



MEETING AGENDA
Monthly Meeting of the North Carolina Board of Transportation
 1 South Wilmington Street Raleigh, North Carolina 27601
December 3 - 4, 2014

WEDNESDAY, DECEMBER 3, 2014

10:30AM – 12:00PM

Multi-Modal Committee	EIC
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11:00AM – 12:00PM

Highways Committee	Room 150
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11:30AM

Lunch Available

Breezeway

12:00PM – 1:00PM

Working Lunch – Full Board Attendance

Room 150

- | | |
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| <ul style="list-style-type: none"> • Scenic Byways • Design-Build Policy and Procedures • Maintenance Allocations • AASHTO Update | <p>Jeff Lackey</p> <p>Rodger Rochelle</p> <p>Jennifer Brandenburg</p> <p>Mike Holder</p> |
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1:00PM – 2:00PM

Funding & Appropriation Strategies Committee – Full Board Attendance	Room 150
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2:00PM – 2:45PM

Audit Committee	Room 160
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2:45PM – 3:15PM

Road Naming Committee	Room 160
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3:00PM – 4:00PM

General Meeting Time	Various Locations
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4:00PM

Adjourn

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

- **Call to Order** Chairman Curran
- **Invocation** Jim Crawford
- **Ethics Declaration** Chairman Curran
- **Approval of November Board Meeting Minutes** Chairman Curran

INFORMATION AND DELEGATED AUTHORITY

Secretary's Remarks Secretary Tata

Draft State Transportation Improvement Program Secretary Tata & Chairman Curran

- (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, Economic Development, Public Access and Senate Bill 1005 Discretionary

Break (10 minutes)

ACTION Chairman Curran

Approval of Projects

- (Item G)** Additions and Abandonments to State Secondary Road System
- (Item I)** Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-2) Rail Program
- (Item J)** Specific State Funds for Construction Projects
- (Item K)** Strategic Transportation Investments Funding and Specific North Carolina Trust Funds
- (Item M)** Funds for Specific Federal-Aid Projects
- (Item N)** TIP Amendments
- (Item O)** Municipal and Special Agreements
- (Item P)** Municipal Street System Changes
- (Item R)** Right of Way Resolutions and Ordinances
- (Item T)** Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation
- (Item V)** Design-Build Policy and Procedures

Committee Reports Chairman Curran

Other Business

Adjourn

PROJECTS LIST
NORTH CAROLINA BOARD OF TRANSPORTATION
RALEIGH, NORTH CAROLINA
December 3 - 4, 2014

Delegated Authority Secretary Tata

- (Item C) Award of Highway Construction Contracts from November 18, 2014 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, Economic Development, Public Access and Senate Bill 1005 Discretionary
- (Item L) Funds for Specific Spot Safety Improvement Projects

Action Chairman Curran

- (Item G) Additions and Abandonments to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-2) Rail Program
 - (Item I-3) Bicycle and Pedestrian
 - (Item I-4) Aviation
- (Item J) Specific State Funds for Construction Projects
- (Item K) Strategic Transportation Investments Funding and Specific North Carolina Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2012-2020 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation
- (Item V) Design-Build Policy and Procedures

NCDOT Board of Transportation Agenda

ITEM C

NOVEMBER 2014

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.
 NOVEMBER 18, 2014
 DIVISION 00005

C203394
 34745.3.S2
 STATE FUNDED
 DURHAM
 U-0071

PROPOSAL LENGTH 4.009 MILES

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

LOCATION EAST END CONNECTOR FROM NORTH OF NC-98 TO NC-147 (BUCK DEAN FREEWAY) IN DURHAM.

EST CONST PROGRESS.... FY-2015..13% OF BID
 FY-2016..30% OF BID
 FY-2017..24% OF BID
 FY-2018..19% OF BID
 FY-2019..13% OF BID
 FY-2020..01% OF BID

RPN 002 5 BIDDER(S) MBE GOAL 6.00 % WBE GOAL 7.00%
 ESTIMATE 151,682,829.89

DATE AVAILABLE FEB 01 2015

INTER COMPLETION JUL 15 2019 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT
 AUG 01 2017 COMPLETE ALL WORK REQUIRED AREA 3, PHASE I, STEP 1 THRU AREA 3 PHASE V, STEP 1

FINAL COMPLETION JAN 10 2020

	\$ TOTALS	% DIFF
DRAGADOS USA INC NEW YORK, NY	141,949,500.00	-6.4
FLATIRON CONSTRUCTORS INC FIRESTONE, CO	146,756,885.00	-3.2
BALFOUR BEATTY INFRASTRUCTURE INC ATLANTA, GA	149,781,309.93	-1.3
S. T. WOOTEN CORPORATION WILSON, NC	172,011,206.85	+13.4
W. C. ENGLISH, INC. LYNCHBURG, VA	185,618,569.38	+22.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER 18, 2014
DIVISION 00005

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C203618
5CR.10321.28, 5CR.20321.28
STATE FUNDED
DURHAM

PROPOSAL LENGTH 25.280 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-751, US-15/501 BUS, NC-157 & NC-54, 2 SECTIONS OF US-70 BUS
AND 13 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..40% OF BID
FY-2016..60% OF BID

RPN 003 4 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 6.00%
ESTIMATE 6,372,082.94

DATE AVAILABLE MAR 02 2015

FINAL COMPLETION APR 29 2016

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	5,988,985.15	-6.0
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	6,621,128.42	+3.9
THE LANE CONSTRUCTION CORP CHESHIRE, CT	7,100,932.65	+11.4
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	7,127,437.77	+11.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER 18, 2014
DIVISION 00006

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C203497
39017.3.FD1
STP-1121(9)
HARNETT
U-3465

PROPOSAL LENGTH 3.805 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING & SIGNALS.

LOCATION SR-1121 (RAY RD) FROM NC-210 TO SR-1120 (OVERHILLS RD).

EST CONST PROGRESS.... FY-2015..08% OF BID
FY-2016..51% OF BID
FY-2017..33% OF BID
FY-2018..08% OF BID

RPN 004 3 BIDDER(S) DBE GOAL 13.00 %

ESTIMATE 21,141,958.30

DATE AVAILABLE MAY 01 2015

INTER COMPLETION NOV 15 2017 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 14 2018

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	20,584,528.70	-2.6
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	21,588,115.78	+2.1
S. T. WOOTEN CORPORATION WILSON, NC	23,565,280.52	+11.5

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 NOVEMBER 18, 2014
 DIVISION 00006

C203599
 45548.3.FR1
 STPDA-1403(13)
 HARNETT
 R-5523

PROPOSAL LENGTH 0.431 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING & RAIL CROSSING.

LOCATION REALIGNMENT OF SR-2215(HARNETT CENTRAL ROAD) AT US-401 AND EXTENSION OF SR-1575(NEIL SMITH ROAD).

EST CONST PROGRESS.... FY-2015..69% OF BID
 FY-2016..31% OF BID

RPN 005 6 BIDDER(S) DBE GOAL 10.00 %

ESTIMATE 2,233,447.10

DATE AVAILABLE JAN 15 2015

INTER COMPLETION NOV 15 2015 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 13 2016

	\$ TOTALS	% DIFF
HIGHLAND PAVING CO., LLC FAYETTEVILLE, NC	1,917,813.90	-14.1
PLT CONSTRUCTION CO., INC. WILSON, NC	1,920,909.19	-14.0
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	1,986,946.89	-11.0
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	2,049,301.90	-8.2
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,090,564.65	-6.4
S. T. WOOTEN CORPORATION WILSON, NC	2,410,167.25	+7.9

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 NOVEMBER 18, 2014
 DIVISION 00008

C203494
 34352.2.S2
 STATE FUNDED
 MONTGOMERY
 R-0623

PROPOSAL LENGTH 6.651 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS & STRUCTURES.

LOCATION NC-24/27 (TROY BYPASS) FROM SR-1138 (DAIRY RD) TO EAST OF LITTLE RIVER.

EST CONST PROGRESS.... FY-2015..20% OF BID
 FY-2016..36% OF BID
 FY-2017..26% OF BID
 FY-2018..17% OF BID
 FY-2019..01% OF BID

RPN 006 12 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 7.00%
 ESTIMATE 50,205,097.20

DATE AVAILABLE DEC 29 2014

INTER COMPLETION AUG 01 2018 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 28 2019

	\$ TOTALS	% DIFF
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	45,066,522.65	-10.2
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	46,150,618.02	-8.1
BRANCH HIGHWAYS, INC. ROANOKE, VA	48,616,402.87	-3.2
JONES BROTHERS INC. MOUNT JULIET, TN	48,640,792.36	-3.1
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	49,271,250.90	-1.9
HAYMES BROTHERS, INC. CHATHAM, VA	49,479,963.64	-1.4
VECELLIO & GROGAN INC BECKLEY, WV	49,656,999.88	-1.1
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	49,950,950.00	-0.5
C. M. LINDSAY & SONS, INC. LUMBERTON, NC	51,781,752.14	+3.1
W. C. ENGLISH, INC. LYNCHBURG, VA	52,358,236.63	+4.3
S. T. WOOTEN CORPORATION WILSON, NC	54,660,699.62	+8.9
MORGAN CORPORATION CHARLOTTE, NC	66,245,849.52	+32.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER 18, 2014
DIVISION 00009

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C203493
38398.3.FD1
BRZ-2667(1)
FORSYTH
B-4511

PROPOSAL LENGTH 0.189 MILES

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

LOCATION BRIDGE #201 OVER KERNER'S MILL CREEK ON SR-2667.

EST CONST PROGRESS.... FY-2015..64% OF BID
FY-2016..36% OF BID

RPN 007 9 BIDDER(S) DBE GOAL 10.00 %

ESTIMATE 985,919.15

DATE AVAILABLE MAY 04 2015

INTER COMPLETION AUG 20 2015 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION FEB 16 2016

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	911,706.41	-7.5
DELLINGER, INC. MONROE, NC	974,247.58	-1.2
DANE CONSTRUCTION, INC. MOORESVILLE, NC	975,308.32	-1.1
COUNTRY BOY LANDSCAPING INC HARMONY, NC	1,031,888.88	+4.7
EASTERN STRUCTURES LLC MOCKSVILLE, NC	1,055,886.80	+7.1
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	1,085,805.18	+10.1
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	1,108,786.38	+12.5
JIMMY R. LYNCH & SONS, INC. PILOT MOUNTAIN, NC	1,267,442.94	+28.6
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	1,282,455.00	+30.1

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 NOVEMBER 18, 2014
 DIVISION 00013

C203358
 35609.3.S2
 STATE FUNDED
 MITCHELL, YANCEY
 R-2519B

PROPOSAL LENGTH 7.852 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING AND STRUCTURES.

LOCATION US-19E FROM NC-80 IN YANCEY COUNTY TO MULTILANE SECTION WEST OF SPRUCE PINES
 IN MITCHELL COUNTY.

EST CONST PROGRESS.... FY-2015..12% OF BID
 FY-2016..31% OF BID
 FY-2017..25% OF BID
 FY-2018..19% OF BID
 FY-2019..13% OF BID

RPN 001 8 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 6.00%
 ESTIMATE 66,095,801.73

DATE AVAILABLE FEB 15 2015
 INTER COMPLETION JUL 01 2019 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 FINAL COMPLETION DEC 29 2019

	\$ TOTALS	% DIFF
WRIGHT BROTHERS CONSTRUCTION COMPANY, INC. CHARLESTON, TN	64,819,883.66	-1.9
VECELLIO & GROGAN INC BECKLEY, WV	65,985,198.12	-0.2
SUMMERS-TAYLOR, INC. ELIZABETHTON, TN	66,896,738.22	+1.2
GLF CONSTRUCTION CORPORATION MIAMI, FL	68,890,621.82	+4.2
BRANCH HIGHWAYS, INC. ROANOKE, VA	69,425,494.58	+5.0
JONES BROTHERS INC. MOUNT JULIET, TN	71,394,426.05	+8.0
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	71,724,056.71	+8.5
JUDLAU CONTRACTING, INC. COLLEGE POINT, NY	72,334,500.80	+9.4

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 NOVEMBER 18, 2014
 DIVISION 00014

C203495
 42365.3.R1
 STATE FUNDED
 MACON
 R-5115

PROPOSAL LENGTH 0.148 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING AND SIGNING.

LOCATION TRUCK INFORMATION STATION & TRUCK TURN-AROUND ON US-64/NC-28 NEAR
 US-23/US-441/US-64 IN FRANKLIN.

EST CONST PROGRESS.... FY-2015..91% OF BID
 FY-2016..09% OF BID

RPN 008 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
 ESTIMATE 739,749.68

DATE AVAILABLE FEB 01 2015

INTER COMPLETION AUG 01 2015 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 28 2016

	\$ TOTALS	% DIFF
WATSON CONTRACTING, INC. FRANKLIN, NC	559,935.00	-24.3
GRAHAM COUNTY LAND COMPANY LLC ROBBINSVILLE, NC	669,984.50	-9.4
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	718,521.28	-2.9
BUCHANAN AND SONS INC WHITTIER, NC	732,323.50	-1.0
COLDITZ TRUCKING INC. BLAIRSVILLE, GA	1,115,074.93	+50.7

ESTIMATE TOTAL	299,456,885.99	
LETTING TOTAL	281,798,875.47	-5.9

NCDOT December 2014 Board of Transportation Agenda

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

Professional Services Management

Preconstruction

Roadway Design

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

DIVISION 13

Project:	34329.1.2 (R-0204D) McDowell County US 221-NC 226 (Marion Bypass) south of Marion to I-40
Scope of Work:	Roadway and Hydraulic Design and Traffic Management Plan
Estimated Construction Cost:	\$30,200,000.00
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$372,878.50
Previous Supplemental Fee:	\$ 41,703.41
Supplemental Fee:	\$ 6,739.39
Supplemental Work:	Hydraulic design to re-design a culvert and associated drainage systems.
DBE/WBE/SPSF Utilization:	100%

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

STATEWIDE

Description of Work:	Natural Environment Limited Services
Firm:	Dr. J. H. Carter, III & Associates, Inc., Southern Pines, NC
Original Engineering Fee:	\$400,000.00
Previous Supplemental Fee:	\$600,000.00
Supplemental Fee:	\$300,000.00
SPSF Utilization:	100%

Project Development and Environmental Analysis – Project Development

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for project development and preliminary design services on an as needed basis for various federal-aid and state funded projects to support the Project Development and Environmental Analysis Unit. These contracts will expire three (3) year after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

DIVISION 1

Description of Work: Multiple Bridge Replacement Projects
Firm: KCI Associates of North Carolina, PA, Raleigh, NC
Maximum Engineering Fee: \$1,350,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering, LLP \$405,000.00
30%
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$270,000.00
20%

DIVISION 2

Description of Work: Multiple Bridge Replacement Projects
Firm: Sepi Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,050,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: Multiple Bridge Replacement Projects
Firm: TGS Engineers, Raleigh, NC
Maximum Engineering Fee: \$1,350,000.00
SPSF Utilization: 100%

Description of Work: Multiple Bridge Replacement Projects
Firm: Summit Design and Engineering Services, PLLC, Hillsborough, NC
Maximum Engineering Fee: \$600,000.00
SPSF Utilization: 100%

DIVISION 3

Description of Work: Multiple Bridge Replacement Projects
Firm: Moffatt & Nichol, Inc., Raleigh, NC
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc. \$37,500.00
5%
DBE/WBE/SPSF Utilization: Chipley Consulting, LLC \$112,500.00
15%

Description of Work: Multiple Bridge Replacement Projects
Firm: McKim & Creed, PA, Wilmington, NC
Maximum Engineering Fee: \$600,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering, LLP \$60,000.00
10%

Description of Work: Multiple Bridge Replacement Projects
Firm: Dewberry Engineers, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,050,000.00
SPSF Utilization: EEE Consulting, Inc. \$210,000.00
20%
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$157,500.00
15%
SPSF Utilization: Ramey Kemp & Associates, Inc. \$52,500.00
5%

DIVISION 4

Description of Work: Multiple Bridge Replacement Projects
Firm: Kimley-Horn & Associates, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,200,000.00
SPSF Utilization: 0%

DIVISION 6

Description of Work: Multiple Bridge Replacement Projects
Firm: Ramey Kemp & Associates, Inc., Raleigh, NC
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: 100%

DIVISIONS 5 and 9

Description of Work: Multiple Bridge Replacement Projects
Firm: Parsons Transportation Group, Inc., Raleigh, NC
Maximum Engineering Fee: \$900,000.00
SPSF Utilization: The Catena Group, Inc. \$135,000.00
15%
SPSF Utilization: Sungate Design Group, PA \$135,000.00
15%
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$90,000.00
10%

DIVISIONS 7 and 8

Description of Work: Multiple Bridge Replacement Projects
Firm: Three Oaks Engineering, PC, Durham, NC
Maximum Engineering Fee: \$750,000.00
DBE/WBE/SPSF Utilization: 100%

DIVISION 10

Description of Work: Multiple Bridge Replacement Projects
Firm: Vaughn & Melton Consulting Engineers, Inc., Asheville, NC
Maximum Engineering Fee: \$450,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering, PC \$135,000.00
30%
DBE/WBE/SPSF Utilization: Ecological Engineering, LLP \$126,000.00
28%

Description of Work: Multiple Bridge Replacement Projects
Firm: Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee: \$450,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc. \$31,500.00
7%

DIVISION 11

Description of Work: Multiple Bridge Replacement Projects
Firm: MA Engineering Consultants, Inc., Cary, NC
Maximum Engineering Fee: \$750,000.00
DBE/MBE/SPSF Utilization: 100%

Description of Work: Multiple Bridge Replacement Projects
Firm: STV, Inc., Charlotte, NC
Maximum Engineering Fee: \$750,000.00
DBE/WBE/SPSF Utilization: Chipley Consulting, LLC \$75,000.00
10%
DBE/WBE/SPSF Utilization: Ecological Engineering, LLP \$187,500
25%
SPSF Utilization: Sungate Design Group, PA \$37,500.00
5%

Description of Work: Multiple Bridge Replacement Projects
Firm: CDM Smith, Inc., Raleigh, NC
Maximum Engineering Fee: \$600,000.00
DBE/SPSF Utilization: MI Engineering, PLLC \$60,000.00
10%
SPSF Utilization: The Catena Group, Inc. \$30,000.00
5%
DBE/WBE/SPSF: Three Oaks Engineering, PC \$30,000.00
5%

Description of Work: Multiple Bridge Replacement Projects
Firm: A. Morton Thomas & Associates, Inc., Raleigh, NC
Maximum Engineering Fee: \$600,000.00
SPSF Utilization: Sungate Design Group, PA \$60,000.00
10%
SPSF Utilization: Carolina Ecosystems, Inc. \$60,000.00
10%
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$60,000.00
10%

DIVISION 12

Description of Work: Multiple Bridge Replacement Projects
Firm: Rummel, Klepper, & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee: \$600,000.00
SPSF Utilization: The Catena Group, Inc. \$18,000.00
3%
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$30,000.00
5%

Description of Work: Multiple Bridge Replacement Projects
Firm: Stantec Consulting Services, Inc., Raleigh, NC
Maximum Engineering Fee: \$600,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$30,000.00
5%

DIVISION 13

Description of Work: Multiple Bridge Replacement Projects
Firm: Stewart Engineering, Inc., Raleigh, NC
Maximum Engineering Fee: \$600,000.00
SPSF Utilization: 100%

Description of Work: Multiple Bridge Replacement Projects
Firm: Simpson Engineers & Associates, PC, Cary, NC
Maximum Engineering Fee: \$600,000.00
DBE/MBE/SPSF Utilization: 100%

DIVISION 14

Description of Work: Multiple Bridge Replacement Projects
Firm: HDR Engineering, Inc. of the Carolinas, Raleigh, NC
Maximum Engineering Fee: \$600,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$60,000.00
10%

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

DIVISION 6

Project: 34466.4.1 (R-2561) Columbus County
NC 87 from US 74-76 in Columbus County to
Elizabethtown Bypass in Bladen County
Description of work: To conduct additional environmental and
preliminary engineering studies to complete
environmental document
Firm: Stantec Consulting Services, Inc., Raleigh, NC
Estimated Construction Cost: \$179,300,000.00
Original Engineering Fee: \$ 1,200,000.00
Previous Supplemental Fee: \$ 400,000.00
Supplemental Fee: \$ 250,000.00
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc. \$21,750.00
8.7%

STATEWIDE

Description of work: To conduct the project development, environmental, and preliminary engineering studies and public involvement program; prepare the draft Section 401 and 404 permits for a selection of projects programmed in the STIP (SB 1005)

Firm: Rummel, Klepper, & Kahl, LLP, Raleigh, NC

Original Engineering Fee: \$2,200,000.00

Previous Supplemental Fee: \$ 700,000.00

Supplemental Fee: \$ 620,000.00

SPSF Utilization: 0%

Description of work: To conduct the project development, environmental, and preliminary engineering studies and public involvement program; prepare the draft Section 401 and 404 permits for a selection of projects programmed in the TIP (SB 1005)

Firm: Kimley-Horn & Associates, Inc., Raleigh, NC

Original Engineering Fee: \$3,000,000.00

Previous Supplemental Fee: \$2,300,000.00

Supplemental Fee: \$ 200,000.00

SPSF Utilization: 0%

Field Support

Materials and Tests

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firm for assessing Hot Mix Asphalt Quality Control and Quality Assurance technicians on an as needed basis for various federal-aid and state funded projects to support the Materials and Tests Unit. This contract will expire one (1) year after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work: Assessments of Hot Mix Asphalt Quality Control and Quality Assurance technicians

Firm: Volkert, Inc., Raleigh, NC

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: 0%

Chief Engineer

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

DIVISION 6

Project:	34817.3.S8 (U-2519CB) Cumberland County Fayetteville Outer Loop from south of SR 1400 (Cliffdale Road) to east of the All American Freeway
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$125,600,000.00
Firm:	Michael Baker Engineering, Inc., Greensboro, NC
Maximum Engineering Fee:	\$17,500,000.00
SPSF Utilization:	Summit Design and Engineering Services, PLLC \$3,500,000.00 20%

State Asset Management – Management Systems and Assessments

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 for GIS/Engineering Technician and GIS Analysis Services on an as needed basis for various federal-aid and state funded projects to support the Management Systems and Assessments Unit. This contract will expire one (1) year after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work:	GIS/Engineering Technician and GIS Analysis Services in Support of the Attribution of the NCDOT Linear Referencing System with Roadway Characteristics Data, Field Data Collection, Roadway Characteristics Data Validation, and Creation of Mapping Products
Firm:	Arcadis G&M of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

NCDOT December 2014 Board of Transportation Agenda

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

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No.	Description	Amount
Greene Div. 2	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 2C.040009	\$589,113.52
Lenoir Div. 2	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 2C.054016	\$26,170.84
Pender Div. 3	Various	Pavement Stabilization. Increase Funds. WBS 3C.027073	\$1,403.01
Pender Div. 3		Repair the existing driveway to the Sloop Point Pender Fire & EMS Station WBS 3C.071090	\$8,800.00
Pender Div. 3		Repair the existing driveway to the Long Creek VFD Station # 21 WBS 3C.071091	\$15,000.00
Montgomery Div. 8	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 8C.062016	\$400,000.00
Stokes Div. 9	SR 1670 Pleasant View Church Road	GDB&P. Increase Funds. WBS 9C.085130	\$137,371.98
Cabarrus Div. 10	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 10C.013010	\$114,670.02
Mecklenburg Div. 10	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 10C.060014	\$499,769.23

NCDOT December 2014 Board of Transportation Agenda

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

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No.	Description	Amount
Union Div. 10	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 10C.090029	\$766,000.00
Avery Div. 11	SR 1515 Pilot Road	GDB&P. Increase Funds. WBS 11C.006010	\$400,000.00
Avery Div. 11	SR 1103 Bent Road	GDB&P. Increase Funds. WBS 11C.006052	\$200,000.00

Closings

Division	County	WBS Element	Road Number / Name	Amount
Div. 4	Halifax	4SP.20424.01	System Preservation. Increase and Close.	\$350,000.00
Div. 5	Franklin	5C.035036	GDB&P SR 1440 Thompson Road. Increase and Close.	\$20,256.46
Div. 5	Franklin	5C.035038	GDB&P SR 1241 Ellington Road. Increase and Close.	\$20,991.31
Div. 5	Wake	5C.092118	GDB&P SR 2330 Carpenter Road. Increase and Close.	\$14,502.03
Div. 5	Warren	5C.093003	Paved Road Improvements. Increase and Close.	\$2,370.47
Div. 9	Rowan	9C.080111	GDB&P SR 2210 Lee Trexler Road. Increase and Close.	\$27,564.26
Div. 9	Stokes	9C.085131	GDB&P SR 1994 Big Oak Road. Increase and Close.	\$48,596.83

Deletions

County	SR No.	Reason	Amount
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NCDOT December 2014 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)
Deletions

County	SR No.	Reason	Amount
Lee Div. 8	SR 1739 Tillman Road	GDB&P. Project Partially Funded. Insufficient Funds to Complete. WBS 8C.053029	-\$250,000.00

Corrections:

Div. 1 – Camden County, WBS 1C.015010 was listed on the November 2014 BOT Agenda to Increase Funds in the amount of \$37,347.71. The Correct amount to increase should be \$63,487.62.

Div. 1 – Hyde County, WBS 1C.048035 was listed on the November 2014 BOT Agenda to Increase Funds in the amount of \$50,000.00. The Correct amount to increase should be \$49,999.95.

Div. 1 – Pasquotank County, WBS 1C.070041 was listed on the November 2014 BOT Agenda to Increase Funds in the amount of \$32,055.00. The Correct amount to increase should be \$136,398.88.

NCDOT December 2014 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 4 Wayne	50653	0.30	Meares Bluff Subdivision Waverly Drive, SR 2316 Ext.	10/6/14
Division 5 Durham	50654	0.40	Red Mountain Subdivision Quarterhorse Run, SR 1795 Ext.	10/15/14
Division 9 Davie	50655	0.22	Indian Hills Mini Farms Subdivision Apache Road, SR 1698 Ext.	10/29/14
Stokes	50656	0.24	Dalton West Subdivision Oxford Lane Waldorf Court	10/29/14
Stokes	50657	0.10	Fred Merritt Road, SR 1337 Ext.	9/24/14
Division 10 Union	50658	0.07 0.08 0.44	Lake Forest Preserve Subdivision Sugar Plum Court Fir Place Court Twin Lakes Drive	9/15/14
Division 11 Yadkin	50659	0.34	Savannah Trail Subdivision Countryside Lane	11/4/14
Division 12 Alexander	50660	0.36	Hendron Lane, SR 1511 Ext.	9/11/14

Road Abandonments:

Division 6 Columbus	50661	0.58	SR 1364 Heck Lovette Road	10/30/14
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Corrections:

Division 1 – Currituck County, Airport Road should not have been listed on Petition Number 50608.

Division 11 – Wilkes County, Industrial Park Drive should not have been listed as an extension of SR 2333.

December 4, 2014

NCDOT December 2014 Board of Transportation Agenda

Corrections Requested By GIS

Approval is requested for the following road numbering and mileage corrections from December -2006 Board Agenda to update County maps in Div. 11 – Caldwell County:

The deletion that reads NC 18 Bus/NC 90 To abandon Harper Avenue from Morganton Blvd. (US 64/NC18) to Creekway Drive (SR 1300) for a length of 1.94 miles **should now read:** SR 1579 To abandon Harper Avenue from Morganton Blvd. (US 64/NC18) to Creekway Drive (SR 1300) for a length of 2.03 miles.

The deletion that reads NC 18 Bus/NC 90 To abandon West Ave. from Ridge St. (NC 18 Bus/NC 90/SR 1549) to Harper Ave. (NC 19Bus/NC 90) for a length of 0.47 miles **should now read:** SR 1579 To abandon West Ave. from Ridge St. to Harper Ave. (SR 1579) for a length of 0.57 miles.

The deletion that reads NC 18 Bus/NC 90/SR 1549 To abandon Ridge ST. from Harper Ave. (NC 18 Bus/NC 90) to West Ave. (NC 18 Bus/NC 90) for a length of 0.17 miles **should now read:** SR 1579 To abandon Ridge St. from Harper Ave. (SR 1579) to West Ave. for a length of 0.08 miles.

The deletion that reads SR 1403 To abandon Willow St. from Harper Ave. (NC 18 Bus) to West Ave. (NC 18 Bus) for a length of 0.08 miles **should now read:** SR 1403 To abandon Willow St. from Harper Ave. (SR 1579) to West Ave. (SR 1579) for a length of 0.08 miles.

The deletion that reads US 321A/NC 90 To abandon Main St. from College Ave (US 321A) to Creekway Dr. (SR 1300) for a length of 0.97 miles **should now read:** SR 1438 To abandon Main St. from West Ave. (SR 1579) to Creekway Dr. (SR 1300) for a length of 0.84 miles.

The deletion that reads US 321A To abandon College Ave. from Main St. (US 321A) to Mulberry ST. (US 321A) for a length of 0.04 miles **should now read:** SR 1437 To abandon College Ave. from Main St. to Mulberry St. (SR 1437) for a length of 0.04 miles.

The deletion that reads US 321A To abandon Mulberry ST from Morganton Blvd (US64.NC 18(to West Ave. (NC 18 Bus/NC 90). for a length of 0.70 miles **should now read:** SR 1437 To abandon Mulberry St from Morganton Blvd. (US 64/NC 18) to West Ave. (SR 1579) for a length of 0.71 miles.

The deletion that reads US 321A To abandon Norwood St. from Mclean Dr. (SR 1180) to Morganton Blvd. (US 64/NC 18) for a length of 1.48 miles **should now read:** SR 1969 To abandon Norwood St. from Mclean Dr. (US 321A) to Morganton Blvd. (US 64/NC 18) for a length of 1.41 miles.

Also, due to corrections in SR numbers and lengths from the original document, the following abandonment needs to be added to this municipal agreement. The actual roads being abandoned have not been changed.

SR 1437 To abandon Main St. from West Ave. (SR 1579) to College Ave. for a length of 0.14 miles.

