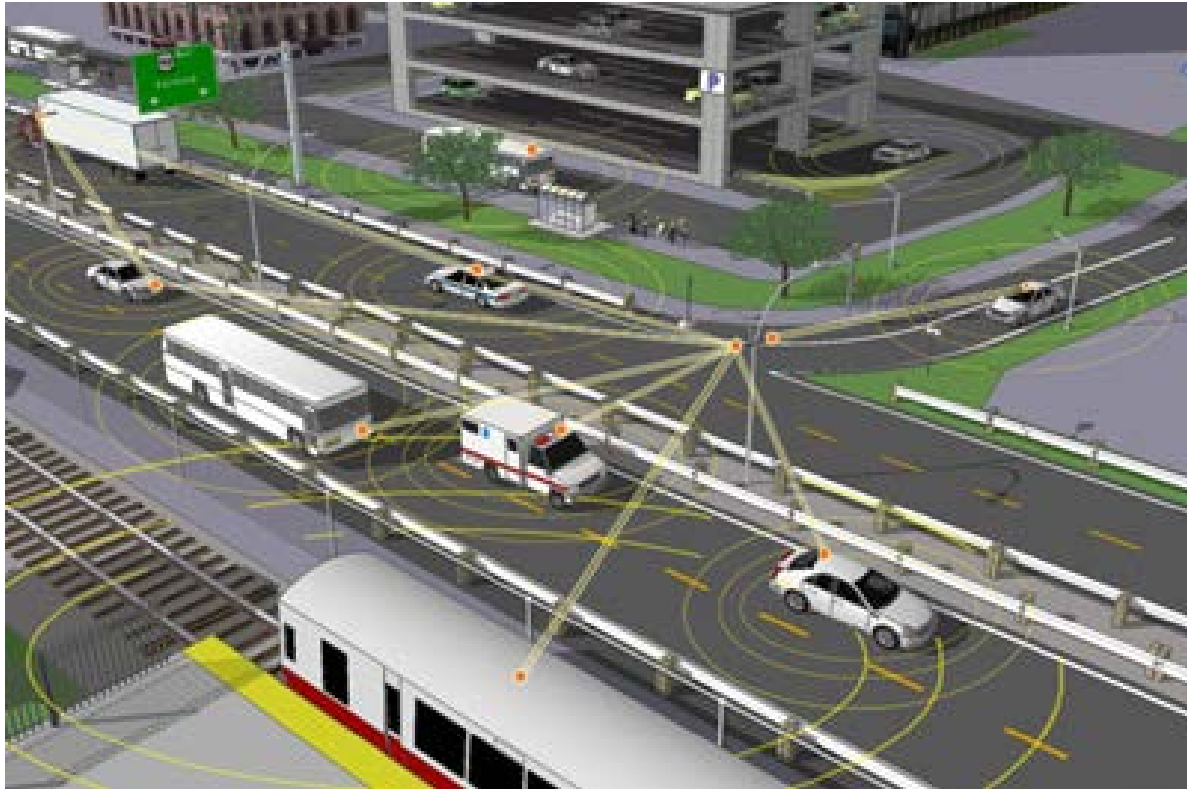
Board of Transportation Highways Committee
May 2016

Autonomous Vehicles

Kevin Lacy, PE, State Traffic Engineer



Nomenclature – Connected Vehicles



Vehicles Connected to:

Each other sending information to each other about speed, braking, other information needed to make decisions

The Infrastructure to determine roadway conditions, signal condition, levels of congestion on various routes, much more

Image from www.networkworld.com

NHTSA working on proposed rules for new vehicles to have communication equipment. The rule is expected in 2016, we should expect some time lag in the requirement to allow automakers sufficient time to react.



Nomenclature – Autonomous

<https://www.ll.mit.edu/publications/imagespublications/urbanchallenge1.jpg>



<http://www.govtech.com/fs/Autonomous-Cars-Could-Increase-Drivership-11-Percent-Researchers-Estimate.html>

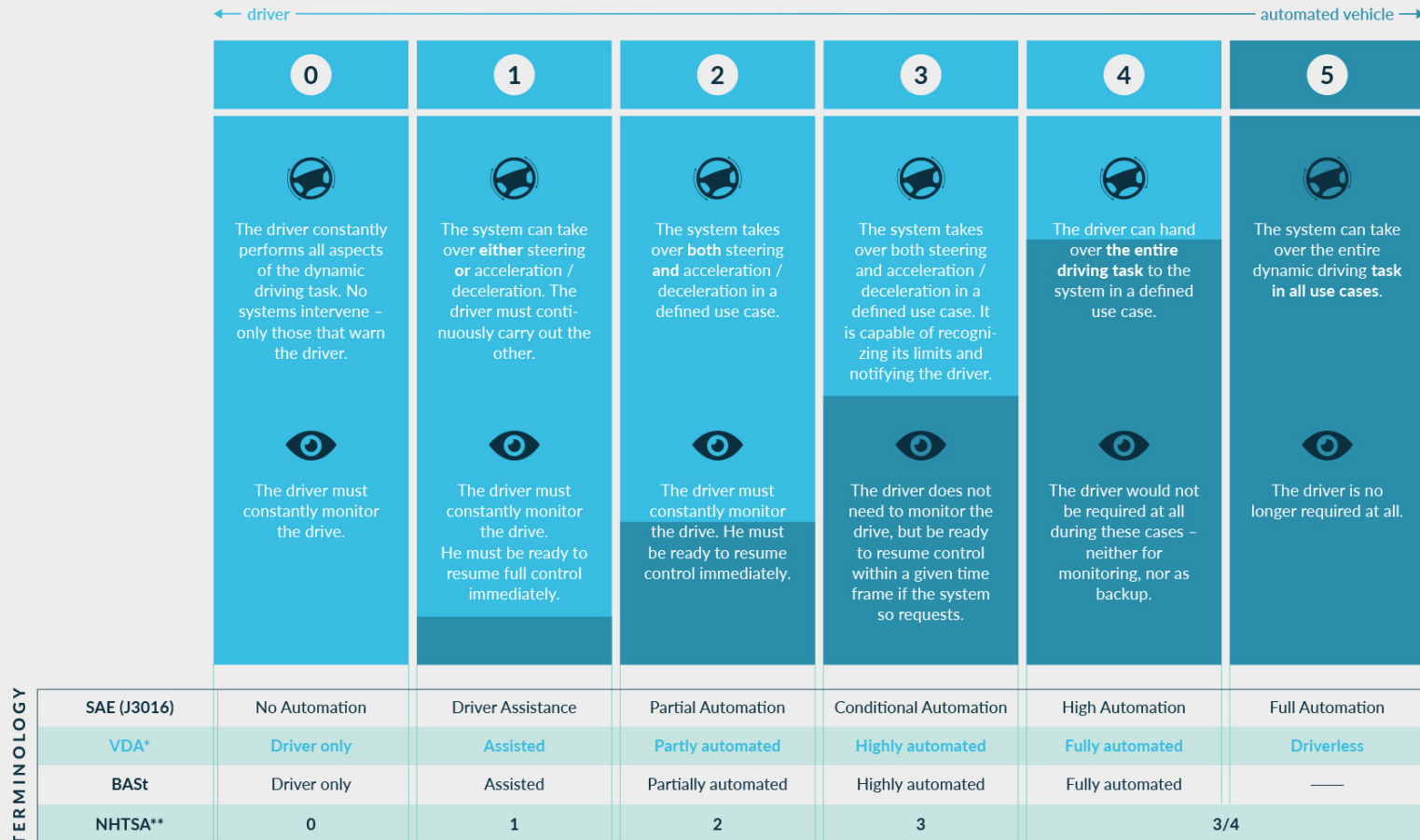


http://si.wsj.net/public/resources/images/BN-MC635_0114dr_P_20160114143938.jpg



<http://www.insurancejournal.com/news/national/2015/04/24/365573.htm>

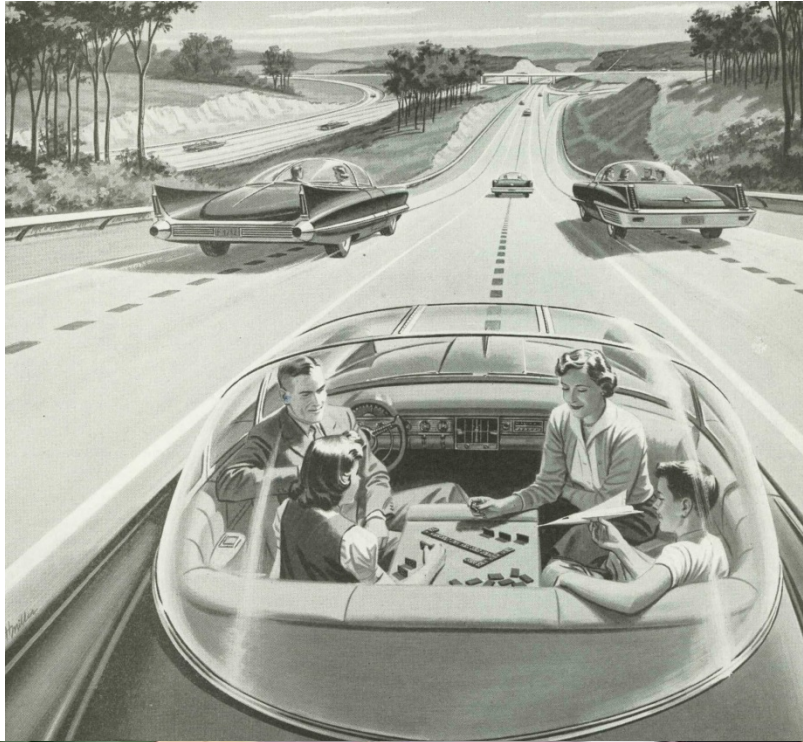
Nomenclature – Levels of Autonomy



* used on this platform

** only roughly corresponding with the other taxonomies

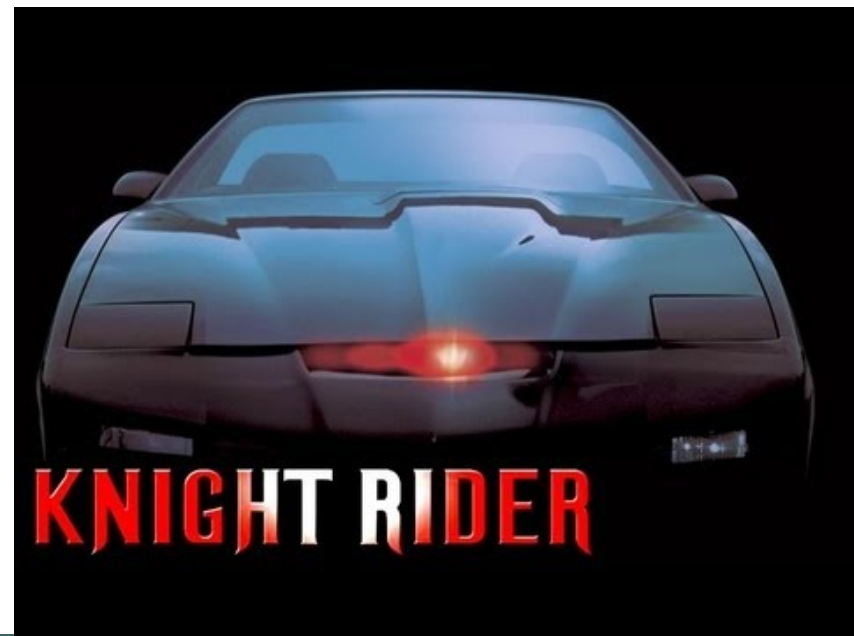
Autonomous Vehicles Not a New Concept



1957 Advertisement about electricity and electronics.

Herbie the Love Bug from the 1968 Disney Shows.

Knight Rider series in the 80's



Some forms of “Automation” and “Connectivity” have been around

Cruise Control invented in the late 40's became available as an option on many cars in 70's

Windshield Wipers

- Intermittent wiper invented in 60's (a form of automation for comfort and convenience)
- Automatic Wipers in 80's (because of the inconveniences of turning on the wipers and judging the best speed of the wipers).

Automatic headlights 60's more common in the 80's

Lane Departure Warning and Lane Keep Assist (LKA) – beginning development in 1992, on the market in 2001 in Japan, 2004 in the US

Parking Assist - developed in the late 90's, on the market in Japan early 2000's, USA and Europe 2009



Some forms of “Automation” and “Connectivity” have been around

Adaptive Cruise Control – Development as early as 1992 warning only; 1997 controlling throttle; 2006 speed and distance control available.

Others Blind Spot Information Systems – 2007 with the first counter steering controls in 2010

Connectivity

- Cell phones
- Navigation
- Traffic conditions via phone, internet and mapping Apps
- Phone Apps for intravehicular communication WAVES, Gas Buddies
- ** No routinely available communications that cause an action of the vehicle without driver intervention ... yet.
- Auto pilot Road Trains – demonstrated
- Other vehicle to infrastructure communication testing in various sites; smart city grant opportunities to promote



Autonomous feature available today

BMW, Lexus, and Mercedes-- Safety and convenience features like automatic cruise control, automatic parking, lane keeping and automatic braking using radar, cameras and other sensors.

Tesla – Autopilot features include lane keeping, automatic breaking, automatic cruise control, blind spot detection, using forward facing sonar and camera, (with ultrasonic sensor monitoring the space 360 degrees around the car).

General Motors – “Super cruise” available 2017

Audi – “Traffic Jam Assist “ that can self drive in stop and go traffic up to 40 mph.

Google – proposing to remove all driver interfaces (not steering wheel, brake or accelerator).



Some Potential Barriers

Government

- Regulations
- Security

Cost

- Currently premium options on high end vehicles
- Maintaining the high cost technology

Legal and Liability Issues

- New issues we have not yet encountered
- Who is responsible?

Public Acceptance

- Driving is a popular past time
- Trust



What does this mean for NCDOT?