NCDOT DECEMBER 2014 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 Camden	WBS 43679 was established (11/12) for the installation of crutch bents on Camden Bridge #13; increase scope to bore a waterline that is in conflict with the crutch bent on SR 1224 (Old Swamp Rd) Increase funds	Small Construction TOTAL	 \$16,314.58 \$16,314.58
Div 1 Chowan	Town of Edenton – Milling, patching, strengthening, and resurfacing Midway Dr WBS 44305	Contingency TOTAL	 \$200,000.00 \$200,000.00
Div 1 Chowan	Town of Edenton – Widening and resurfacing SR 1325 (Peanut Dr) WBS 44307	Small Construction TOTAL	 \$130,000.00 \$130,000.00
Div 2 Jones	Town of Maysville – WBS 49015 was established (06/14) for a pedestrian refuge island on US-17 at Sixth St Increase and close	Small Construction TOTAL	 \$2,618.76 \$2,618.76
Div 3 New Hanover	City of Wilmington – Installation of approximately 2,200 LF of multi-use path along SR 1491 (Masonboro Loop Rd) from Andrews Reach Loop Rd (non-system) to entrance of Parsley Elementary School WBS 44342	Small Construction TOTAL	 \$152,000.00 \$152,000.00
Div 3 New Hanover	City of Wilmington – Install new 125' crossing surface over River Rd and relocate crossing signals to create new spur WBS 44344	Economic Development TOTAL	 \$305,000.00 \$305,000.00
Div 4 Edgecombe	City of Tarboro – Sunset Avenue Extension in Tarboro, running from US 64A to the church driveway. WBS 80001	Contingency TOTAL	 \$115,000.00 \$115,000.00

NCDOT DECEMBER 2014 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

County	Description	Type	Amount
Div 5 Wake	City of Raleigh – WBS 43907 was established (09/13) for improvements to Carl Sandburg Ct, Michael J Smith Ln, and Sungate Blvd in order to upgrade to standards in conjunction with UHS hospital construction Increase and close	Contingency <hr/> TOTAL	\$48,527.10 <hr/> \$48,527.10
Div 8 Lee	City of Sanford –Install traffic signal and pedestrian heads at the intersection of SR 1519 (Nash St) and SR 1521 (Kelly Dr) WBS 44341	Small Construction <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00
Div 8 Richmond	Town of Hamlet – WBS 43849 was established (05/13) to install new curb and gutter, and sidewalk on NC177 from US-74 Business to SR 1504 (Washington Ave) Increase & close	Small Construction <hr/> TOTAL	\$70,799.72 <hr/> \$70,799.72
Div 9 Rowan	City of Salisbury – Installation of approximately 1500' of 5' sidewalk along Jake Alexander Blvd between SR 2579 (RCCC Rd) and SR 2541 (Klumac Rd) WBS 44293	Small Construction <hr/> TOTAL	\$125,000.00 <hr/> \$125,000.00
Div 9 Rowan	City of Salisbury – Improve the NSRR at-grade rail crossing on US-70/601 (Jake Alexander Blvd) near SR 2018 WBS 44339	Small Construction <hr/> TOTAL	\$80,000.00 <hr/> \$80,000.00
Div 13 Buncombe	City of Asheville – WBS 43837 was established (04/13) to construct a left turn lane and traffic signal on NC-81 at Azalea Rd; scope change to include sidewalk and curb & gutter Increase funds	Small Construction <hr/> TOTAL	\$110,000.00 <hr/> \$110,000.00
Div 14 Henderson	Pave drive and area in front of bay doors at Valley Hill VFD substation # 2 WBS 45850	Public Access <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00

**NCDOT DECEMBER 2014 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development**

Deletions:

Div 9, Forsyth County – WBS 44168 was established (04/14) for the installation of a left turn lane on SR 1525 (Yadkinville Rd) at SR 1310 (Transou Rd); funded by alternate source

Summary:	Number of Projects	14
	Number of Divisions	9
	Small Construction Commitment	\$761,733.06
	Public Access Commitment	\$25,000.00
	Contingency Commitment	\$363,527.10
	Economic Development	\$305,000.00
	TOTAL	\$1,455,260.16

**NCDOT December 2014 Board of Transportation Agenda
Public Transportation Program**

Town/County Division	Public Transportation Grant Program	Estimated Cost	
Statewide	15-DG-017 - The Institute for Transportation Research and Education (ITRE) at North Carolina State University will support the Public Transportation Division and transit systems to implement public transportation technology plans; meet training needs; and collect, analyze and report vehicle utilization and operating statistics data for the National Transit Database. Provide on-going technical guidance and expertise for Transportation Demand Management programs; develop program training and explore future program strategies. Provide training on the Americans with Disabilities Act, for transit systems. Provide skill building workshops aimed at improving workforce professional skills. Conduct Intercity Bus activities to develop an updated Intercity Bus Network Plan. This item request approval to enter into an agreement for CY15 work plan activities for the Public Transportation Division. Federal Transit Administration funds for state administration and local system oversight, combined with state funds, will support the cost of the activities for the period of performance of January 1, 2015 - December 31, 2015.	\$686,777	Total
		\$520,074	Federal
		\$166,703	State
Section 5307 and 5339 Bus and Bus Facilities Program			
2	15-XX-XXX – The City of Greenville (Greenville Transit System) request for State Funds for construction of Multi Modal Center.	\$5,231,510	Total
		\$4,185,208	Federal
		\$523,151	State
		\$523,151	Local
3	15-90-X502-01 – Cape Fear Transportation Authority request for State funds for replacement of one light transit vehicle for use on Route 204 Brunswick Connector	\$125,000	Total
		\$100,000	Federal
		\$12,500	State
		\$12,500	Local
3	15-34-X533- Cape Fear Transportation Authority request for State Funds for replacement of one light transit vehicle for use on UNC Seahawk Shuttle.	\$150,000	Total
		\$120,000	Federal
		\$15,000	State
		\$15,000	Local
3	15-95-X062-01- Cape Fear Transportation Authority request for State Funds for purchase of four expansion vanpool vans for use in the Wave Pool Vanpool Program	\$100,000	Total
		\$80,000	Federal
		\$10,000	State
		\$10,000	Local
3	15-34-0002 – Cape Fear Transportation Authority request for State Funds for one replacement Light Transit Vehicle for use in Authority's Complementary Paratransit Program	\$51,610	Total
		\$41,288	Federal
		\$5,161	State
		\$5,161	Local

4	15-XX-XXX – Goldsboro Wayne Transportation Authority request for State Funds to purchase one 30' Bus Replacement and one 25' Bus Replacement for urban fixed route service.	\$476,173 \$380,938 \$47,617 \$47,618	Total Federal State Local
7	15-XX-XXX – The City of Greensboro (Greensboro Transit System) request for State Funds to purchase five less than 30' lift equipped replacement buses for ADA Service	\$414,458 \$344,000 \$33,157 \$37,301	Total Federal State Local
9	15-XX-XXX – The City of Winston Salem (Winston Salem Transit) request State Funds to purchase six large hybrid bus replacements and one Hybrid Paratransit bus replacement.	\$4,000,000 \$3,400,000 \$300,000 \$300,000	Total Federal State Local
10	15-95-X060 - City of Charlotte request for State Funds to purchase seven 30' replacement hybrid buses	\$4,013,856 \$3,192,000 \$401,385 \$420,471	Total Federal State Local
10	15-95-X052 – City of Charlotte request for State Funds to replace three buses	\$1,335,000 \$1,058,250 \$132,000 \$144,750	Total Federal State Local
13	15-XX-XXX City of Asheville request State Funds for purchase of one replacement paratransit van for Apple Country Transit	\$47,558 \$38,046 \$4,756 \$4,756	Total Federal State Local
13	15-XX-XXX City of Asheville request State Funds for purchase of one replacement CNG Bus for Apple Country Transit.	\$141,035 \$112,828 \$14,103 \$14,104	Total Federal State Local

ITEM I-1 SUMMARY: 13 PROJECT(S) – (TOTAL FEDERAL AND STATE) \$15,238,165

ADDITIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY13 (000)	FY14 (000)	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)
TA-4726A	Chapel Hill Transit	3 Replacement Buses	STPDA	STPDA			973	720			
			Local	L			362	180			
TQ-6808	Catawba County Department of Social Services	Capital – Purchase of Service	FEPD	5310				120			
			Local	L				30			
TQ-7003	Western Piedmont Regional Transportation Authority	Section 5310 Program Administration	FEPD	5310				22			

MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY13 (000)	FY14 (000)	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)
TM-6144	Asheville Transit	FTA 5307 Asheville Urbanized Area Allocation set aside for Job Access Reverse Commute Projects	FUZ	5307		209	344				
			Local	L		209	344				
TA-4923	Durham Area Transit Authority	Replacement Buses	STPDA	STPDA			3,218	720			
			Local	L			805	180			
TA-5019A	Durham Area Transit Authority	Replacement Paratransit Vehicles	STPDA	STPDA		266	260	287			
			Local	L		67	67	71			
TG-5224C	Fayetteville Area System of Transit	Routine Capital	FUZ	5307	88	216	272	176	112	144	72
			State	S	19	42	49	32	22	24	15
			Local	L	3	12	19	12	6	12	3
TA-4743	Fayetteville Area System of Transit	Replacement Light Transit Vehicles (<30 ft)	FBUS	5339		166			176		187
			State	S		16			17		18
			Local	L		18			19		21
TA-4990	Fayetteville Area System of Transit	Expansion Buses (35 FT)	FUZ	5307	597		515	747			
			State	S	58		50	72			
			Local	L	65		56	81			
TD-4708	Fayetteville Area System of Transit	Facility – MultiModal Transit Center – Final Design and Construction	FBUS	5309 Bus Livability Grant	8015						

			State	S	1002						
			Local	L	1002						
			FUZ	5307			1710				
			Local	L			437				
TG-5224E	Fayetteville Area System of Transit	Routine Capital – ADA Services	FUZ	5307	293	332	290	290	290	290	290
			Local	L	74	83	73	73	73	73	73
		(continued)			FY 20						
			FUZ	5307	290						
			Local	L	73						
TO-5144	Fayetteville Area System of Transit	Operating Assistance (>75 Buses) Map 21	FUZ	5307		330	500	600	600	600	600
			Local	L		330	500	600	600	600	600
		(continued)			FY 20						
			FUZ	5307	600						
			Local	L	600						

Item I-1A, 12 Projects, Total Federal/State/Local funds \$36,469,000

NCDOT December 2014 Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
Statewide	<p>The Rail Division requests Board approval of State Rail funds for the design, purchase, and installation of Positive Train Control (PTC) radio communication components, which are necessary for compliance with Federal Law under 49 CFR 236. The specialized radio equipment must be purchased by December 31, 2014. This will allow the Rail Division to better take advantage of significant cost saving opportunities and will allow for the anticipated seven month delivery time. In order to meet FRA testing requirements, PTC radio components must be installed on Department in service locomotives and cab control cars by August 1, 2015. The radio system must be approved for full operation by Norfolk Southern Railway Company, CSX Transportation, Inc., and the FRA prior to the congressionally-mandated implementation date of December 31, 2015. Failure to meet this schedule will result in cessation of all Department passenger train operations. The Department will cover 100% of cost.</p> <p>WBS 42908</p>	\$90,000
Division 1 Chowan, Perquimans, Pasquotank, Camden, & Currituck Counties	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Chesapeake & Albemarle Railroad corridor to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$228,438.</p>	\$228,438
Divisions 2 & 4 Beaufort, Nash, Pitt, Greene, & Wilson Counties	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Carolina Coastal Railway corridors to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$377,385.</p>	\$377,385

<p>Division 3 New Hanover County</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Wilmington Terminal Railroad yard to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$401,125.</p>	<p>\$401,125</p>
<p>Division 3 New Hanover County</p>	<p>The Rail Division requests Board approval of State Freight Rail & Rail Crossing Safety Improvement funds in order to partially finance the costs of constructing rail industrial access track to serve Project Loco. The company is considering construction of a new facility in New Hanover County. The company proposes to hire more than 1,300 new employees and make a capital investment of at least \$50 million. They anticipate shipping approximately 1,300 carloads of rail freight per year and require rail access in order to choose the New Hanover County site for the facility. Funding is contingent upon an environmental review, a construction schedule that complies with grant requirements, all other Freight Rail & Rail Crossing Safety/Rail Industrial Access Program requirements being satisfied, and on implementation of transportation improvements necessary to protect the safety of the contractors and employees of Project Loco. The Rail Division recommends approval of a \$200,000 award for this project.</p>	<p>\$200,000</p>
<p>Divisions 4 & 5 Wilson, Nash, & Wake Counties</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improving three at-grade railroad crossing surfaces. The Carolina Coastal Railway (CLNA) crossings to be improved are: Barbee Road in Zebulon (NS 210.1), Carrie Road in Stantonsburg (NS 174.3), and Stokes Road in Middlesex (NS 202.3). The improvements will replace deteriorating asphalt and timber surfaces with rubber rail seal and new asphalt. CLNA will provide the necessary labor to install track materials. The Division of Highways will contribute traffic control and asphalt. The total cost to the Rail Division is estimated to be \$45,000.</p>	<p>\$45,000</p>
<p>Division 5 Wake County</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for the closure of the at-grade crossing (465 681P, NS 220.9) at Fayetteville Road (SR 2513) in Knightdale. As mitigation for the closure, the project will include improvements at the intersection of Smithfield Road (SR 2233) and First Avenue. The Department will be responsible for the design and construction of the project. The Department shall not be responsible for right-of-way. The total cost is estimated to be \$200,000.</p> <p>WBS 40325.1.68 WBS 40325.3.68</p>	<p>\$200,000</p>

<p>Divisions 6 & 8 Hoke & Cumberland Counties</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Aberdeen & Rockfish Railroad corridor to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$380,452.</p>	<p>\$380,452</p>
<p>Division 7 & 10 Guilford & Mecklenburg Counties</p>	<p>The Rail Division requests Board approval to rescind the May 2014 approved Freight Rail & Rail Crossing Safety Improvement funding of \$600,000 for the closure of the private at-grade crossing that serves John B. Stroup's and Hazline H. Stroup's property in Mecklenburg County and replace it with Naco Road extension project in Guilford County. The funds will be used to provide the necessary environmental documentation for construction of a new road from O'Ferrell Street east to Wagoner Bend Road (SR 3040) in Greensboro. The funding will also provide for construction plans and right-of-way acquisition between O'Ferrell Street and Ward Road (SR 3024). This roadway extension, along with grade separations (built under separate projects, currently unfunded), will permit closure of O'Ferrell Street (722 961B), Maxfield Road (SR 3025, 722 964W), and Buchanan Church Road (SR 3026 722 965D) at-grade crossings.</p>	<p>\$600,000</p>
<p>Divisions 8 & 10 Chatham, Montgomery, Moore, & Stanly Counties</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Aberdeen Carolina & Western Railway corridor to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$342,201.</p>	<p>\$342,201</p>
<p>Division 8 Lee County</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Atlantic & Western Railway corridor to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$88,000.</p>	<p>\$88,000</p>
<p>Division 8 Scotland & Hoke Counties</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Laurinburg & Southern Railroad corridor to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$100,055.</p>	<p>\$100,055</p>

<p>Division 9 Stokes County</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds to close two at-grade crossings (Goff Road (721 952Y) and a second crossing to be determined). To improve traffic flow at the Old US 52 and Goff Road (SR 1138) intersection, a new crossing on the Yadkin Valley Railroad CF line will be constructed. This project has been requested by the Stokes County Board of Education due to the high number of accidents involving inexperienced drivers traveling to and from West Stokes High School.</p>	<p>\$300,000</p>
<p>Divisions 9 & 11 Surry, Stokes, Wilkes, & Forsyth Counties</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Yadkin Valley Railroad corridor to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$375,004.</p>	<p>\$375,004</p>
<p>Divisions 11, 12, & 13 Caldwell, Burke, & Catawba Counties</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Caldwell County Railroad corridor to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$40,013.</p>	<p>\$40,013</p>
<p>Division 12 Iredell & Alexander Counties</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Alexander Railroad Company corridor to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$136,325.</p>	<p>\$136,325</p>
<p>Divisions 13 & 14 Buncombe, Haywood, Henderson, Jackson, & Transylvania Counties</p>	<p>The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement funds for improvements to the Blue Ridge Southern Railroad corridor to enhance infrastructure condition, safety, and operating efficiency. The Department shall participate in 50% of actual project costs not to exceed \$369,534.</p>	<p>\$369,534</p>

ITEM I-2 SUMMARY – 17 PROJECTS – (TOTAL FEDERAL AND STATE) \$4,273,532.00

NCDOT December 2014 Board of Transportation Agenda

Bike & Pedestrian Program

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the December 4, 2014 Board of Transportation meeting.	

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

NCDOT December 2014 Board of Transportation Agenda

Aviation Program

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the December 4, 2014 Board of Transportation meeting.	

ITEM I-4 SUMMARY – NO PROJECTS - (TOTAL FEDERAL, STATE AND LOCAL) \$ 0.00

**NCDOT December 2014 Board of Transportation Agenda
Approval of Specific State Funds for Construction Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 U-4014 REGIONAL	WBS 39044.3.1 US 25 (Mcdowell Street) -Tunnel under Victoria Road in Asheville. \$2,313,100.00 has previously been approved for construction. Additional funds are requested for construction.	\$350,000.00
Macon Co. Div. 14 R-2408A DIVISION	WBS 34427.2.1 SR 1323 (Riverview Street) from US 441 Business to NC 28. \$2,577,360.00 has previously been approved for right of way and utilities. Additional funds are requested.	\$500,000.00
ITEM J SUMMARY	2 PROJECTS	\$850,000.00

**NCDOT December 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Strategic Transportation Investments**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Hyde Co. Div. 1 F-5003 REGIONAL	WBS 41149.3.R1 Swan Quarter Visitor's Center replacement. \$2,400,000.00 has previously been approved for construction. Funds need to be increased by \$370,200.00 to reflect the low bid received on October 14, 2014.	\$370,200.00
Northampton Co. Div. 1 R-2582A STATEWIDE	WBS 34472.2.S1 US 158 from I-95 / NC 46 in Roanoke Rapids to SR 1312 (St. John Church Road) in Northampton County. \$138,626.00 has previously been approved for early acquisition of specific parcels. Additional funds are requested for full right of way authorization.	\$7,901,374.00
Tyrrell Co. Div. 1 R-2545WM STATEWIDE	WBS 35492.4.S2 Palmetto Peartree Preserve (P3) mitigation site. P3 is a NCDOT mitigation site for the federally endangered red-cockaded woodpecker (RCW) Initial funds are needed for project mitigation for management/infrastructure needs.	\$100,000.00
Tyrrell Co. Div. 1 R-2545WM STATEWIDE	WBS 35492.4.S1 Palmetto Peartree Preserve (P3) mitigation site. P3 is a NCDOT mitigation site for the federally endangered red-cockaded woodpecker (RCW). Initial funds are needed for project mitigation for monitoring and to compensate The Conservation Fund (TCF).	\$1,600,000.00
Craven Co. Div. 2 R-4463A REGIONAL	WBS 35601.1.R2 NC 43 Connector from US 17 to US 70. Initial funds are requested for preliminary engineering.	\$200,000.00

**NCDOT December 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Strategic Transportation Investments**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne/ Lenoir Cos. Div. 2, 04 R-2554WM STATEWIDE	WBS 34461.4.S3 Wetland Mitigation - US 70 (Goldsboro Bypass). Initial funds are needed for project mitigation.	\$2,500,000.00
Jones/ Onslow Cos. Div. 2/03 R-2514B STATEWIDE	WBS 34442.2.SU3 US 17 South of Belgrade to North of Maysville. Initial funds are needed for utilities.	\$500,000.00
New Hanover/ Pender Cos. Div. 3 R-3300 STATEWIDE	WBS 40237.4.S1 US 17 Hampstead Bypass from US 17 to US 17 north of Hampstead. \$20,000.00 has previously been approved for project mitigation. Additional funds are requested.	\$20,000.00
Sampson Co. Div. 3 R-2303E STATEWIDE	WBS 34416.1.S1 NC 24 from US 421 - 701 / SR 1296 (Sunset Avenue) to west of SR 1920 (Moltonville Road). Initial funds are requested for preliminary engineering.	\$300,000.00
Sampson Co. Div. 3 R-2303F STATEWIDE	WBS 34416.1.S2 NC 24 from west of SR 1920 (Moltonville Road) in Sampson County to I-40 in Duplin County. Initial funds are requested for preliminary engineering.	\$300,000.00

**NCDOT December 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Strategic Transportation Investments**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland Co. Div. 6 U-2519AB STATEWIDE	WBS 34817.1.S6 Fayetteville Outer Loop from south of SR 1118 (Parkton Road) to south of SR 1003 (Camden Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Robeson Co. Div. 6 U-2519AA STATEWIDE	WBS 34817.1.S5 Fayetteville Outer Loop from I-95 to south of SR 1118 (Parkton Road) in Robeson County. Initial funds are requested for preliminary engineering.	\$500,000.00
Guilford Co. Div. 7 R-2413CA STATEWIDE	WBS 34429.3.S9 US 220 / Future I-73 at NC 68. Convert at-grade intersection to interchange. Initial funds are requested for construction.	\$150,000.00
Winston- Salem/ Forsyth Co. Div. 9 U-2579D STATEWIDE	WBS 34839.1.S4 Winston-Salem - Northern Beltway (Eastern Section) from US 311 to SR 2211 (Baux Mountain Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Winston- Salem/ Forsyth Co. Div. 9 U-2579E STATEWIDE	WBS 34839.1.S5 Winston-Salem Northern Beltway (Eastern Section) from SR 2211 (Baux Mountain Road) to NC 8. Initial funds are requested for preliminary engineering.	\$500,000.00

**NCDOT December 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Strategic Transportation Investments**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston- Salem/ Forsyth Co. Div. 9 U-2579F STATEWIDE	WBS 34839.1.S6 Winston-Salem Northern Beltway Eastern Section (Future I-74) from NC 8 to east of US 52. Initial funds are requested for preliminary engineering.	\$500,000.00
Rutherfordton/ Rutherford Co. Div. 13 R-2233BB STATEWIDE	WBS 34400.1.S5 US 221 North of US 74 Business to North of SR 1366 (Roper Loop Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Mitchell/ Yancey Cos. Div. 13 R-2519B STATEWIDE	WBS 35609.2.2 US 19 East from NC 80 in Yancey County to multi-lane section west of Spruce Pine in Mitchell County. \$26,697,000.00 has previously been approved for right of way. Additional funds are requested.	\$3,000,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	18 PROJECTS	\$19,941,574.00

**NCDOT December 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Intrastate System**

K-5

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.2.1 SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$7,974,655.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are requested for advanced acquisition of Specific Parcel 910 (Property of Savana Land Company).	\$857,262.00
TRUST FUND INTRASTATE SUMMARY	1 PROJECT	\$857,262.00

**NCDOT December 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Urban Loops**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Greenville/ Pitt Co. Div. 2 R-2250C REGIONAL	WBS 34411.2.U4 NC 11 - 903, Greenville Southwest Bypass from south of SR 1126 (Forlines Road) to US 264 (Greenville Bypass). \$2,100,000.00 has previously been approved for utilities. Funds need to be decreased (\$2,099,592.82).	-\$2,099,592.82
Greenville/ Pitt Co. Div. 2 R-2250C REGIONAL	WBS 34411.2.4 NC 11 - 903, Greenville Southwest Bypass from south of SR 1126 (Forlines Road) to US 264 (Greenville Bypass). \$24,225,000.00 has previously been approved for right of way. Funds need to be decreased (\$24,203,533.66).	-\$24,203,533.66
TRUST FUND URBAN LOOP	2 PROJECTS	-\$26,303,126.48
STRATEGIC TRANSPORTATION INVESTMENTS	18 PROJECTS	\$19,941,574.00
TRUST FUND INTRASTATE SUMMARY	1 PROJECT	\$857,262.00
TRUST FUND URBAN LOOP	2 PROJECTS	-\$26,303,126.48
SUMMARY OF FUNDS	21 PROJECTS	-\$5,504,290.48

**NCDOT December 2014 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.

THERE ARE NO SPECIFIC SPOT SAFETY PROJECTS FOR THIS MONTH'S AGENDA

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Martin Co. R-3826 REGIONAL	34553.4.FRU1, STP-0125(1) NC 125 from SR 1182 (East College Road) to NC 125 northwest of Williamston. Funds are needed for utilities.	\$255,000.00 Cost \$204,000.00 Fed. \$51,000.00 State
Martin Co. R-3826 REGIONAL	34553.4.FR1, STP-0125(1) NC 125 from SR 1182 (East College Road) to NC 125 northwest of Williamston. Funds are needed for right of way.	\$2,400,000.00 Cost \$1,920,000.00 Fed. \$480,000.00 State
Martin Co. R-3826 REGIONAL	34553.1.1, STP-0125(1) NC 125 from SR 1182 (East College Road) to NC 125 northwest of Williamston. \$405,500.00 has previously been approved for preliminary engineering. Funds need to be increased \$350,000.00 based on the latest estimate for final plans.	\$350,000.00 Cost \$280,000.00 Fed. \$70,000.00 State
Martin Co. R-4705 DIVISION	38932.1.FD1, STP-1142(11) SR 1142 (Prison Camp Road) from NC 903 to SR 1182 (East College Road). Funds are needed for preliminary engineering.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Dare Co. SS-4901AQ REGIONAL	44311.1.FR1, HSIP-0345(2) NC 345 between US 64 and SR 1135 (Baumtown Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Dare Co. SS-4901AR STATEWIDE	44310.1.FS1, HSIP-0158(61) US 158 (Croatan Highway) at Juniper Trail and Shoreside Shopping Center. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Gates Co. W-5601V DIVISION	50138.1.FD23, HSIP-1304(14) SR 1304 (Willeyton Road) between SR 1303 (Parker Road) and the Virginia State Line. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Martin Co. W-5601W REGIONAL	50138.1.FR24, HSIP-0011(31) NC 11/42 at NC 903. Funds are needed for preliminary engineering.	\$80,000.00 Cost \$72,000.00 Fed. \$8,000.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Greenville/ Pitt Co. U-3315 DIVISION	35781.3.FD1, STP-0220(72) Stantonsburg Road/Tenth Street Connector from US 13/NC 11 (Memorial Drive) to SR 1702 (Evans Street), 1.447 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 6, 2014. This is a three (3) year cash flow project with \$7,766,667.00 in FFY15, \$7,766,667.00 in FFY16 and \$7,766,666.00 in FFY17.	\$23,300,000.00 Cost \$18,640,000.00 Fed. \$4,660,000.00 State

Bridge

Pamlico Co. B-5129A REGIONAL	42287.3.FR2, BRZ-0304(4) Replace Bridge #24 over the North Prong of the Bay River on NC 304. Funds are needed for construction.	\$2,500,000.00 Cost \$2,000,000.00 Fed. \$500,000.00 State
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Safety

Pitt Co. SS-4902BQ DIVISION	44312.1.FD1, HSIP-1708(11) SR 1708 (Firetower Road) at SR 1704 (14th Street). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Pitt Co. W-5601M REGIONAL	50138.3.FR14, HSIP-0033(15) NC 33 between SR 2255 (Redmond Lane) and US 264 Eastbound Ramps. Funds are needed for construction for milling, widening and resurfacing.	\$812,547.00 Cost \$731,292.00 Fed. \$81,255.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2 (Continued)

Municipal Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Belhaven/ Beaufort Co. B-4500 DIVISION	33733.1.1, BRZ-0210(7) Replace Bridge #324 on Water Street over a tributary to the Pungo River. \$225,310.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$120,964.00 Cost \$96,771.00 Fed. \$24,193.00 Local

Bicycle and Pedestrian

Carteret Co. EB-5500 DIVISION	50016.1.FD1, STPEB-0070(174) US 70 (Arendell Street) from 35th Street to 25th Street. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$20,000.00 Fed. \$5,000.00 State
Craven Co. EB-5501 DIVISION	50017.1.FD1, STPEB-1309(11) SR 1309 (Glenburnie Road) from Elizabeth Avenue to NC 55 (Neuse Boulevard). Funds are needed for preliminary engineering.	\$54,000.00 Cost \$43,200.00 Fed. \$10,800.00 State
New Bern/ Craven Co. EB-5502 DIVISION	50018.1.FD1, STPEB-0055(59) NC 55 (Neuse Boulevard) from NC 55 (1st Street) to SR 1309/SR 1402 (Glenburnie Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Greenville/ Pitt Co. EB-5539 DIVISION	45529.2.F1, TCSP-0220(64) South Tar River Greenway, Phase 3, toward Moye Boulevard in the vicinity of Pitt Memorial Hospital. Funds are needed for full right of way and utilities utilizing Transportation, Community and System Preservation (TCSP) Funds designated for this project.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 Local
Greenville/ Pitt Co. EB-5618 DIVISION	56032.1.FD1, STPEB-0220(68) SR 1702 (Evans Street)/SR 1323 (Arlington Street) and SR 1703 (14th Street)/SR 1707 (Charles Boulevard). Funds are needed for preliminary engineering.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Brunswick/ New Hanover Cos. R-2633 REGIONAL	34491.1.2, STPNHF-0017(1) US 17 (Wilmington Bypass) from south of NC 87 in Brunswick County to I-40 in New Hanover County. Funds are needed for preliminary engineering for landscape design.	\$56,000.00 Cost \$44,800.00 Fed. \$11,200.00 State

Safety

Brunswick Co. SS-4903BR REGIONAL	44315.1.FR1, HSIP-0179(5) NC 179/NC 904 at NC 904 (Causeway Drive)/SR 1184 (Ocean Isle Beach Road). Funds are needed for preliminary engineering.	\$80,000.00 Cost \$72,000.00 Fed. \$8,000.00 State
Duplin Co. SS-4903BS DIVISION	44314.1.FD1, HSIP-1300(15) SR 1300 (Wards Bridge Road) at SR 1301 (Bowden Road). Funds are needed for preliminary engineering.	\$6,835.00 Cost \$6,152.00 Fed. \$683.00 State
Onslow Co. SS-4903BT DIVISION	44316.1.FD1, HSIP-2360(3) SR 2360 (Lejeune Boulevard) Access Road. Funds are needed for preliminary engineering.	\$1,800.00 Cost \$1,620.00 Fed. \$180.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pender Co. SS-4903BQ REGIONAL	44313.1.FR1, HSIP-0421(85) US 421 at NC 11/53. Funds are needed for preliminary engineering.	\$8,961.00 Cost \$8,065.00 Fed. \$896.00 State

Bicycle and Pedestrian

New Hanover Co. EB-5543 DIVISION	45846.1.1, HPP-1403(14) SR 1403 (Middle Sound Loop Road) from Ogden Elementary School to SR 1986 (Oyster Drive). \$48,674.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$36,918.00 Cost \$29,534.00 Fed. \$7,384.00 Local
Jacksonville/ Onslow Co. EB-4705 DIVISION	40235.3.FD4, STPEB-0314(8) Intersection of Lejeune Boulevard and Montford Point Road (Beirut Memorial) to the intersection of Lejeune Boulevard and Camp Knox Road and west to Scales Creek. Funds are needed for construction for 10-foot wide asphalt greenway. Project is subject to FHWA approval.	\$1,550,000.00 Cost \$1,240,000.00 Fed. \$310,000.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Johnston Co. R-3825B REGIONAL	34552.1.FR3, STP-0042(58) NC 42 from east of SR 1902 (Rocky Branch Road) to SR 1003 (Buffaloe Road). Funds are needed for preliminary engineering.	\$350,000.00 Cost \$280,000.00 Fed. \$70,000.00 State

Bridge

Halifax Co. B-4761 REGIONAL	38533.1.1, BRSTP-0561(18) Replace Bridge #29 over Little Fishing Creek on NC 561. \$240,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$110,000.00 Cost \$88,000.00 Fed. \$22,000.00 State
Wilson Co. B-4681 DIVISION	38465.1.2, BRZ-1531(5) Replace Bridge #119 over Little Contentnea Creek on SR 1531. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 State

Safety

Johnston SS-4904DF REGIONAL	44318.1.FR1, HSIP-1007(29) SR 1007 (Brogdon Road) at Bridge #460, NC 42 at Bridge #45 and NC 27 at Bridge #71 (Harnett/Johnston County Line). Funds are needed for preliminary engineering.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
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**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Johnston Co. W-5204B DIVISION	45334.2.FD2, HSIP-1700(14) SR 1700 (Covered Bridge Road) from SR 1709 (City Street) to SR 1768 (Smith Drive). Funds are needed for full right of way and utilities.	\$140,000.00 Cost \$126,000.00 Fed. \$14,000.00 State
Nash Co. SS-4904DG DIVISION	44317.1.FD1, HSIP-1714(5) SR 1714 (Bethlehem Road) between SR 1544 (Halifax Road) and 1900-feet east of SR 1544 (Halifax Road). Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
Wayne Co. SS-4904DE STATEWIDE	44319.1.FS1, HSIP-0070(185) US 70 at NC 581, NC 581 at SR 2075 (Ashe Street) and NC 581 Connector. Funds are needed for preliminary engineering.	\$7,500.00 Cost \$6,750.00 Fed. \$750.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. I-5338 STATEWIDE	46157.1.1, IMS-040-4(147)298 I-40/US 64 from west of SR 1319 (Jones-Franklin Road) to east of I-440/US 64 (Exit 301). \$3,092,341.00 has previously been approved for preliminary engineering. Funds need to be increased \$130,000.00 for landscape design.	\$130,000.00 Cost \$104,000.00 Fed. \$26,000.00 State