Road Maintenance

Will there be more emphasis on road markings?

Will we have to place more emphasis on technology if the infrastructure to vehicle connectivity concepts matures and becomes a requirement?

Will we be required to provide new services?

Transportation Facilities

What impact will AV have on traffic volumes?

How do we consider this in the transportation planning realm?



What does this mean for NCDOT?

Driver Licenses

Will there be a need to have licensed drivers?

If so, who provides that?

Vehicle Registration

Will it increase or decrease?

Public Transportation

Will there be smaller vehicles that provide door to door services?

Will there be a demand for the large buses?

What about intra city public transit?

Will large mass transit system become more or less cost competitive?

Freight Movement

Will we allow trucks to move without drivers?

Will companies want trucks to move without someone providing security?

What about Hazardous material?



What are we doing to prepare for Autonomous Vehicles?

NCDOT has started a comprehensive study to look at this issue holistically from the state perspective.

Two Key Project Objectives and Deliverables Include:

1) Assess the Department and the state's current conditions with regard to autonomous vehicle (AV) testing and operations for the immediate term, medium term, and long term. These conditions include:

- Vehicle Code
- Liability/Tort
- Road owners (NCDOT and municipality) operations and maintenance
- Surface transportation planning (metropolitan planning organizations, municipalities, and NCDOT)
- University Research and Development
- Industrial research, development, and collaboration
- Regional (e.g., multi-state) coalitions and efforts

2) Provide road map of near-term action items for NCDOT and other key state agencies, guidance recommendations for other stakeholders, and a forecast of key exogenous milestones and issues that may impact North Carolina autonomous vehicle readiness and deployment.



What are we doing to prepare for Autonomous Vehicles?

Deliverables:

- Identification of motor vehicle laws that may need revision.
- Review of other statutes that may need to be revised or discussed.
- Recommendations on key activities the state should consider and which activities may be more critical.

Dates:

- Final report late May 2016
- Estimated - February 2017 planning large meeting/workshop around the Autonomous/Connected Vehicle topic to include stakeholders, legislators, industry.



Questions?





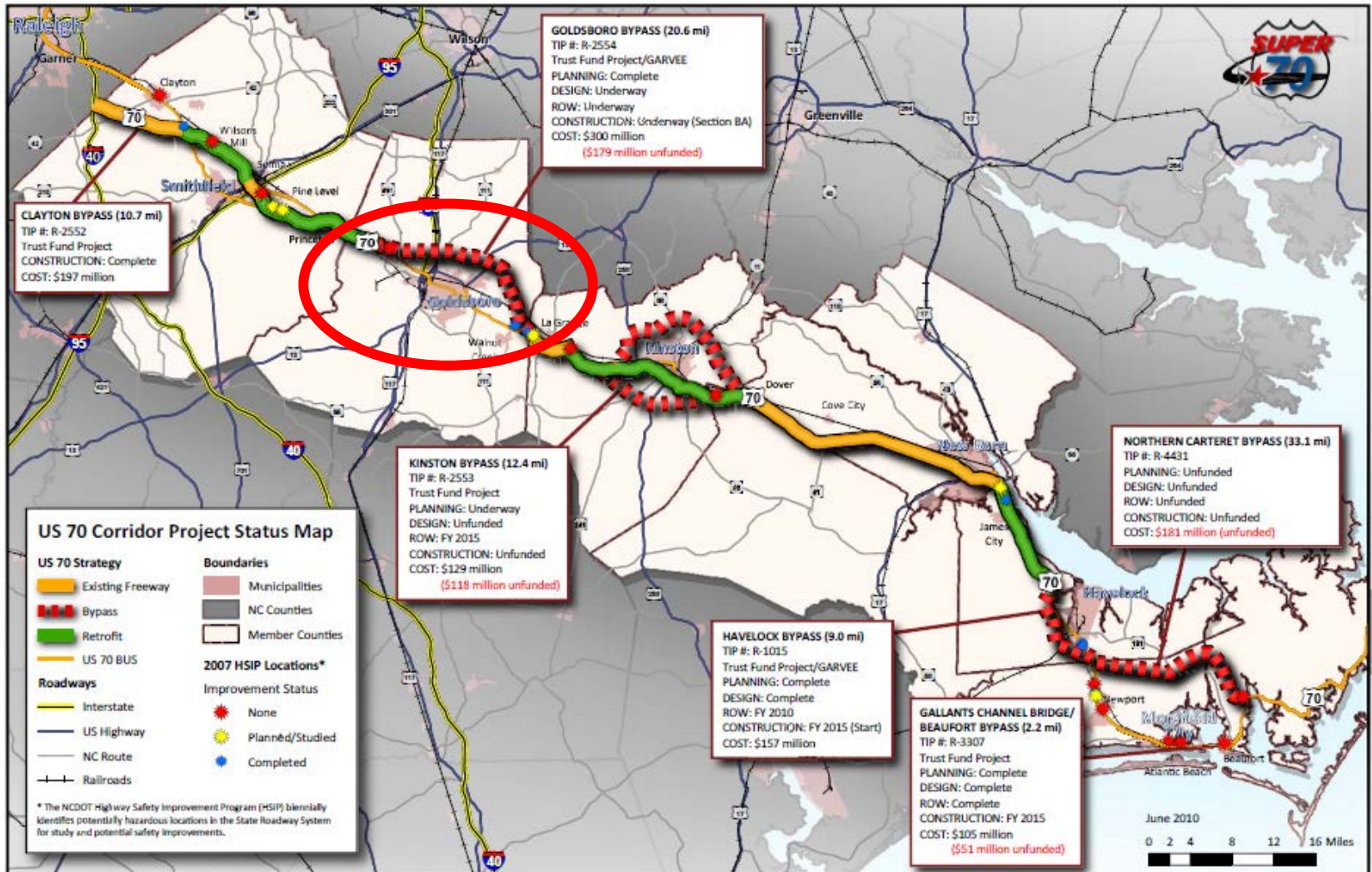
Board of Transportation Highways Committee
May 2016

US 70 Goldsboro Bypass

Tim Little, PE Division 4 Engineer



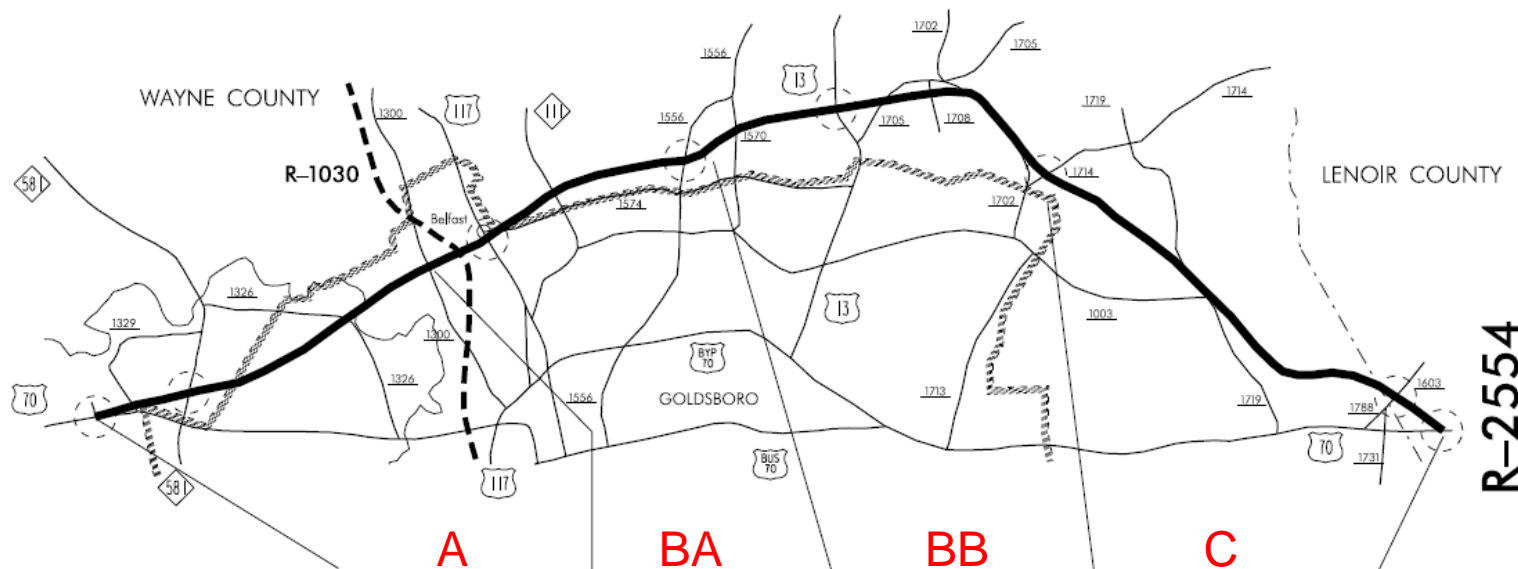
Overall US 70 Corridor Map



Overall Corridor

R-2554 WAYNE – LENOIR COUNTY US 70 – GOLDSBORO BYPASS

PROJECT
BREAKDOWN
MAP



LD. NO. / D.S.R. NO.	LET	COMPLETE	LET	LET
WBS	R-2554 A	R-2554 BA	R-2554 BB	R-2554 C
PROJECT ENGINEER	C. ROUSER	BRUTON	BRUTON	BRUTON
PROJECT DESCRIPTION	WEST OF NC 581 TO SR 1300	SR 1300 TO EAST OF SR 1556	EAST OF SR 1556 TO WEST OF SR 1714	WEST OF SR 1714 TO EAST OF SR 1731 IN LENOIR CO.
COUNTY / DIVISION	WAYNE / DIV. 4	WAYNE / DIV. 4	WAYNE / DIV. 4	WAYNE AND LENOIR / DIV. 4 & 2
LENGTH	5.185 Miles	4.2 Miles	3.3 Miles	7.47 Miles
TYPE OF CONTRACT	TURNKEY	TURNKEY	TURNKEY	TURNKEY
REMARKS				
BEGIN R/W ACQUISITION (T.I.P.)	02-06	11-02	07-11	9-02
BEGIN R/W ACQUISITION (PRODUCTION)				
PROPOSED LETTING (T.I.P.)	06-12	8-08	01-12	01-12
PROPOSED LETTING (PRODUCTION)				
EST. COMP. DATE (T.I.P.)		12-11		
ESTIMATED R/W COST	\$ 9,040,000	\$ 12,190,000	\$ 10,000,000	\$ 5,000,000
ESTIMATED CONSTRUCTION COST	\$ 70,500,000	\$ 61,700,000	\$ 45,000,000	\$ 65,000,000

UPDATED - 03/25/12

Goldsboro Bypass R-2554

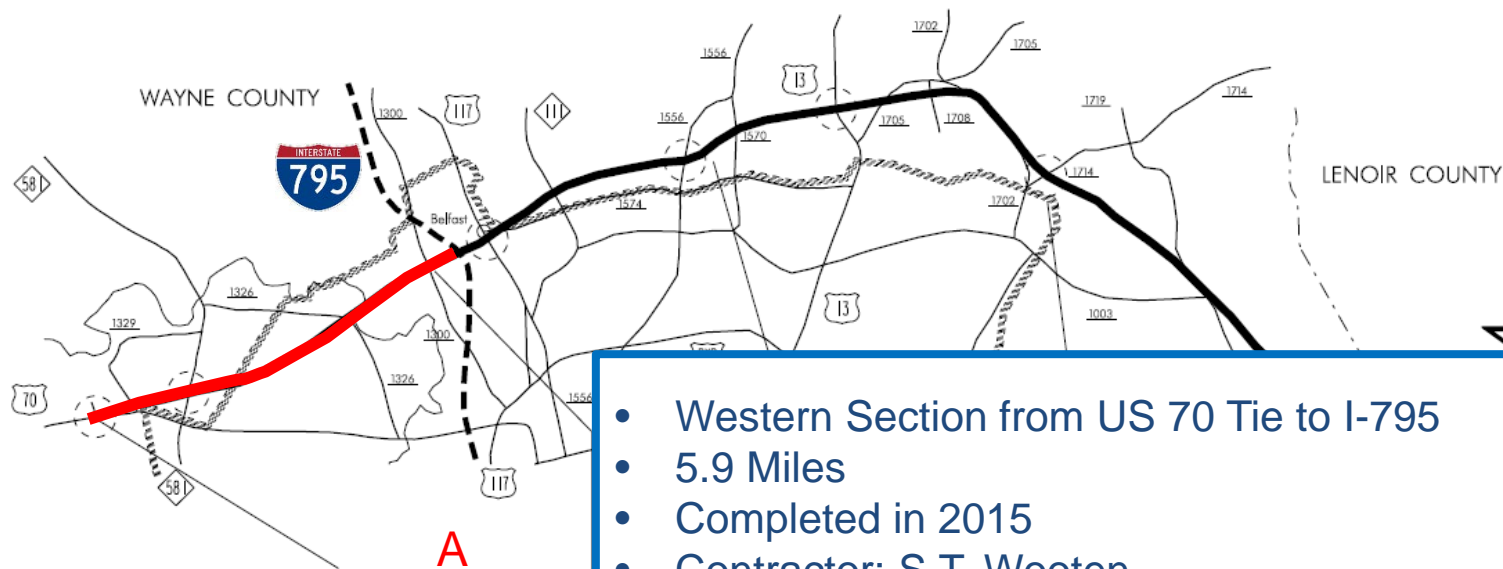
QUICK FACTS

- 22 Mile Interstate Standard Corridor
- Overall Construction Cost: \$232 Million
- 3 Projects
 - 2 Conventional Let, 1 Design Build Project
- Construction began in 2008 with R-2554BA project
- 8 Interchanges
- Provides for improved travel times on US 70
 - Avoids 11 signalized intersections
 - Alleviates congestion created by mix of local traffic and heavy tourist and freight traffic with coastal destinations

R-2554A

R-2554 WAYNE – LENOIR COUNTY US 70 – GOLDSBORO BYPASS

PROJECT
BREAKDOWN
MAP



- Western Section from US 70 Tie to I-795
- 5.9 Miles
- Completed in 2015
- Contractor: S.T. Wooten
- Overall Construction Cost: \$62.4 Million
- 2 Interchanges; 7 Structures
- Highest MSE Walls East of I-95

LD. NO. / D.S.R. NO.	LET
WBS	R-2554 A
PROJECT ENGINEER	C. ROUSER
PROJECT DESCRIPTION	WEST OF NC 581 TO SR 1300
COUNTY / DIVISION	WAYNE / DIV. 4
LENGTH	5.185 Miles
TYPE OF CONTRACT	TURNKEY
REMARKS	
BEGIN R/W ACQUISITION (T.I.P.)	02-06
BEGIN R/W ACQUISITION (PRODUCTION)	
PROPOSED LETTING (T.I.P.)	06-12
PROPOSED LETTING (PRODUCTION)	
EST. COMP. DATE (T.I.P.)	
ESTIMATED R/W COST	\$ 9,040,000
ESTIMATED CONSTRUCTION COST	\$ 70,500,000

12-11	\$ 12,190,000	\$ 10,000,000	\$ 5,000,000
	\$ 61,700,000	\$ 45,000,000	\$ 65,000,000

UPDATED - 03/25/12

R-2554A



R-2554A



R-2554A



R-2554A



R-2554A



R-2554A



R-2554A



R-2554A



R-2554A



R-2554A



R-2554A



R-2554A



R-2554A



R-2554A



R-2554A





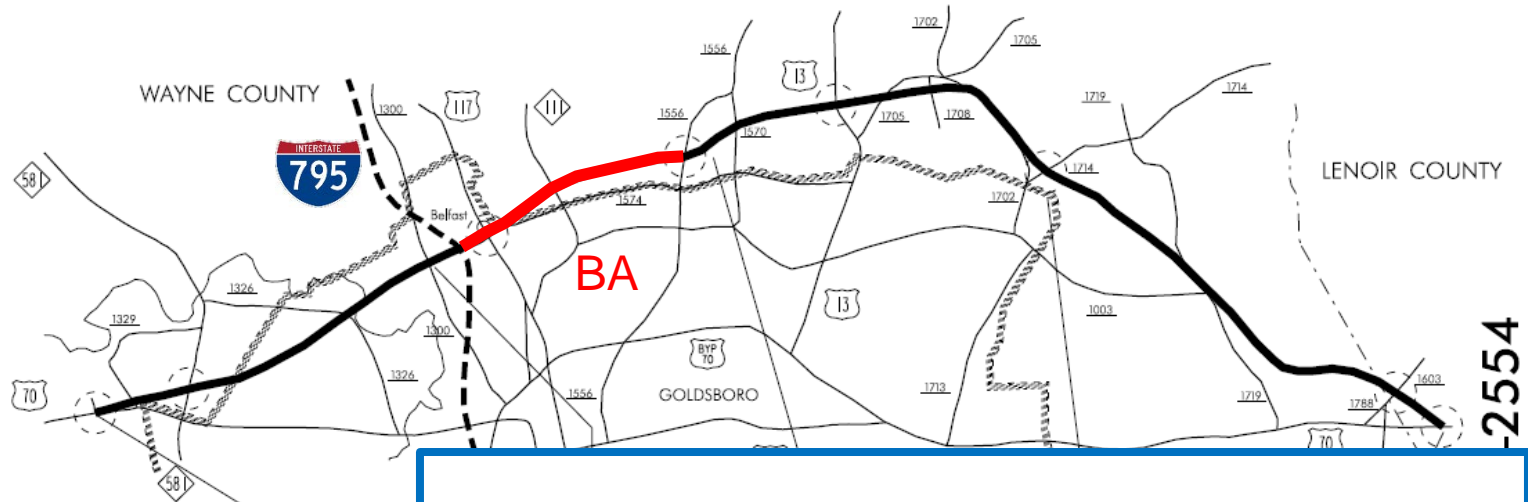
R-2554A



R-2554BA

R-2554 WAYNE – LENOIR COUNTY US 70 – GOLDSBORO BYPASS

PROJECT
BREAKDOWN
MAP



- Central Section from I-795 to Wayne Memorial Drive
- 3.9 Miles
- Completed in 2011
- Contractor: Barnhill Contracting Co.
- Overall Construction Cost: \$65.5 Million
- 3 Interchanges; 16 Structures

LD. NO. / D.S.R. NO.	
WBS	
PROJECT ENGINEER	
PROJECT DESCRIPTION	WEST
COUNTY / DIVISION	
LENGTH	
TYPE OF CONTRACT	
REMARKS	
BEGIN R/W ACQUISITION (T.I.P.)	
BEGIN R/W ACQUISITION (PRODUCTION)	
PROPOSED LETTING (T.I.P.)	
PROPOSED LETTING (PRODUCTION)	
EST. COMP. DATE (T.I.P.)	
ESTIMATED R/W COST	
ESTIMATED CONSTRUCTION COST	

R-2554BA



R-2554BA



R-2554BA



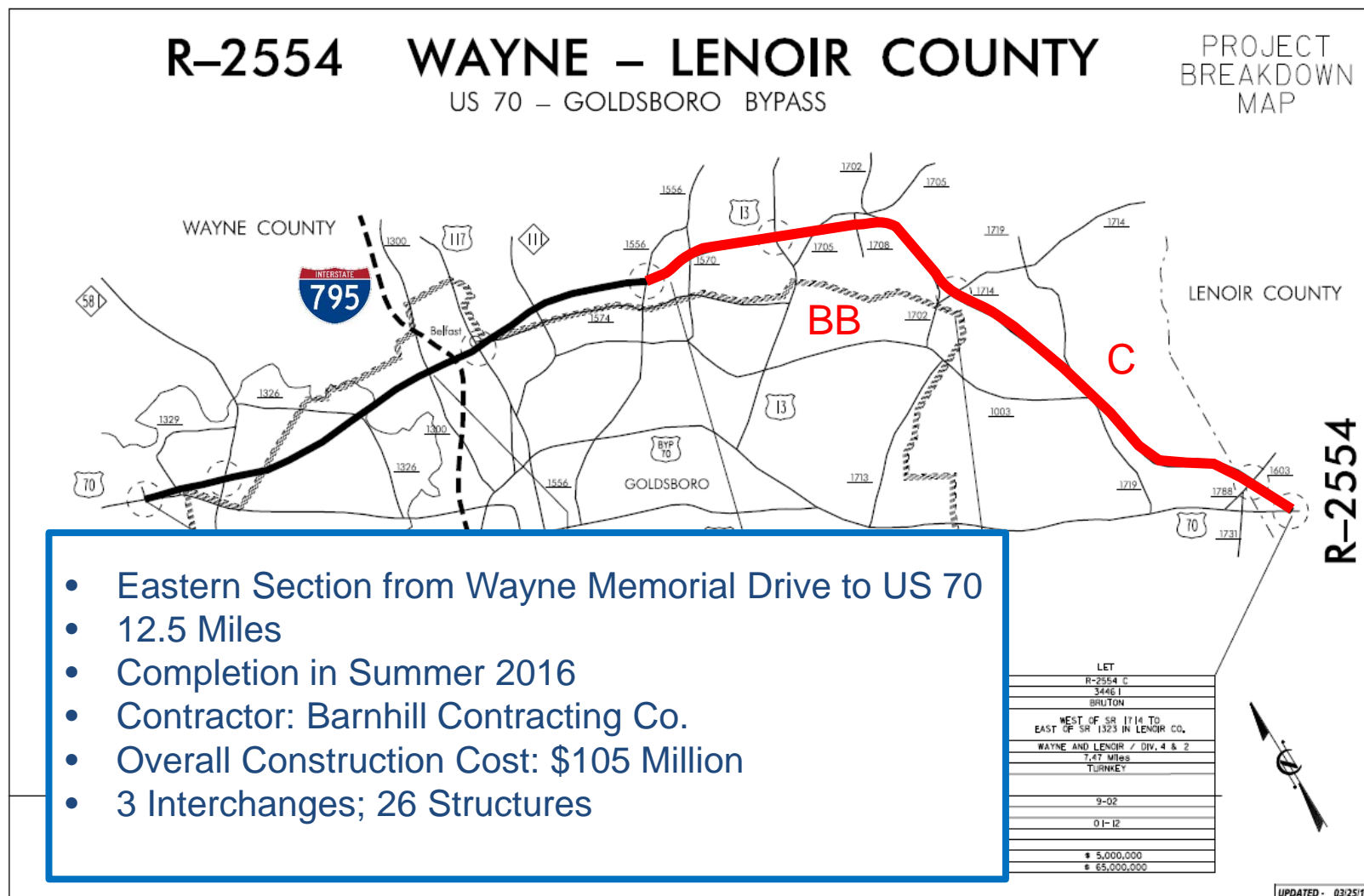
R-2554BA



R-2554BA



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



R-2554BB & C



Questions?





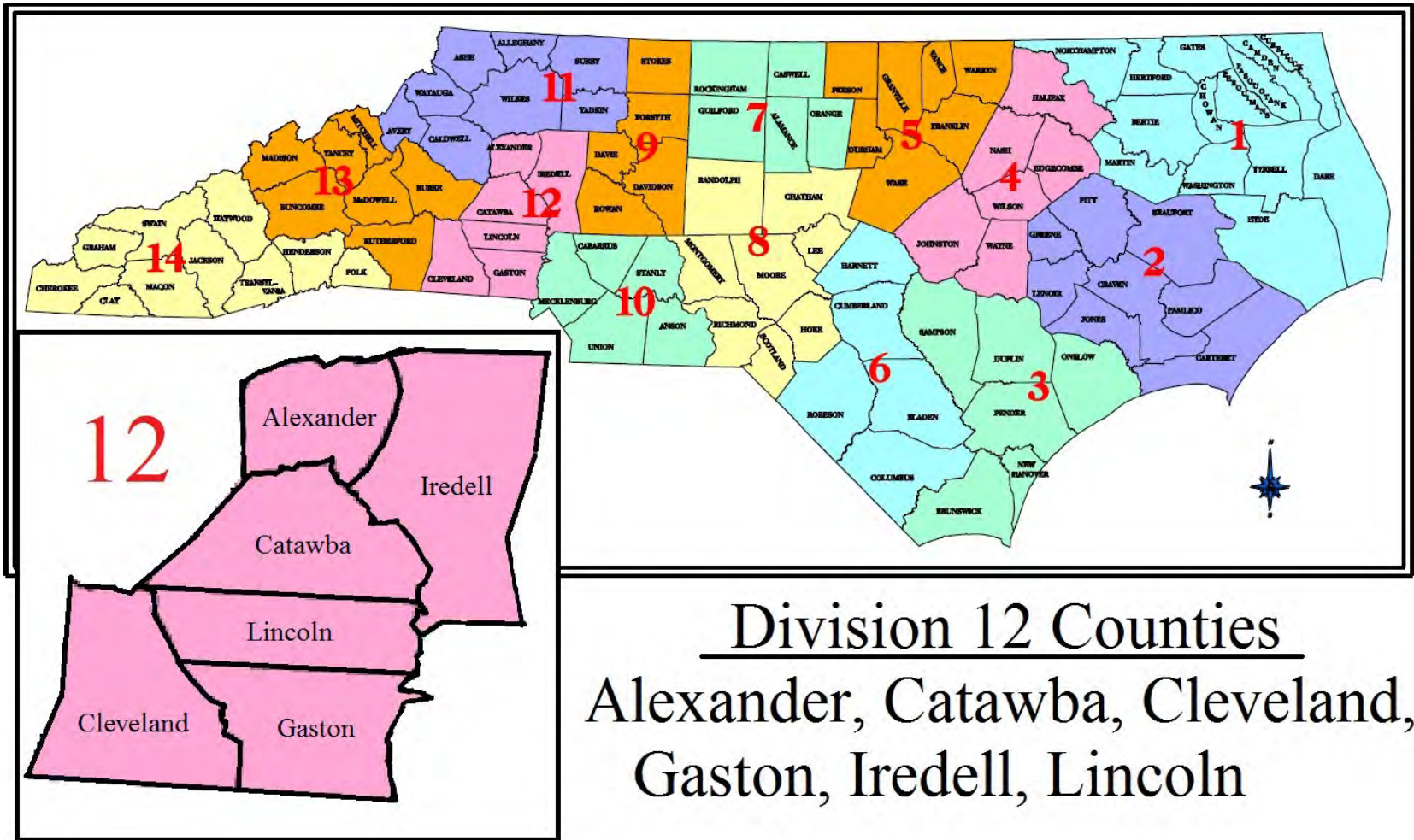
Board of Transportation Highways Committee
May 2016

*I-40/I-77 Interchange Project
Statesville*

Mark Stafford, PE Division 12 Engineer



Division 12



I-3819A

Project Overview

- Very Important Crossroad of North Carolina
- Built and opened in Late 1960's
- Has outlived its service life
- Current configuration does not meet today's design guidelines, i.e. weave distances, size of radiuses
- Original Traffic Projections were 5000vpd, today the traffic on both interstates is about 70,000vpd, this is projected to be about 110,000vpd in 2035



Construction Overview

- Westbound I-40 Collector Distributor
- Widening I-40 from Old Mocksville Rd. to east of NC 115
- Diverging Diamond Interchange at I-40 and US 21
- New bridge on Radio Rd over I-40
- New bridge on I-40 over US 21 and 4th Creek
- New ramp from northbound I-77 to eastbound I-40
- New ramp from northbound I-77 to westbound I-40
- New ramp from westbound I-40 to northbound I-77 and to Collector Dist.
- Reconnection of Gaither Rd.
- Closing existing interchange at US 64
- Noise Walls and Retaining Walls