Surface Transportation

Franklin Co. R-2814D REGIONAL	34506.1.FR5, STP-0401(256) US 401 from SR 1103 to SR 1700 (Fox Park Road) in Louisburg. Funds are needed for preliminary engineering.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
Person Co. R-2241B REGIONAL	34406.1.FR2, STP-0501(37) US 501 from SR 1521 (Mountain Road) to SR 1329 (Old NC 501). Funds are needed for preliminary engineering.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State
Person Co. R-2241C REGIONAL	34406.1.FR3, STP-0501(38) US 501 from SR 1329 (Old NC 501) to north of the Virginia State Line. Funds are needed for preliminary engineering.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. R-2814C REGIONAL	34506.2.FR7, STP-0401(249) US 401 from NC 96 to SR 1103 (Fleming Road). Funds are needed for right of way.	\$2,785,000.00 Cost \$2,228,000.00 Fed. \$557,000.00 State
Wake Co. R-2814C REGIONAL	34506.2.FRU7, STP-0401(249) US 401 from NC 96 to SR 1103 (Fleming Road). Funds are needed for utilities.	\$880,000.00 Cost \$704,000.00 Fed. \$176,000.00 State

Congestion Mitigation

Louisburg/ Franklin Co. C-5568 EXEMPT	50105.1.F1, CMS-0514(5) Construct sidewalk at Bickett Boulevard, Wade Avenue and East Nash Street. Funds are needed for preliminary engineering.	\$70,000.00 Cost \$56,000.00 Fed. \$14,000.00 Local
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Enhancement

Cary/ Wake Co. EL-5100GG DIVISION	41821.1.17, STPDA-0503(24) Old Reedy Creek Road Trailhead Study. \$80,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$3,700.00 Cost \$2,590.00 Fed. \$1,110.00 Local
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**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cary/ Wake Co. U-5501 DIVISION	45488.1.1, STPDA-1650(5) SR 1650 (Reedy Creek Road) from NC 54 to SR 1652 (Harrison Avenue). \$160,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$400,000.00 Cost \$200,000.00 Fed. \$200,000.00 Local
Apex/ Wake Co. U-5530AA DIVISION	44111.3.F7, STPDA-0501(32) Old Raleigh Road from Lake Pine Drive to the Cary Town Limits. Funds are needed for construction for bicycle and pedestrian lanes, paths and facilities.	\$175,000.00 Cost \$140,000.00 Fed. \$35,000.00 Local

Safety

Durham Co. SS-4905CO REGIONAL	44321.1.FR1, HSIP-0015(46) US 15/501 Business (Mangum Street) at SR 1365 (Morehead Avenue). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Vance Co. W-5205T REGIONAL	45335.2.FR21, HSIP-0039(9) NC 39 at SR 1519 (Gillburg Road). Funds are needed for full right of way and utilities.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

**NCDOT December 2014 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. SS-4905CN DIVISION	44320.1.FD1, HSIP-2036(3) SR 2036 (New Hope Road) north of SR 2215 (Buffaloe Road). Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Bladen Co. R-4903 STATEWIDE	40226.3.FS1, NHF-0087(15) NC 87 at US 701 Intersection, 1.088 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 6, 2014. This is a three (3) year cash flow project with \$5,033,334.00 in FFY15, \$5,033,333.00 in FFY16 and \$5,033,333.00 in FFY17.	\$15,100,000.00 Cost \$12,080,000.00 Fed. \$3,020,000.00 State

Bridge

Bladen Co. B-5117 REGIONAL	42258.3.FR1, BRSTP-0210(19) Replace Bridge #47 over Lake Creek on NC 210, 0.388 miles. \$1,500,000.00 has previously been approved for construction. Funds need to be increased \$468,767.00 to reflect the low bid received on August 19, 2014.	\$468,767.00 Cost \$375,014.00 Fed. \$93,753.00 State
Harnett Co. B-4138A REGIONAL	33490.3.FR2, BRSTP-0401(255) Bridge #46 over Cape Fear River on US 401 in Lillington. Funds are needed for construction to install 5-foot sidewalk on the western side of NC 210/US 401/NC 27 starting at Highway 421 (Front Street) along NC 210 North to approximately 1700-feet past the Cape Fear Bridge.	\$529,000.00 Cost \$423,200.00 Fed. \$105,800.00 Local

Safety

Harnett Co. W-5206Q REGIONAL	45336.3.FR17, HSIP-0210(29) NC 210 from SR 2047 (Hayes Road) to SR 2048 (Bethal Baptist Road). Funds are needed for construction for widening and paved shoulders.	\$1,100,000.00 Cost \$990,000.00 Fed. \$110,000.00 State
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**NCDOT December 2014 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-5601P REGIONAL	50138.3.FR17, HSIP-0401(264) US 401/US 421/NC 27/NC 210 (Main Street) at Harnett Street in Lillington. Funds are needed for construction for installation of concrete crossovers.	\$97,000.00 Cost \$87,300.00 Fed. \$9,700.00 State
Harnett Co. W-5601P REGIONAL	50138.1.FR17, HSIP-0401(264) US 401/US 421/NC 27/NC 210 (Main Street) at Harnett Street in Lillington. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
Robeson Co. SS-4906CC REGIONAL	44323.1.FR1, HSIP-0501(39) NC 501/NC 130 south of SR 1131 (Midway Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$20,000.00 Fed. \$5,000.00 State
Robeson Co. SS-4906CD REGIONAL	44322.1.FR1, HSIP-0072(7) NC 72 at SR 1515 (Union Chapel Road). Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Robeson Co. W-5206AL DIVISION	45336.2.FD38, HSIP-1004(58) SR 1004 (Tarheel Road) between SR 1971 (Denmark Road) and SR 1972 (Musselwhite Road) east of SR 1969 (Smith Road) and Bridges #46 and #50. Funds are needed for full right of way and utilities.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co.	34483.3.FS3, CMNHF-0421(84)	\$69,744.00 Cost
R-2612A(L)	US 421 at SR 3389 (Woody Mill Road) south of Greensboro.	\$55,795.00 Fed.
STATEWIDE	Funds are needed for construction for landscaping.	\$13,949.00 State

Urban

Mebane/ Alamance Co.	34900.2.FRU4, STP-0119(9)	\$2,567,000.00 Cost
U-3109A	NC 119 Relocation from I-40/85 to Mebane Rogers Road.	\$2,053,600.00 Fed.
REGIONAL	Funds are needed for utilities.	\$513,400.00 State
Mebane/ Alamance Co.	34900.2.FR4, STP-0119(9)	\$36,144,899.00 Cost
U-3109A	NC 119 Relocation from I-40/85 to Mebane Rogers Road.	\$28,915,919.00 Fed.
REGIONAL	Funds are needed for right of way.	\$7,228,980.00 State
Mebane/ Alamance Co.	34900.1.FR3, STP-0119(11)	\$500,000.00 Cost
U-3109B	NC 119 Relocation from north of US 70 to south of SR 1918	\$400,000.00 Fed.
REGIONAL	(Mrs. White Road). Funds are needed for preliminary engineering.	\$100,000.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Alamance Co. B-5342 DIVISION	46056.2.FD1, BRSTP-1148(5) Replace Bridge #169 over Gum Creek on SR 1148. Funds are needed for full right of way and utilities.	\$233,000.00 Cost \$186,400.00 Fed. \$46,600.00 State

Safety

Guilford Co. SS-4907BH DIVISION	44325.1.FD1, HSIP-1113(10) SR 1113 (Kivett Drive) at Dillon Road/Triangle Lake Road in High Point. Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,250.00 Fed. \$250.00 State
Orange Co. SS-4907BI DIVISION	44324.1.FD1, HSIP-1005(36) SR 1005 (Old Greensboro Road) from SR 1942 (Jones Ferry Road). Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Richmond Co. R-3421A STATEWIDE	34542.1.FR4, NHF-0220(75) US 220 Bypass from US 74 Bypass west of Rockingham at SR 1109 (Zion Church Road) Interchange to south of SR 1140 (Old Charlotte Highway). Funds are needed for preliminary engineering.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State

Safety

Hoke Co. SS-4908AQ REGIONAL	44328.1.FR1, HSIP-0211(37) NC 211 at SR 1105 (Old Wire Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Lee Co. SS-4908AP STATEWIDE	44326.1.FS1, HSIP-0087(33) NC 87 from the Harnett County Line to the Sanford Bypass. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Moore Co. SS-4908AS STATEWIDE	44329.1.FS1, HSIP-0001(146) US 1 from SR 1309 (Morganton Road) to SR 2025 (Causey Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Randolph Co. SS-4908AR STATEWIDE	44327.1.FS1, HSIP-085-3(216)109 I-85 at SR 1009 (Main Street). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Richmond Co. SS-4908AT REGIONAL	44330.1.FR1, HSIP-0074(166) US 74 Business at SR 1641 (Clemmer Road). Funds are needed for preliminary engineering.	\$7,000.00 Cost \$6,300.00 Fed. \$700.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Lexington/ Davidson Co. C-5208 EXEMPT	48019.3.F1, CMS-0911(17) Heavy Duty Hybrid Refuse Truck. Funds are needed for construction.	\$355,000.00 Cost \$284,000.00 Fed. \$71,000.00 Local

Enhancement

Davidson Co. B-4497(L) REGIONAL	38391.3.FR1, BRSTP-0064(173) Bridge #39 over US 29-70/I-85 Business on US 64. Funds are needed for construction for landscaping.	\$31,638.00 Cost \$25,310.00 Fed. \$6,328.00 State
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Urban

Winston- Salem/ Forsyth Co. U-4909 DIVISION	40278.1.1, STP-2643(2) SR 2643 (Union Cross Road) from SR 2691 (Wallburg Road) to SR 2632 (Sedge Garden Road). \$3,575,488.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$15,000.00 Cost \$12,000.00 Fed. \$3,000.00 State
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Bridge

Davidson Co. B-4741 DIVISION	38514.3.FD1, BRZ-1493(2) Replace Bridge #38 over Muddy Creek on SR 1493, 0.303 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 6, 2014.	\$2,100,000.00 Cost \$1,680,000.00 Fed. \$420,000.00 State
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**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Charlotte/ Mecklenburg Co. U-5507A DIVISION	45477.2.F1, STPDA-1003(112) I-485/Prosperity Church Road Interchange. \$1,608,800.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$1,208,425.00). The municipality has incurred fewer costs than anticipated on the right of way phase.	-\$1,208,425.00 Cost -\$966,740.00 Fed. -\$241,685.00 Local

Safety

Mecklenburg Co. SS-4910BU DIVISION	44331.1.FD1, HSIP-3135(6) SR 3135 (Lebanon Road) and SR 3156 (Margaret Wallace Road). Funds are needed for preliminary engineering.	\$24,000.00 Cost \$21,600.00 Fed. \$2,400.00 State
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Bicycle and Pedestrian

Charlotte/ Mecklenburg Co. EB-4714 DIVISION	38667.3.FD1, STPEB-1003(115) Irwin Creek Bikeway from Irwin Avenue Elementary School to Cedar Yard (near Bank of America Stadium). Funds are needed for construction for a multi-use trail.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State
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**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Ashe Co. R-2915C REGIONAL	34518.2.FRU3, STP-0221(41) US 221 from north of South Fork New River to south of NC 194. Funds are needed for utilities.	\$720,000.00 Cost \$576,000.00 Fed. \$144,000.00 State
Ashe Co. R-2915C REGIONAL	34518.2.FR3, STP-0221(41) US 221 from north of South Fork New River to south of NC 194. Funds are needed for right of way.	\$15,000,000.00 Cost \$12,000,000.00 Fed. \$3,000,000.00 State
Ashe Co. R-2915E REGIONAL	34518.1.FR6, STP-0221(45) US 221 from US 221 Bypass to US 221 Business/NC 88 in Jefferson. Funds are needed for preliminary engineering.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State

Safety

Ashe Co. SS-4911AF REGIONAL	44332.1.FR1, HSIP-0088(7) NC 88/194 from 0.13 miles north of SR 1131 (Buffaloe Road) to 0.2 miles north of SR 1507 (Stanley Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Avery Co. SS-4911AE REGIONAL	44333.1.FR1, HSIP-0184(23) NC 184 from SR 1363 (Tumbling Brook Road) to Sunset Strip. Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

Bicycle and Pedestrian

Surry Co. EB-5014 DIVISION	45522.3.FD1, STPEB-1117(15) Mount Airy Greenway Loop. Funds are needed for construction for a greenway connector from Emily B. Taylor Greenway to Ararat River Greenway.	\$1,830,000.00 Cost \$1,464,000.00 Fed. \$366,000.00 State
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**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cleveland Co. R-2707C STATEWIDE	34497.2.FSU4, NHF-0074(152) US 74 Bypass from west of NC 226 to west of NC 150. Funds are needed for utilities.	\$1,900,000.00 Cost \$1,520,000.00 Fed. \$380,000.00 State
Cleveland Co. R-2707C STATEWIDE	34497.2.FS9, NHF-0074(152) US 74 Bypass from west of NC 226 to west of NC 150. \$1,300,000.00 has previously been approved for right of way. Funds need to be increased \$12,879,747.00 for full right of way.	\$12,879,747.00 Cost \$10,303,798.00 Fed. \$2,575,949.00 State
Cleveland Co. R-2707E STATEWIDE	34497.1.FS7, NHS-0074(165) US 74 west of SR 2238 (Long Branch Road) to west of SR 1001 (Stoney Point Road). Funds are needed for preliminary engineering.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State
Iredell Co. K-4908 STATEWIDE	39894.2.FSU2, IMS-077-1(177)39 I-77 Rest Area on New Location at Mile Marker 58. Funds are needed for utilities.	\$2,671,114.00 Cost \$2,136,891.00 Fed. \$534,223.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12 (Continued)

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Catawba Co. R-3100A REGIONAL	34522.2.FRU6, STP-0016(52) NC 16 from SR 1895 (North Tower Road) to SR 1801 (Claremont Road). Funds are needed for utilities.	\$1,600,000.00 Cost \$1,280,000.00 Fed. \$320,000.00 State
Catawba Co. R-3100A REGIONAL	34522.2.FR6, STP-0016(52) NC 16 from SR 1895 (North Tower Road) to SR 1801 (Claremont Road). Funds are needed for right of way.	\$8,500,000.00 Cost \$6,800,000.00 Fed. \$1,700,000.00 State
Catawba Co. R-3100B REGIONAL	34522.2.FRU4, STP-0016(53) NC 16 to north of SR 1801 (Claremont Road) and north of SR 1814 (Caldwell Road). Funds are needed for utilities.	\$2,550,000.00 Cost \$2,040,000.00 Fed. \$510,000.00 State
Catawba Co. R-3100B REGIONAL	34522.2.FR4, STP-0016(53) NC 16 to north of SR 1801 (Claremont Road) and north of SR 1814 (Caldwell Road). Funds are needed for right of way.	\$3,000,000.00 Cost \$2,400,000.00 Fed. \$600,000.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mount Holly/ Gaston Co. U-3633 REGIONAL	37649.2.FRU1, STP-0273(1) NC 273 (South Main Street) from Tuckaseege Road at Beatty Drive to Highland Street. Funds are needed for utilities.	\$1,350,000.00 Cost \$1,080,000.00 Fed. \$270,000.00 State
Mount Holly/ Gaston Co. U-3633 REGIONAL	37649.2.FR1, STP-0273(1) NC 273 (South Main Street) from Tuckaseege Road at Beatty Drive to Highland Street. Funds are needed for right of way.	\$2,500,000.00 Cost \$2,000,000.00 Fed. \$500,000.00 State

Safety

Cleveland Co. SS-4912BI REGIONAL	44334.1.FR1, HSIP-0226(23) NC 226 (Polkville Road) between Grag Drive and Lester Lane. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Cleveland Co. SS-4912BJ STATEWIDE	44335.1.FS1, HSIP-0074(167) US 74 at SR 2245 (Bethlehem Road). Funds are needed for preliminary engineering.	\$7,000.00 Cost \$6,300.00 Fed. \$700.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. W-5601R REGIONAL	50138.1.FR19, HSIP-0274(8) NC 274 from SR 1443 (Dameron Road) to SR 1405 (Ramseur Road). Funds are needed for preliminary engineering.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
Gaston Co. W-5601T STATEWIDE	50138.1.FS21, HSIP-0321(34) US 321 Business at SR 1607 (Ike Lynch/Hardin Road). Funds are needed for preliminary engineering.	\$90,000.00 Cost \$81,000.00 Fed. \$9,000.00 State
Iredell Co. W-5601S REGIONAL	50138.1.FR20, HSIP-0021(21) US 21/US 64 (Davie Avenue) at US 21 (Sullivan) and East End/Stockton and SR 2321 (Broad Street) at SR 2422 (Signal Hill Drive). Funds are needed for preliminary engineering.	\$8,000.00 Cost \$7,200.00 Fed. \$800.00 State
Iredell Co. W-5601U REGIONAL	50138.1.FR22, HSIP-0150(38) NC 150 at NC 152 (Western Intersection). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State

**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Lincoln Co. W-5601Q REGIONAL	50138.1.FR18, HSIP-0016(60) NC 16 Business at SR 1394 (North Pilot Knob Road) and SR 1393 (Hagers Ferry Road) at SR 1394 (North Pilot Knob Road). Funds are needed for preliminary engineering.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State

Municipal Bridge

Hickory/ Catawba Co. B-5549 DIVISION	55047.2.F1, BRSTP-1216(21) Replace Bridge #327 over Falling Creek on Falling Creek Road. Funds are needed for full right of way and utilities.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 Local
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**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. I-5213G STATEWIDE	47059.3.FS8, IMPP-0240(6)0 I-26 from NC 146 to NC 280. Funds are needed for construction for concrete slab repair.	\$160,000.00 Cost \$128,000.00 Fed. \$32,000.00 State
Buncombe Co. I-5321 STATEWIDE	46267.3.FS1, NHPP-026-1(196)4 Future I-26 from SR 1733 (Clark Chapel Road) to SR 1781 (Broadway Street), 7.470 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 6, 2014.	\$9,400,000.00 Cost \$7,520,000.00 Fed. \$1,880,000.00 State
Buncombe Co. I-5608 STATEWIDE	45830.3.FS1, IMPP-0240(5) Interstate Maintenance Preservation Program. I-240 from I-40/ I-26 to SR 1781 (Broadway Street), 5.300 miles. \$5,800,000.00 has previously been approved for construction. Funds need to be decreased (\$72,814.00) to reflect the low bid received on September 16, 2014.	-\$72,814.00 Cost -\$58,251.00 Fed. -\$14,563.00 State

Urban

Asheville/ Buncombe Co. U-3301 REGIONAL	34909.2.FR2, STP-0063(1) NC 63 (Leicester Highway) from SR 1615 (Gilbert Road) to west of SR 1004 (Newfound Road), 4.300 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published October 6, 2014. This is a three (3) year cash flow project with \$8,666,666.00 in FFY15, \$8,666,667.00 in FFY16 and \$8,666,667.00 in FFY17. This is a Design-Build Project.	\$26,000,000.00 Cost \$20,800,000.00 Fed. \$5,200,000.00 State
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**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Asheville/ Buncombe Co. U-3301 REGIONAL	34909.3.FR1, STP-0063(1) NC 63 (Leicester Highway) from SR 1615 (Gilbert Road) to west of SR 1004 (Newfound Road). Funds are needed for right of way. This is a Design-Build Project.	\$6,500,000.00 Cost \$5,200,000.00 Fed. \$1,300,000.00 State
Asheville/ Buncombe Co. U-3301 REGIONAL	34909.3.FRU1, STP-0063(1) NC 63 (Leicester Highway) from SR 1615 (Gilbert Road) to west of SR 1004 (Newfound Road). Funds are needed for utilities. This is a Design-Build Project.	\$3,100,000.00 Cost \$2,480,000.00 Fed. \$620,000.00 State

Safety

Buncombe Co. SS-4913BV REGIONAL	44336.1.FR1, HSIP-0125A(4) US 25A (Sweeten Creek Road) at SR 3116 (Mills Gap Road) in Asheville. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
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**NCDOT December 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Henderson Co. BP-5500BB STATEWIDE	50070.3.FS28, NHPP-026-1(197)25 Bridge Preservation Program. Bridge #30 on I-26 over SR 1834 (Macedonia Road). \$1,258,000.00 has previously been approved for construction. Funds need to be decreased (\$608,000.00).	-\$608,000.00 Cost -\$486,400.00 Fed. -\$121,600.00 State
Swain Co. BP-5500DD STATEWIDE	50070.3.FS30, NHPP-0019(48) Bridge Preservation Program. Bridge #13 and Bridge #16 on US 19/74 over Alarka Creek. \$1,727,000.00 has previously been approved for construction. Funds need to be decreased (\$627,000.00).	-\$627,000.00 Cost -\$501,600.00 Fed. -\$125,400.00 State

Safety

Cherokee Co. SS-4914BX DIVISION	44337.1.FD1, HSIP-1548(4) SR 1548 (Old US 64) from US 64 to the Clay County Line near Brasstown. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
Transylvania/ Henderson Cos. SS-4914BY REGIONAL	44338.1.FR1, HSIP-0280(9) NC 280 from SR 1510 (Hudlin Gap Road) in Transylvania County to SR 1332 (Presbyterian Church Road) in Henderson County. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State

ITEM M SUMMARY - 109 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$199,074,593.00

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 7

* U-5549	VARIOUS, DOWNTOWN ACCESS IMPROVEMENTS IN	CONSTRUCTION	FY 2016 -	\$125,000	(STPDA)
ORANGE	HILLSBOROUGH. CONSTRUCT CURB RELOCATIONS		FY 2016 -	<u>\$31,000</u>	(L)
PROJ.CATEGORY	AND ADA-COMPLIANT INTERSECTION IMPROVEMENTS,			\$156,000	
DIVISION	AND REMOVE ON-STREET PARKING.				

PROJECT ADDED AT REQUEST OF MPO.

* U-5550	US 15 / US 501 (FORDHAM BOULEVARD), SR 1742	CONSTRUCTION	FY 2018 -	<u>\$2,170,000</u>	(NHP)
ORANGE	(EPHESUS CHURCH ROAD) IN CHAPEL HILL.			\$2,170,000	
PROJ.CATEGORY	INTERSECTION IMPROVEMENTS.				
STATEWIDE	<u>PROJECT ADDED TO SCHEDULE STI STATEWIDE</u>				
	<u>MOBILITY FUNDS PER PRIORITIZATION, TO REFLECT</u>				
	<u>REIMBURSEMENT FOR PROPOSED ACCELERATED</u>				
	<u>DELIVERY BY TOWN.</u>				

DIVISION 13

* B-5869	US 64 US 70, REPLACE BRIDGE NO. 99 OVER	RIGHT-OF-WAY	FY 2020 -	\$300,000	(NHPB)
BURKE	SOUTHERN RAILROAD.	CONSTRUCTION	FY 2021 -	\$3,350,000	(NHPB)
PROJ.CATEGORY	<u>PROJECT ADDED TO STIP.</u>		FY 2022 -	<u>\$3,350,000</u>	(NHPB)
REGIONAL				\$7,000,000	

* EB-5547	NEW ROUTE, CONSTRUCT NEW MULTI-USE PATH	ENGINEERING	FY 2016 -	\$40,000	(STPDA)
BUNCOMBE	FROM EXISTING FLAT CREEK GREENWAY TRAILHEAD		FY 2016 -	\$10,000	(L)
PROJ.CATEGORY	NEAR STATE STREET AND CHARLOTTE STREET TO	RIGHT-OF-WAY	FY 2016 -	\$80,000	(STPDA)
DIVISION	EXISTING RIVERSIDE GREENWAY NEAR RIVERSIDE		FY 2016 -	<u>\$20,000</u>	(L)
	PARK AND EXTENSION WEST OF NC 9 NEAR EXISTING			\$150,000	
	CULVERT.				
	<u>PROJECT ADDED TO STIP AT THE REQUEST OF THE</u>				
	<u>MPO.</u>				

* U-5547	LYMAN STREET AND PORTIONS OF RIVERSIDE DRIVE,	RIGHT-OF-WAY	FY 2016 -	\$2,440,000	(STPDA)
BUNCOMBE	HILL STREET/I-240 INTERCHANGE TO AMBOY ROAD		FY 2016 -	\$653,000	(TAP)
PROJ.CATEGORY	WITH PORTIONS OF THE ROAD TO BE RE-LOCATED.		FY 2016 -	\$798,000	(L)
DIVISION	CONSTRUCT ON-STREET PARKING, INTERSECTION		FY 2017 -	\$2,440,000	(STPDA)
	AND SIGNAL UPGRADES, RAILROAD CROSSING		FY 2017 -	\$653,000	(TAP)
	IMPROVEMENTS, BRIDGE RE-CONSTRUCTION,		FY 2017 -	<u>\$798,000</u>	(L)
	SIDEWALKS, STREETScape ELEMENTS, TRANSIT			\$7,782,000	
	AMENITIES, AND PARALLEL GREENWAY FACILITIES.				
	<u>PROJECT ADDED TO STIP AT THE REQUEST OF THE</u>				
	<u>MPO.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, December 04, 2014

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 14

* R-5524C HENDERSON PROJ.CATEGORY DIVISION	SR 3526 AND SR 1419, CONSTRUCT ROUNDABOUT. <u>ADD RIGHT-OF-WAY IN FY 15 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY	FY 2015 - \$40,000 (T) \$40,000
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* U-5548 HAYWOOD PROJ.CATEGORY DIVISION	BROWN AVENUE, REALIGNMENT OF BROWN AVENUE FROM BOYD AVENUE TO APPROXIMATELY 1200 FEET SOUTH OF THE INTERSECTION. PROJECT INCLUDES CONSTRUCTION OF NEW ROADWAY (SCHOOL STREET), RAISED CROSSWALK, PAINTED CROSSWALKS, REFUGE ISLAND, BULBOUT AND SIGNAGE. <u>PROJECT ADDED TO STIP AT THE REQUEST OF THE MPO.</u>	ENGINEERING CONSTRUCTION	FY 2016 - \$40,000 (STPDA) FY 2016 - \$10,000 (L) FY 2016 - \$400,000 (STPDA) FY 2016 - \$100,000 (L) \$550,000
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STATEWIDE

* C-5571 STATEWIDE PROJ.CATEGORY EXEMPT	NORTH CAROLINA RAILROAD, NCDOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM. <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>	IMPLEMENTATION	FY 2015 - \$819,000 (CMAQ) FY 2016 - \$818,000 (CMAQ) \$1,637,000
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STIP MODIFICATIONS

DIVISION 1

F-5501 CURRITUCK PROJ.CATEGORY DIVISION	SR 1242 (COURTHOUSE ROAD), CURRITUCK WELCOME CENTER. REPLACEMENT. <u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW ADDITIONAL TIME TO COORDINATE WITH FACILITIES DESIGN.</u>	CONSTRUCTION	FY 2015 - \$1,400,000 (DP) FY 2015 - \$350,000 (T) \$1,750,000
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DIVISION 2

EB-5501 CRAVEN PROJ.CATEGORY DIVISION	SR 1309 (GLENBURNIE ROAD), ELIZABETH AVENUE TO NC 55 (NEUSE BOULEVARD) IN NEW BERN. CONSTRUCT MULTI-USE PATH. <u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 TO ALLOW ADDITIONAL TIME FOR MUNICIPALITY.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - \$5,000 (STPEB) FY 2015 - \$455,000 (STPEB) \$460,000
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 2

EB-5502 CRAVEN PROJ.CATEGORY REGIONAL	NC 55 (NEUSE BOULEVARD), NC 55 (1ST STREET) TO SR 1309/SR 1402 (GLENBURNIE ROAD) IN NEW BERN. CONSTRUCT SIDEWALK. <u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 TO ALLOW ADDITIONAL TIME FOR MUNICIPALITY.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - FY 2015 -	\$5,000 (STPEB) <u>\$425,000 (STPEB)</u> \$430,000
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DIVISION 4

B-4681 WILSON PROJ.CATEGORY DIVISION	SR 1531 (EAGLE'S CROSS ROAD), REPLACE BRIDGE NO. 119 OVER LITTLE CONTENTNEA CREEK. <u>ACCELERATE CONSTRUCTION FROM FY 16 TO FY 15 DUE TO COMPLETION OF PLANS AHEAD OF SCHEDULE.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - FY 2015 -	\$50,000 (HFB) <u>\$500,000 (HFB)</u> \$550,000
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C-5548 NASH PROJ.CATEGORY EXEMPT	ROCKY MOUNT, BENVENUE STREET, TARBORO STREET, FALLS ROAD, FRANKLIN STREET, LEGETT ROAD, AND CHURCH STREET. CONSTRUCT SIDEWALKS. <u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW MUNICIPALITY ADDITIONAL TIME TO COMPLETE DESIGN.</u>	CONSTRUCTION	FY 2015 - FY 2015 -	\$338,000 (CMAQ) \$84,000 (L) \$422,000
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W-5331 WILSON PROJ.CATEGORY REGIONAL	NC 58, SOUTH OF SR 1626 (FAIRFIELD DAIRY ROAD) NORTHWARD ONE MILE. CONSTRUCT LEFT TURN LANE AT SR 1626, OVERLAY WITH FRICTION COURSE, RE-STRIPE WITH THERMOPLASTIC MARKINGS AND INSTALL CENTERLINE PAVEMENT MARKINGS. <u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW ADDITIONAL TIME TO REEVALUATE SCOPE.</u>	CONSTRUCTION	FY 2015 -	\$320,000 (HSIP) \$320,000
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

* I-0914BA WARREN VANCE PROJ.CATEGORY STATEWIDE	I-85, SOUTH OF US 158 IN VANCE COUNTY TO NORTH OF SR 1237 (MANSON ROAD) IN WARREN COUNTY <u>CONSTRUCTION TO BE FUNDED USING GARVEE BONDS (NO CHANGE IN SCHEDULE).</u>	CONSTRUCTION	FY 2015 - \$3,258,000 (NHP) FY 2015 - \$4,167,000 (S(M)) FY 2016 - \$3,258,000 (NHP) FY 2016 - \$4,167,000 (S(M)) FY 2017 - \$3,258,000 (NHP) FY 2017 - \$4,167,000 (S(M)) FY 2018 - \$3,258,000 (NHP) FY 2018 - \$4,166,000 (S(M))	
		GARVEE CONSTR	FY 2015 - \$5,125,000 (NHP) FY 2016 - \$5,125,000 (NHP) FY 2017 - \$5,125,000 (NHP) FY 2018 - \$5,125,000 (NHP) FY 2019 - \$5,125,000 (NHP) FY 2020 - \$5,125,000 (NHP) FY 2021 - \$5,125,000 (NHP) FY 2022 - \$5,125,000 (NHP) FY 2023 - \$5,125,000 (NHP) FY 2024 - \$5,125,000 (NHP) FY 2025 - \$5,125,000 (NHP) POST YR. - \$5,125,000 (NHP)	
			\$91,199,000	

* I-0914BB WARREN PROJ.CATEGORY STATEWIDE	I-85, NORTH OF SR 1237 (MANSON ROAD) TO VIRGINIA STATE LINE <u>CONSTRUCTION TO BE FUNDED USING GARVEE BONDS (NO CHANGE IN SCHEDULE).</u>	CONSTRUCTION	FY 2015 - \$5,792,000 (NHP) FY 2015 - \$2,083,000 (S(M)) FY 2016 - \$5,792,000 (NHP) FY 2016 - \$2,083,000 (S(M)) FY 2017 - \$5,792,000 (NHP) FY 2017 - \$2,083,000 (S(M)) FY 2018 - \$5,792,000 (NHP) FY 2018 - \$2,083,000 (S(M))	
		GARVEE CONSTR	FY 2015 - \$2,562,000 (NHP) FY 2016 - \$2,562,000 (NHP) FY 2017 - \$2,562,000 (NHP) FY 2018 - \$2,562,000 (NHP) FY 2019 - \$2,562,000 (NHP) FY 2020 - \$2,562,000 (NHP) FY 2021 - \$2,562,000 (NHP) FY 2022 - \$2,562,000 (NHP) FY 2023 - \$2,562,000 (NHP) FY 2024 - \$2,562,000 (NHP) FY 2025 - \$2,562,000 (NHP) POST YR. - \$2,562,000 (NHP)	
			\$62,244,000	