Project Information

- Contractor: Zachary Construction Corp.
- Construction Cost: \$89,072,360
- Right of Way Cost: \$29,729,799
- Utility Relocation: \$2,014,030
- Total Cost: **\$120,816,189**

- Length of Project: 3.36 miles
- Planning began in 2006
- R/W started in 2009
- Project Let in June of 2012
- Contract Estimate to Date: \$66,103,387
- Contract DBE Goal: 14% Actual DBE%: 21%
- Percent Complete: 74%

- Revised Contract Completion Date: November 17, 2016
- Overall Date with Permanent Vegetation: May 16, 2017



Communications

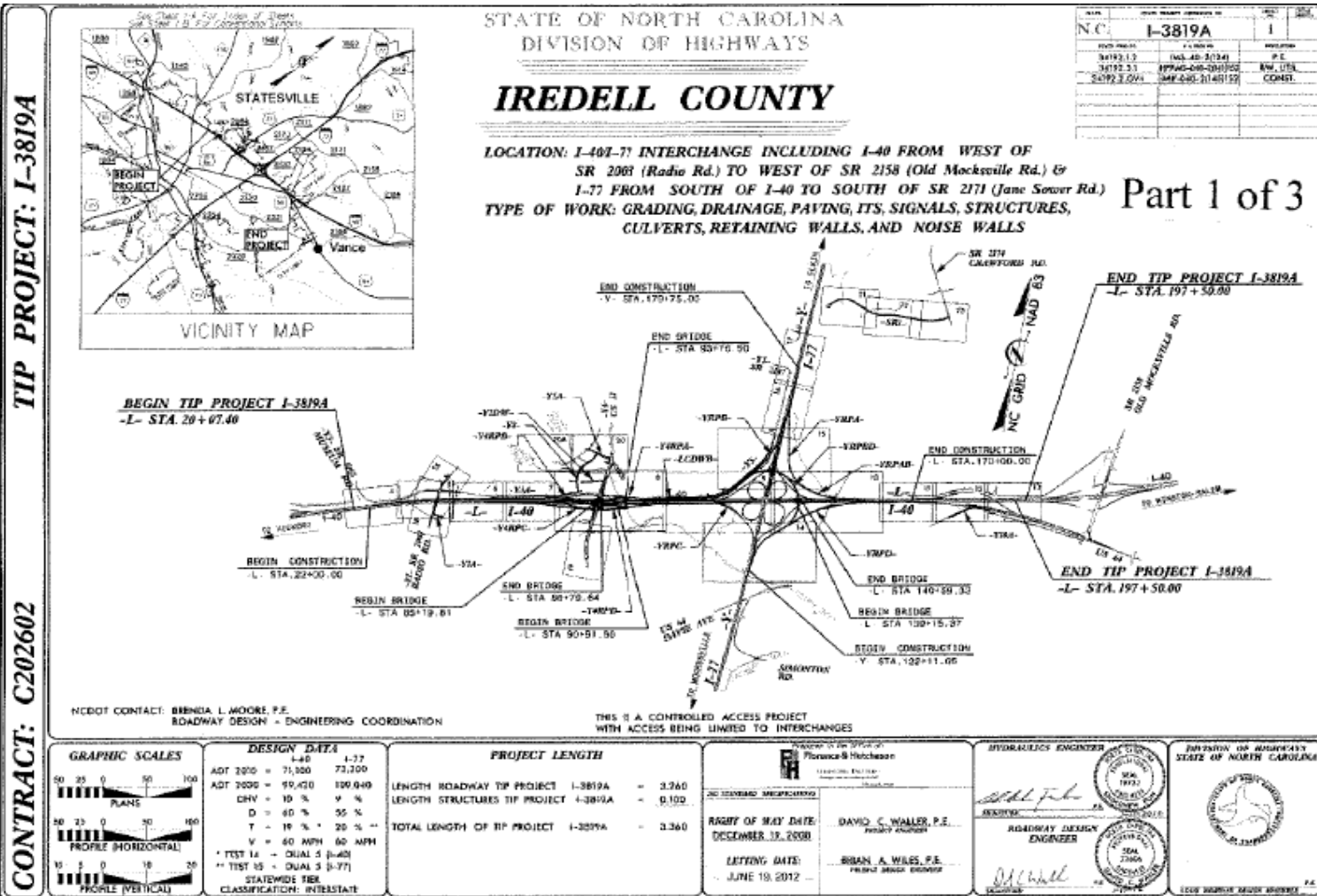
- Public Information Officer assigned to project
- Project Webpage
 - News and Press Releases
 - Lane Closure information
 - Diverging Diamond Interchange Visualization
 - Twitter Updates
 - Contact Information



I-40/I-77 Initial Interchange I-3819A



I-3819A



Radio Rd.



ZACHRY
www.americaaerialphotos.com

I-40 / I-77
STATESVILLE, NC
12-15-15



Gaither Rd

- The two way traffic on the Old I-40 WB ramp closed off
- Gaither accesses US 21 via new Tonewood Rd from just beside the Furniture Store



US 21 at Glenway Rd



I-40 Between US 21 and I-77



ZACHRY
www.americaaerialphotos.com

I-40 / I-77
STATESVILLE, NC
12-15-15



I-40/I-77 Interchange

Dec 2015



I-3819A... US 21 DDI

- DDI is Diverging Diamond Interchange
- Will require traffic to cross over onto opposite side
- Eliminated the need for conflicting left turn movements
- Eases congestion
- Will allow US 21 to flow more freely
- Median Island will prevent left turns out



I-40/US 21

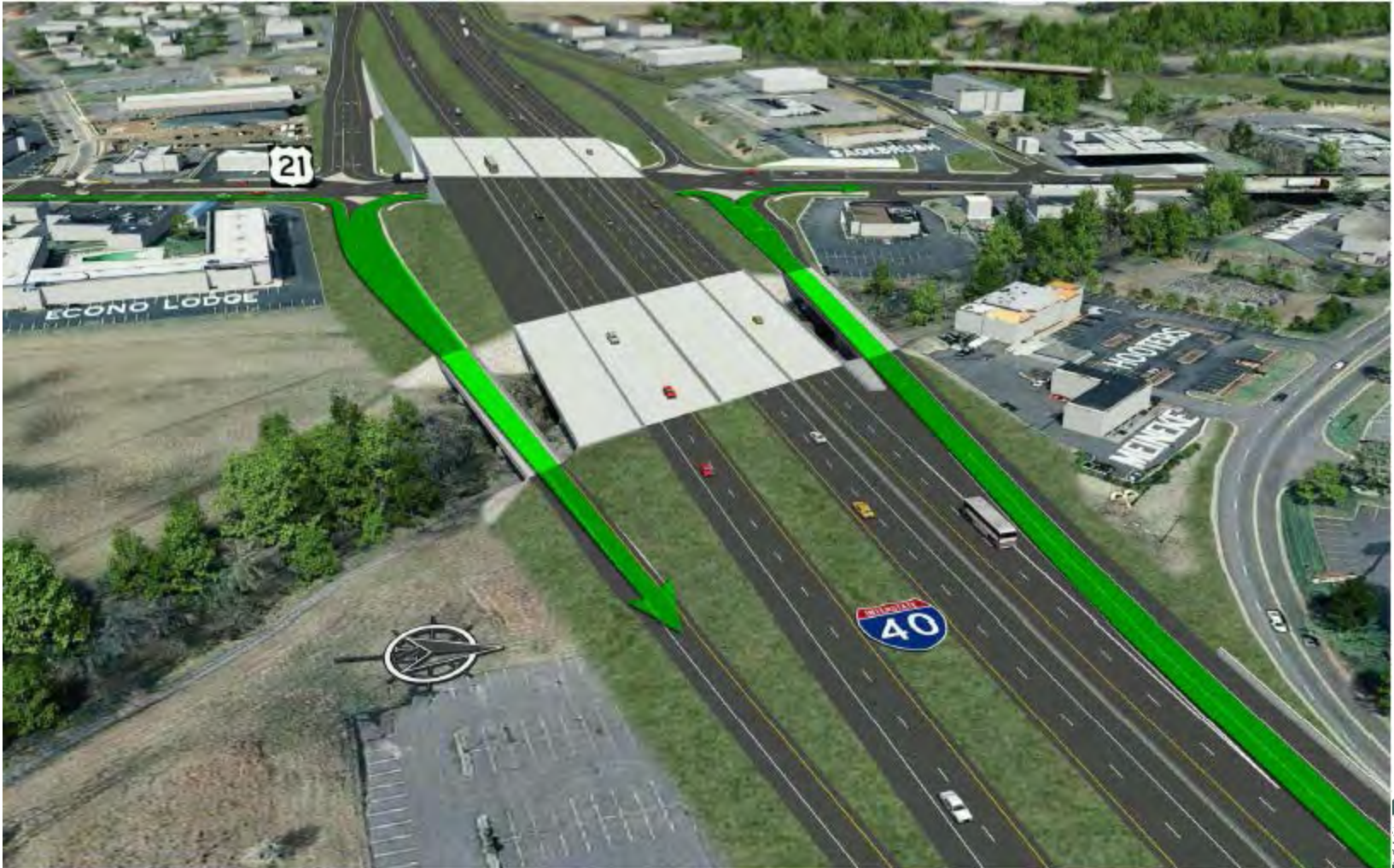
Diverging Diamond Interchange



US 21 Interchange



I-40 at US 21 DDI



Construction



Mainline Construction



Soil Cement Treatment



Concrete Pavement







Concrete Pavement I-40



Soil Nail Wall



Soil Nail Wall with Boulder Design





Noise and Retaining Wall

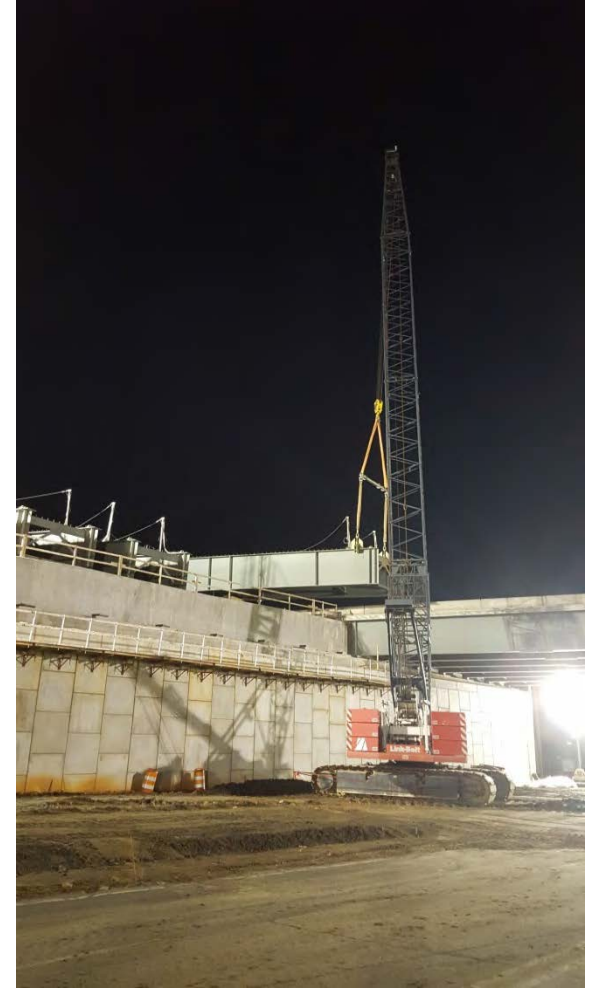
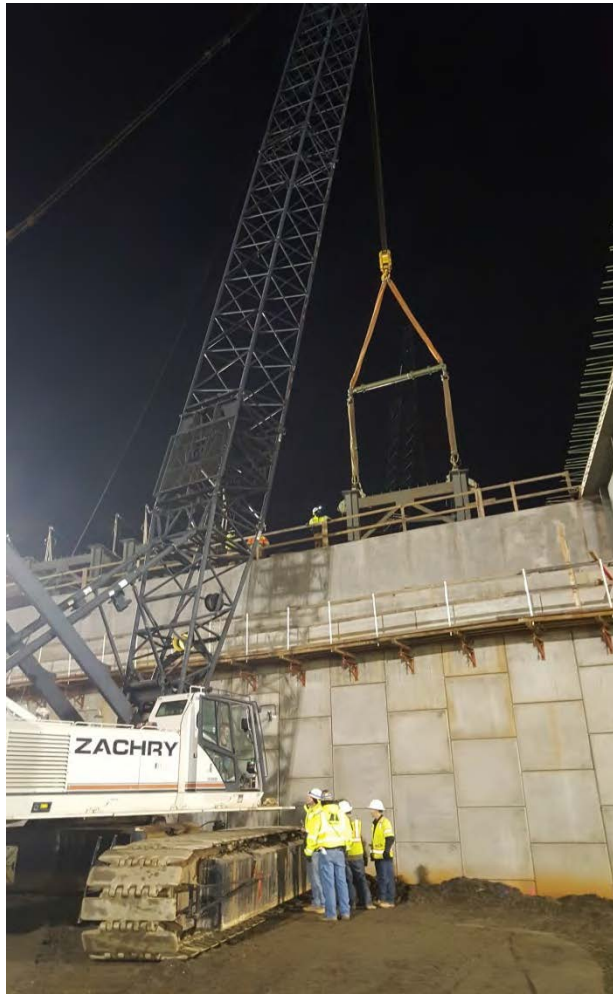




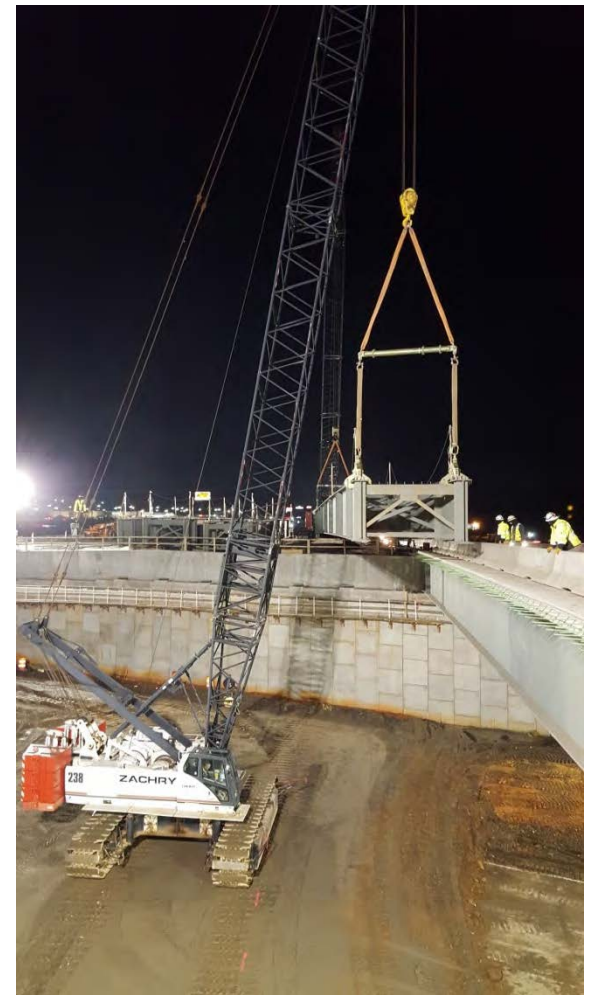
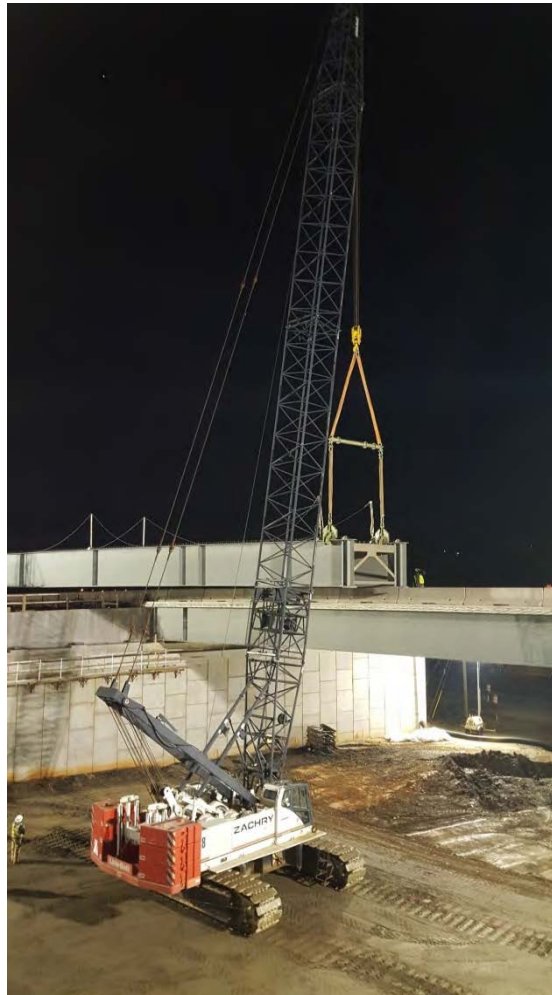
Decorative Noise Walls



I-40 Bridge Construction Over US 21 DDI



US 21 Bridge



US 21 Bridge





Tonewood Rd Curved Girder Bridge



I-3819A Facts

- 10 Structures, 1 Culvert, 16 Walls
- 155,685 SF of Bridge Decks
- 127,875 SF of Noise Wall
- 46,300 SF of MSE Retaining Wall
- 19,300 SF of Soil Nail Walls
- 89,914 SY of concrete pavement
- 193,000 tons of Asphalt
- 806,500 CY of Unclassified Excavation
- US 21 Bridge: 34,558 SF of Bridge Deck
 1,114 CY of Class AA Concrete



I-3819B

Ultimate Configuration



I-3819B

- R/W and Let Date: September 2018
- Design Build Project as of March 2016
- Estimated Cost: \$200,000,000
- Multiple Flyover Structures
- Additional lanes on I-40 and I-77
- New interchange at I-77 and Broad Street
- New bridge on Davie Ave. over I-77
- Noise Walls along I-77



Questions?





MULTIMODAL COMMITTEE MEETING MINUTES

DATE: 4/6/2016 **TIME:** 10:30am **LOCATION:** EIC

MEETING CALLED BY	Andy Perkins
BOARD ATTENDEES	Andy Perkins, Malcolm Fearing, John Lennon, Lou Wetmore, Jeff Sheehan, Sandra Fountain

AGENDA TOPICS

1. MARCH MINUTES APPROVAL – Andy Perkins	
DISCUSSION SUMMARY	Approval of March Minutes.
ACTIONS TAKEN	Motion to approve was made by Malcolm Fearing and seconded by Sandra Fountain. Motion was approved.

2. FUNDING ITEMS – I-1, I-1A, I-1B, I-2	
DISCUSSION SUMMARY	Funding Items for Public Transit and Rail were presented and approved.
ACTIONS TAKEN	Motion to approve Public Transit funding items was made by Lou Wetmore and seconded by Sandra Fountain. Motion to approve Rail funding items was made by Lou Wetmore and seconded by Malcolm Fearing.

3. TRANSIT UPDATE – KEITH WEATHERLY	
DISCUSSION SUMMARY	Mr. Weatherly discussed the return of the Legislature for the short session on 4/25/16. There is a possibility of a Ferry funding bill being considered but its fate is uncertain. Jeff Sheehan would like to see the Light Rail cap lifted.
ACTIONS TAKEN	Informational

MULTIMODAL COMMITTEE MEETING MINUTES

4. FERRY UPDATE & PRESENTATION ON FACILITY CONSTRUCTION PROJECTS – ED GOODWIN

DISCUSSION SUMMARY	Mr. Goodwin invited all to the christening of the new dredge on 4/28/16. Malcom Fearing commented on what a great project this has been to replace an aging vessel and adding local jobs.
ACTIONS TAKEN	Informational

5. PUBLIC TRANSPORTATION DIVISION – DEBBIE COLLINS

DISCUSSION SUMMARY	Ms. Collins reported that they have two research projects 1) Demo model ECO at NC State, 2) Cameras on peri-transit vehicles to count passengers. The Unit has 6 yellow belt Six Sigma participants. They are all taking Excel classes
ACTIONS TAKEN	Informational

6. AVIATION DIVISION – BOBBY WALSTON

DISCUSSION SUMMARY	Mr. Walston reported that they have had the kick off for AIR TAP. They are working on training for procurement of professional services with OIG support. There is a conference in Wilmington 4/18 & 4/19 Secretary Tennyson and John Lennon will be speaking. There will be 300 airport vendors in attendance. The Governor's task force is winding down and the report is being released. The UAS website is being worked on and they have currently issued 125+ commercial and public permits. FAA will have regulations published June/July of this year. They are working on training and incorporation of their online grant system.
ACTIONS TAKEN	Informational

MULTIMODAL COMMITTEE MEETING MINUTES

7. RAIL DIVISION - PAUL WORLEY

DISCUSSION SUMMARY	Mr. Worley reported on the Rail Division's participation at a conference on tourism in Cherokee, NC, and provided an update on the Raleigh Union Station progress. Progress in Motion conference in Raleigh 4/18-4/19. Mr. Worley is confident that the PIP commitments will be met by the deadline. Discussion on the intermodal HUB is being evaluated and will be put through the scoring process.
ACTIONS TAKEN	Informational

8. BIKE & PEDESTRIAN UPDATE – LAUREN BLACKBURN

DISCUSSION SUMMARY	Ms. Blackburn discussed the Safety Campaign which involves 20 communities with police training in June and expected enforcement to begin in Sept/Oct. Comments were made on the cancellation of the mass bicycle ride in support of recent bike accident victims due to safety concerns.
ACTIONS TAKEN	Informational

9. RAILWAY ASSOCIATION OF NC SPECIAL REPORT “BUILDING NORTH CAROLINA” – GARLAND HORTON

DISCUSSION SUMMARY	Paul Worley introduced Mr. Horton President of Aberdeen & Rockfish Railroad, who then presented a special report on his short line railroad and the many different ways our state is impacted by and benefits from our rail system.
ACTIONS TAKEN	Informational



MULTIMODAL COMMITTEE MEETING MINUTES



MULTIMODAL COMMITTEE AGENDA

(UPDATED 4/29/2016)

BOARD OF TRANSPORTATION MAY 4, 2016

TIME: 10:30am

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order	Chairman Perkins	10:30am
Approval of Minutes	Chairman Perkins	10:30am-10:35am
Funding Items (PTD, Rail)	Transit Directors	10:35am-10:50am
Transit Update	Keith Weatherly	10:50am-11:00am
Public Transportation Update	Debbie Collins	11:00am-11:10am
Aviation Update <ul style="list-style-type: none">Governor's Aviation Task Force ReportSmall Community Air Service Development Program (SCASDP) Grant Update (Pitt-Greenville Airport)	Bobby Walston	11:10am-11:30am
Rail Update	Paul Worley	11:30am-11:40am
Bike & Pedestrian Update	Lauren Blackburn	11:40am-11:50am
Ferry Update	Ed Goodwin	11:50am-Noon
Adjourn	Chairman Perkins	Noon



NCDOT BOT Multi-Modal Committee
May 4, 2016

Division of Aviation Update

Bobby Walston, Director



News, Information, and Resources

NC Airport Association Conference in Wilmington



FIRST FLIGHT
NCDOT Division of Aviation Newsletter


NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

Spring 2016


Working Group met in the Board Room at GSO.


Todd Meyer addresses the group.

NC Airports Working Group Meets in Greensboro
The North Carolina Airports Working Group met on Thursday, March 31, at the Greensboro Piedmont-Triad International Airport. Division of Aviation Director Bobby Walston and staff led airport and consultant representatives through a full agenda including updates on initiatives and gathering input on items such as project sched-
Aviation Development Task Force was actively meeting and discussing some of the same Division processes that the Working Group had identified," said Walston. "We brought recommendations from the Task Force, along with improvements we made during the break back to the Working Group in January in order to continue to lean

Aviation Newsletter
Spring Issue is here!



2016 Economic Impact Study

Economic
Impact
of Airports in
North Carolina



2016



**Institute for
Transportation
Research and
Education**

909 Capability Drive, Suite
3600
Research Building IV
Raleigh, North Carolina
27606



Big Impact Results!

NC Airports



Aerospace Manufacturing Industry



Impact Numbers

	Jobs	Economic Contribution per Year	Income Contribution per Year	State and Local Taxes per Year
General Aviation	23,610	\$ 4.04 Billion	\$0.96 Billion	\$123 Million
Commercial	99,810	\$27.14 Billion	\$3.21 Billion	\$790 Million
TOTAL	123,420	\$31.18 Billion	\$4.17 Billion	\$913 Million



Study Methodology

General airport methodology:

- Based on survey responses from businesses
- No extrapolation based on non-responses
- Individual economic models built for each airport

Commercial airport methodology:

- FAA methodology using expenditures related to the airport and air carriers
- Alternatively could use the GA methodology by assisting project team with survey collection

Based aircraft property tax methodology:

- Data collected from local tax offices for 42 airports
- Remainder used estimated aircraft values



Study Results Brochure

Economic Impact of Airports in North Carolina

2016


\$31 Billion
Annual Impact


123,400
Aviation Related Jobs


\$913 Million
Direct Government Revenue

Airports' Impact on North Carolina's Economy

North Carolina is served by a robust network of airports.

Airports are a critical part of North Carolina's transportation system, linking our state to the global economy and generating economic activity, commerce, and tourism. Seventy-two publicly owned airports in N.C. are supported annually with funds from the state for infrastructure and development projects. This report shows how these airports are significant economic engines in our state and contribute:

- \$31 billion annual economic impact
- 123,400 airport-related jobs
- \$913 million in direct government revenue

North Carolina aviation serves everyone in our state. The economic reach of airports extends far beyond pilots and operators by supporting:

- Time-sensitive, high-value cargo and freight transport
- People, both for business and pleasure travel
- Fire fighting and medical emergency
- Search and rescue
- Military
- Agriculture
- Aerospace industry
- Tourism

ECONOMIC IMPACT

3

MILITARY SUPPORT

UNMANNED AIRCRAFT

STATE SUPPORT

DATA BY AIRPORT

2

How Do Airports
Contribute to the Economy?

DIRECT = Airport Jobs



INDIRECT = Airport Suppliers



INDUCED = Salary Spending



North Carolina airports contribute to the state's economy primarily through three impact categories:

DIRECT impacts result from firms that are directly engaged in the movement of people or goods through an airport, such as airline employees and rental car companies.

INDIRECT impacts result from spending by airport-related firms on products and services provided by support businesses, such as office supply companies, property maintenance, and other organizations.

INDUCED impacts result from payroll expenditures by employees of directly and indirectly related firms that produce successive spending, such as purchasing a new car, computer, or high-definition television.

LEGEND

- General Aviation 62
- Commercial Aviation 10
- Interstate Highways

The impacts generated from each airport are tabulated by group on pages 14 and 15.

The 72 North Carolina public use airports consist of 10 commercial air carrier airports and 62 general aviation airports providing vital and considerable economic impacts. Continued investment in aviation is making North Carolina a leader in the aerospace industry and aviation-driven commerce.

"Airports mean jobs—on the airport, supporting the airport, and supporting the businesses that utilize and rely on them."

—Robby Walston, Director
NCDOT Division of Aviation

5



Individual Airport Results

Macon County (1A5) Macon County

Economic Contribution of North Carolina Airports – 2016 Study

5,700 Annual Aircraft Operations 22 Based Aircraft

DIRECT

Direct impacts result from economic activities that result from tenants and other business users who have a direct involvement with the airport.

INDIRECT

Indirect impacts result from economic activities that typically take place away from the airport, but are still attributable to the airport.