* INDICATES FEDERAL AMENDMENT

Thursday, December 04, 2014

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

* U-4726	DCHC URBAN AREA BICYCLE AND PEDESTRIAN	ENGINEERING	FY 2015 -	\$204,000	(STPDA)
CHATHAM	ALLOCATION.		FY 2015 -	\$51,000	(L)
ORANGE	<u>ADD ENGINEERING IN FY 15 AND CONSTRUCTION IN FY 15 AND FY 16 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2015 -	\$1,624,000	(STPDA)
DURHAM			FY 2015 -	\$406,000	(L)
PROJ.CATEGORY			FY 2016 -	\$353,000	(STPDA)
DIVISION			FY 2016 -	\$88,000	(L)
					\$2,726,000

U-5501	SR 1650 (REEDY CREEK ROAD), NC 54 (NE MAYNARD	RIGHT-OF-WAY	FY 2018 -	\$500,000	(L)
WAKE	ROAD) TO SR 1652 (HARRISON AVENUE) IN CARY.	CONSTRUCTION	FY 2019 -	\$6,000,000	(L)
PROJ.CATEGORY	WIDEN TO MULTI-LANES, TO INCLUDE PEDESTRIAN			\$6,500,000	
DIVISION	AND SAFETY ENHANCEMENTS.				
	<u>ADD RIGHT-OF-WAY IN FY 18 AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF MPO.</u>				

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 -	\$5,858,000	(S(M))	
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 16 AND CONSTRUCTION FROM UNFUNDED TO FY 16 AS A DESIGN BUILD GARVEE PROJECT. PROJECT FUNDED IN THE STI STATEWIDE CATEGORY.</u>		FY 2017 -	\$5,858,000	(S(M))	
STATEWIDE			FY 2018 -	\$5,859,000	(S(M))	
			GARVEE CONSTR	FY 2016 -	\$5,404,000	(NHP)
				FY 2017 -	\$5,404,000	(NHP)
				FY 2018 -	\$5,404,000	(NHP)
				FY 2019 -	\$5,404,000	(NHP)
				FY 2020 -	\$5,404,000	(NHP)
				FY 2021 -	\$5,404,000	(NHP)
				FY 2022 -	\$5,404,000	(NHP)
				FY 2023 -	\$5,404,000	(NHP)
				FY 2024 -	\$5,404,000	(NHP)
				FY 2025 -	\$5,404,000	(NHP)
				POST YR-	\$10,808,000	(NHP)
				\$90,723,000		

DIVISION 7

EL-4828	MORGAN CREEK GREENWAY, WESTERN SECTION, SR
ORANGE	1919 (SMITH LEVEL ROAD) TO UNIVERSITY LAKE IN
PROJ.CATEGORY	CARRBORO. CONSTRUCT GREENWAY AND
DIVISION	CONNECTIONS.
	<u>PROJECT BROKEN INTO SEGMENTS AS SHOW BELOW, TO REFLECT SEPARATE FUND SOURCES AS ALLOCATED BY MPO</u>

* INDICATES FEDERAL AMENDMENT

Thursday, December 04, 2014

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

EL-4828A ORANGE PROJ.CATEGORY DIVISION	MORGAN CREEK GREENWAY, PHASE 1 <u>DELAY CONSTRUCTION FROM FY 13 TO FY 15 TO ALLOW TOWN ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	CONSTRUCTION	FY 2015 - \$298,000 (STPDA) FY 2015 - <u>\$74,000</u> (L) \$372,000
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EL-4828B ORANGE PROJ.CATEGORY DIVISION	MORGAN CREEK GREENWAY, PHASE 2 <u>DELAY CONSTRUCTION FROM FY 13 TO FY 15 TO ALLOW TOWN ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	CONSTRUCTION	FY 2015 - \$730,000 (TAP) FY 2015 - <u>\$182,000</u> (L) \$912,000
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* EL-5101 GUILFORD PROJ.CATEGORY DIVISION	VARIOUS, PEDESTRIAN AND BICYCLE PROJECTS IN THE GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION (GUAMPO). <u>ADD RIGHT-OF-WAY IN FY 15 AND CONSTRUCTION IN FY 16 AND FY 17 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF MPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - \$268,000 (STPDA) FY 2015 - \$67,000 (L) FY 2015 - \$3,949,000 (STPDA) FY 2015 - \$987,000 (L) FY 2016 - \$1,027,000 (STPDA) FY 2016 - \$257,000 (L) FY 2017 - \$3,518,000 (STPDA) FY 2017 - <u>\$880,000</u> (L) \$10,953,000
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U-5532 GUILFORD PROJ.CATEGORY DIVISION	VARIOUS, GREENSBORO URBAN AREA MPO: BICYCLE, PEDESTRIAN, AND TRANSPORTATION ALTERNATIVES PROGRAM (TAP) – ELIGIBLE PROJECTS <u>ADD NEW FUND SOURCE (STPDA) AND UPDATE PROGRAMMED AMOUNTS AT REQUEST OF MPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - \$64,000 (TAP) FY 2015 - \$16,000 (L) FY 2016 - \$20,000 (TAP) FY 2016 - \$6,000 (L) FY 2017 - \$10,000 (TAP) FY 2017 - \$3,000 (L) FY 2018 - \$10,000 (TAP) FY 2018 - \$3,000 (L) FY 2015 - \$359,000 (STPDA) FY 2015 - \$540,000 (TAP) FY 2015 - \$225,000 (L) FY 2016 - \$1,203,000 (STPDA) FY 2016 - \$608,000 (TAP) FY 2016 - \$453,000 (L) FY 2017 - \$356,000 (STPDA) FY 2017 - \$305,000 (TAP) FY 2017 - \$165,000 (L) FY 2018 - \$3,169,000 (STPDA) FY 2018 - \$305,000 (TAP) FY 2018 - <u>\$868,000</u> (L) \$8,688,000
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

U-5541 ROWAN PROJ.CATEGORY DIVISION	NEW ROUTE, ACCESS ROAD OFF SR 2528 (HEILIG ROAD). CONSTRUCT ROADWAY TO SERVE NEW MANUFACTURING SITE NEAR SALISBURY. <u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 PENDING RECEIPT OF PERMITS.</u>	CONSTRUCTION	FY 2015 - \$583,000 (T) FY 2015 - <u>\$777,000</u> (O)	
			\$1,360,000	

W-5510 FORSYTH PROJ.CATEGORY DIVISION	SR 4315 (SOUTH MAIN STREET); SR 2648 (OLD WINSTON ROAD), SR 4315 (SOUTH MAIN STREET), BUSINESS 40 / US 421 / NC 150 TO NORTH OF SR 4278 (SOUTH CHERRY STREET), AND SR 2648 (OLD WINSTON ROAD), WEST OF SOUTH CHERRY STREET TO SOUTH MAIN STREET IN KERNERSVILLE. SAFETY IMPROVEMENTS, INCLUDING RAISED MEDIAN, TURN LANES, ADDITIONAL LANE, ROUNDABOUT, AND INTERSECTION RELOCATION. <u>DELAY RIGHT OF WAY FROM FY 14 TO FY 15 PENDING RESOLUTION OF LOCAL FUNDING COMMITMENT.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2015 - \$500,000 (HSIP) FY 2015 - \$361,000 (HSIP) FY 2016 - <u>\$2,000,000</u> (HSIP)	
			\$2,861,000	

DIVISION 10

* C-5157 CABARRUS PROJ.CATEGORY EXEMPT	HARRISBURG, CONSTRUCT SIDEWALKS ON TOM QUERY ROAD, ROBINSON CHURCH ROAD AND STALLINGS ROAD IN HARRISBURG. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	ENGINEERING CONSTRUCTION	FY 2015 - \$73,000 (CMAQ) FY 2015 - \$18,000 (L) FY 2016 - \$378,000 (CMAQ) FY 2016 - \$95,000 (L)	
			\$564,000	

* C-5159 CABARRUS PROJ.CATEGORY EXEMPT	KANNAPOLIS, ROXIE STREET, NC 3 AND DALE EARNHARDT BOULEVARD IN KANNAPOLIS. STREET IMPROVEMENTS. <u>DELAY PRELIMINARY ENGINEERING AND CONSTRUCTION FROM FY 15 TO FY 17 TO BETTER COORDINATE SCHEDULE WITH WORK ON PROJECT I-3802A</u>	ENGINEERING CONSTRUCTION	FY 2017 - \$108,000 (CMAQ) FY 2017 - \$27,000 (L) FY 2017 - \$432,000 (CMAQ) FY 2017 - <u>\$108,000</u> (L)	
			\$675,000	

DIVISION 11

EB-5529 YADKIN PROJ.CATEGORY DIVISION	YADKINVILLE, NORTH LEE AVENUE, MAIN STREET TO US 601 IN YADKINVILLE. CONSTRUCT SIDEWALK ON NORTH SIDE OF ROAD. <u>INCREASE FUNDING TO ACCOMMODATE ADDITIONAL UNANTICIPATED DRAINAGE WORK.</u>	CONSTRUCTION	FY 2015 - <u>\$495,000</u> (STPEB) \$495,000	
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 12

B-5549	HICKORY, FALLING CREEK ROAD OVER FALLING	RIGHT-OF-WAY	FY 2015 -	\$120,000	(STPOFF)
CATAWBA	CREEK. REPLACE BRIDGE NO. 327.		FY 2015 -	\$30,000	(L)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 TO</u>	CONSTRUCTION	FY 2015 -	\$680,000	(STPOFF)
DIVISION	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>		FY 2015 -	\$170,000	(L)
				\$1,000,000	

STIP DELETIONS

DIVISION 3

B-5539	SR 1102 (MORGAN ROAD), COLLY CREEK. REPLACE	RIGHT-OF-WAY	FY 2019 -	\$200,000	(STPOFF)
PENDER	BRIDGE NO. 144.	CONSTRUCTION	FY 2020 -	\$2,050,000	(STPOFF)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED BY DIVISION.</u>			\$2,250,000	
DIVISION					

DIVISION 5

* U-5517	NC 54, SR 1110 (FARRINGTON ROAD) TO I-40	RIGHT-OF-WAY	FY 2016 -	\$300,000	(NHP)
DURHAM	EASTBOUND ENTRANCE RAMP IN DURHAM.	CONSTRUCTION	FY 2017 -	\$1,300,000	(NHP)
PROJ.CATEGORY	CONSTRUCT SLIP RAMP.			\$1,600,000	
REGIONAL	<u>DELETE AT REQUEST OF PRECONSTRUCTION; SCOPE</u>				
	<u>TO BE REVISITED IN CONTEXT OF OTHER CANDIDATE</u>				
	<u>IMPROVEMENTS IN VICINITY.</u>				

DIVISION 6

B-5695	SR 1550 (LOWE ROAD), REPLACE BRIDGE NO. 174	RIGHT-OF-WAY	FY 2016 -	\$52,000	(STPOFF)
ROBESON	OVER LUMBER RIVER OVERFLOW.	CONSTRUCTION	FY 2017 -	\$1,032,000	(STPOFF)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED BY DIVISION.</u>			\$1,084,000	
DIVISION					

B-5710	SR 1379 (HINSON'S CROSSROADS), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2022 -	\$185,000	(HFB)
COLUMBUS	NO. 167 OVER GAPWAY SWAMP.	CONSTRUCTION	FY 2023 -	\$1,825,000	(HFB)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED BY DIVISION.</u>			\$2,010,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

Thursday, December 04, 2014

HIGHWAY PROGRAM

STIP DELETIONS

DIVISION 7

* U-5523

GUILFORD

PROJ.CATEGORY

DIVISION

NEW ROUTE, FLORIDA STREET EXTENSION, SR 4240
(EAST LEE STREET) TO MCCONNELL ROAD IN
GREENSBORO. CONSTRUCT TWO-LANE DIVIDED
ROADWAY WITH BICYCLE / PEDESTRIAN
ACCOMMODATIONS.

CONSTRUCTION	FY 2014 -	\$2,560,000	(STPDA)
	FY 2014 -	<u>\$640,000</u>	(C)
		\$3,200,000	

DELETE AT REQUEST OF MPO.

ITEM N SUMMARY

ADDITION S	8	PROJECTS	\$19,485,000
MODIFICATION S	22	PROJECTS	
DELETION S	5	PROJECTS	\$10,144,000
	35	PROJECTS	\$9,341,000

* INDICATES FEDERAL AMENDMENT

NCDOT December 4, 2014 Board of Transportation Agenda

SUMMARY: There are a total of 40 agreements for approval by the Board of Transportation.

Division 2

City of Greenville
Pitt County
U-3315
35781.3.FD1

This Project consists of construction of the Greenville Tenth Street Connector (SR 1598) from Dickinson Avenue to Stantonsburg Road at Memorial Drive in Pitt County. This Supplemental Agreement is to expand the scope to include the addition of betterments as a result of the Municipality's request to connect the storm water outfalls to the drainage infrastructure along 9th Street and across 5th Street. This work will include replacing sidewalk, pavement, curb and gutter, crosswalk, and coating for poles and pedestals. The Municipality has agreed to provide advance funding in the amount of two million dollars (\$2,000,000) to fund the work.

Greenville Utilities Commission
Pitt County
U-3315
35781.3.FD1

This Project consists of consists of the Greenville – Stantonsburg Road - Tenth Street Connector from Memorial Drive to SR 1702 (Evans Street) in Pitt County. At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally owned water and sewer lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated cost to the Agency is \$804,150.

Greenville Utilities Commission
Pitt County
U-3315
35781.3.FD1

This Project consists of consists of the Greenville – Stantonsburg Road - Tenth Street Connector from Memorial Drive to SR 1702 (Evans Street) in Pitt County. At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate gas lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated cost to the Agency is \$195,126.

DuPont Sorona
Lenoir County
49501

This Rail Agreement consists of approval of payment of state Economic Development Funds for DuPont Sorona to improve infrastructure, health, safety, and operating efficiency of the rail corridor. The specific Project funded by the grant consists of the preparation of the site and the construction of additional new rail infrastructure to the existing Kinston DuPont Sorona facility located in Lenoir County, which is served by CSX Transportation, Inc. at milepost AA 169. The Department shall participate to the extent of 50% of the total Project costs or up to \$557,500, whichever is less. The Department's participation in the Project costs will be funded through the Rail Industrial Access Program and Economic Development Funds.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 3

City of Wilmington
New Hanover County
U-4733(L)
36306.3.2

This Project consists of landscaping in conjunction with TIP Project U-4733 at the intersection of Independence Boulevard and Wrightsville Avenue. The Department shall prepare the plans, install the landscaping and provide maintenance for one year. The Municipality shall provide maintenance after the one-year warranty period and reimburse the Department \$12,475 and all costs that exceed the total estimated cost of \$39,323.

City of Wilmington
New Hanover County
U-3338B
34932.3.FD2

This Project consists of construction and improvements on SR 1175 (Kerr Avenue) from Randall Parkway to SR 2649 (Martin Luther King, Jr. Parkway) in Wilmington. This Supplemental Agreement is to expand the scope of the Project to include new betterments and increase the funding for the new betterments. The Department's estimated participation cost is an additional \$256,300. The Municipality's total estimated additional cost is \$383,500.

Division 4

NC Department of Environment
and Natural Resources
Edgecombe County
M-0392
40290.1.1

This Project consists of the Department participating in the final draft of the Town of Princeville Flood Damage Reduction Feasibility Study conducted by the U. S. Army Corps of Engineers (USACOE) through NCDENR. The USACOE is preparing the Study that may inform transportation improvements in the area. The Department shall participate in an amount of \$200,000 in State match funding. The anticipated cost of the entire Study is \$3,600,000.

Carolina Coastal Railway, Inc.
(CLNA)
Nash County
80000.3.3.10

This Rail Agreement consists of approval of payment of grant funds for CLNA to add customers who will be shipping grain and plastics on its railroad. The specific Project funded by the grant includes the addition of a 2,000-foot siding at Rocky Mount Yard. The Department shall participate in the Project to the extent of 50% of the total Project costs or up to \$150,000, whichever is less. The Department's participation in the Project costs will be funded from the state's Freight Rail & Rail Crossing Safety Improvement fund (FRRCSI).

NCDOT December 4, 2014 Board of Transportation Agenda

Division 5

Town of Wake Forest
Wake County
17BP.5.R.47

This Project consists of the replacement of Bridge No. 132 across Smith Creek on SR 2052 in Wake Forest. The existing bridge will be replaced with a bridge, a ten foot concrete greenway, and curb and gutter and 6 foot sidewalk along both sides. At the request of the Municipality, the Scope of the Project is expanded to include a five-lane section from the end of the Project to the existing five-lane section at the Rogers Road-Forestville Road/Heritage Lake Road intersection. The Municipality shall reimburse the Department one hundred percent (100%), of the cost of the supplemental work. The estimated cost of the five-lane extension, greenway and sidewalk is \$1,470,755.

Town of Apex
Wake County
R-2635D
35520.3.S5

This Project consists of the construction of a new interchange at Old Holly Springs-Apex Road (SR 1153) and the Triangle Expressway (Toll / NC 540). The existing outside shoulders on NC 540 between US 1 and the NC 55 Bypass will be converted to auxiliary lanes and new shoulders will be constructed. The Department is responsible for all phases of the Project. At the request of the Municipality, sidewalk will be constructed on northbound SR 1153 between the proposed interchange terminals. The estimated cost to the Municipality is \$5,400.

North Carolina Department of
Agriculture and Consumer
Services
Wake County

This Agreement is to provide the Agency access to the Department's SAP™ system to provide the Agency support services for the Agency's users, and to provide for normal maintenance of the Department's SAP™ system. The Department shall provide the staff to provide support for the usage of the Systems, Applications and Products (SAP™) Software in Data Processing for up to ten (10) users. The Agency shall reimburse the Department one hundred percent (100%) of the cost of all work performed by the Department, in a total amount of \$32,399.00, to implement such system requirements.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 5- con't.

North Carolina Department of
Public Safety
Wake County

This Agreement is to provide the Agency access to the Department's SAP™ system to provide the Agency support services for the Agency's users, and to provide for normal maintenance of the Department's SAP™ system. The Department shall provide the staff to provide support for the usage of the Systems, Applications and Products (SAP™) Software in Data Processing for up to one hundred twenty-five (125) users. The Agency shall reimburse the Department one hundred percent (100%) of the cost of all work performed by the Department, in a total amount of \$404,989.00, to implement such system requirements.

North Carolina Department of
Commerce
Wake County

This Agreement is to provide the Agency access to the Department's SAP™ system to provide the Agency support services for the Agency's users, and to provide for normal maintenance of the Department's SAP™ system. The Department shall provide the staff to provide support for the usage of the Systems, Applications and Products (SAP™) Software in Data Processing for up to thirty-eight (38) users. The Agency shall reimburse the Department one hundred percent (100%) of the cost of all work performed by the Department, in a total amount of \$123,117.00, to implement such system requirements.

North Carolina Department of
Public Instruction
Wake County

This Agreement is to provide the Agency access to the Department's SAP™ system to provide the Agency support services for the Agency's users, and to provide for normal maintenance of the Department's SAP™ system. The Department shall provide the staff to provide support for the usage of the Systems, Applications and Products (SAP™) Software in Data Processing for up to four hundred thirty-nine (439) users. The Agency shall reimburse the Department one hundred percent (100%) of the cost of all work performed by the Department, in a total amount of \$1,422,323.00, to implement such system requirements.

Town of Cary
Wake County
P-3803
42269

On September 10, 2008, the Department and the Municipality entered into a Rail Agreement for the renovation and expansion of the Cary Depot. This Supplemental Agreement amends said agreement to include specific descriptions of improvements under the Project and adds continuing control provisions as required for ARRA-funded Projects.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 5- con't.

CSX Transportation, Inc.
(CSXT)
Wake County
P-5500
44092

The Department and CSXT, on October 2, 2009, entered into the Railroad Master Construction Agreement which detailed the terms and conditions by which CSXT would construct various rail improvements. This Addendum No. 7 is for the permitting, construction, and construction-related activities involving track along the CSXT S Line and Boylan Wye which are components of the Raleigh Union Station Project. CSXT shall perform the work on the S Line and Boylan Wye and the Department shall reimburse CSXT for said work. The estimated cost to the Department is \$6,626,730.

Norfolk Southern Railway
Company (NS)
North Carolina Railroad
Company (NCRR)
Wake County
P-5500
44092

This Rail Agreement consists of permitting, grading, track, and signal construction at approximately milepost H 81.0 associated with the Raleigh Union Station Project. NS will perform all track and signal work including material procurement, track removal, roadbed preparation, track construction, track surfacing, cut-ins, and tie-ins. NS will also be responsible for permitting and utility relocation. The estimated cost to the Department is \$6,154,140.

Division 6

Town of White Lake
Bladen County
ER-2971 F
3606.3.12

This Project consists of widening, curb & gutter and sidewalk along White Lake Drive (SR 1515) from Williams Street to Sycamore Lane. This Supplemental Agreement allocates an additional \$15,000 in Division Enhancement funds and extends the completion date for the Project to March 31, 2015 in lieu of June 30, 2014.

County of Bladen
40226.1.1

This Project consists of placing fly ash and non-contaminated waste soil from the Project onto the closed Bladen County Landfill. The fly ash is currently located within the proposed right of way of the Project at the interchange on NC 87 at US 701. Approximately 1,400 cubic yards of fly ash will be relocated to construct the interchange. The Department will reimburse the County up to a maximum of \$7,000 per year for up to five (5) years of the actual cost of the additional analytical monitoring incurred by the County.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 6- con't.

CSX Transportation, Inc. (CSXT)
Robeson County
P-4900

The Department and CSXT, on October 2, 2009, entered into the Railroad Master Construction Agreement which detailed the terms and conditions by which CSXT would construct various rail improvements. This Addendum No. 6 to the Railroad Master Construction Agreement is for the construction of a new track connection (approximately 2 miles) and associated improvements from CSXT's A Line near milepost A 240.00 to the SE Line near milepost SE 287.66. CSXT shall perform the track and signal work, flagging and inspection, and the Department shall reimburse CSXT for said work. The Department shall perform all other work including, but not limited to, the construction of a grade separation at Union Chapel Road (SR 1563). The estimated cost to the Department is \$6,372,000.

Division 8

City of Sanford
Lee County
ER-2971 H
3608.3.11
36249.3409

This Project consists of construction of sidewalk along US 421/NC 42 (Horner Boulevard) and the addition of a pedestrian signal at the intersection of US 421/NC 42 and SR 1107 (Fields Drive) in Sanford. The Municipality shall be responsible for all phases of the Project. The Department will participate in the actual construction costs of the Project in an amount not to exceed \$112,040. Costs which exceed this amount shall be borne by the Municipality. The Municipality shall also reimburse the Department (100%) of the actual cost of the signal inspection & review costs. The estimated cost to the Department for review and inspection is \$4,000. This agenda item supersedes the item approved on 9/4/2014.

City of Sanford
Lee County
ER-2971H
3608.3.12
36249.3410

This Project consists of construction of concrete sidewalk along SR 1514 (Bragg Street) and SR 1519 (Nash Street), the addition of pedestrian signals at the intersection of SR 1514 and SR 1519 and modification of the existing signal plans to add pedestrian signals at the intersection of SR 1519 and SR 1521 (Kelly Drive) in Sanford. The Municipality shall be responsible for all phases of the Project. The Department will participate in the actual construction costs of the Project in an amount not to exceed \$168,632. Costs which exceed this amount shall be borne by the Municipality. The Municipality shall also reimburse the Department (100%) of the actual cost of the signal inspection & review costs. The estimated cost to the Department for review and inspection is \$4,000. This agenda item supersedes the item approved on 9/4/2014.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 9

Town of Granite Quarry
Rowan County
C-5158
46223.1.F1
46223.2.F1
46223.3.F1

This Project consists of construction of sidewalks on Kern St, Salisbury Ave, Crook St, and Balfour Quarry Road in Granite Quarry. The Municipality is responsible for all phases of the Project. The Department will participate in an amount not to exceed 80% (\$384,000) from CMAQ funds. The Municipality shall be responsible for providing 20% (\$96,000) matching funds and all costs that exceed the total estimated cost of \$480,000.

City of Salisbury
Rowan County
C-4908 H
44008.3.F8

This Project consists of construction of sidewalks on South Main Street in Salisbury. The Municipality is responsible for all phases of the Project. The Department will participate in an amount not to exceed 80% (\$107,200) from CMAQ funds. The Municipality shall be responsible for providing 20% (\$26,800) matching funds and all costs that exceed the total estimated cost of \$134,000.

Village of Clemmons
Forsyth County
U-4741 PE
39745.1.F30
39745.3.F30

This Project consists of construction of a sidewalk on Highway 158 and the first phase of the Yadkin River Greenway. The Municipality is responsible for all phases of the Project. The Department will participate in an amount not to exceed 80% (\$1,480,000) from STP-DA funds. The Municipality shall be responsible for providing 20% (\$370,000) matching funds and all costs that exceed the total estimated cost of \$1,850,000.

Piedmont Triad Council of
Governments (COG)
Anson, Davidson, Montgomery,
Moore, Randolph, Richmond,
Rowan and Stanly Counties
41794.4

This Project consists of development of a regional bicycle signage, branding, and marketing plan for the Central Park, NC region. The Piedmont COG is responsible for all phases of the Project. The Department will participate with state funds up to \$51,440. The COG is responsible for all costs that exceed this amount.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 10

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

This Project consists of the design and construction of sidewalks on Tom Query Road, Robinson Church, Caldwell Road and Stallings Road. The Municipality is responsible for all phases of the Project. The Department will participate in an amount not to exceed 80% (451,000) from CMAQ funds. The Municipality shall be responsible for providing 20% (\$112,750) matching funds and all costs that exceed the total estimated costs of \$563,750.

City of Kannapolis
Cabarrus County
C-5161
46226.1.F1
46226.3.F1

This Project consists of the design and construction of the Irish Buffalo Creek Greenway and Oakwood Connector in Cabarrus County. The Municipality is responsible for all phases of the Project. The Department will participate in an amount not to exceed 80% (\$1,672,000) from CMAQ funds. The Municipality shall be responsible for providing 20% (\$418,000) matching funds and all costs that exceed the total estimated cost of \$2,090,000.

Town of Indian Trail
Union County
C-4957B
44057.1.2
44057.3.2

This Project consists of the construction of approximately 12,000 linear feet of sidewalk located on the north side of Rogers Road to complete the Wesley Chapel-Stouts sidewalk Project in Union County. This Supplemental Agreement is to extend the completion date of the Project to November 14, 2015 in lieu of September 9, 2011. This Agreement supersedes the Agreement approved by the Board on August 7, 2014.

City of Charlotte
Mecklenburg County
10.106012

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

City of Charlotte
Mecklenburg County
10.106012

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

NCDOT December 4, 2014 Board of Transportation Agenda

Division 10- con't.

City of Charlotte
Mecklenburg County
R-4701
36247.10.3

This Municipal Operations Agreement (Schedule D) provides for the Municipality to operate the computerized traffic signal system as indicated in the agreement. The Municipality shall install, repair and maintain highway signs, electric traffic signals and other traffic control devices on the State Highway System Streets located within the Municipality. The Department will be invoiced quarterly by the Municipality for the approved cost of the installation, repair and maintenance as per the agreement.

City of Charlotte
Mecklenburg County
B-5378
46093.1.1
46093.2.F1
46093.3.F1

This Project consists of the replacement of Bridge 210 over Briar Creek on Michael Baker Road. This Supplemental Agreement is to add the right of way and construction phases to the Project and to increase the available funding. The Municipality is responsible for all phases of the Project. The Department will participate in 80% of eligible costs up to \$1,416,000 with STP funds. The Municipality shall provide a 20% match (\$354,000) and all costs that exceed the total estimated cost.

City of Charlotte
Mecklenburg County
B-5242
42844.1.1
42844.2.F1
42844.3.F1

This Project consists of the replacement of Bridge 376 over Irwin Creek on Barringer Drive. This Supplemental Agreement is to add the right of way and construction phases to the Project and to increase the available funding. The Municipality is responsible for all phases of the Project. The Department will participate in 80% of eligible costs up to \$1,630,400 with STP funds. The Municipality shall provide a 20% match (\$407,600) and all costs that exceed the total estimated cost.

Town of Cornelius
Mecklenburg County
I-4733
38063.1.1
38063.2.1
38063.FS1

This Project consists of improvements on I-77 at SR 5544 (Catawba Avenue) Interchange in Cornelius. This Supplemental Agreement is to include additional work within the scope of the Project for the replacement of black powder coated metal pole instead of the originally specified CCTV wooden pole. The Municipality shall reimburse the Department 100% of the actual cost of the additional work. The estimated cost for the metal pole is \$22,522.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 10- con't.

Aberdeen Carolina & Western
Railway(ACWR)
Stanly County
43909

This Rail Agreement consists of paying ACWR's expense due to the Department's Project within the operating railroad right-of-way for the realignment of NC 205 in Oakboro. The Project includes relocating the railroad's radio tower and transmission line to the outside of the Project's limits. The Agreement provides for encroachment by the Department onto the operating railroad right-of-way between railroad mileposts 357.40 and 357.50. The Department shall be responsible for all costs incurred by ACWR. The estimated cost to the Department is \$20,000.

Division 12

Cleveland County Utilities
Cleveland County
R-2707 AA
34497.3.3

This Project consists of improvements on US 74 (Shelby Bypass) from Sandy Creek Run to east of SR 1162 (Peachtree Road) in Cleveland County. At the request of CCU, the Department shall include provisions in the construction contract for the contractor to perform certain betterment work. CCU shall reimburse the Department for the cost of said utility work. The estimated cost to CCU is \$145,230.63. This Agreement supersedes the Agreement that was approved by the Board on October 3, 2013.

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

This Project consists of intersection improvements at several intersections in Hickory. The Municipality is responsible for all phases of the Project. The Department will participate in an amount not to exceed 80% (\$2,153,000) from CMAQ funds. The Municipality shall be responsible for providing 20% (\$538,250) matching funds and all costs that exceed the total estimated cost of \$2,691,250.

Division 13

Town of Mars Hill
Madison County
EB-5536
50051.3.1

This Project consists of the construction of Phase 1 of the Gabriel Creek Greenway. The Department will be responsible for planning, design and construction. The Municipality shall be responsible for any right of way acquisition or utility relocation. The Department has allocated \$600,000 in federal Enhancement funds and state match funds. The Municipality shall be responsible for all costs that exceed the total estimated cost of \$600,000.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 14

Southwestern Commission
Cherokee, Clay, Graham, and
Macon Counties
41794.10

This Project consists of the development of a regional bicycle plan. The Commission is responsible for all phases of the work. The Department will participate up to \$187,000 in state funds. The Commission shall be responsible for all costs that exceed this amount.

NCDOT December 4, 2014 Board of Transportation Agenda

SUMMARY: There are a total of 23 agreements for informational purposes only.

Division 3

County of Pender
36249.3416

This Project consists of the fabrication, installation and maintenance of six (6) "Welcome to Pender County" signs. The County shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost of the work is \$6,500.

PR Jacksonville Mall
Onslow County
36249.3396

This Project consists of the fabrication and installation of guide signs on US 17, at the Huff Road Exit Ramps, and at the Western Boulevard/Huff Road Intersection in Onslow County. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost of the work is \$11,500.

Division 5

City of Henderson
Vance County
U-4916
41065.1.1
41065.2.1
41065.3.1

This Project consists of the construction of the widening of Beckford Drive from Harrison St to North Park Drive. This Supplemental Agreement is to extend the completion date for the final PS&E package to 9/30/2015 and extend the completion date of the Project to 12/31/2017 in lieu of 12/31/2012.

North Carolina State University
C-5169
46234.3.1

This Project consists of the construction of a public park and ride lot at the Centennial Campus to help serve commuters in the area. This Supplemental Agreement is to extend the completion date for the final PS&E package to 9/1/2015 in lieu of 9/15/2014 and extend the completion date of the Project to 9/30/2016 in lieu of 9/30/2015.

County of Wake
SS-4905 BV
43785.3.1

This Project consists of the construction of a turn lane on NC 98 at the Wake County Convenience Center # 8, and the realignment of Falls Cove Lane. 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 \$65,000. Costs which exceed this amount shall be borne by the County.