INDUCED

Induced impacts result from successive spending and are the multiplier effects of the direct and indirect impacts.

TOTAL

Generation of state and local taxes from tenants and businesses using the airport:

\$136,000
Business Sales Tax

\$96,000
Local Property Tax



Asheville Regional (AVL) Buncombe County

Economic Contribution of North Carolina Airports – 2016 Study

68,900 Annual Aircraft Operations 174 Based Aircraft

DIRECT

Direct impacts result from economic activities that result from tenants and other business users who have a direct involvement with the airport.

INDIRECT

Indirect impacts result from economic activities that typically take place away from the airport, but are still attributable to the airport.

INDUCED

Induced impacts result from successive spending and are the multiplier effects of the direct and indirect impacts.

TOTAL

	Jobs	Annual Payroll Income	Output
DIRECT	750	\$22,160,000	\$116,170,000
INDIRECT	610	\$9,830,000	\$245,220,000
INDUCED	320	\$7,120,000	\$194,270,000
TOTAL	1,680	\$39,110,000	\$555,660,000

Generation of state and local taxes from tenants and businesses using the airport:

\$5,033,000
Business Sales Tax

\$3,539,000
Local Property Tax

\$793,000
State Corporate &
Personal Tax

\$243,600
Property Tax on
Based Aircraft



Tenants/Users Surveyed: 111
Tenant/User Surveys Completed: 60

Burlington-Alamance Regional (BUY) Alamance County

Economic Contribution of North Carolina Airports – 2016 Study

76,000 Annual Aircraft Operations 122 Based Aircraft

DIRECT

Direct impacts result from economic activities that result from tenants and other business users who have a direct involvement with the airport.

INDIRECT

Indirect impacts result from economic activities that typically take place away from the airport, but are still attributable to the airport.

INDUCED

Induced impacts result from successive spending and are the multiplier effects of the direct and indirect impacts.

TOTAL

	Jobs	Annual Payroll Income	Output
DIRECT	330	\$20,360,000	\$64,640,000
INDIRECT	270	\$7,230,000	\$29,010,000
INDUCED	120	\$4,910,000	\$20,710,000
TOTAL	720	\$32,500,000	\$114,360,000

Generation of state and local taxes from tenants and businesses using the airport:

\$1,356,000
Business Sales Tax

\$959,000
Local Property Tax

\$661,000
State Corporate &
Personal Tax

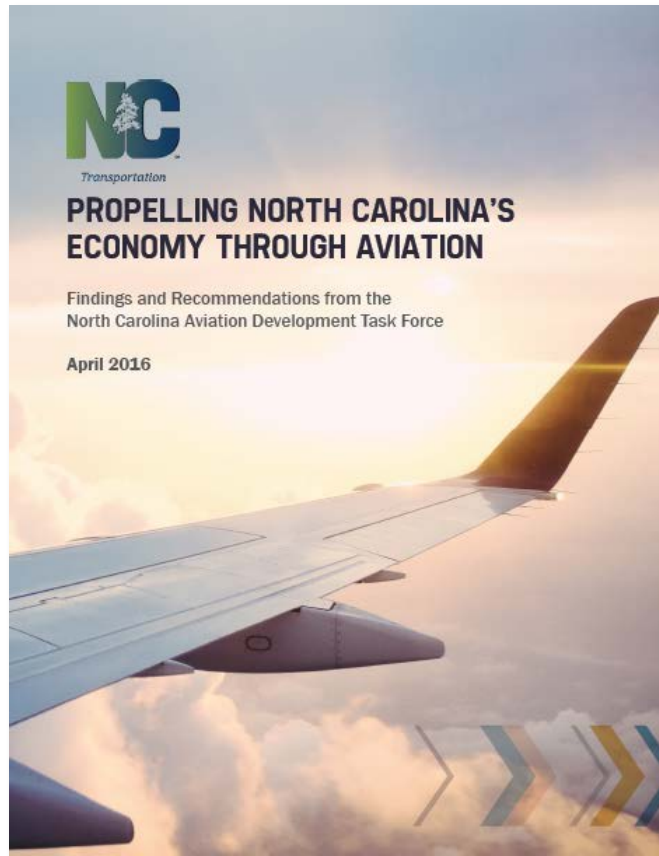
\$124,000
Property Tax on
Based Aircraft



Tenants/Users Surveyed: 25
Tenant/User Surveys Completed: 14



Governor's NC Aviation Development Task Force





State of North Carolina

PAT McCrory
GOVERNOR

May 19, 2014

EXECUTIVE ORDER NO. 54

AVIATION DEVELOPMENT TASK FORCE

WHEREAS, the aviation industry, both commercial and general, is directly responsible for over 100,000 jobs in North Carolina and the continued promotion and development of the industry is critical to both maintaining and growing the related employment base; and

WHEREAS, the annual impact of the aviation industry in North Carolina exceeds \$25 billion dollars annually; and

WHEREAS, the vast majority of the airports in North Carolina are locally owned and governed and the direct tax revenue generated by those airports exceeds \$770 million annually. These tax dollars go to the respective counties in which the airports are located; and

WHEREAS, the North Carolina Department of Transportation, Division of Aviation ("DOA") is charged with the oversight of grant money and development of publicly owned airports in the State that are eligible for funding, management of both State and Federal aviation related grants, and the operation of the State owned fleet; and

WHEREAS, the General Assembly enacted the Strategic Transportation Investments bill (HB817) on June 26, 2013 in order to more effectively allocate Department of Transportation capital expenditures, based on State, regional and divisional needs. This legislation combined the process for prioritization for airport projects along with other non-highway modes of transportation; and

WHEREAS, the oversight, promotion of, funding for and development of airports in our State is critical to the continued employment growth and fostering of both our local and Statewide economies.

NOW, THEREFORE, pursuant to the authority vested in me as Governor by the Constitution and laws of the State of North Carolina, IT IS ORDERED.

Section 1. Establishment

The North Carolina Aviation Development Task Force is hereby established (hereinafter "Task Force").

Section 2. Membership

The Task Force shall consist of thirteen (13) members. Members shall be persons experienced in the aviation industry or those industries reliant upon aviation and represent geographically diverse areas of the State. Membership of the Task Force shall include a current member of the North Carolina Board of Transportation and the Secretary of Transportation or his/her designee. All positions shall be appointed by the Governor and shall serve at the pleasure of the Governor. The Governor shall appoint the Chair and Vice Chair of the Task Force who shall likewise serve at the pleasure of the Governor.

Section 3. Meetings

The Task Force shall meet as necessary to properly exercise its functions, but no less frequently than quarterly, or upon the call of the Governor or the Chair.

Section 4. Duties

The Task Force shall, by May 1, 2015, submit a comprehensive report and recommendations to the Secretary of Transportation for the enhancement of the State's Aviation programs. The report shall include, but not be limited to, the following:

1. Review and study of the current programs, published policies and standard operating procedures within the Division of Aviation.
2. Review and study of how revisions to the Division of Aviation's existing programs and policies can enhance its role as an advocate for aviation and publicly owned airports throughout the State.
3. Review of new or alternative funding sources for the Division of Aviation.
4. Recommendations for improving efficiencies within the Division so as to ensure the highest level of customer service.
5. Recommendations on how the Division of Aviation can provide additional assistance to cities, towns, counties and other governmental subdivisions for the enhancement and operation of airports, landing fields and other aviation facilities.
6. Strategies for maximizing the economic impact of publicly owned airports in their respective communities and across the State.
7. Strategies to recruit more aerospace manufacturing in North Carolina.
8. Strategies for the promotion of military aviation and collaboration with existing military in North Carolina.
9. Recommendations on how to recruit retired military personnel to remain in North Carolina to become a part of the aerospace manufacturing industry.
10. Any other duties as assigned by the Governor or the Secretary of Transportation.

Section 5. Administration

The Division of Aviation shall provide administrative and staff support services, including meeting space, as may be required. Members of the Task Force shall serve without compensation, but may receive reimbursement for travel in accordance with State law and the policies and regulations of the Office of State Budget and Management.


Section 6. Effect and Duration

This Executive Order is effective immediately and shall remain in effect until July 1, 2015, pursuant to N.C. Gen. Stat. § 147-16.2(b).

IN WITNESS WHEREOF, I have hereunto signed my name and affixed the Great Seal of the State of North Carolina at the Capitol in the City of Raleigh, this nineteenth day of May, in the year of our Lord two thousand fourteen, and of the Independence of the United States of America the two hundred and thirty-eight.


Pat McCrory
Governor

ATTEST:


Elaine F. Marshall
Secretary of State



Executive Order 54 *May 19, 2014*

- Established the Aviation Development Task Force
- Called for 13 appointed members
- Called for at least quarterly meetings to be supported by Division of Aviation staff
- States duties of Task Force and deliverables deadline of May 1, 2015

Executive Order 63 *August 18, 2014*

- Increased Task Force up to 21 members
- Extended establishment until December 31, 2015



NC Aviation Development Task Force

The governor directed the Task Force to submit a comprehensive report and recommendations to the secretary of transportation for the enhancement of the state's aviation programs.



NC Aviation Development Task Force Members



John Lennon, Chair

- **Jim Bailey** (Carteret County)
- **Kevin Baker** (Guilford County)
- **Russell Barringer Jr.** (Durham County)
- **Steve Bright** (New Hanover County)
- **Dan Danieley** (Alamance County)
- **Larry Ford** (Clay County)
- **Robin Hayes** (Cabarrus County)
- **James Kalbach** (Chowan County)
- **Michael Landguth, A.A.E.** (Wake County)
- **John Lennon, Chair** (New Hanover County)
- **Gary Lowder** (Stanly County)
- **Leonard Martin** (Forsyth County)
- **Louis Ridley Jr.** (Mecklenburg County)
- **W. Ashley Smith Jr.** (Lenoir County)
- **John Taws, Vice Chair** (Moore County)
- **Kenneth Walker** (Mecklenburg County)
- **Bobby Walston** (Wake County),
- **Bill Whiteheart** (Forsyth County)
- **Julie Wilsey** (Brunswick County)



Aviation Development Task Force

Four Focus Areas

1. Support for and strategies to maximize the economic impact of North Carolina's publicly owned airports



2. Strategies to increase attraction of aerospace industry to North Carolina



Aviation Development Task Force

Four Focus Areas

3. A review of Division of Aviation for opportunities to improve programs and policies, streamline procedures, tap new funding sources

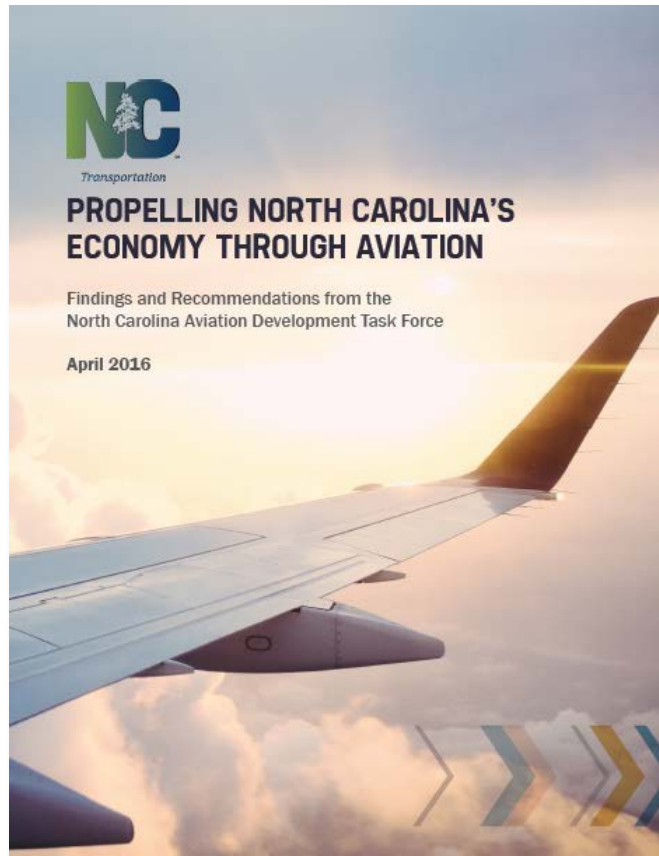


4. How to best resource military presence to promote aviation and retired military to enhance aerospace workforce



NC Aviation Development Task Force

Final Report



**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
FERRY DIVISION MONTHLY UPDATE REPORT FOR MARCH 2016**

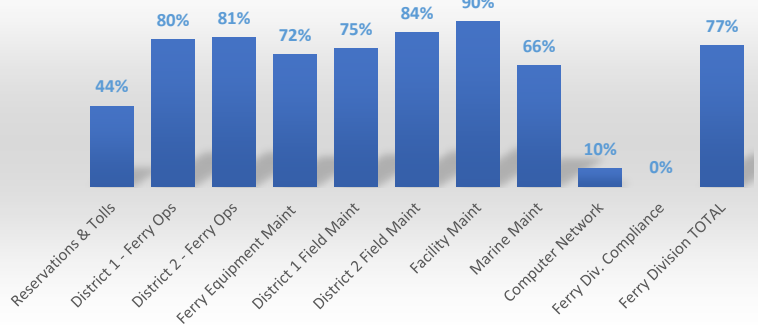
Ridership (Vehicles)

Ferry Routes	CY16 MARCH	CY15 MARCH	DELTA	CY16 YTD	CY15 YTD	DELTA
Currituck - Knotts Island	1,529	1,137	34.5%	14,289	12,152	17.6%
Hatteras - South Dock	14,152	9,751	45.1%	171,526	171,519	0.0%
Swan Quarter - Ocracoke	1,998	1,643	21.6%	23,051	21,351	8.0%
Cedar Island - Ocracoke	2,897	2,035	42.4%	31,401	32,973	-4.8%
Aurora - Bayview	4,246	4,574	-7.2%	36,959	44,213	-16.4%
Cherry Branch - Minnesott	16,700	15,824	5.5%	140,422	144,522	-2.8%
South Port - Fort Fisher	17,551	12,557	39.8%	141,238	132,096	6.9%
Emergency Ferry Rt.	N/A	N/A	N/A	N/A	N/A	N/A
Monthly Total	59,073	47,521	24.3%	558,886	558,826	0.0%

Budget (Operations & Maintenance)

Departments	FY2016 Spending Plan	FY Expenditures through MAR 2016
Reservations & Tolls	\$ 342,607.11	\$ 150,002.76
District 1 - Ferry Ops	\$ 10,525,000.00	\$ 8,446,197.89
District 2 - Ferry Ops	\$ 8,350,000.00	\$ 6,773,072.97
Ferry Equipment Maint	\$ 13,536,331.00	\$ 9,696,995.74
District 1 Field Maint	\$ 600,000.00	\$ 450,210.01
District 2 Field Maint	\$ 650,000.00	\$ 543,463.23
Facility Maint	\$ 400,000.00	\$ 359,086.41
Marine Maint	\$ 1,000,000.00	\$ 658,837.77
Computer Network	\$ 2,500.00	\$ 241.80
Ferry Div. Compliance	\$ 1,450,000.00	\$ 1,206,123.86
Ferry Division TOTAL	\$ 36,856,438.11	\$ 28,284,232.44

Percent of Planned Budget Spent



Status of Capital Reserves Funds

Routes	WBS	Balance in WBS as of March FY16
FER Shipyard Capital Reserve	16SP.43	\$ 1,641,878.39
FER Sys Cptl All Routes	16SP.501.1	\$ 342,072.44
FER D1 Currituck-Knotts Island Cap Reserve	16SP.511.1	\$ 22,669.22
FER D1 Hatteras Inlet Cap Reserve	16SP.512.1	\$ 195,009.06
FER D1 Swan Quarter - Ocracoke Island Cap Reserve	16SP.513.1	\$ 1,077,281.44
FER D1 Ocracoke Island of OI-Cedar Island Cap Reserve	16SP.514.1	\$ 1,022,248.88
FER D2 Pamlico River Route Cap Reserve	16SP.521.1	\$ 26,434.56
FER D2 Cherry Branch - Minnesott Beach Cap Reserve	16SP.522.1	\$ 127,708.89
FER D2 Cedar Island of OI - Cedar Island Cap Reserve	16SP.523.1	\$ 1,022,215.99
FER D2 South Port - Fort Fisher Cap Reserve	16SP.531.1	\$ 2,186,330.53
Total		\$ 7,663,849.40

Updates or Comments

- 1) Ferry Sponsorship Proposal received from The Superlative Group of Houston TX. Proposal review scheduled 4/13/16.
- 2) Dredge "Manteo" christening ceremony scheduled for April 28th. Governor McCrory will be the keynote speaker
- 3) The OPS building replacement projects are as follows. Currituck 60% complete, Swan Quarter 60% complete and Cherry Branch 10% complete.
- 4) Summer schedule to begin in Hatteras/Ocracoke May 3rd, Swan Quarter/Ocracoke and Cedar Island/Ocracoke May 24th.





Public Transportation Division



Ford Transit Vehicles Arriving

The Public Transportation Division conducts the procurement process for the NC transit systems to purchase vehicles off of the state contract. This year, we have had to redo two bids due to contract issues – the high top van was no longer manufactured and Champion Bus pulled out of the state contract.

The Ford Transit vehicle replaces the high top van and in March the first vehicle was delivered. A new bid is also underway for the Light Transit Vehicles (LTVs).

Funding Plan Complete

The Public Transportation Division staff is meeting with the transit systems and Metropolitan Planning Organizations (MPOs) – both large and small – to discuss and begin to prepare individual five-year budgets that will include vehicle and other capital needs. This is a major initiative and will require everyone to be open to new ideas and ways of doing business. The plan supports all 100 counties and will continue to look at ways to coordinate and deliver services that are more efficient.

The plans can be found on the [website](http://ncdot.gov/nctransit) under featured documents.





PTD Activities Underway

April Training:

- Staff Budget Training
- Lean Six Sigma – Yellow Belt
- Excel
- Legacy Leadership

Meetings Attended:

- No Boundaries Conference in Southwest N.C.
- Transit Advisory Board meetings
- DHHS Transportation NEMT
- TRB Conference Committee
- Meetings with MPOs and systems on new five-year budget
- FTA State Programs meeting for Region IV
- NCPTA Board

Upcoming:

- APTA Bus and Paratransit Conference (Charlotte)
- NCPTA Conference (Concord)
- Net Promoter Score Training

Calendar of activities underway:

- State Management Plan (SMP) is posted for public comment. PTD hired a part-time temporary staff member to create internal and external procedures to support the SMP.
- Scheduling work on scopes for: Transit Operations Planning course; 2CFR200 training; Johnston County Feasibility study; 5 category 3 plans underway. Initiated first three plans to be conducted by staff in our new planning process.

No Boundaries Conference

The Southwest NC transit systems have used the framework of a Veterans Transportation and Community Living Initiative (VTCLI) grant to coordinate transportation in the major corridors in their transportation service area. Jackson Transit hosted a meeting to discuss and create a work plan for new opportunities on Thursday, April 14.

Caryn Souza from Community Transportation Association of America presented on "Coordination from the National Perspective" while Debbie Collins led the discussion on North Carolina's successes. The following systems are working together to meet the transportation needs of this region: Macon, Clay, Cherokee, Swain, Jackson, Graham and Haywood. They are a wonderful example of collaboration efforts that serve the citizens of their communities.

GREAT Staff Teams Cross Training with Structured Site Visits



Pictured above: Gretchen Vetter, Ryan Mayers, Myakka Ware, Randy Cantor (CCATS), Richard Jones

PIEDMONT & CAROLINIAN PERFORMANCE SNAPSHOT

NCDOT RAIL DIVISION for the Month of FEBRUARY 2016

Ridership

	FFY16 FEB	FFY15 FEB	Δ	FFY16 YTD	FFY15 YTD	Δ
Carolinian	16,977	19,434	-13%	110,540	119,568	-8%
Piedmont	11,414	10,934	4%	66,251	70,499	-6%
Total	28,391	30,368	-7%	176,791	190,067	-7%

Number of Trains

Average Number of Passengers per Train

FFY16 FEB	FFY15 FEB	Service	FFY16 FEB	FFY15 FEB	Δ
58	56	Carolinian	293	347	-16%
112	108	Piedmont	102	101	1%

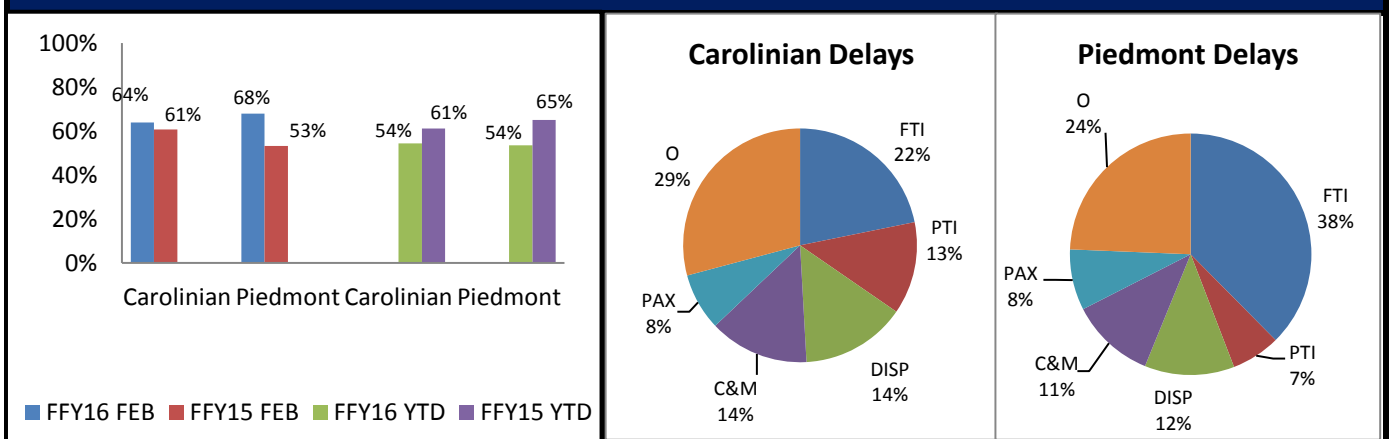
Revenue

	FFY16 FEB	FFY15 FEB	Δ	FFY16 YTD	FFY15 YTD	Δ
Carolinian	\$987,667	\$1,186,842	-17%	\$6,840,975	\$7,504,482	-9%
Piedmont	\$246,515	\$228,747	8%	\$1,429,541	\$1,468,163	-3%
Total	\$1,234,182	\$1,415,589	-13%	\$8,270,516	\$8,972,645	-8%

Amenities	Mo. Surcharge	\$15,642	Mo. Expense	\$6,233	Mo. Surplus	\$9,409
------------------	---------------	----------	-------------	---------	-------------	---------

February 2016 service modifications and annulments impacted four Piedmont trains and six Carolinian train. On Feb. 8 and Feb. 29, Trains 74 and 75 were annulled for PIP project work. Feb. 16 - Feb. 18, Trains 79 and 80 operated between Raleigh and Charlotte only due to CSX trackwork on A Line. On Feb. 1, Train 76 sustained a 40-minute delay due to NS Train 337 breakdown between Charlotte and Kannapolis and on Feb. 2, Train 76 sustained 133 minutes of delay due to NS Train 352 breakdown between Greensboro and Burlington. Additional disruptions for PIP project work will continue to occur as necessary. Average gasoline prices were \$0.42/gallon lower in Feb. 2016 than in Feb. 2015 (EIA Weekly Retail Gasoline for Lower Atlantic region).

On-time Performance



*Carolinian and Piedmont delays were 6,514 and 3,137 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

	FFY16 JAN	FFY15 YEAR-END	Δ
Carolinian	73%	75%	-2%
Piedmont	89%	90%	-1%

*The customer satisfaction index (eCSI) is calculated from rider survey data conducted on line and is for one month prior to the current report month. Overall satisfaction is defined as average scores greater than or equal to 80. Customer satisfaction goals for FFY 2015 were 79% for the Carolinian and 90% for the Piedmont; and for FFY 2016 are 77% for the Carolinian and 91% for the Piedmont. Overall January eCSI for all Amtrak services was 85%.

North Carolina City Pairs with Largest Ridership

	Carolinian	Piedmont
1	Charlotte - Raleigh	Charlotte - Raleigh
2	Raleigh - Washington	Charlotte - Greensboro
3	Charlotte - Durham	Charlotte - Durham
4	Durham - Washington	Charlotte - Cary
5	New York - Raleigh	Greensboro - Raleigh
6	Charlotte - Washington	Durham - Greensboro
7	Greensboro - Washington	Cary - Greensboro
8	Cary - Washington	Charlotte - HighPoint
9	Charlotte - New York	Burlington - Charlotte
10	New York - Wilson	HighPoint - Raleigh

*Of the ten city pairs with the highest ridership, from the previous FFY month Cary - Washington had the largest increase of 22% and Charlotte - New York the largest decrease of 51% for the Carolinian; Burlington - Charlotte had the largest increase of 27% and High Point - Raleigh the largest decrease of 24% for the Piedmont.

Carolinian and Piedmont Total Ons-Offs at North Carolina Stations

	FFY16 FEB	FFY15 FEB	Δ
Charlotte	10,952	11,070	-1%
Raleigh	7,682	7,770	-1%
Greensboro	7,065	7,184	-2%
Durham	4,967	5,584	-11%
Cary	3,670	3,508	5%
High Point	2,004	2,184	-8%
Wilson	1,716	2,053	-16%
Burlington	1,400	1,361	3%
Salisbury	1,311	1,407	-7%
Kannapolis	1,301	1,152	13%
Rocky Mount	1,005	1,250	-20%
Selma-Smithfield	375	461	-19%

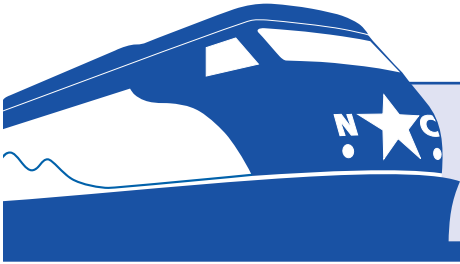
*The values represent passenger ons and offs at North Carolina stations for only state-supported routes and do not include those of other Amtrak services. The values should not be construed as total ridership.

North Carolina Train Host Association

	FFY16 FEB	FFY16 YTD
Train Host Volunteer Hours	846	5,163

Go. Reconnect.





Southeast Rail Forum held in Charlotte

The NCDOT Rail Division and the Triangle Chapter of the Women's Transportation Seminar (WTS) hosted the Southeast Rail Forum from March 16-18 in Charlotte to discuss ongoing rail initiatives and issues and to begin to chart a common course forward to meet the freight and passenger needs of our growing region. Over 200 people attended the forum.

Through the generous support of 21 sponsors, attendees were able to listen to speakers and ask questions of panelists on passenger, freight, safety, and multi-state project governance issues.

Speakers and panelists included elected officials such as North Carolina Representative Bill Brawley, Co-Chair of the Virginia-North Carolina Interstate High Speed Rail Compact, Mayor Jennifer Roberts of the City of Charlotte, Mayor Rick Danner of Greer, South Carolina, and Mayor Stephen Benjamin of Columbia, South Carolina. Governor McCrory also provided comments via a video noting his 25-Year Vision for North Carolina.

Other federal and state officials presenting at the forum were highlighted by USDOT Secretary of Transportation Anthony Foxx, Corey Hill, Executive Director of the Federal Railroad Administration, and NCDOT Secretary of Transportation Nick Tennyson.



NCDOT Secretary Nick Tennyson addresses conference attendees.

CSXT, Norfolk Southern, Palmetto Railways, RJ Corman, Amtrak, and other industry experts also participated in the conference.