Ashton Woods Home-Carolinas
Wake County
36249.3412

This Project consists of a proposed traffic signal at the intersection of SR1300 (Kildaire Farm Rd) and SR1305 (Arthur Pierce Rd). The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of said work. The estimated cost of the work is \$5,000.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 5- con't.

Tonti Properties
Wake County
36249.3411

This Project consists of signal upgrade for the intersection of TW Alexander (SR 3067) and Glenwood Avenue (US 70) in Wake County. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of said work. The estimated cost of the work is \$7,500.

Division 6

FDSE Ventures II, LLC
Cumberland County
36249.3402

This Project consists of installation of a traffic signal on Legion Road at the site entrance/South View High School Bus Entrance. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of said work. The estimated cost of the work is \$10,000.

Division 7

Town of Elon
Alamance County
43830

This Project consists of adding curb and gutter, drainage, sidewalk berm, sidewalk, asphalt paving, and pavement markings on the west side of North Oak Street from East Lebanon Avenue to East Haggard Avenue in Elon. The estimated cost of the Project is \$177,300. The Department shall participate in the actual cost of the Project up to \$152,000. Costs which exceed this amount shall be borne by the Municipality. This Agreement supersedes the one adopted by the Board of Transportation on July 10, 2014.

Town of Elon
Alamance County
43831

This Project consists of adding curb and gutter, drainage, sidewalk berm, sidewalk, paving, and pavement markings on the west side of 1301 (South Williamson Avenue) from Ball Park Road to Sunset Drive in Elon. The estimated cost of the Project is \$306,000. The Department shall participate in the actual cost of the Project up to \$230,000. Costs which exceed this amount shall be borne by the Municipality. This Agreement supersedes the one adopted by the Board of Transportation on July 10, 2014.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 8

Town of Pittsboro
Chatham County
C-5551
51021.1.1
51021.3.1

This Project consists of the constructing a sidewalk on the south side of East Street (US 64 Business) from Chatham Business Park Drive to White's Mobile Home Park Drive in Chatham County. This Supplemental Agreement is to extend the completion date of the Project to April 19, 2018 in lieu of December 31, 2014.

Chatham Park Investors, LLC
Chatham County
36249.3388

This Project consists of the construction of a bridge over US 64 and extension of SR 1809 (Suttles Road) for Chatham Park in Chatham County. The Developer shall reimburse the Department (100%) of the actual cost of all work performed by the Department. The estimated cost to the Department for review and inspection is \$100,000.

City of Sanford
Lee County
36249.3404

This Project consists of the review and inspection of upgrading (2) existing traffic signals to metal pole/mast arm designs on NC 78 (West Main Street) at SR 1133 (Lee Avenue and at Dalrymple Street in Lee County. The Municipality shall reimburse the Department (100%) of the actual cost of all work performed by the Department. The estimated cost to the Department for review and inspection is \$8,000.

Division 9

Carolina Investment Properties
C/O Robert A. Team, Jr.
Forsyth County
36249.3403

This Project consists of reviewing signal plans and inspection of a new signal construction for a new industrial driveway to be constructed on NC 66 north of the I-74 WB ramp in Forsyth County. The Developer shall reimburse the Department (100%) of the actual cost of all work performed by the Department. The estimated cost of the work is \$5,500.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 10

Town of Indian Trail
Union County
C-4957B
44057.3.2

This Project consists of the construction of sidewalks to include approximately 8,750 linear feet of sidewalk located on the south side of Unionville-Indian Trail Road and approximately 2250 linear feet of sidewalk located on the north side of Sardis Road. This Supplemental Agreement is to extend the completion date of the Project. The completion date shall be extended to November 14, 2015 in lieu of September 9, 2011. This agreement supersedes the Supplemental Agreement approved by the Board on August 7, 2014.

Division 11

Wilkes County
S-5504
55061.1.1
55061.3.1

This Project consists of benefiting the byway traveler by providing directional wayfinding signage to points of interest along the byway in Wilkes County. This Supplemental Agreement provides for the completion date of the Project to be extended to May 1, 2015 in lieu of January 31, 2015.

Town of Boone
Watauga County
36249.3406

This Project consists of the installation of pedestrian signals and crosswalks in several locations located in Boone. The Department shall prepare the Project plans, obtain any needed permits and construct the Project. The Municipality shall relocate and adjust all utilities, acquire any right of way and/or construction easements and reimburse the Department 100% of the Project cost. The estimated Project cost is \$71,700.

Division 13

Town of Rutherfordton
Rutherford County
36249.3417

This Project consists of the installation of shoulder mounted pedestrian warning signs and flashers for the crosswalk that crosses US 221 north of Green Street at St. Francis Episcopal Church in Rutherford County. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department \$8,000 for work performed by the Department. The estimated total cost of Project is \$8,000.

NCDOT December 4, 2014 Board of Transportation Agenda

Division 13- con't.

Sierra Nevada Brewing
Company
Buncombe County
36249.3418

This Project consists of the installation of two shoulder mounted moderate traffic generator signs for the Sierra Nevada Brewing Company on Interstate 26 at both approaches to Exit 40 and two corresponding trailblazer ramp signs at the intersection of NC 280 (Airport Road) in Buncombe County. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost of the work is \$25,000.

Town of Marshall
Madison County
36050.057

This Project consists of the purchase of deicing salt from the Department for the safe and efficient utilization of transportation systems for the public good in the Town of Marshall. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of the deicing salt. The estimated reimbursement to the Department for the deicing salt is \$73.31 per ton.

Town of Mars Hill
Madison County
36050.057

This Project consists of the purchase of deicing salt from the Department for the safe and efficient utilization of transportation systems for the public good in the Town of Mars Hill. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of the deicing salt. The estimated reimbursement to the Department for the deicing salt is \$73.31 per ton.

Division 14

Ingles Market, Inc.
Henderson County
36249.3408

This Project consists of reviewing signal plan modifications at US 25 & SR 1547 (Old Airport Road)/Ingles Market in Fletcher, Henderson County. The Developer shall reimburse the Department (100%) of the actual cost of all work performed by the Department. The estimated cost of the work is \$5,000.

JM Teague Engineering
Henderson County
36249.3389

This Project consists of a revision of a signal plan (Signal 14-0030) at US 176 at Grove Street in Henderson County. The Developer shall reimburse the Department (100%) of the actual cost of all work performed by the Department. The estimated cost of the work is \$5,000.

NCDOT December 2014 Board of Transportation Agenda

Approval of Municipal Street System Changes

Deletions from the State Highway System

Correction to August 1997 BOT agenda- State System Roads left off agenda but City has been maintaining; to correct NCDOT GIS system.

Division	County	Municipality	Road	Termini	Length
5	Durham	Durham	SR 1267	To delete (SR 1267) Radcliff Circle from SR 1101 Revere Road to SR 1101 Revere Road	0.39
			SR 1282	To delete (SR 1282) Radcliff Circle Loop from SR 1267 to SR 1267	0.06
			SR 2143	To delete (SR 2143) Woodgrove Street from Cottondale E to North to end of state maintenance	0.07
			SR 2144	To delete (SR 2144) Cottondale Road from Glenco Road to end of state maintenance	0.19
			SR 2249	To delete (SR 2249) Newhall Road from Sedwick Road to end of state maintenance	0.26
			SR 2252	To delete (SR 2252) Revere Road from Sedwick Road to end of state maintenance	0.16

Correction to June 1986 BOT agenda; to correct NCDOT GIS system.

Division	County	Municipality	Road	Termini	Length
8	Randolph	High Point	SR 1625	To delete (SR 1625) South Road 0.16 miles instead of 0.25	0.16

NCDOT December 2014 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 – R-5
4	Advance Acquisition of Highway Right of Way	R-6
5	Approval of Conveyance of Highway Right of Way Residues	R-7
6	Approval of Conveyance of Permanent Easement	R-8

Preliminary Right of Way Plans

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

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

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

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

(Division 4)

Wilson County; I.D. No. B-4681; Project No. 38465.2.FD1:
Bridge No. 119 over Little Contentnea Creek on SR 1531

Johnston County; I.D. No. W-5204B; Project No. 45334.2.FD2:
SR 1700 (Covered Bridge Road) from SR 1709 (City Street) to SR 1768 (Smith Drive)

(Division 5)

Wake County; I.D. No. R-2814C; Project No. 34506.2.FS7:
US 401 from NC 96 to SR 1103

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

Vance County; I.D. No. W-5205T; Project No. 45335.2.FR21:
NC 39 at SR 1519 (Gillburg Road)

(Division 6)

Columbus County; I.D. No. B-5331; Project No. 46045.2.FD1:
Bridge No. 269 over Big Branch on SR 1849

Preliminary Right of Way Plans (continued)

(Division 6) (continued)

Robeson County; I.D. No. W-5206AL; Project No. 45336.2.FD38:
SR 1004 (Tarheel Road) between SR 1971 (Denmark Road) and SR 1972 (Mussel
White Road) East of SR 1969 (Smith Road) and Bridges No. 46 and 50

(Division 7)

Guilford County; I.D. No. BD-5107Z; Project No. 45353.2.FD27:
Bridge No. 245 over Alamance Creek on SR 3088

(Division 10)

Mecklenburg County; I.D. No. U-5507A; Project No. 45477.2.FD1:
Charlotte – I-485 / Prosperity Church Road Interchange

Mecklenburg County; I.D. No. R-2248G; Project No. 34410.2.S27:
I-485 Charlotte Outer Loop Interchange with SR 2042 (Oakdale Road)

(Division 12)

Catawba County; I.D. No. R-3100A; Project No. 34522.2.FR6:
NC 16 from SR 1895 (North Tower Road) to SR 1801 (Claremont Road)

Catawba County; I.D. No. B-5549; Project No. 55047.2.F1:
Bridge No. 327 over Falling Creek on Falling Creek Road

(Division 13)

Buncombe County; I.D. No. U-3301; Project No. 34909.3.FR1:
NC 63 (Leicester Highway) NW Asheville, from SR 1615 (Gilbert Road) to West of SR
1004 (Newfound Road)

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 2)

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

Grading, drainage, paving, structure, signals and signing on Stantonsburg Road – Tenth Street Connector from US 13/NC 11 (Memorial Drive) to SR 1702 (Evans Street) with the right of way indicated upon the final plans for said project.

(Division 6)

Project No. 40226.2.FS1; Bladen County; I.D. No. R-4903:

Grading, drainage, paving, structures and signals on NC 87 at US 701 Intersection with the right of way indicated upon the final plans for said project.

(Division 9)

Project No. 38514.2.FD1; Davidson County; I.D. No. B-4741:

Grading, drainage, paving and structure on Bridge No. 38 over Muddy Creek on SR 1493 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. 34491.2.3; I.D. No. R-2633BA; Brunswick County:

Final Right of Way plans approved on the minutes of the March 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 26 as presented at the December 4, 2014 Board of Transportation Meeting.

(Division 6)

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

Final Right of Way plans approved on the minutes of the November 8, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 5 as presented at the December 4, 2014 Board of Transportation Meeting.

Project No. 36492.2.1; I.D. No. U-4444AB; Cumberland County:

Final Right of Way plans approved on the minutes of the November 8, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 7 as presented at the December 4, 2014 Board of Transportation Meeting.

Revisions of the Final Right of Way Plans (continued)

(Division 7)

Project No. 34821.2.3; I.D. No. U-2525B; Guilford County:

Final Right of Way plans approved on the minutes of the July 10, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 39 as presented at the December 4, 2014 Board of Transportation Meeting.

(Division 10)

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

Final Right of Way plans approved on the minutes of the April 4, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 21 as presented at the December 4, 2014 Board of Transportation Meeting.

(Division 11)

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

Final Right of Way plans approved on the minutes of the December 1, 2011 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 12 and 13 as presented at the December 4, 2014 Board of Transportation Meeting.

(Division 13)

Project No. 35609.2.1; I.D. No. R-2519A; Yancey County:

Final Right of Way plans approved on the minutes of the June 2, 2011 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 20 as presented at the December 4, 2014 Board of Transportation Meeting.

Advance Acquisition of Highway Right of Way

Upon recommendation of the Manager of the Right of Way Unit, the Board has been requested to authorize the acquisition of the following properties through negotiation or condemnation for purposes of highway construction in order to prevent undue hardship on property owners or to protect the right of way corridor from development prior to regular project approval. The Board finds such acquisitions to be necessary, and hereby authorizes the Right of Way Branch to acquire said properties either by negotiation or by condemnation through the Office of the Attorney General.

Division 3

**Property of Savana Land Company, LLC
I.D. No. U-4751, Parcel #910
WBS 40191.2.1, F. A. Project HPNHS-1409(7),
County of New Hanover**

ADVANCE ACQUISITION OF HIGHWAY ROW

1 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 4)

Project 34461.2.9, Parcel R-2554B 001 and 008, US 70 Goldsboro Bypass – East of 1556 (Wayne Memorial Drive) West of SR 1714 (Creek Road)

Wayne County

Conveyance of an approximate 1.663-acre combined residue area to Duke Energy Progress, Inc. as part settlement for \$1,400.00.

(Division 5)

Project 35520.5.TA1 and 35520.2.1, Parcel R-2635B 067A and parcel 155 (formerly 922), Western Wake Freeway from NC 55 (South) near Holly Springs to NC 55 (North) near Research Triangle Park

Wake County

Conveyance of an approximate combined 0.324-acre residue area and two story frame dwelling to Renee DeSimone for the high bid amount of \$80,000.00.

Project 35520.5.TA1, Parcel R-2635B 048, Western Wake Freeway from NC 55 (South) near Holly Springs to NC 55 (North) near Research Triangle Park

Wake County

Conveyance of an approximate 5.719-acre residue area to John H. Lampe for the high bid amount of \$129,000.00.

Project 34506.2.5, Parcel R-2814A 047, US 401 from SR 2044 (Ligon Mill Road) to SR 2225 (Louisburg Road)

Wake County

Conveyance of an approximate 0.850-acre residue area to W. C. Hollingsworth, Jr. for the high bid amount of \$25,100.00.

(Division 7)

Project 6.498002B, Parcel R-2248D 808, Greensboro Western Loop from North of I-85 near SR 1129 (Groometown Road) to North of SR 4121 (High Point Road)

Guilford County

Conveyance of an approximate 0.558-acre residue area to W and B Investment Company, Inc. for the high bid amount of \$12,600.00.

CONVEYANCE ROW RESIDUE

5 PROJECT(S)

\$248,100.00

Approval of conveyance of Permanent Easement

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

(Division 6)

Project 8.2442902, SR 1141 (Bingham Drive) from Hope Mills Bypass to US 401 (Raeford Road)

Cumberland County

The Department acquired the residue property from Sandra Breeden McLauren as a result of construction on SR 1141 (Bingham Drive) in Cumberland County. The Fayetteville Public Works Commission has requested an approximate 0.018-acre permanent utility easement to install and maintain a private sewer across the property. The Department has determined that the conveyance of the permanent utility easement would cause no damage to the residue area. The Fayetteville Public Works Commission has agreed to the conveyance for no consideration.

(Division 7)

Project 8.2493501, R-2834 003, Bridge No. 101 over Horse Pen Creek Road

Guilford County

The Department acquired the residue property from David W. Kriegsman and wife, Jane S. Kriegsman as a result of the construction of Bridge No.101 in Guilford County. The City of Greensboro has requested an approximate 0.002-acre permanent drainage easement and two (2) temporary construction easements totaling 0.088 acres. The permanent drainage will be used for off road drainage and two (2) temporary construction easements will be used for skimmer basins. The Department has determined that the conveyance of the permanent drainage easement and temporary construction easement areas would cause no damage to the residue area. The City of Greensboro has agreed to the conveyance for no consideration.

CONVEYANCE OF PERMANENT EASEMENT	2 PROJECT(S)	\$0.00
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<u>R-ITEM SUMMARY</u>	<u>31 PROJECT(S)</u>	<u>TOTAL: \$248,100.00</u>
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NCDOT December 2014 Board of Transportation Agenda RECOMMENDED

ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS

There will be no items presented for approval at the December 4, 2014 Board of Transportation meeting.

November 5, 2014

MEMORANDUM TO: Board of Transportation
FROM: Transportation Planning Branch
SUBJECT: Submission of the Tabor City Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Branch has worked cooperatively with the town of Tabor City on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Tabor City on October 14, 2014 and Columbus County on November 3, 2014. The Cape Fear RPO endorsed the plan on October 10, 2014.

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=Tabor%20City

The Transportation Planning Branch recommends the mutual adoption of the Tabor City Comprehensive Transportation Plan as shown on the attached map dated March 11, 2014.

Sincerely,



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

Attachment

December 4, 2014

NCDOT December 2014 Board of Transportation Agenda

The Department's Ethics Policy is reflected in both the Design-Build Policy and Procedures and Design-Build contracts. These documents prohibit previous employees of the Department from participating in contracts for which they were determined to be formerly involved. An exception to this policy may be granted if recommended by the Secretary of Transportation and approved by the Board of Transportation.

Mr. Barry Moose, retired Division 10 Engineer, was determined to have been formerly involved in the contract scoping for TIP I-3802A, widening of I-85 in Rowan and Cabarrus Counties. Mr. Moose is employed with Sepi Engineering and was precluded from working on the bid preparation phase for this project. In April 2014, the Design-Build Team awarded the contract for TIP I-3802A includes Sepi Engineering. At this time, staff and the Secretary recommend that an exception to the policy be granted to enable Mr. Moose to perform work under this contract.

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

ADDITIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY13 (000)	FY14 (000)	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)
TA-5164	Asheville Transit	Replacement Buses	STPDA	STPDA					360		
			Local	L					90		
TG-5256	Craven Area Rural Transit System	Preventive Maintenance	FUZ	5307				36	38		
			Local	L				9	10		
TG-5257	Craven Area Rural Transit System	ADA/Para-Transit	FUZ	5307				48	79		
			Local	L				12	20		
TA-5165	Craven Area Rural Transit System	Expansion Vans	FUZ	5307				166	166		
			Local	L				29	29		
TC-5100	Craven Area Rural Transit System	Mobility Management	FUZ	5307				24	24		
			Local	L				6	6		
TO-5204	Craven Area Rural Transit System	Operating Assistance	FUZ	5307				172	152		
			Local	L				172	152		
TP-5122	Craven Area Rural Transit System	Short Range Planning	FUZ	5307				8	8		
			Local	L				2	2		

MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY13 (000)	FY14 (000)	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)
TO-5134	Piedmont Authority for Regional Transportation	Operating Assistance	FUZ	5307		100	217	100	100	100	100
			Local	L		100	217	100	100	100	100

Item I-1B, 8 Projects, Total Federal/State/Local funds \$3,254,000

REVISIONS TO THE 2012-2020 STIP

HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 12

* C-5566	GASTONIA, GPS AUTHOMATIC VEHICLE LOCATOR	IMPLEMENTATION	FY 2015 -	\$128,000	(CMAQ)
GASTON	PROGRAM FOR FLEET VEHICLES.		FY 2015 -	\$32,000	(L)
PROJ.CATEGORY	<u>ADD PROJECT WHICH WAS INADVERTENTLY</u>		FY 2016 -	\$64,000	(CMAQ)
EXEMPT	<u>DELETED FROM THE STIP IN NOVEMBER 2014.</u>		FY 2016 -	\$16,000	(L)
				\$240,000	

STIP MODIFICATIONS

DIVISION 2

EB-5500	US 70 (ARENDELL STREET), 35TH STREET TO 25TH	RIGHT-OF-WAY	FY 2015 -	\$5,000	(STPEB)
CARTERET	STREET. INSTALL SIDEWALKS ON THE NORTH SIDE.	CONSTRUCTION	FY 2015 -	\$210,000	(STPEB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 TO</u>			\$215,000	
DIVISION	<u>ALLOW ADDITIONAL TIME FOR PLANNING BY</u>				
	<u>MUNICIPALITY.</u>				

R-1015	US 70 (HAVELOCK BYPASS), NORTH OF PINE GROVE	RIGHT-OF-WAY	FY 2016 -	\$11,425,000	(NHP)
CRAVEN	TO NORTH OF CARTERET COUNTY LINE. CONSTRUCT	UTILITIES	FY 2016 -	\$845,000	(NHP)
PROJ.CATEGORY	MULTI-LANE FACILITY ON NEW LOCATION.	GARVEE CONSTR	FY 2018 -	\$12,300,000	(NHP)
STATEWIDE	<u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AND</u>		FY 2018 -	\$10,000,000	(S(M))
	<u>CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW</u>		FY 2019 -	\$12,300,000	(NHP)
	<u>ADDITIONAL TIME FOR PLANNING. THIS PROJECT</u>		FY 2019 -	\$10,000,000	(S(M))
	<u>WILL NOW BE A GARVEE PROJECT.</u>		FY 2020 -	\$12,300,000	(NHP)
			FY 2020 -	\$10,000,000	(S(M))
			FY 2021 -	\$12,300,000	(NHP)
			FY 2021 -	\$10,000,000	(S(M))
			FY 2022 -	\$12,300,000	(NHP)
			FY 2023 -	\$12,300,000	(NHP)
			FY 2024 -	\$12,300,000	(NHP)
			FY 2025 -	\$12,300,000	(NHP)
			POST YR-	\$49,200,000	(NHP)
				\$199,870,000	

DIVISION 4

U-3330	US 301 BYPASS, NC 43/NC 48 (BENVENUE ROAD) TO	RIGHT-OF-WAY	FY 2015 -	\$3,563,000	(NHP)
NASH	SR 1836 (MAY DRIVE) IN ROCKY MOUNT. ADD AN		FY 2016 -	\$3,562,000	(NHP)
PROJ.CATEGORY	ADDITIONAL LANE IN EACH DIRECTION.	UTILITIES	FY 2015 -	\$3,625,000	(NHP)
REGIONAL	<u>ACCELERATE RIGHT-OF-WAY FROM FY 17 TO FY 15</u>	MITIGATION	FY 2017 -	\$23,000	(NHP)
	<u>TO MATCH PROPOSED DRAFT 2016 - 2025 STIP.</u>	CONSTRUCTION	FY 2019 -	\$7,300,000	(NHP)
			FY 2020 -	\$7,300,000	(NHP)
			FY 2021 -	\$7,300,000	(NHP)
				\$32,673,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

* C-5163 WAKE	CRABTREE CREEK GREENWAY, CONSTRUCT A CONNECTOR BETWEEN CAPITAL AREA GREENWAY SYSTEM, CARY GREENWAY SYSTEM AND THE MORRISVILLE GREENWAY SYSTEM AND THE RESEARCH TRIANGLE PARK.	ENGINEERING CONSTRUCTION	FY 2015 - \$467,000 (CMAQ) FY 2015 - \$117,000 (L) FY 2015 - \$2,492,000 (CMAQ) FY 2015 - <u>\$623,000</u> (L)	
	<u>DELETE RIGHT OF WAY IN FY 15 AND APPLY FUNDS TO ENGINEERING AND CONSTRUCTION AT REQUEST OF MPO.</u>		\$3,699,000	
* C-5165 WAKE PROJ.CATEGORY EXEMPT	SR 1615 (HIGH HOUSE ROAD), SR 3112 (CARY PARKWAY) IN CARY. INTERSECTION IMPROVEMENTS. <u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 AND CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW TOWN ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - \$960,000 (CMAQ) FY 2015 - \$240,000 (L) FY 2016 - \$1,728,000 (CMAQ) FY 2016 - <u>\$432,000</u> (L)	\$3,360,000
C-5169 WAKE PROJ.CATEGORY EXEMPT	PARK-AND-RIDE LOT, NORTH CAROLINA STATE UNIVERSITY. CONSTRUCT A ONE ACRE 170 SPACE LOT NEAR NC STATE UNIVERSITY CENTENNIAL CAMPUS. <u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW UNIVERSITY ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	CONSTRUCTION	FY 2015 - \$277,000 (CMAQ) FY 2015 - <u>\$69,000</u> (O)	\$346,000
C-5170 WAKE PROJ.CATEGORY EXEMPT	VARIOUS, BICYCLE LANE STRIPING AND RESTRIPE VARIOUS LANES WITHIN CITY OF RALEIGH. <u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 PENDING PROCESSING OF FUNDING AUTHORIZATION.</u>	CONSTRUCTION	FY 2015 - \$894,000 (CMAQ) FY 2015 - \$224,000 (L)	\$1,118,000
C-5172 WAKE PROJ.CATEGORY EXEMPT	SR 1005 (SIX FORKS ROAD), CONSTRUCT A FIVE FOOT SIDEWALK FROM COLERIDGE DRIVE TO SR 2000 (WAKE FOREST ROAD) IN RALEIGH. <u>DELAY RIGHT OF WAY AND CONSTRUCTION FROM FY 14 TO FY 15 PENDING PROCESSING OF FUNDING AUTHORIZATION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - \$174,000 (CMAQ) FY 2015 - \$43,000 (L) FY 2015 - \$186,000 (CMAQ) FY 2015 - <u>\$47,000</u> (L)	\$450,000

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

C-5178 DURHAM PROJ.CATEGORY EXEMPT	VARIOUS, CAMPUS WALK AVENUE, MORRENE ROAD TO LASALLE STREET AND LASALLE STREET, KANGAROO DRIVE TO ERWIN ROAD IN DURHAM. CONSTRUCT SIDEWALKS.	CONSTRUCTION	FY 2015 - \$269,000 (CMAQ) FY 2015 - \$67,000 (L) \$336,000
	<u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW CITY ADDITIONAL TIME FOR RIGHT OF WAY AND UTILITIES.</u>		
* C-5182 DURHAM PROJ.CATEGORY EXEMPT	NC 751 (HOPE VALLEY ROAD), CONSTRUCT SIDEWALKS AND BIKE LANES BETWEEN MLK, JR. PARKWAY AND US 15-501 BUSINESS IN DURHAM.	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - \$107,000 (CMAQ) FY 2015 - \$27,000 (L) FY 2016 - \$1,002,000 (CMAQ) FY 2016 - \$250,000 (L) \$1,386,000
	<u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 AND CONSTRUCTION FROM FY 15 TO FY 16 PENDING EXECUTION OF MUNICIPAL AGREEMENT.</u>		
C-5504 WAKE PROJ.CATEGORY EXEMPT	BUCK JONES ROAD SR 1321 (AVENT FERRY ROAD) SR 2542 (ROCK QUARRY ROAD), I-40 PEDESTRIAN IMPROVEMENT PROJECT IN RALEIGH. CONSTRUCT PEDESTRIAN IMPROVEMENTS AT BUCK JONES ROAD, SR 1321 (AVENT FERRY ROAD), AND SR 2542 (ROCK QUARRY ROAD) OVERPASSES OF I-40.	CONSTRUCTION	FY 2015 - \$1,640,000 (CMAQ) FY 2015 - \$410,000 (L) \$2,050,000
	<u>CHANGE ROUTE AND DESCRIPTION AT REQUEST OF MPO.</u>		
* C-5567 GRANVILLE PROJ.CATEGORY EXEMPT	EAST LYON STATION GREENWAY, TOWN OF BUTNER GREENWAY EXTENSION. CONSTRUCT MULTI-USE PATH.	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2015 - \$28,000 (CMAQ) FY 2015 - \$7,000 (L) FY 2015 - \$28,000 (CMAQ) FY 2015 - \$7,000 (L) FY 2016 - \$144,000 (CMAQ) FY 2016 - \$36,000 (L) \$250,000
	<u>DELAY ENGINEERING FROM FY 14 TO FY 15 AND CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW TOWN ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>		
* C-5568 FRANKLIN PROJ.CATEGORY EXEMPT	VARIOUS, TOWN OF LOUISBURG. CONSTRUCT SIDEWALKS AT VARIOUS LOCATIONS.	ENGINEERING CONSTRUCTION	FY 2015 - \$56,000 (CMAQ) FY 2015 - \$14,000 (L) FY 2016 - \$148,000 (CMAQ) FY 2016 - \$37,000 (L) \$255,000
	<u>DELAY ENGINEERING FROM FY 14 TO FY 15 AND CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW TOWN ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>		

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

U-4916 VANCE PROJ.CATEGORY DIVISION	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 14 TO FY 15 TO ALLOW CITY ADDITIONAL TIME FOR RIGHT OF WAY AND UTILITIES.</u>	CONSTRUCTION	FY 2015 - \$679,000 (HP) \$679,000
* U-5315 WAKE PROJ.CATEGORY DIVISION	MORRISVILLE PARKWAY EXTENSION, SR 1600 / SR 1625 (GREEN LEVEL CHURCH ROAD) TO EAST OF NC 55 IN CARY. MULTI-LANE FACILITY ON NEW LOCATION, INCLUDING INTERCHANGE AT NC 540 (TRIANGLE EXPRESSWAY / WESTERN WAKE FREEWAY). <u>MODIFY PROJECT DESCRIPTION AND CREATE PROJECT BREAKS AS SHOWN BELOW, AT REQUEST OF TOWN AND MPO.</u>		
* 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>CREATE PROJECT BREAK WITH RIGHT OF WAY IN FY 15 AND CONSTRUCTION IN FY 16 AT REQUEST OF TOWN AND MPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - \$2,050,000 (L) FY 2016 - \$3,000,000 (STPDA) FY 2016 - \$3,000,000 (L) \$8,050,000
* U-5315B WAKE PROJ.CATEGORY DIVISION	MORRISVILLE PARKWAY EXTENSION, NC 540 (TRIANGLE EXPRESSWAY / WESTERN WAKE FREEWAY). CONSTRUCT INTERCHANGE. <u>CREATE PROJECT BREAK WITH RIGHT OF WAY IN FY 15 AND CONSTRUCTION IN FY 16 AT REQUEST OF TOWN AND MPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - \$4,000,000 (BOND R) FY 2016 - \$10,302,000 (L) FY 2016 - \$8,500,000 (BOND R) \$22,802,000
U-5315C WAKE PROJ.CATEGORY DIVISION	MORRISVILLE PARKWAY EXTENSION, SR 1600 / SR 1625 (GREEN LEVEL CHURCH ROAD) TO EAST OF NC 55 IN CARY. WIDEN TO 4 LANES WITH LANDSCAPED MEDIAN. <u>CREATE PROJECT BREAK WITH CONSTRUCTION IN POST YEARS AT REQUEST OF TOWN AND MPO.</u>	CONSTRUCTION	POST YR- \$7,900,000 (L) \$7,900,000
* U-5514 WAKE PROJ.CATEGORY STATEWIDE	US 1 (CAPITAL BOULEVARD), SR 2041 (SPRING FOREST ROAD) TO SR 3555 (OLD WAKE FOREST ROAD) IN RALEIGH. IMPROVEMENTS TO INCLUDE: SIDEWALKS, LIGHTING, LANDSCAPING, AND TRANSIT AMENITIES. <u>MODIFY DESCRIPTION AND ADD CONSTRUCTION IN FY 15 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2015 - \$413,000 (STPDA) FY 2015 - \$103,000 (L) \$516,000

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

U-5515 WAKE PROJ.CATEGORY DIVISION	SR 1930 (STADIUM DRIVE) SR 1933 (WEST NORTH AVENUE), SR 1930 (STADIUM DRIVE), US 1 TO SR 1954 (NORTH WINGATE STREET) IN WAKE FOREST. COMPLETE STREETS IMPROVEMENTS TO INCLUDE: WIDEN TO THREE-LANE CURB AND GUTTER SECTION, CONSTRUCT SIDEWALK, MULTIUSE PATH, BICYCLE LANES, AND PEDESTRIAN / TRANSIT AMENITIES. SR 1933 (WEST NORTH AVENUE), SR 1954 (NORTH WINGATE STREET) TO US 1A (NORTH MAIN STREET) IN WAKE FOREST. RESURFACING AND SIDEWALK IMPROVEMENTS.	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 -	\$300,000 \$3,000,000	(L) (L)
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\$3,300,000

MODIFY ROUTE AND DESCRIPTION, AND ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF MPO.

* U-5537 WAKE PROJ.CATEGORY DIVISION	SR 1521 (LAKE PINE DRIVE), WIDEN TO 3 LANES - NORTH OF MACGREGOR PINES ROAD TO NORTH OF VERSAILLES DRIVE. INCL. 10 FT MULTIUSE PATH EAST SIDE; 5 FT SIDEWALK WEST SIDE.	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - FY 2015 - FY 2015 - FY 2015 -	\$56,000 \$24,000 \$668,000 \$167,000	(STPDA) (L) (STPDA) (L)
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\$915,000

DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 AND ADD CONSTRUCTION IN FY 15 AT REQUEST OF MPO.

DIVISION 7

* C-5179 ORANGE PROJ.CATEGORY EXEMPT	SR 1750 (NORTH ESTES DRIVE), NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO CASWELL DRIVE IN CHAPEL HILL. CONSTRUCT FIVE FOOT SIDEWALKS AND FIVE FOOT BIKE LANES. NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO ELLIOTT ROAD IN CHAPEL HILL. CONSTRUCT TEN FOOT MULTIUSE PATH.	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 - FY 2017 - FY 2017 -	\$240,000 \$60,000 \$1,630,000 \$408,000	(CMAQ) (L) (CMAQ) (L)
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\$2,338,000

DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AND CONSTRUCTION FROM FY 16 TO FY 17 TO REFLECT TOWN'S CURRENT DELIVERY SCHEDULE.

* C-5184 ORANGE PROJ.CATEGORY EXEMPT	RIVERWALK TRAIL, RIVERWALK TRAIL, PHASE III IN HILLSBOROUGH. CONSTRUCT A PAVED OFF-ROAD TAIL ALONG ENO RIVER CONNECTING RIVER PARK, GOLD PARK AND THE OCCONEECHEE MOUNTAIN STATE NATURAL AREA, AND CONSTRUCT SIDEWALK TO PROVIDE PEDESTRIAN AND BICYCLE CONNECTIONS TO THE GREENWAY.	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - FY 2015 - FY 2016 - FY 2016 -	\$80,000 \$20,000 \$360,000 \$90,000	(CMAQ) (L) (CMAQ) (L)
---	--	------------------------------	--	---	--------------------------------

\$550,000

DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 AND CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW TOWN ADDITIONAL TIME FOR PLANNING AND DESIGN.

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 7

* EB-4707A	SR 1838 / SR 2220, US 15-501 IN ORANGE COUNTY TO	RIGHT-OF-WAY	FY 2015 -	\$2,650,000	(L)
DURHAM	SR 1113 (POPE ROAD) IN DURHAM COUNTY	CONSTRUCTION	FY 2016 -	\$3,100,000	(L)
ORANGE				\$5,750,000	
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 AND</u>				
DIVISION	<u>CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW</u>				
	<u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>				

DIVISION 8

* W-5145	US 501, SR 1614 (BARNES BRIDGE ROAD)	RIGHT-OF-WAY	FY 2015 -	\$100,000	(HSIP)
SCOTLAND	INTERSECTION. CONSTRUCT TURN LANES ON US 501.	CONSTRUCTION	FY 2016 -	\$675,000	(HSIP)
PROJ.CATEGORY				\$775,000	
REGIONAL	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN.</u>				

DIVISION 9

C-5160	NEWSOME ROAD, CITY OF SALISBURY - CONSTRUCT	ENGINEERING	FY 2015 -	\$11,000	(CMAQ)
ROWAN	BIKE LANES.		FY 2015 -	\$3,000	(L)
PROJ.CATEGORY		RIGHT-OF-WAY	FY 2015 -	\$101,000	(CMAQ)
EXEMPT	<u>DELAY ENGINEERING FROM FY 14 TO FY 15 PENDING</u>		FY 2015 -	\$25,000	(L)
	<u>EXECUTION OF MUNICIPAL AGREEMENT.</u>	CONSTRUCTION	FY 2015 -	\$1,005,000	(CMAQ)
			FY 2015 -	\$251,000	(L)
				\$1,396,000	

DIVISION 10

B-5378	MICHAEL BAKER ROAD, REPLACE BRIDGE NO. 210	RIGHT-OF-WAY	FY 2015 -	\$80,000	(STPOFF)
MECKLENBURG	OVER BRIAR CREEK IN CHARLOTTE.		FY 2015 -	\$20,000	(L)
PROJ.CATEGORY		UTILITIES	FY 2015 -	\$160,000	(STPOFF)
DIVISION	<u>INCREASE RIGHT-OF-WAY AND UTILITY FUNDING</u>		FY 2015 -	\$40,000	(L)
	<u>BASED ON LATEST ESTIMATES.</u>	CONSTRUCTION	FY 2016 -	\$1,360,000	(STPOFF)
			FY 2016 -	\$340,000	(L)
				\$2,000,000	

* EB-5011	MONROE, BEARSKIN CREEK GREENWAY, DICKENSON	CONSTRUCTION	FY 2016 -	\$1,400,000	(STPEB)
UNION	PARK TO CREFT PARK IN MONROE.			\$1,400,000	
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 AT THE</u>				
DIVISION	<u>REQUEST OF THE MPO.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

* R-2632AC	NC 73 AT NC 115. CONVERT RIGHT TURN LANE ON NC	RIGHT-OF-WAY	FY 2015 -	\$50,000	(T)
MECKLENBURG	115 SOUTHBOUND TO A THROUGH LANE AND WIDEN	CONSTRUCTION	FY 2015 -	\$190,000	(T)
PROJ.CATEGORY	FOR MERGING TAPER.			\$240,000	
REGIONAL	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 15 NOT PREVIOUSLY PROGRAMMED. THIS PROJECT COMPLETES WORK THAT WAS NOT ACCOMPLISHED BY R-2632AA DUE TO A 6F ISSUE THAT HAS SINCE BEEN REMEDIATED.</u>				

* U-4910A	SR 1445 (DERITA ROAD), SR 2894 (CONCORD MILLS	RIGHT-OF-WAY	FY 2015 -	\$600,000	(T)
CABARRUS	BOULEVARD) TO AVIATION BOULEVARD. WIDEN TO	CONSTRUCTION	POST YR-	\$11,750,000	(T)
PROJ.CATEGORY	MULTI-LANES.			\$12,350,000	
DIVISION	<u>ACCELERATE RIGHT-OF-WAY FROM POST YEARS TO FY 15.</u>				

DIVISION 13

* U-5547	LYMAN STREET AND PORTIONS OF RIVERSIDE DRIVE,	RIGHT-OF-WAY	FY 2015 -	\$563,000	(TAP)
BUNCOMBE	HILL STREET/I-240 INTERCHANGE TO AMBOY ROAD		FY 2015 -	\$188,000	(L)
PROJ.CATEGORY	WITH PORTIONS OF THE ROAD TO BE RE-LOCATED.		FY 2016 -	\$2,440,000	(STPDA)
DIVISION	CONSTRUCT ON-STREET PARKING, INTERSECTION		FY 2016 -	\$610,000	(L)
	AND SIGNAL UPGRADES, RAILROAD CROSSING		FY 2017 -	\$2,440,000	(STPDA)
	IMPROVEMENTS, BRIDGE RE-CONSTRUCTION,		FY 2017 -	\$610,000	(L)
	SIDEWALKS, STREETScape ELEMENTS, TRANSIT			\$6,851,000	
	AMENITIES, AND PARALLEL GREENWAY FACILITIES.				
	<u>MODIFY PROJECT FUNDING AMOUNTS AND SCHEDULE IN ACCORDANCE WITH A REQUEST FROM THE MPO.</u>				

DIVISION 14

* R-3622BA	NC 294, SR 1130 (SUNNY POINT ROAD) TO SR 1312	CONSTRUCTION	FY 2015 -	\$115,000	(T)
CHEROKEE	(BEAR PAW ROAD).			\$115,000	
PROJ.CATEGORY	<u>ADD CONSTRUCTION IN FY 15 NOT PREVIOUSLY PROGRAMMED. DIVISION HAS REQUESTED ADVANCE FUNDING FOR CLEARING AND GRUBBING SO THAT WORK CAN BE COMPLETED PRIOR TO MAIN CONTRACT TO AVOID DELAYS FROM A BAT MORATORIUM.</u>				
REGIONAL					

* R-5206A	SR 1449 (COPE CREEK ROAD), SR 1710 TO US 23/US 74.	CONSTRUCTION	FY 2015 -	\$10,000	(T)
JACKSON	<u>ADD CONSTRUCTION IN FY 15 NOT PREVIOUSLY PROGRAMMED. DIVISION HAS REQUESTED ADVANCE FUNDING FOR CLEARING AND GRUBBING SO THAT WORK CAN BE COMPLETED PRIOR TO MAIN CONTRACT TO AVOID DELAYS FROM A BAT MORATORIUM.</u>			\$10,000	
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

STIP DELETIONS

DIVISION 6

B-5552

CUMBERLAND

PROJ.CATEGORY

DIVISION

LOUISE STREET, REPLACE BRIDGE NO. 211 OVER
BEAVER CREEK.

DELETE, SCHEDULED FOR REPRIORITIZATION.

RIGHT-OF-WAY

CONSTRUCTION

FY 2016 -

FY 2017 -

\$70,000

\$685,000

\$755,000

(STPOFF)

(STPOFF)

* INDICATES FEDERAL AMENDMENT

NC SCENIC BYWAY ACTION ITEM(S) OVERVIEW:

The Scenic Byway Program would like to bring before the Board an overview of the following action items for approval. The proposals have been reviewed by our byway review team, approved by the Board of Transportation Highway Committee, as well as, presented before the Board of Transportation at the working lunch. The action items involve two new byway designation proposals and one extension of an existing byway.

ACTION ITEM 1 -Highlands of the Roan Byway Proposal: The proposal begins at the junction of Highway 19 E and 80 N in Yancey County just before crossing the South Toe River. The route travels along 80 N for 13 miles and provides a backdrop of small farms, churches and cemeteries. The road merges into Highway 226 at Loafers Glory, home to Masterson Grist Mill, one of the most photographed sites in the region. The route continues along Highway 226 to Bakersville, the county seat. From Bakersville, the corridor connects with the final leg of the proposal, Highway 261 N, roughly 14 miles, and serves as the scenic “Rhododendron Ramble.” This ramble passes open pastures, red barns, traditional farmhouses, and acres of Christmas tree farms. The last three miles of the route are embedded in the Pisgah National Forest, concluding the 30-mile scenic drive at Carvers Gap.

APPLICATION SPONSOR:

Mitchell County Historic Courthouse Foundation

CORRIDOR STATISTICS:

LENGTH: 30 Miles

COUNTY: Mitchell County

ROUTE: 80 N, Highway 226 and Highway 261 N

EXISTING ZONING: Pisgah National Forest

RECOMMENDATION:

Designate and integrate 30 miles of the Highlands of the Roan from the intersection of 19 E and 80 N, along Highway 226 into Bakersville, to the Highway 261 N portion to Roan Mountain.

ACTION ITEM 2 - The College Town Ride Proposal: The proposal begins at the Iredell/ Mecklenburg County line along NC 115. The route travels south towards the Town of Davidson, where NC 115 becomes Main Street, continues on Main Street approximately 1 mile, then the route turns east onto Concord Road. In just under 1 mile,

the route turns northeast from Concord Road onto Grey Road. After 2 miles on Grey Road, the route passes quickly from Mecklenburg County into Iredell County and back again. The route continues from Grey Road southeast onto Shearer Road for approximately 1 mile, and then turns onto Fisher Road. The route ends at the terminus of Fisher Road, which is the entrance to Fisher Farm Park. The corridor gives beautiful transitions between the urban setting of the Town and College of Davidson and the rural countryside of Mecklenburg County.

APPLICATION SPONSOR:

Davidson Land Conservancy

CORRIDOR STATISTICS:

LENGTH: 6 Miles

COUNTY: Mecklenburg and Iredell County

ROUTE: NC 115, SR 2693, SR 2419

EXISTING ZONING: Town of Davidson

RECOMMENDATION:

Designate and integrate the 6 miles of the College Town Ride as part of the NC Scenic Byway Program.

ACTION ITEM 3 - New River Valley Extension Proposal: The proposal for the extension of the New River Valley Scenic Byway follows US Hwy 221 and begins at the Ashe and Watauga County line in Deep Gap. The route travels north along US HWY 221 across the south fork of the New River, through the communities of Fleetwood and Baldwin. In Baldwin, the route connects with NC Hwy 194 (terminus of existing New River Scenic Byway) and continues to its end point at the edge of the town limits of West Jefferson where US Hwy 221 intersects NC Hwy 163. The proposal offers views of Christmas tree farms and rural mountain vistas.

APPLICATION SPONSOR:

Ashe County

CORRIDOR STATISTICS:

LENGTH: 12.25 Miles

COUNTY: Ashe County

ROUTE: US Highway 221

EXISTING ZONING: Town of West Jefferson

RECOMMENDATION:

Designate and integrate the 5.5 miles from the intersection of Highway 194 and US 221 to the town limits of West Jefferson as part of the NC Scenic Byways.



North Carolina Scenic Byways

Action Items-Byway Designations

Jeff Lackey

Program Manager-North Carolina Scenic Byways

December 3, 2014

North Carolina Scenic Byways

annual report

Byway Nominations

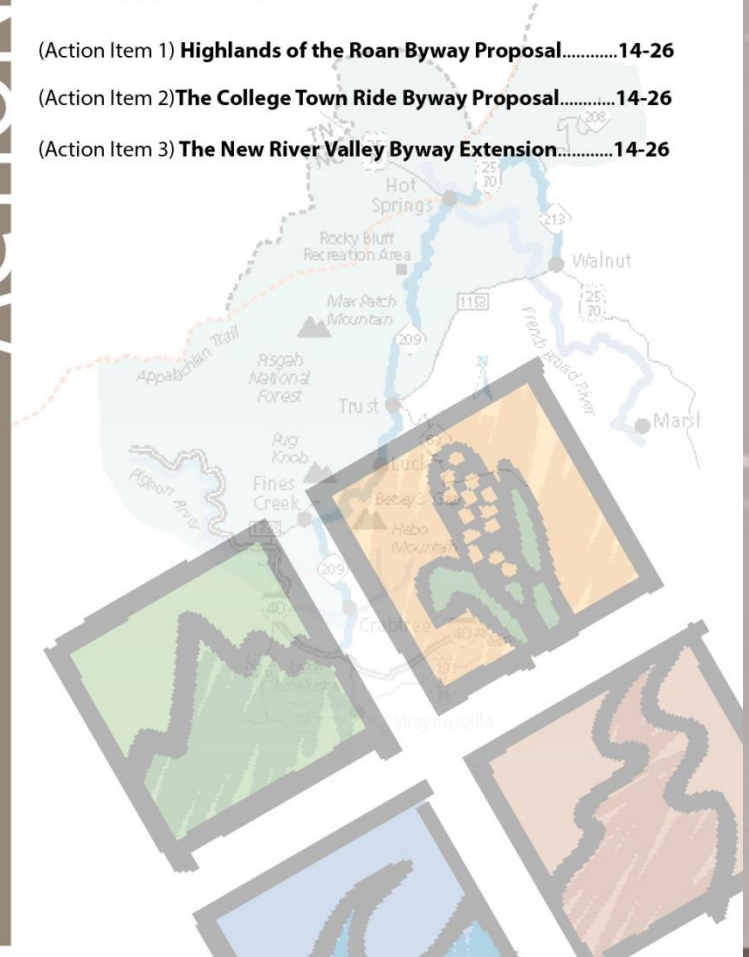
Action Items:

ACTION

Items



- (Action Item 1) **Highlands of the Roan Byway Proposal**.....14-26
- (Action Item 2) **The College Town Ride Byway Proposal**.....14-26
- (Action Item 3) **The New River Valley Byway Extension**.....14-26



North Carolina Scenic Byways

annual report

Action Item # 1

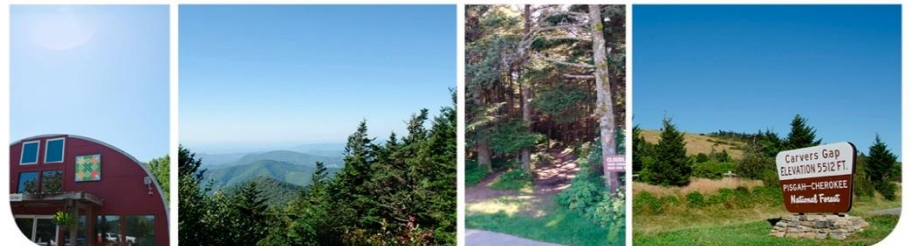
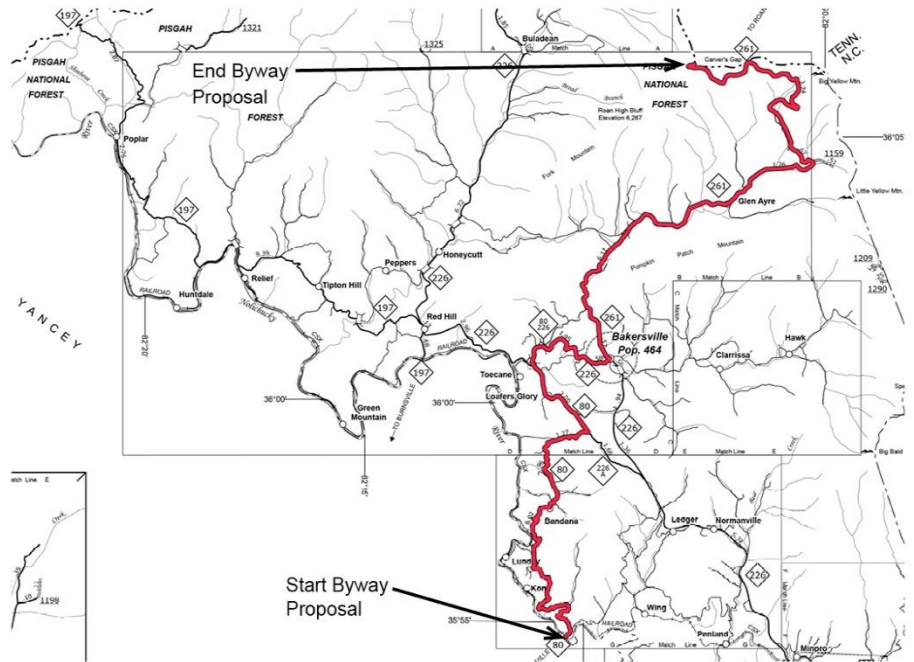
Highlands of the Roan Byway Proposal

Recommendation:

Designate and integrate 30 miles of the Highlands of the Roan from the intersection of 19E and 80N, along Highway 226 into Bakersville, to the Highway 261N portion to Roan Mountain.

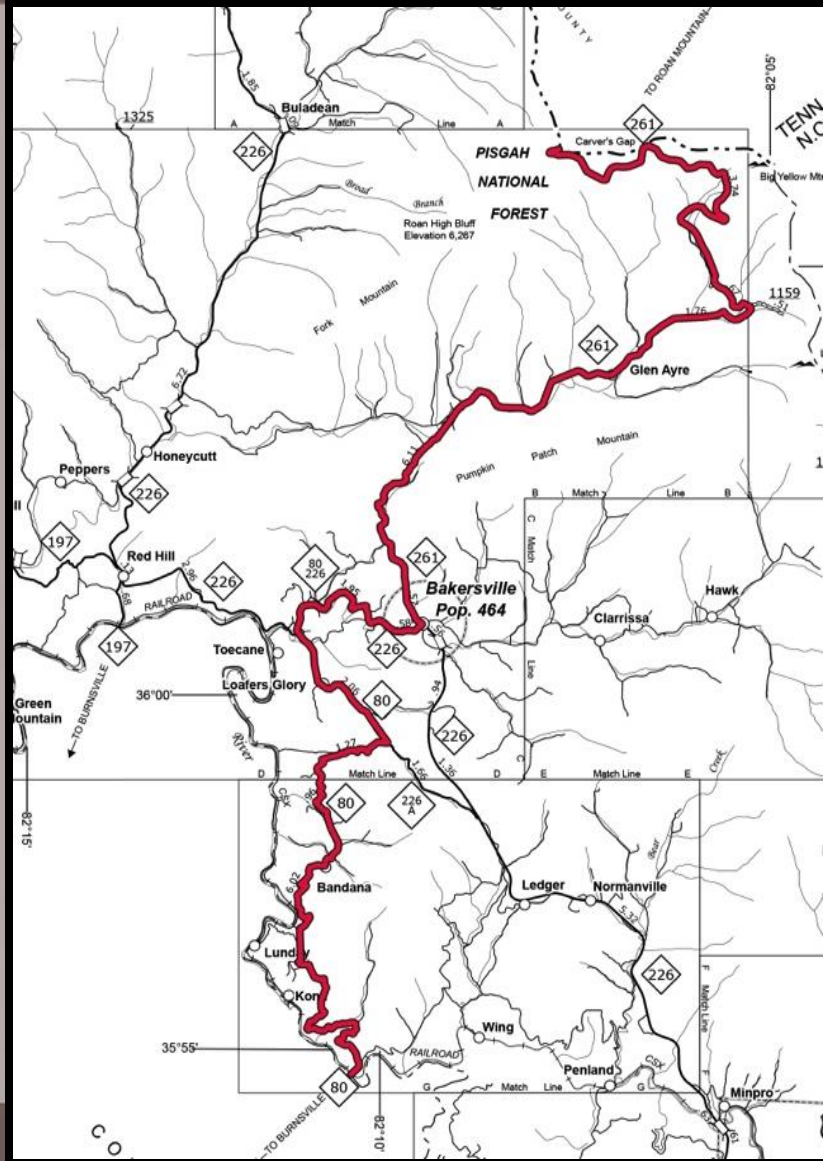


Highlands of the Roan Proposal (Mapping)

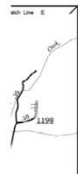
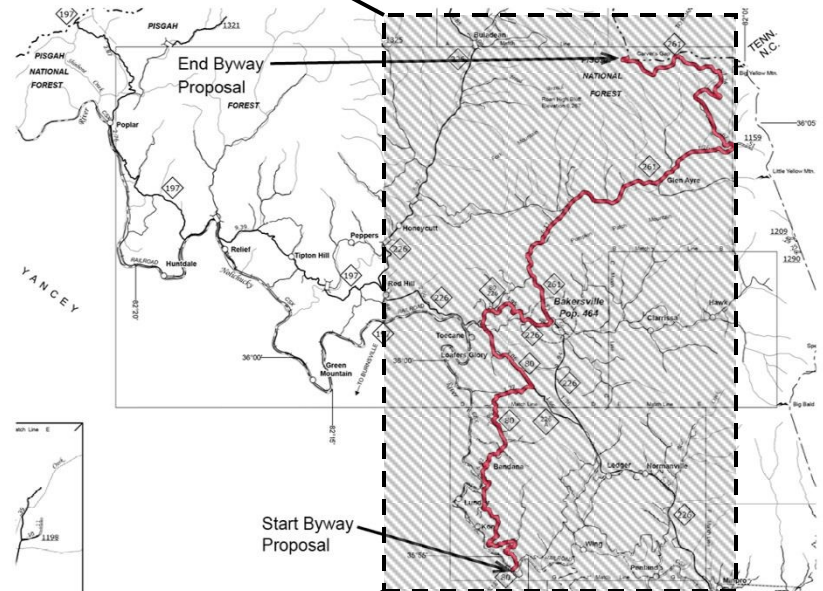


North Carolina Scenic Byways

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Highlands of the Roan Proposal (Mapping)



North Carolina Scenic Byways

annual report

Action Item # 2

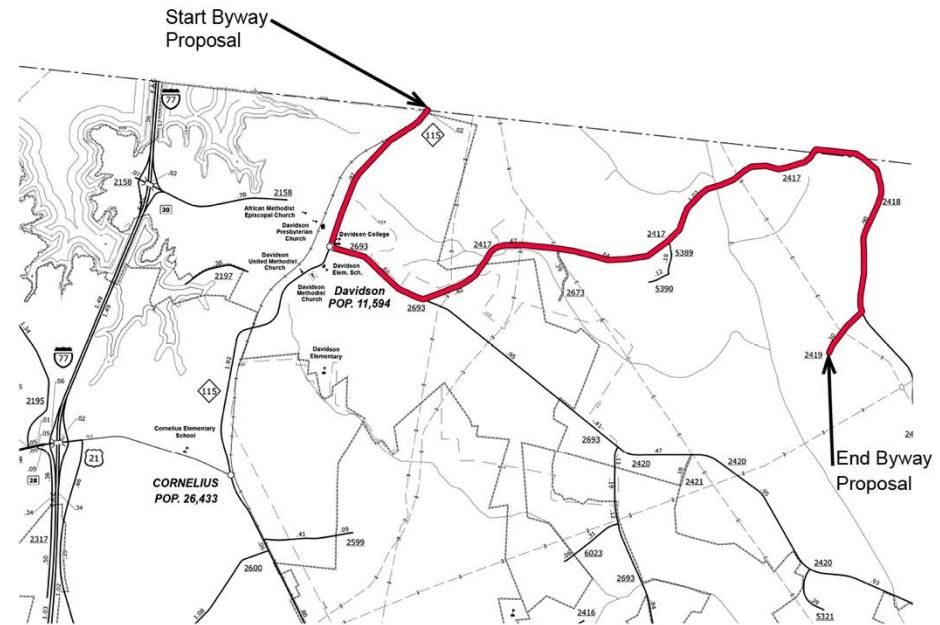
College Town Ride Byway Proposal

Recommendation:

Designate and integrate the 6 miles of the College Town Ride as part of the NC Scenic Byways.



The College Town Ride Proposal (Mapping)

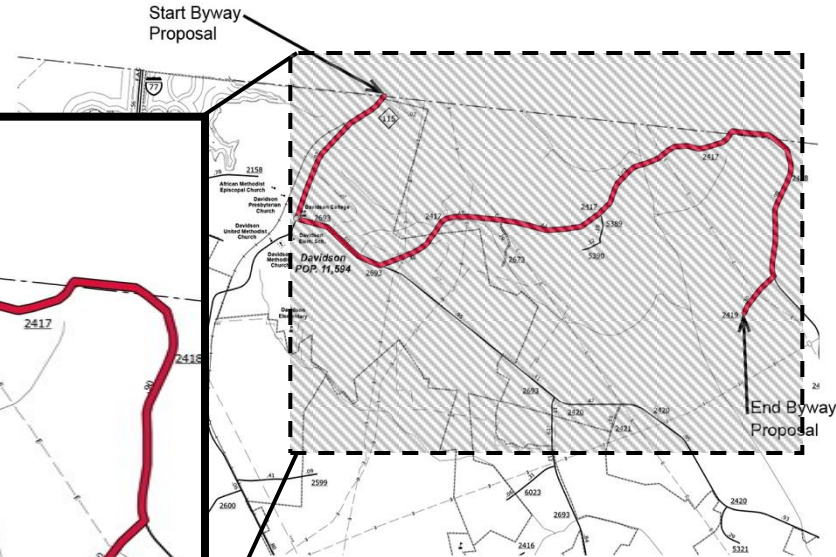
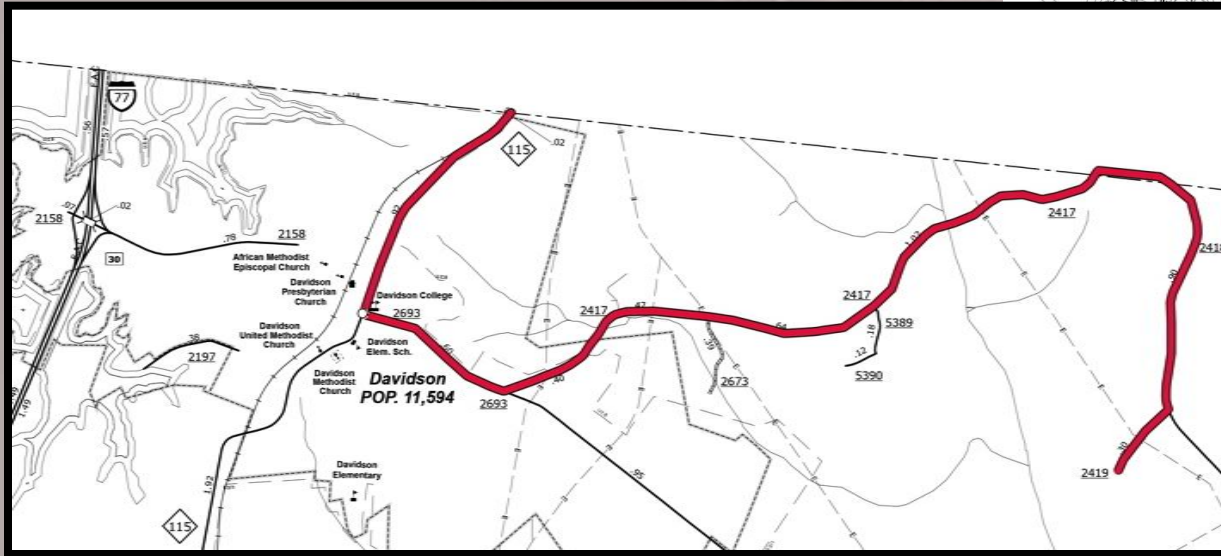


North Carolina Scenic Byways

annual report



The College Town Ride Proposal (Mapping)



North Carolina Scenic Byways

annual report

Action Item # 3

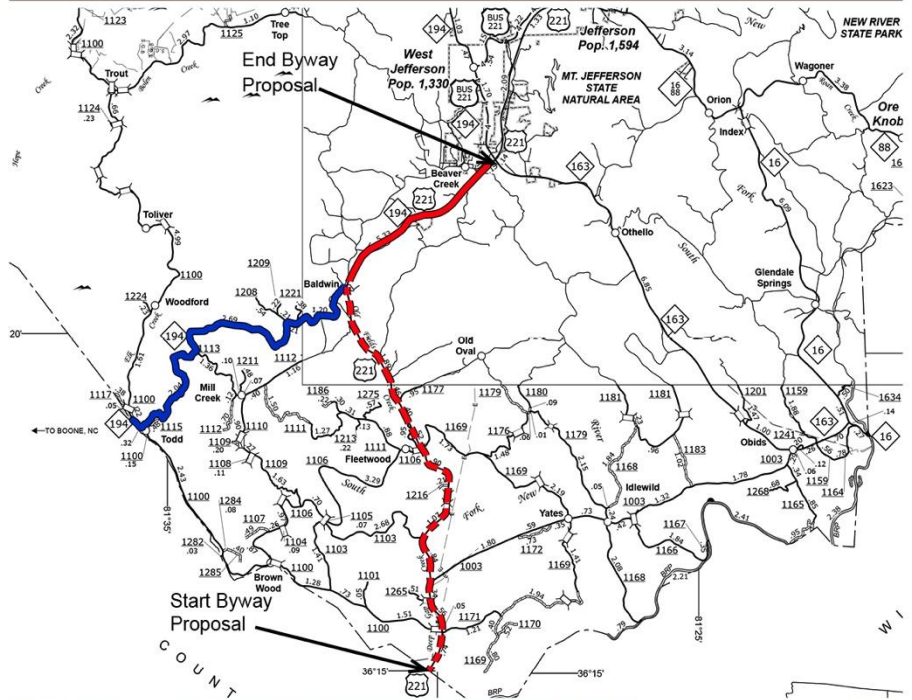
New River Valley Scenic Byway Extension

Recommendation:

Designate and integrate the 5.5 miles from the intersection of Highway 194 and US 221 to the town limits of West Jefferson as part of the NC Scenic Byways.