Key points echoed by all elected and appointed officials included the need for the Southeast to develop a common vision for freight and passenger rail for delivering goods and moving people in the region and the need for the region to speak with a unified voice on rail priorities and needs.



USDOT Secretary Anthony Foxx

Virginia-North Carolina Interstate High Speed Rail Compact Convenes

The Virginia-North Carolina Interstate High Speed Rail Compact met on March 21,



2016. The meeting featured reports from each state along with presentations regarding the All Aboard Florida passenger system project and FAST Legislation. Representative Bill Brawley of North Carolina, the Compact co-chair, directed the state directors to 1) develop a list of joint grant applications to bring back to the Compact; 2) draft a three-year plan of next steps including how states can better support each other's plans and bring in other southeastern states; 3) hold monthly conference calls between the co-chairs and state directors; and 4) begin to look at the Compact's branding and how it might reach out to members of the respective congressional delegations.



Compact Co-Chair Representative Bill Brawley (left), presents Senator Watkins (right) with a Certificate of Appreciation in recognition of his leadership and service in advancing the work and goals of the Compact to support high speed rail service in the Southeastern United States.

SRF 2016 Agenda and Presentation materials are available for download at:
www.ncdot.gov/conferences/srf/



NCDOT Rail Division Awards Short Line Railroad Grants for FY 2016

The North Carolina Department of Transportation (NCDOT) Rail Division has programmed nearly \$1 million in matching funds to support six projects across the state through the Short Line Infrastructure Assistance Program (SIAP) for Fiscal Year 2016. The total requested ask from NCDOT Rail Division was over \$6.6 million from thirteen different short line railroads. This amount is the highest recorded funding request since the SIAP program began. It highlights the significant financial need that North Carolina's short line railroads have in order to continue providing safe and efficient freight service.

The SIAP is a component of the Freight Rail and Rail Crossing Safety Improvement (FRRCSI) program which was established in 2013 by the General Assembly to utilize dividends distributed to the state by the North Carolina Railroad Company (NCRR) for the improvement of freight service and the safety of rail-highway crossings in the state. Each project that was submitted was assigned funding based on the needs of the railroad and impact of the proposed improvement. The 2016 projects were selected for their emphasis on rehabilitation of railroad bridges, which will improve the safety and reliability of the state's freight rail network.

The projects that were selected for award based railroad bridge rehabilitation are as follows:

- 1. RJ Corman Carolina Lines: \$415,625**
 - Repair three bridges (MP 302.3, MP 305.6 and MP 309.5)
 - Replacement of 6,000 ties and surfacing (MP 297.3 to MP 311.2)
- 2. Carolina Coastal Railway: \$53,000**
 - Repair two bridges (MP 138.5 and MP 184.9)
- 3. Chesapeake and Albemarle Railroad: \$178,300**
 - Rehabilitate one bridge (MP 41.5)



Photo Courtesy Tim Schaefer.

- 4. Aberdeen, Carolina and Western Railway: \$225,500**
 - Repair four bridges (MP 23.10, MP 56.40, MP 338.50 and MP 346.0)
- 5. Blue Ridge Southern Railroad: \$70,300.72**
 - Repair seven bridges (MP 11, MP 38.0, MP 39.6, MP 40.1, MP 40.3, MP 40.5 and MP 44)
- 6. Yadkin Valley Railroad - \$53,639.13**
 - Repair one bridge (MP 87.9)

RJ Corman Carolina Lines was awarded the remaining balance of funds for tie replacement and surfacing due to their overall project impact score being the highest. The next anticipated round of SIAP is due to be announced sometime in August and NCDOT Rail Division encourages all short line railroads to submit applications as soon as the request is distributed.

"The NCDOT Rail Division's SIAP program partnering with private investments in short line railroads continues to make an impact on job creation in North Carolina," said Paul Worley, Rail Division Director.

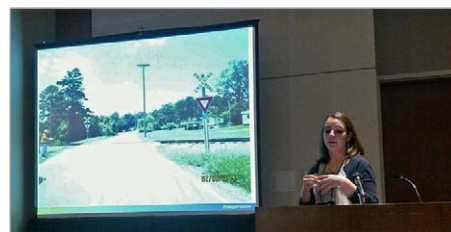


AASHTO GIS Transportation Symposium held in Raleigh

On April 5-7, NCDOT hosted the annual American Association of State Highway and Transportation Officials (AASHTO) GIS for Transportation Symposium (GIS-T 2016) at the Raleigh Convention Center. The symposium is a chance for GIS professionals in government and private industry who are interested in the use of GIS for transportation purposes to get together and share experiences, see state-of-the-art software, and learn more about this field. All states are invited to attend the conference. Each year, the symposium attracts more than 400 attendees and 30 exhibitors.

In addition to the many staff from NCDOT's GIS unit in attendance, Larry Sanders of Simpson Engineers and Associates and Rail Division Crossing Inventory Engineering Consultant, moderated sessions. Rail Division's Katie Kyzer of Simpson Engineers and Associates, and Rail Division GIS Support Consultant, presented a joint collaboration project between the NCDOT and the Federal Railroad Administration (FRA). Through this partnership, the agencies support shared goals for increased rail safety and capacity by sharing their respective highway-

rail grade crossing GIS products. Specifically, the NCDOT will host its photos of open, public, at-grade crossings in the north, south, east and west directions, as well as the crossing surface and the placard displaying the United States Department of Transportation (USDOT) unique identifier and emergency contact number. The photos can be geolocated using NCDOT's spatial data on crossings and the associated USDOT unique identifier. Crossing photos can be hosted within the state and the FRA will integrate them via a hyperlink from NCDOT's North Carolina Rail System Map on ArcGIS Online to its geospatial data, services and applications. This project will allow the FRA and its stakeholders to easily access crossing photos for reference and safety/planning analysis.



Katie Kyzer presents at AASHTO's GIS-T Symposium

Upcoming Special Train Stops

Thomasville

Carolinian and Piedmont

Trains 80, 73, 74 and 75 will

be making special stops at Randolph Street in Thomasville on May 30, Memorial Day, for the city's annual Memorial Day Parade. Governor Pat McCrory will be grand marshal.



A special 15% off ticket price will be offered to veterans (use promotion code V706) and active military members (select Military Advantage promotion code) who ride the train to this event. Please enter Station Code TMV—Thomasville, NC for destination.



Piedmont in Thomasville. Photo Courtesy Andrew Bryant Futrell

Raleigh – North Carolina State Fair

Carolinian trains 80 and 79 will make special stops at the Blue Ridge Road grade crossing during the North Carolina State Fair Oct. 14 - 23, 2016.

Lexington Barbeque Festival

Carolinian and Piedmont trains will also be stopping in Lexington on Oct. 22 for the annual Lexington BBQ Festival.

Ridership & Revenue on NC's Amtrak Service – *Feb. 2016 vs. 2015

	RIDERSHIP			REVENUE		
	2016	2015	% +/-	2016	2015	% +/-
Piedmont	11,414	10,934	4%	\$246,515	\$228,747	8%
Carolinian	16,977	19,434	-13%	\$987,667	\$1,186,842	-17%

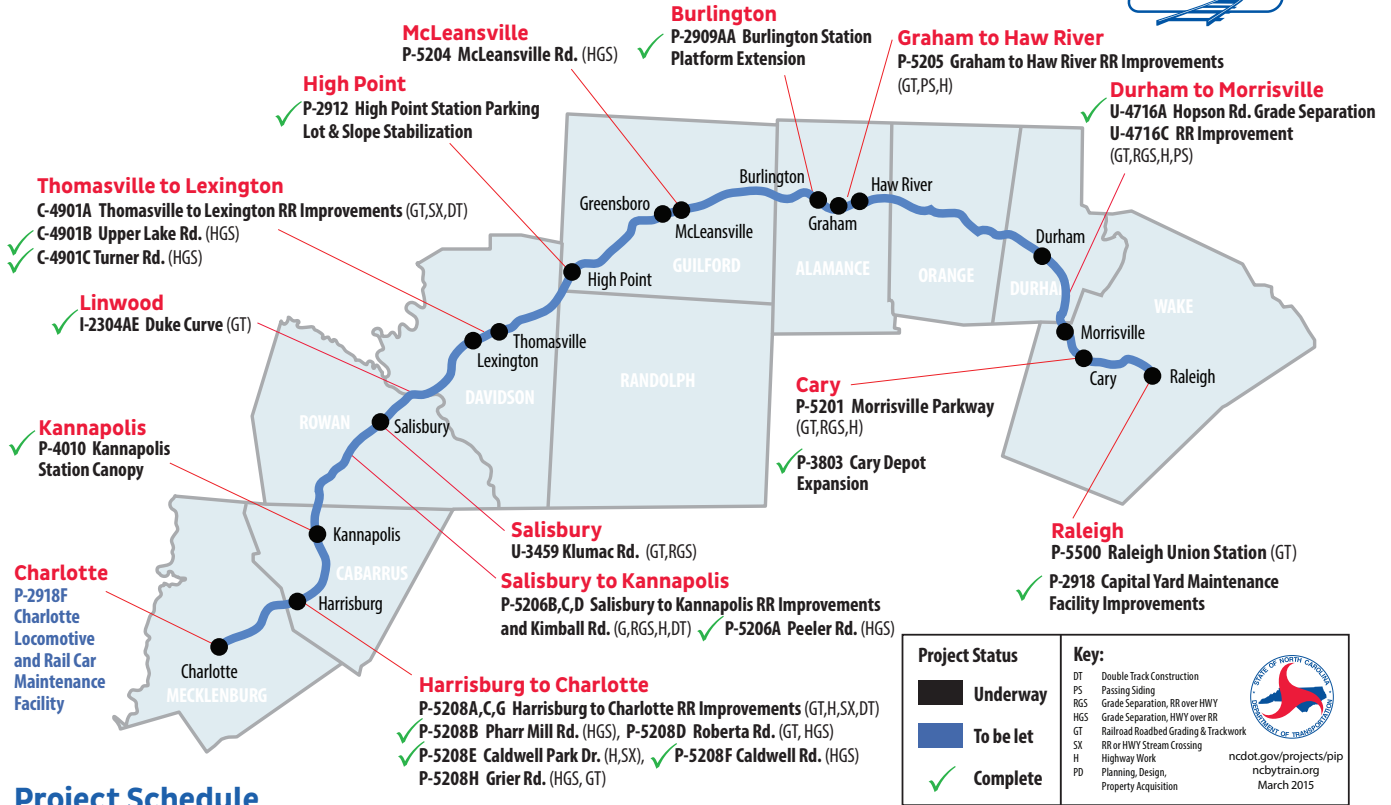
846



Hours Volunteered by N.C. Train Hosts in February, supporting North Carolina's Amtrak onboard trains and at events.

***February 2016 service modifications and annulments impacted four Piedmont trains and six Carolinian trains.** On Feb. 8 and Feb. 29, Trains 74 and 75 were annulled for PIP project work. Feb. 16 - Feb. 18, Trains 79 and 80 operated between Raleigh and Charlotte only due to CSX trackwork on A Line. On Feb. 1, Train 76 sustained a 40-minute delay due to NS Train 337 breakdown between Charlotte and Kannapolis and on Feb. 2, Train 76 sustained 133 minutes of delay due to NS Train 352 breakdown between Greensboro and Burlington. Additional disruptions for PIP project work will continue to occur as necessary. Average gasoline prices were \$0.42/gallon lower in Feb. 2016 than in Feb. 2015 (EIA Weekly Retail Gasoline for Lower Atlantic region).

Piedmont Improvement Program – March 2016 Status Report



Spent to Date of \$520M (eff. 3/31/2016)

Component	Expenditure
PD&A/ROW	\$50,513,615
Equipment Procurement & Rebuild	\$27,965,272
Stations & Facilities	\$44,519,456
Track & Structures	\$263,536,679
CRISP	\$2,180,376
Program Totals	\$388,715,398

Twelve new contracts totaling \$8,120,050 were awarded in March.

Commitments to Date of \$520M (eff. 3/31/2016)

Current Commitments	\$471M
Pending Commitments	Anticipated Date
Charlotte Maintenance Facility Construction	5/16
PIDS Construction (pending FRA approval)	5/16
PD&A	Through '16
Balance	\$6.3M

PIP Milestones



Morrisville: The railroad bridge (above) and remaining roadbed for the Morrisville Parkway grade separation has been completed for track construction. The the new track alignment across the bridge is anticipated to be put in service in May which will allow the existing railroad roadbed to be removed and the roadway construction to be completed under the new bridge.

Harrisburg: On March 14, a key cut-over was completed at new CP Shamrock on the Haydock to Junker double track project. Trains are now operating over two completed Number 24 turnouts in Main track 1. With the temporary track detour removed, Main track 2 turnouts are now under construction.

Piedmont Improvement Program – Project Photos – Mar. 2016



P-5500 Raleigh Union Station, site grading



P-5201 Morrisville Parkway, track construction



U-4716 Nelson to Clegg Passing Siding, track construction



P-5205 Graham to Haw River Passing Siding, new alignment



P-5204 McLeansville Road, bridge construction



C-4901 Bowers to Lake, conveyor train

Piedmont Improvement Program – Project Photos – Mar. 2016



C-4901 Bowers to Lake, construction of second track



C-4901 Bowers to Lake, track construction over Abbotts Creek



P-5206 Reid to North Kannapolis, CP Sumner



P-5206 Reid to North Kannapolis, Kimball Road, bridge construction



P-5208 Haydock to Junker, Coddle Creek, bridge pier construction



P-5208 Haydock to Junker, construction of second track



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION MAY 4, 2016

TIME: 3:30 PM

LOCATION: 160

TOPIC	PRESENTER	TIME
Trooper Gene DeMuth – Bridge on US 64 over Red Oak Road (SR 1003), Nash County , Division 4 (Tulloss)	Leigh Wing	5 min
Other Business	Leigh Wing	10 min