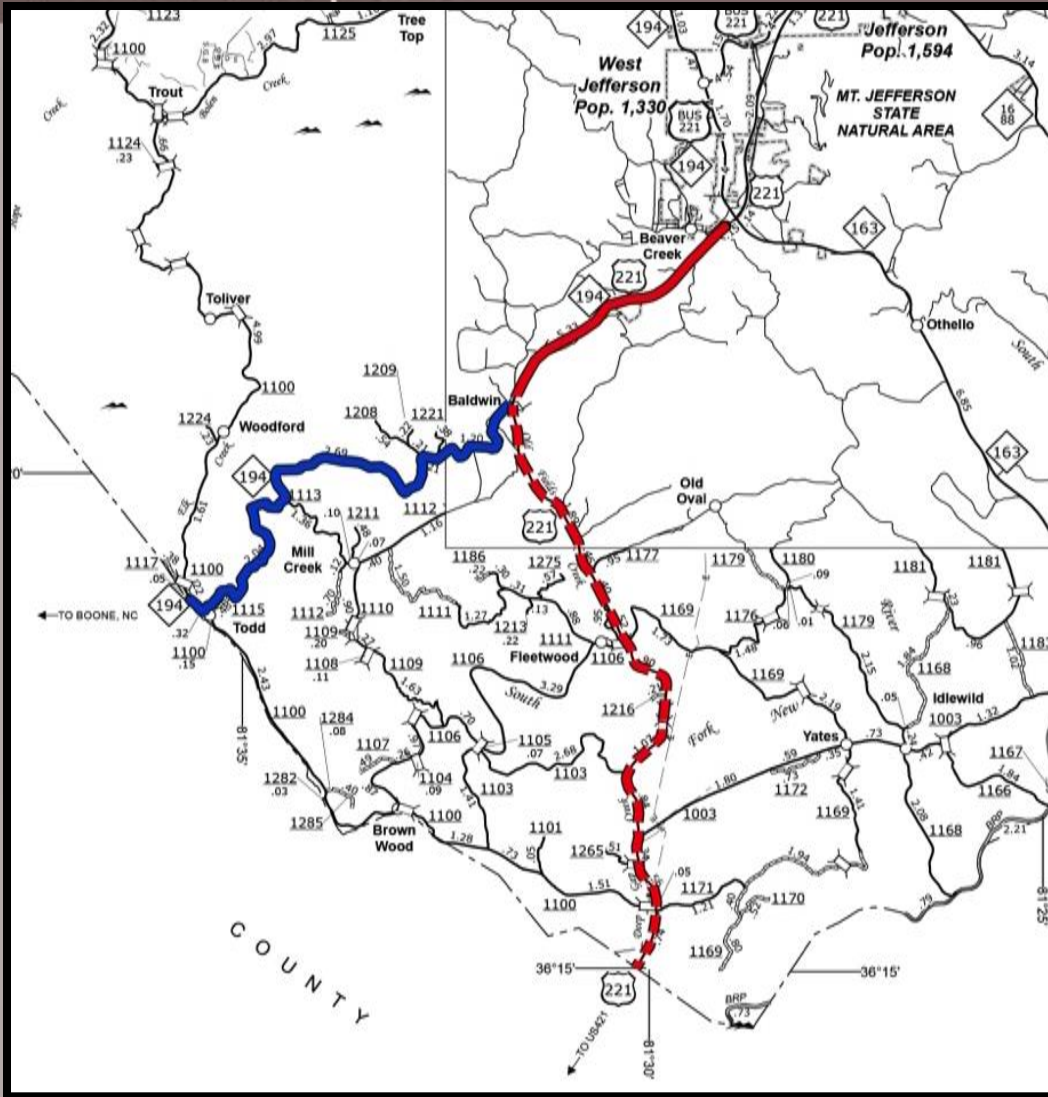


New River Valley Scenic Byway Extension (Mapping)

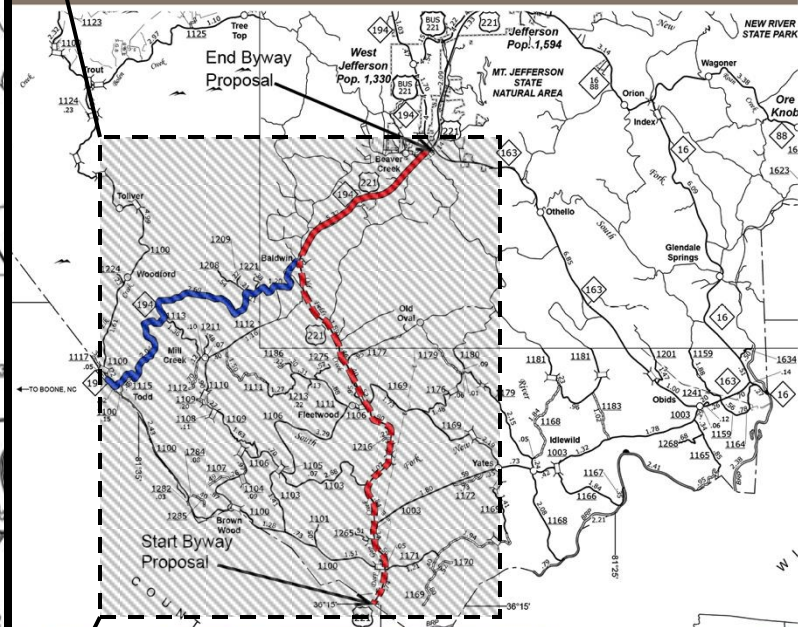


North Carolina Scenic Byways

annual report



New River Valley Scenic Byway Extension (Mapping)



RESOLUTION FOR EDWARD NORRIS TOLSON

WHEREAS, Edward Norris Tolson, one of Edgecombe County's own, has distinguished himself and is deserving of honor in his home county; and

WHEREAS, Norris Tolson grew up in Edgecombe County where he graduated from South Edgecombe High School and North Carolina State University where he served as Student Body President; and

WHEREAS, Norris Tolson served honorably in the U.S. Army Counter Intelligence Corps; and

WHEREAS, Norris Tolson had a successful career in private industry as an executive with E.I. du Pont de Nemours and Company, retiring in 1993 and returning to Edgecombe County, determined to be of service to the County and State; and

WHEREAS, in his retirement Norris Tolson served first in the North Carolina House of Representatives, later as chair of the North Carolina Hurricane Floyd Relief Fund, and subsequently as the North Carolina Secretary of Commerce, North Carolina Secretary of Transportation, and North Carolina Secretary of Revenue, contributing his administrative skills adeptly and successfully in each position; and

WHEREAS, Norris Tolson served as a Director of the North Carolina Biotechnology Center beginning in 1997, and as its President from 2007 until his retirement from that position on June 30, 2014; and

WHEREAS, Norris Tolson has been inducted into the North Carolina Business Hall of Fame and into the Twin County Hall of Fame; and has served as a Trustee of North Carolina State University and received its Distinguished Alumnus Award and Watauga Medal; and

WHEREAS, the Edgecombe County Board of Commissioners wishes to express appreciation to Norris Tolson by naming a portion of N.C. 43 in his honor.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names a portion of N.C. 43 from the eastern town limits of Pinetops to Carr Farm Road (SR 1611) in Edgecombe County as the *E. Norris Tolson Highway*.

That appropriate signs be erected at a suitable time.

Adopted, this the fourth day of December 2014 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

DBE/MB/WB LETTING SUMMARY

Federal Contract Awards Summary

Sep 2014 let through Nov 2014 let

Federal Fiscal Year 2014/2015

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
						MB		WB	
						\$	%	\$	%
Monthly	23,414,049.01	2,958,940.76	12.6	2,512,121.60	10.7	60,832.00	0.3	2,451,289.60	10.5
FY to Date	189,689,613.68	24,802,322.32	13.3	25,409,359.30	13.6	1,736,677.00	0.9	23,672,682.40	12.7

State Contract Awards Summary

Jun 2014 let through Nov 2014 let

State Fiscal Year 2014/2015

	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
		\$	%	\$	%	\$	%	\$	%
		Monthly	258,384,826.46	13,025,540.60	5.0	11,280,628.20	4.4	17,362,051.11	6.7
FY to Date	458,410,473.40	21,814,968.10	4.8	19,809,785.32	4.3	26,868,909.52	5.9	28,319,573.96	6.2

Letting Date(s): November 18, 2014
 Award Date: December 4, 2014
 Award Subject to Secretary's Approval

LETTING DATES: November 18, 2014
 AWARD DATE: December 4, 2014

				ADVERTISED GOALS SET		PARTICIPATION SUBMITTED		GOOD FAITH EFFORT AWARDED		AWARDED BY SECRETARY	
35609.3.S2 R-2519B C203358	MITCHELL, YANCEY	GRADING, DRAINAGE, PAVING AND STRUCTURES.	WRIGHT BROTHERS CONSTRUCTION COMPANY, INC.	3.0	6.0	3.0	6.0				X
34745.3.S2 U-0071 C203394	DURHAM	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.	DRAGADOS USA INC	6.0	7.0	6.0	7.0				X
5CR.10321.28, 5CR.20321.28 C203618	DURHAM	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	CAROLINA SUNROCK LLC	5.0	6.0	5.0	6.0				X
39017.3.FD1 STP-1121(9) U-3465 C203497	HARNETT	GRADING, DRAINAGE, PAVING & SIGNALS.	FSC II LLC DBA FRED SMITH COMPANY	13.0		11.0		X			X
45548.3.FR1 STPDA-1403(13) R-5523 C203599	HARNETT	GRADING, DRAINAGE, PAVING & RAIL CROSSING.	HIGHLAND PAVING CO., LLC	10.0		10.0					X
34352.2.S2 R-0623 C203494	MONTGOMERY	GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS & STRUCTURES.	J. T. RUSSELL & SONS, INC.	5.0	7.0	0.5	7.0	X			X
38398.3.FD1 BRZ-2667(1) B-4511 C203493	FORSYTH	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	SMITH-ROWE, LLC	10.0		6.5		X			X
42365.3.R1 R-5115 C203495	MACON	GRADING, DRAINAGE, PAVING AND SIGNING.	WATSON CONTRACTING, INC.	2.0	4.0	2.0	4.0				X



Financial Update

David Tyeryar, Chief Financial Officer
December 3, 2014

Financial Update

SFYTD 2015 as compared SFYTD 2014

Dollars in Millions	Oct 14	Oct 13	Year to Date		
			Oct 14	Oct 13	% Change
Revenue Collections	\$ 352	\$ 347	\$ 1,443	\$ 1,496	-3.6%
Expenditures	<u>361</u>	<u>387</u>	<u>1,493</u>	<u>1,507</u>	-0.9%
Net Change	\$ (10)	\$ (40)	\$ (50)	\$ (10)	
	Oct 14	Oct 13			
Cash Balances:					
Trust Fund	\$ 954	\$ 718			
Highway Fund*	<u>114</u>	<u>333</u>			
Totals	<u>\$ 1,068</u>	<u>\$ 1,051</u>			

*Excludes bond proceeds held by Trustee

Revenue Summary October 2014

(\$ in Millions)

	Oct 2014	Oct 2013	Year Over Year				SFY to Budget		
			2014-2015 Actual	2013-2014 Actual	\$	%	Budget to Date	\$	%
State & Federal Receipts:									
Highway Fund *	\$ 162.0	\$ 164.9	\$ 663.1	\$ 684.0	\$ (20.9)	-3%	\$ 665.9	\$ (2.8)	0%
Highway Trust Fund *	102.4	99.3	411.4	398.7	12.7	3%	395.6	15.8	4%
Total State Funds	264.3	264.2	1,074.5	1,082.7	(8.2)	-1%	1,061.5	13.1	1%
Federal Funds/Participation	87.3	82.5	368.4	413.7	(45.3)	-11%	389.8	(21.4)	-5%
Total	\$ 351.6	\$ 346.7	\$ 1,442.9	\$ 1,496.4	\$ (53.5)	-4%	\$ 1,451.2	\$ (8.3)	-0.6%

* Memo	Oct 2014	Oct 2013	Year Over Year				SFY to Budget		
			2014-2015 Actual	2013-2014 Actual	\$	%	Budget to Date	\$	%
Highway Fund & Trust Fund Details									
Motor Fuel Taxes	\$ 154.0	\$ 157.8	\$ 637.4	\$ 646.6	\$ (9.2)	-1%	\$ 634.0	\$ 3.4	1%
Highway Use Tax	54.8	51.3	215.6	202.8	12.8	6%	202.4	13.2	7%
DMV/Other Revenue	55.1	54.7	220.2	232.1	(11.9)	-5%	224.2	(3.9)	-2%
Investment Income	0.4	0.4	1.3	1.2	0.1	10%	0.9	0.4	46%
Total	\$ 264.3	\$ 264.2	\$ 1,074.5	\$ 1,082.7	\$ (8.2)	-0.8%	\$ 1,061.5	\$ 13.1	1%

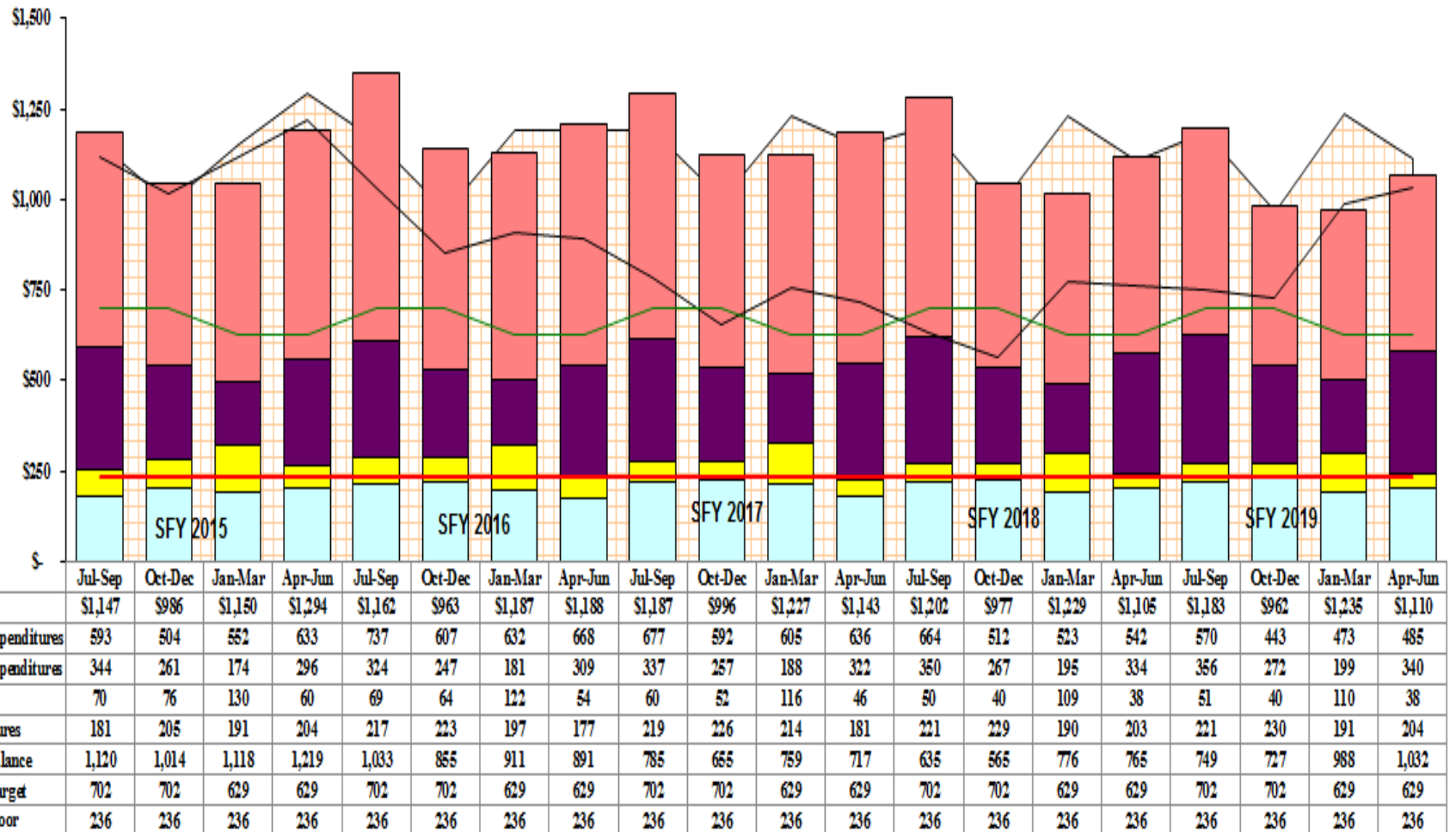
Expenditure Summary October 2014

(\$ in millions)

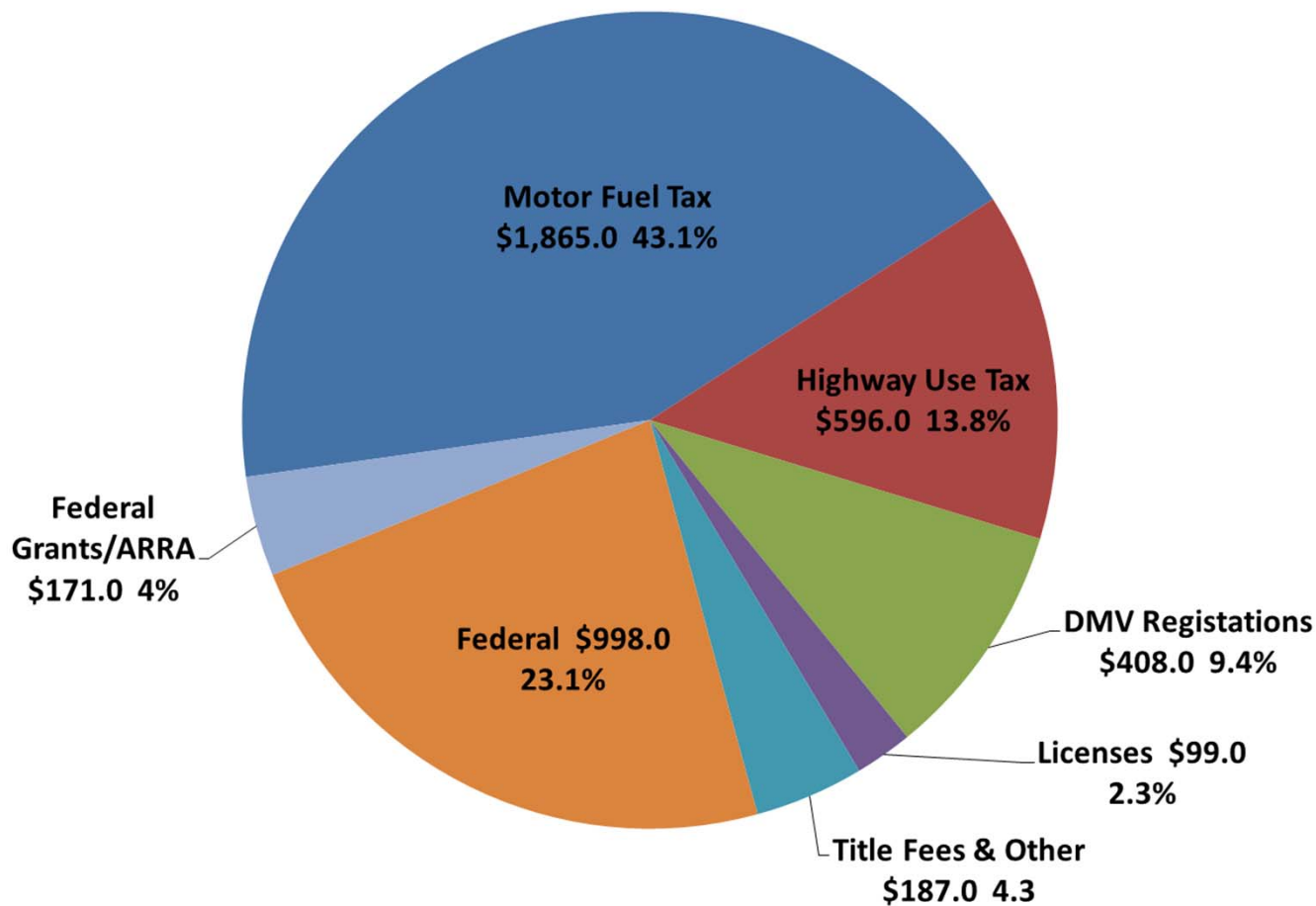
			Year Over Year				SFY to Budget		
	Oct 2014	Oct 2013	2014-2015	2013-2014			2014-2015		
			Actual	Actual	\$	%	Budget	\$	%
State & Federal Funded Programs:									
Construction	\$ 185.8	\$ 204.2	\$ 756.0	\$ 708.2	\$ 47.8	7%	\$ 673.1	\$ 82.9	12%
Maintenance	120.7	127.0	461.0	485.6	(24.6)	-5%	439.2	21.8	5%
Public Transportation	8.8	17.4	23.6	53.7	(30.1)	-56%	44.3	(20.7)	-47%
Other Modal/Other Programs	14.9	12.0	54.1	46.6	7.5	16%	42.5	11.6	27%
Administration	21.7	15.7	56.7	69.4	(12.7)	-18%	78.8	(22.1)	-28%
Municipal Aid	-	-	73.4	72.8	0.6	0%	73.4	-	0%
Transfers to Other Agencies	9.4	10.2	68.5	70.4	(1.9)	-3%	70.3	(1.8)	-3%
Total Expenditures	\$ 361.3	\$ 386.6	\$ 1,493.2	\$ 1,506.7	\$ (13.5)	-1%	\$ 1,421.5	\$ 71.6	5%

60 Month Cash Model

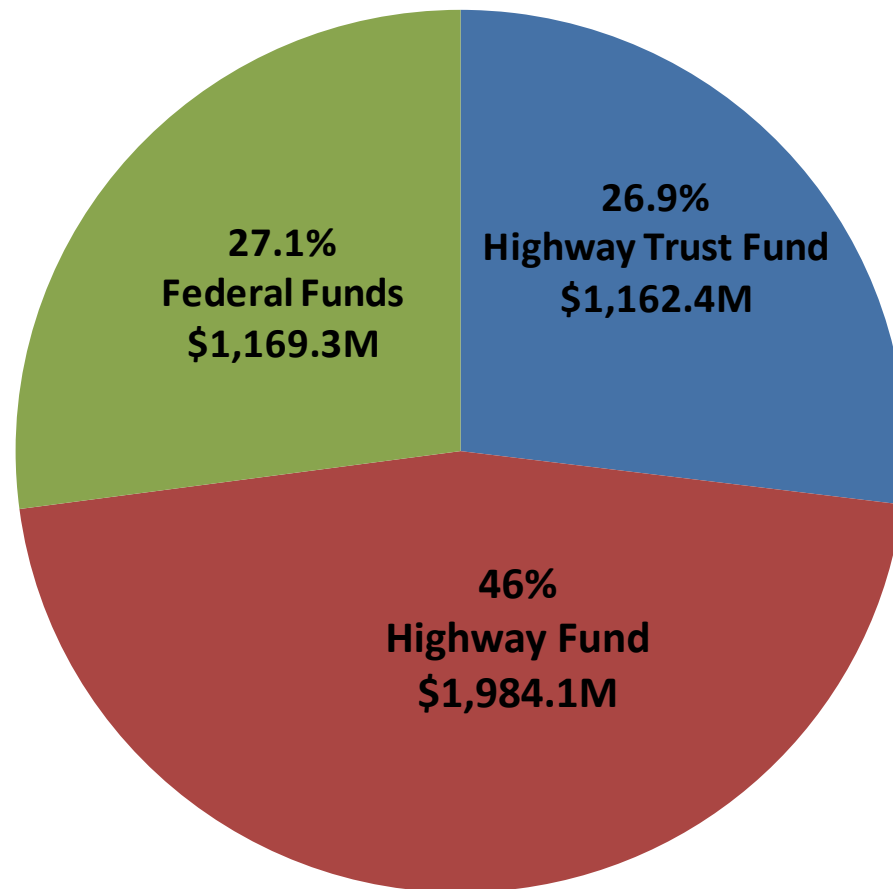
Projections as of October 2014



NCDOT Revenue Sources SFY2015 - \$4.3 Billion



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

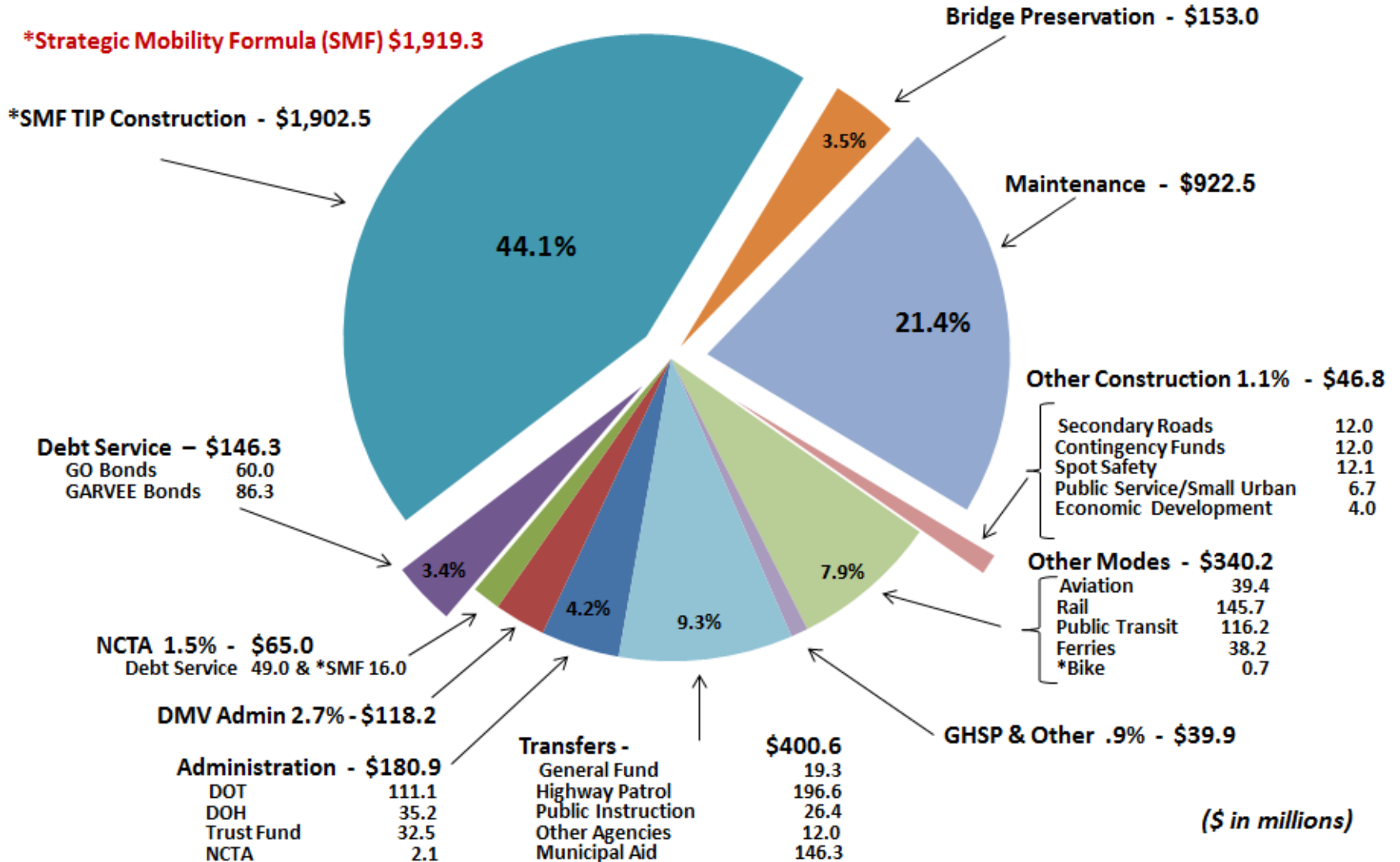


(Excludes Receipt Supported Funding of \$0.1B)

Uses of 2014-15 NCDOT Appropriations

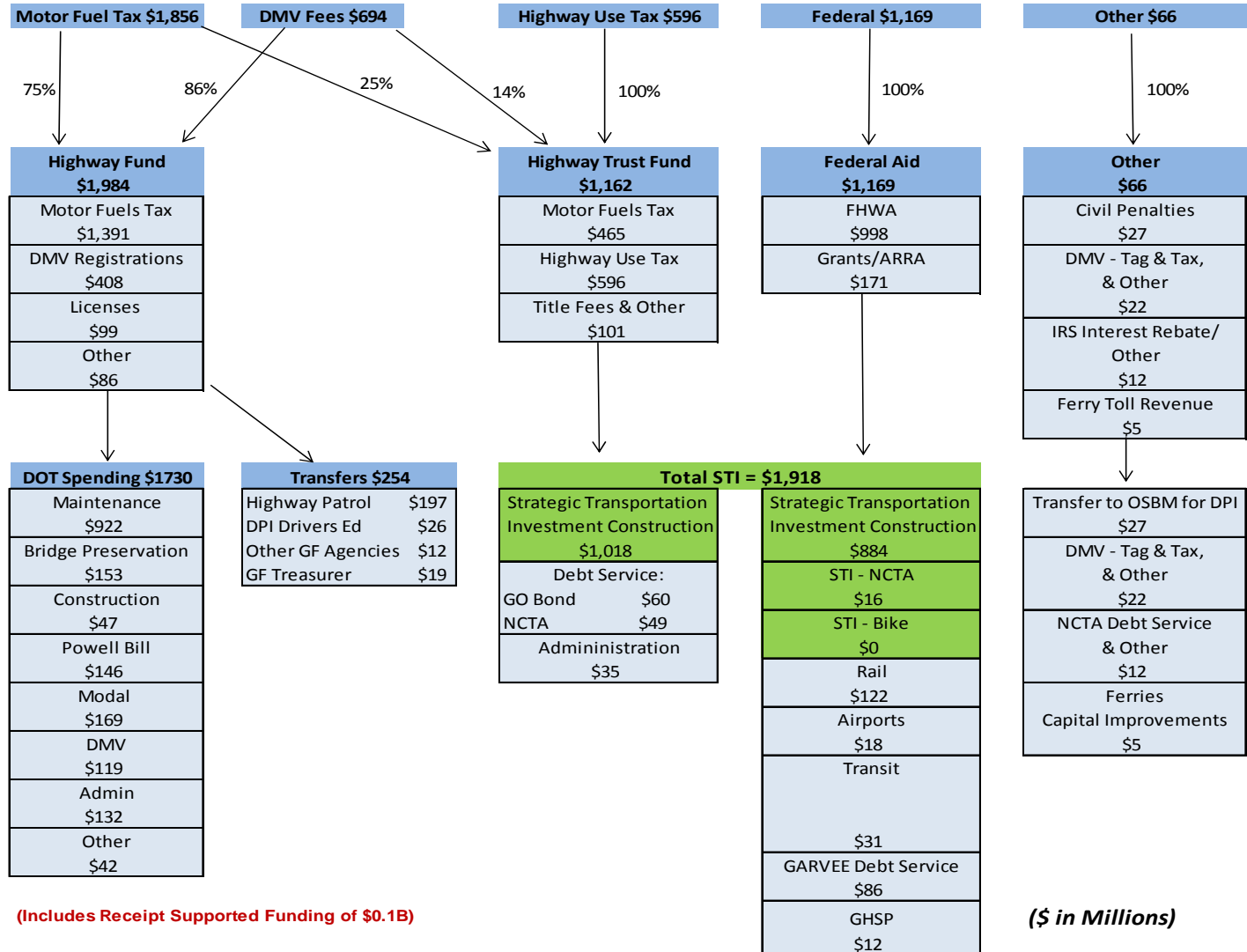
Total Funding = \$4.3 Billion

(Excludes Receipt Supported Funding of \$0.1B)



SFY2015 NCDOT Sources and Uses

Total Funding = \$4.4 Billion



Right of Way & Preliminary Engineering Expenditures

SFY 2015 Period Ending October 2014

	1st Quarter SFY	2nd Quarter SFY	3rd Quarter SFY	4th Quarter SFY	SFY Totals	SFY Target	% of Target
Right of Way:							
TIP Projects (excluding GV)	\$ 60.1	\$ 26.3			\$ 86.4	\$ 290.0 ▼	30%
Garvee Projects (GV)	2.5	0.0			2.5	101.9 ▼	2%
Total TIP Projects	\$ 62.6	\$ 26.3	\$ -	\$ -	\$ 88.9	\$ 391.9	
Preliminary Engineering:							
TIP Projects (excluding TA)	\$ 40.6	\$ 15.2			\$ 55.8	\$ 165.0 ▼	34%
Toll Authority (TA) Projects	1.2	0.2			1.4	4.4 ▼	32%
Total TIP Projects	\$ 41.8	\$ 15.4	\$ -	\$ -	\$ 57.2	\$ 169.4	

MEMO: State Fiscal YTD Totals Exclude Specific Allocations

(\$ in Millions)

FFY 2014 Federal Rail Scorecard

As of October 31, 2014

ARRA Rail Grant Awards (Inception to Date)

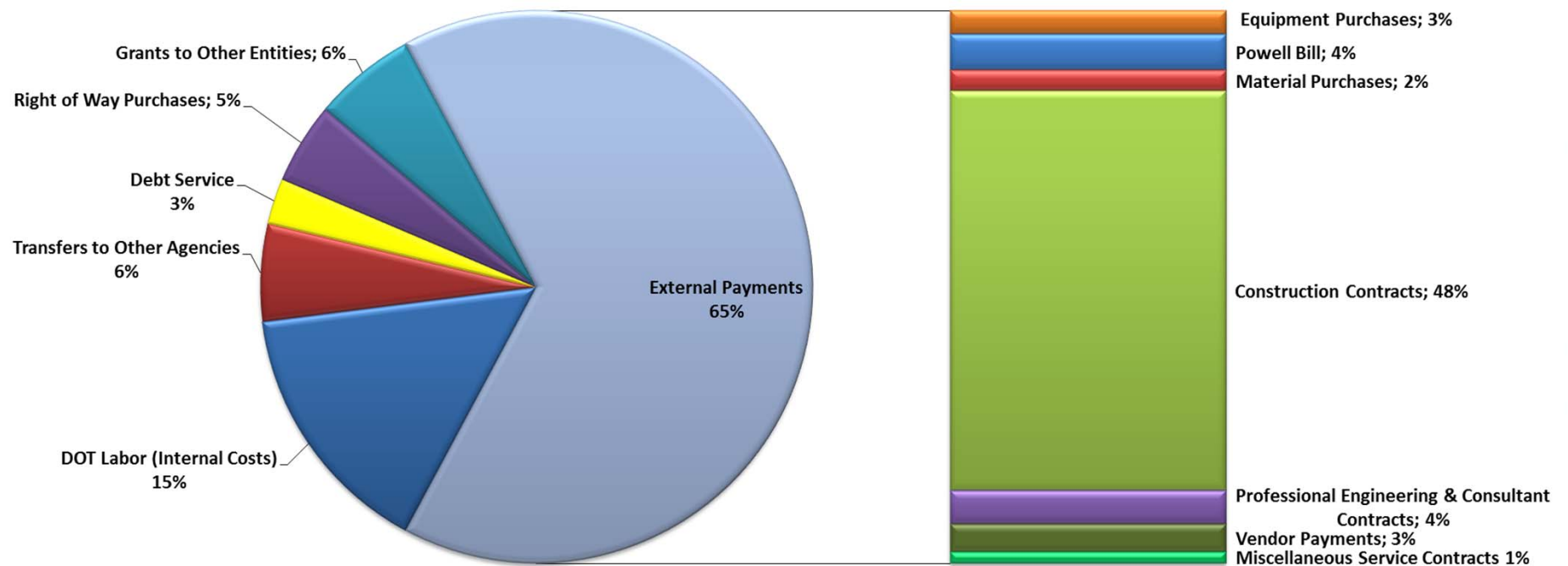
GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	PENDING BILL AMOUNTS	AVAILABLE TO BILL	EXCEPTIONS
NCDOT Piedmont Third & Fourth Frequency Equipment Procurement & Rehabilitation Period of Performance End Date 9-30-2017	\$ 520,000,000	\$ 512,781,680	\$ 188,207,455	\$ 180,036,876	\$ -	\$ 8,170,579	
SE High Speed Rail Corridor PE/NEPA - Richmond, Va to Raleigh, NC Period of Performance End Date 9-01-2015	\$ 4,000,000	\$ 4,000,000	\$ 3,670,109	\$ 3,652,301	\$ -	\$ 17,808	
NCDOT Intercity Passenger Rail Congestion Mitigation Period of Performance End Date 8-30-2014	\$ 26,560,839	\$ 26,560,839	\$ 736,056	\$ 727,278	\$ -	\$ 8,778	
TOTAL ARRA	\$ 550,560,839	\$ 543,342,519	\$ 192,613,620	\$ 184,416,455	\$ -	\$ 8,197,165	\$ 8,000,108

FEDERAL Rail Grant Awards (NON-ARRA)

GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	PENDING BILL AMOUNTS	AVAILABLE TO BILL	EXCEPTIONS
Traditional Rail Projects - Various	\$ 22,000,000	\$ 28,920,887	\$ 247,481	\$ 30,464	\$ -	\$ -	\$ (924,672)

NCDOT Expenditures

SFYTD as of October 31, 2014





North Carolina
DEPARTMENT OF TRANSPORTATION

Maintenance Allocation Updates

Jennifer Brandenburg, PE

December 3, 2014



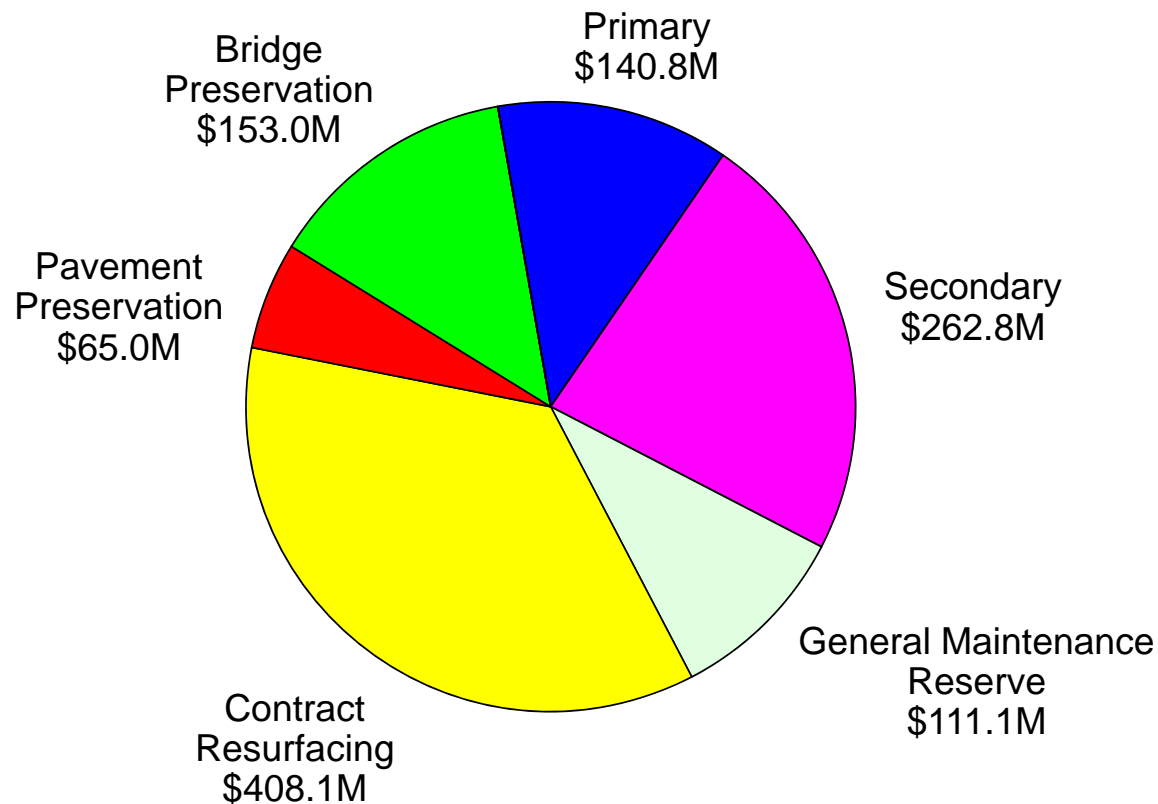
Outline

- Funding History
- Final Allocations
- Challenges
- Next Steps

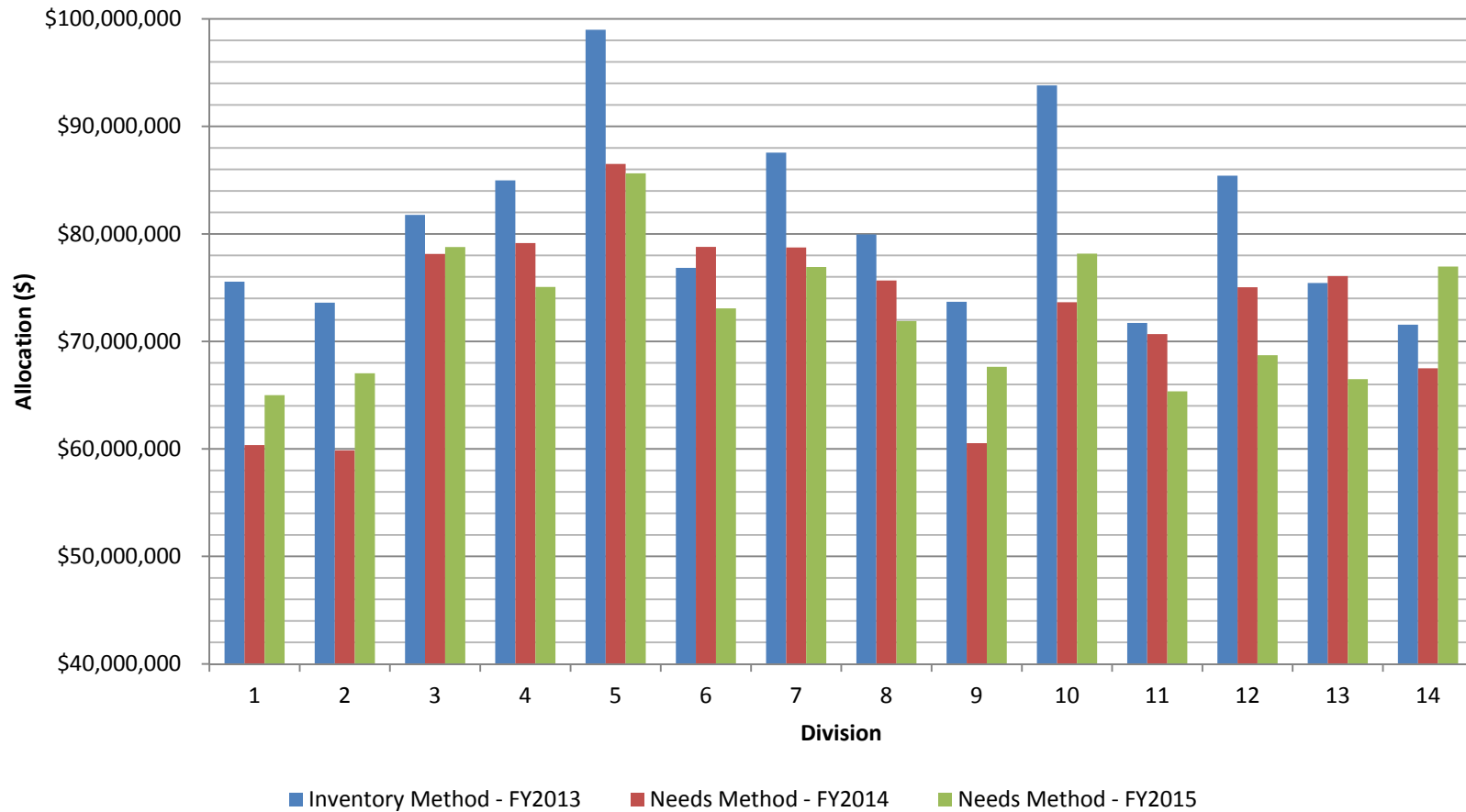
FY 2015 Funding History

- Governor's budget numbers (\$1,048 M)
- Legislature appropriated(\$1,075 M)
 - Primary (\$140,8 M)
 - Secondary (\$262.9 M)
 - General Maintenance Reserve (\$45.6 M)
 - Bridge Program (\$153.0 M)
 - Contract resurfacing (\$408.2 M)
 - Pavement preservation (\$65.0 M)
- Additional General Maintenance Reserve allocation (\$65.5 M)
- Total FY 15 Maintenance Allocation (\$ 1,141 M)

Final FY15 Funding By Category



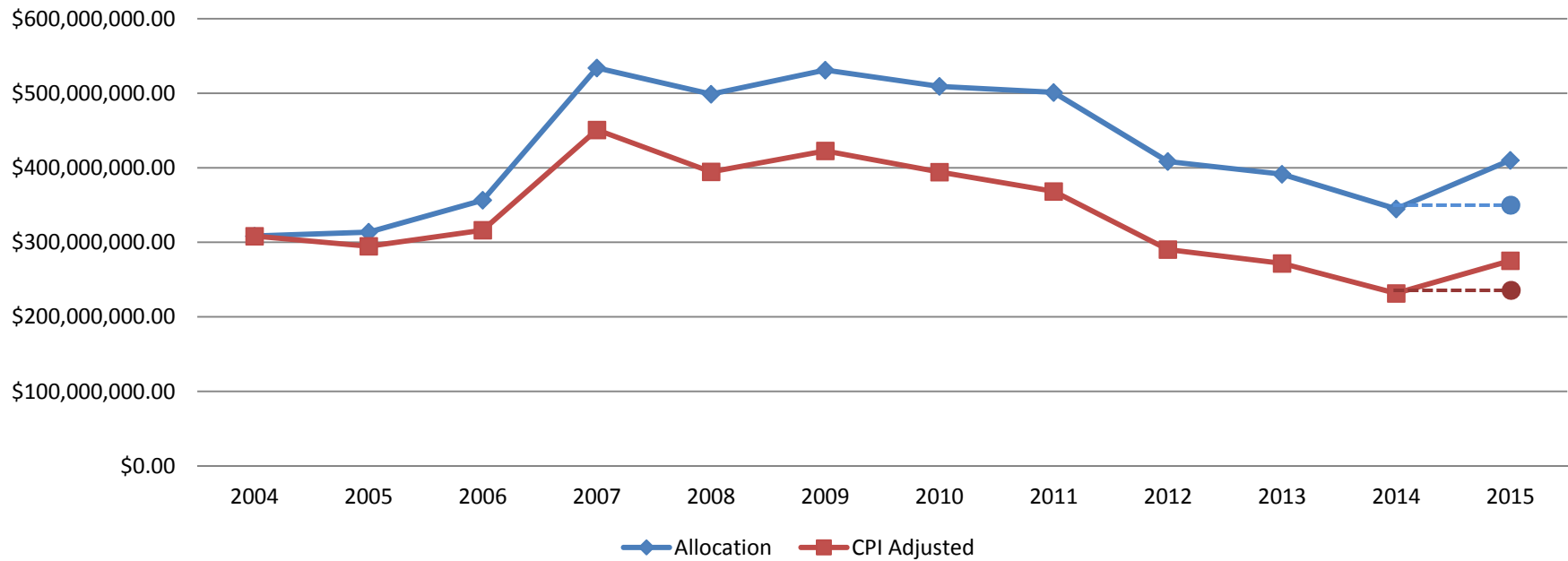
Division Funding



FY 2015 Maintenance Allocations

• Total Maintenance	\$ 1,141.0M
• Contract Resurfacing	\$ 408.2M
• Pvmnt. Preservation	\$ 65.0M
• Bridge Program	\$ 153.0M
• Statewide Emg. & Admin.	\$ 90.8M
• Division Emg. & Admin. (Includes Transfers from TF)	<u>\$ 53.3M</u>
• General Maintenance Alloc.	\$ 370.7M

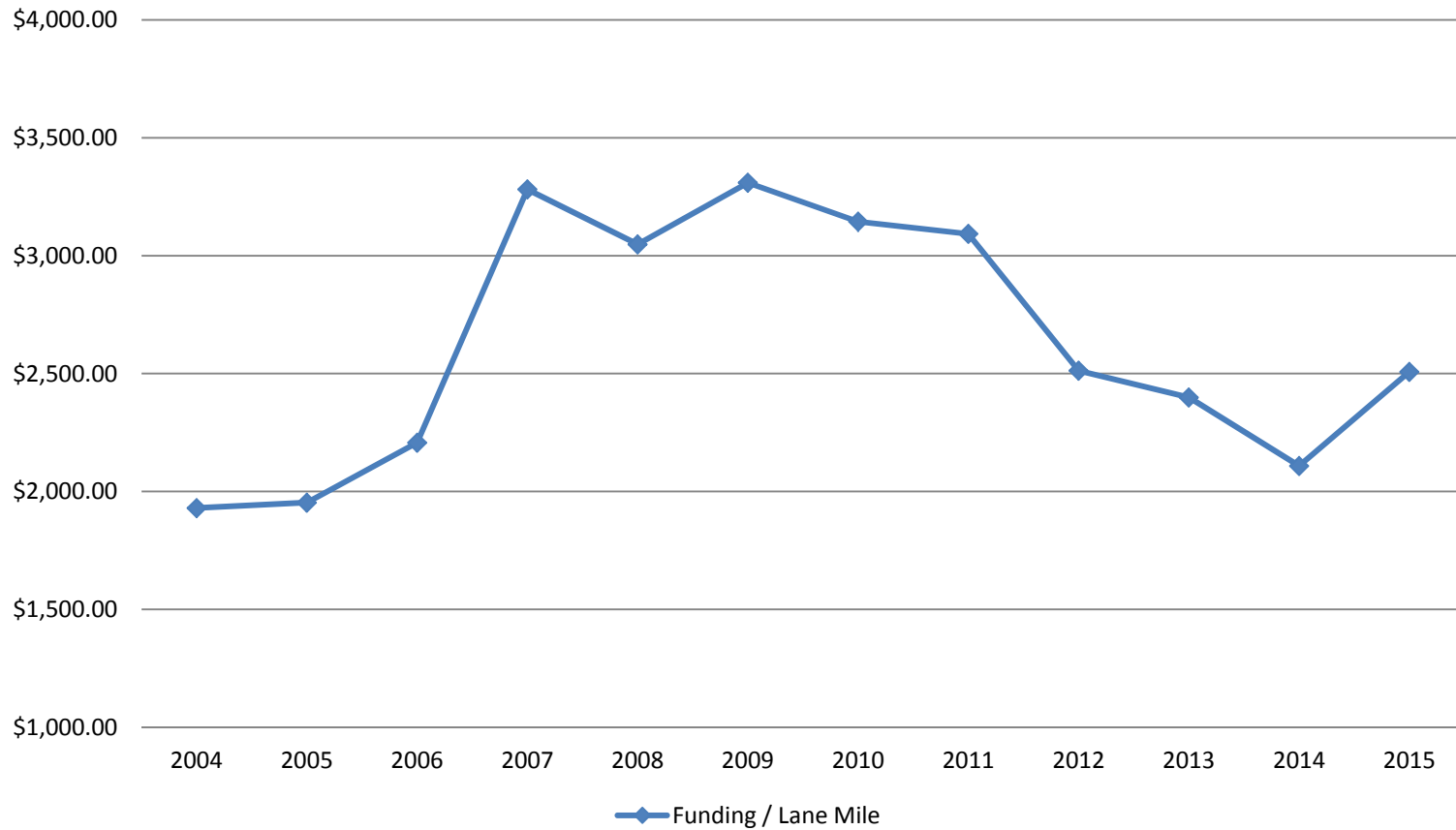
General Maintenance Funding



Challenges

- Material Costs
 - Asphalt (+133%)
 - Salt (+134%)
 - CRS2 (+162%)
- Unit Costs
 - Patching (-8%)
 - Pipe Installation (+35%)
 - Guardrail Installation (+114%)
 - Striping (+50%)

Funding Per Lane Mile



Next Steps

- Highway System Condition and Maintenance Needs Report
- Needs Based Budgeting
 - NCDOT identified revisions
 - KPMG recommendations
- Long Session initiatives
 - Reduced funding constraints
 - Increased funding

Summary

- Maintenance funding slightly better than anticipated
- CPI adjusted funding is below 2004 levels
- Needs Based Budgeting revisions are coming
- Reducing funding constraints increases the opportunity for improving NC's infrastructure



AUDIT COMMITTEE AGENDA DECEMBER 3, 2014

BOARD OF TRANSPORTATION DECEMBER 3, 2014

TIME: 2:00 PM

LOCATION: Conference Room 160

TOPIC	PRESENTER	TIME
Call to Order	Ned Curran	5 minutes
Approval of November Meeting Minutes	Ned Curran	2 minutes
OIG Status	Mary Morton	35 minutes
Adjourn	Ned Curran	3 minutes



FUNDING & APPROPRIATION STRATEGIES COMMITTEE MEETING MINUTES

DATE: 11/05/2014 **TIME:** 1:12 PM **LOCATION:** EIC

MEETING CALLED BY	Ms. Cheryl McQueary, Chair
BOARD ATTENDEES	Ms. Cheryl McQueary, Chair, Mr. Jim Crawford, Vice-Chair, Mr. David Brown, Mr. David Burns, Mr. Malcolm Fearing, Mr. John Lennon, Mr. Jim Palermo, Mr. Andy Perkins, Mr. Gus Tulloss, Mr. David Tyeryar (staff)

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF OCTOBER MINUTES	
DISCUSSION SUMMARY	Moved by Mr. Burns and seconded by Mr. Palermo
ACTIONS TAKEN	Approval (unanimously)
2. LEAN 6 SIGMA – PURCHASING PROJECT – LISA PENNY	
DISCUSSION SUMMARY	Made presentation of information on Lean 6 Sigma's methodology of process improvement to become more efficient in NCDOT. Focus of presentation was the Purchases <\$5,000 procurement process.
ACTIONS TAKEN	None – received information
3. CASH MANAGEMENT – SAS CONTRACT REPORT – MR TYERYAR	
DISCUSSION SUMMARY	Made presentation of information on the SAS Construction Model showing a more accurate prediction of construction expenditures and allowing forecasting at project categories and individual project levels.
ACTIONS TAKEN	None – received information



FUNDING & APPROPRIATION STRATEGIES COMMITTEE (FAST) AGENDA

BOARD OF TRANSPORTATION DECEMBER 3, 2014

TIME: 1:00 – 2:00 p.m.

LOCATION: Board Room (150)

TOPIC	PRESENTER	TIME
Call to Order - Approval of November minutes	Cheryl L. McQueary, Chair	1:00 – 1:10
Powell Bill	Stephanie Benson	1:10 – 1:40
Comments and Wrap-up	Cheryl L. McQueary, Chair	1:40 -

N.C. Department of Transportation Program Development Branch



Powell Bill Program (State Street-Aid)

General Statutes 136-41.1 – 136-41.4

The FAST (Funding & Appropriation Strategies) Committee Meeting

December 3, 2014



HISTORY

- Law passed in 1951
- To provide financial assistance for municipal-maintained streets
- State Senator Junius K. Powell, an attorney & former Mayor of Whiteville, led the signatures on the bill as it was introduced, which resulted in the naming of the “Powell Bill”
- First Powell Bill funds were distributed in the Fall of 1951 (\$4.5 million among 386 participating municipalities)





General Statutes 136-41.1 – 136-41.4

General Statutes 136-41.1 through General Statutes 136-41.4 require the N.C. Department of Transportation to “annually appropriate out of State Highway Fund a sum equal to **ten and four-tenths percent (10.4%)** of the net amount after refunds that was produced during the fiscal year by the tax imposed under Article 36C of Chapter 105 of the General Statutes and on the equivalent amount of alternative fuel taxed under Article 36D of that Chapter.

One-half of the amount appropriated shall be allocated in cash on or **before October 1** of each year to the cities and towns of the State in accordance with this section. The **second one-half** of the amount appropriated shall be allocated in cash on or before **January 1** each year to the cities and towns of the State in accordance with this section.”





PURPOSE

N.C.G.S. 136-41.3 provides, in part: “the funds allocated to cities and towns under the provisions of G.S. 136-41.2 shall be expended by said cities and towns only for the purpose of maintaining, repairing, constructing, reconstructing or widening of any street or public thoroughfare including bridges, drainage, curb and gutter, and other necessary appurtenances **within the corporate limits** of the municipality or for meeting the municipality's proportionate share of assessments levied for such purposes, or for the planning, construction and maintenance of bikeways, greenways or sidewalks.”





MUNICIPAL PARTICIPATION REQUIREMENTS

Incorporation Date:

Prior to 1945

- Election
- Ad valorem tax or other operating funds

1945 – 1999

- Election
- Ad valorem tax > \$.05 on a \$100 valuation
- 2 qualifying municipal services

2000 – Present

- Election
- Ad valorem tax > \$.05 on a \$100 valuation
- 4 qualifying municipal services



***All municipalities must maintain street mileage to participate in the Program.**



FUNDING

State Highway Fund

- 1951 – 1971 -- 1/2 cent per gallon of motor fuel
- 1972 – 1981 -- 1 cent per gallon of motor fuel
- 1982 – 1986 -- 1 3/8 cent per gallon of motor fuel
- 1987 – 2012 -- 1 3/4 cent per gallon of motor fuel
- 2013 – 2014 -- 10.4% of the net amount collected after refunds

Highway Trust Fund

- 1990 – 2012 -- 6.5% of the net amount collected after refunds

*As of the 2013 Powell Bill distribution, all funds were from the State Highway Fund.





ALLOCATION FORMULA

Population

75%

Certified Mileage*

25%

2014 Allocation
\$147,310,111.15

5,374,873 population = \$20.5553849 per capita

22,416.85 miles = \$1,642.85 per mile



* Mileage of the public streets which are not part of the state highway system.



ELIGIBLE ACTIVITIES

- **Construction, planning and maintenance on streets, sidewalks, bikeways, and greenways such as:**
 - Curb and gutter, storm drainage, patching, resurfacing, widening, snow removal, sand and debris removal resulting from natural causes, street sweeping, purchase or rental of equipment
- **Traffic control such as:**
 - Purchase and maintenance of traffic control devices, traffic signs for proper traffic control, speed bumps, traffic paint for on-street parking or crosswalks, traffic cones
- **Municipal Street Bond Debt Service such as:**
 - Current payment of principal or interest due on bonds outstanding issued exclusively for streets and sidewalks.





INELIGIBLE ACTIVITIES

- Construction, maintenance or repair on private streets
- Street lighting
- Construction or maintenance of off-street parking areas or facilities
- Street name signs
- Street repairs necessitated by utility installation or repairs
- Indirect costs such as budget administration, data processing, office equipment, supplies, etc.
- Leaf vacuums
- Salaries or other expenses for traffic policeman
- Police cars and motorcycles
- Construction of equipment shed for housing street equipment





State Street-Aid (Powell Bill) Program

Powell Bill allocations are made to incorporated municipalities which establish their eligibility and qualify per North Carolina General Statute 136-41.1 through 136-41.4.

Home > Local Governments > State Street-Aid

Powell Bill Program

Annually, State Street-Aid (Powell Bill) allocations are made to incorporated municipalities which establish their eligibility and qualify as provided by G.S. 136-41.1 through 136-41.4. The general statutes require that a sum equal to ten and four-tenths percent (10.4%) of the net amount after refunds that was produced during the fiscal year by the tax imposed be disbursed to the qualifying municipalities. The statutes also provide that funds be disbursed to the qualified municipalities on or before October 1st and January 1st, thereby allowing sufficient time after the end of the fiscal year for verification of information and to determine the proper allocations and preparation of disbursements. Powell Bill funds shall be expended only for the purposes of maintaining, repairing, constructing, reconstructing or widening of any street or public thoroughfare within the municipal limits or for planning, construction, and maintenance of bikeways, greenways or sidewalks.

For questions concerning the Powell Bill Program, please [Contact Us](#)

NC State Street Aid Allocations

[2014 State Street-Aid Allocations to Municipalities](#)



[2013 State Street Aid Allocations to Municipalities](#)



Requirements

[Powell Bill Participation Requirements](#)



[Powell Bill General Statutes \(State Street-Aid Allocation Law\)](#)



[Powell Bill General Statute Changes effective 7/1/11](#)



[Powell Bill Compliance Supplement \(Non -State System Street-Aid Allocation\)](#)



New Powell Bill Reporting System

[Logon to Powell Bill Reporting System \(PBRS\)](#)

[Important Dates to Remember](#)



[Powell Bill Partner Connect Access Authorization Form](#)



[Access Information](#)





NEW Powell Bill Reporting System (PBRs)

Partner Connect - Benefits to Powell Bill Recipients

- Submit Certified Statement and Powell Bill Reports electronically
- Improved communication
- Online from anywhere access
- Improve accuracy and efficiencies
- Reduce postage cost
- View Powell Bill allocation, expenditures, balance & history



Powell Bill Reporting System (PBRs)



GRANTS

Welcome Majed Al-Ghandour

[Personalize](#) [System News](#) [Log Off](#)

Saved Searches ▾

Go

[Advanced](#)



Home

[Back](#) ▾



Help

Home

Worklist

Accounts ▶

Applications ▶

Reports

Help

Powell Bill FAQ's

FAQ's ▶



Recent Items

- Agreement Analysis
- Grantor Application:...
- Grantor Program: Cu...
- Grants Dashboard
- Grantor Planned vs...
- P2012_DEMONSTR...

Allocation Links

- Agreements
- Claims
- Edit Fiscal Data Report
- Expenditure report/Fiscal Data
- Population Upload
- Programs

Create

- Expenditure Report
- Fiscal Data Report

Workflow Tasks

No result found

Reports

- Agreement Analysis
- Application Analysis
- Claim Analysis
- Fiscal Data Extraction
- Grantor Dashboard
- Grants Planned vs Actual Exp.
- Program Overview
- User's Report Variants



Powell Bill Program

Website: www.ncdot.gov/ncpowellbill

Stephanie Benson, Program Manager

sbenson@ncdot.gov

919-707-4586





Program Development

Dr. Majed Al-Ghandour, PE

Assistant Branch Manager

malghandour@ncdot.gov

919-707-4621





HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 11-5-2014 TIME: 9:00 AM LOCATION: 150

MEETING CALLED BY	Jake Alexander
BOARD ATTENDEES	Committee: Alexander, Palermo, Burns, Brown, Blount, Crawford, Grannis, Overholt, Kernea

AGENDA TOPICS

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

2. SCENIC BYWAY ADDITIONS- JEFF LACKEY, SCENIC BYWAY COORDINATOR, ROADSIDE ENVIRONMENTAL UNIT	
DISCUSSION SUMMARY	Mr. Lackey described three proposed NC Scenic Byways additions: Highlands of the Roan Byway (30 miles along NC 80N, NC 226, and NC 261N, Mitchell County); The College Town Ride Byway (6 miles along NC 115, SR 2693, and SR 2419, Mecklenburg and Iredell Counties); and The New River Valley Byway Extension (12.25 miles along US 221, Ashe County).
ACTIONS TAKEN	Palermo made a motion to recommend Board approval of the three proposed Scenic Byways, Brown seconded, and, after no further discussion, the Committee voted to approve.

3. MAINTENANCE ALLOCATION UPDATES - JENNIFER BRANDENBURG, PE, STATE ASSET MANAGEMENT ENGINEER	
DISCUSSION SUMMARY	Ms. Brandenburg described the maintenance funding outlook as reflected in the approved FY 2015 budget. Although the maintenance funding in the final budget is slightly better than originally anticipated, the CPI adjusted funding is still below 2004 levels.
ACTIONS TAKEN	



HIGHWAYS COMMITTEE MEETING MINUTES

4. PROJECT DELIVERY IMPROVEMENT INITIATIVE- GLENN MUMFORD, PE, STATE ROADWAY DESIGN ENGINEER & JEFF ROERDEN, MSOD, MANAGEMENT ENGINEER, GOVERNANCE OFFICE	
DISCUSSION SUMMARY	Mr. Mumford and Mr. Roerden described the highway Project Development / Delivery Process, which was chosen as one of the initial Lean Six Sigma projects. A cross-functional team has been working on shortening the process by focusing primarily on cycle time, schedule, scope, and efficiency.
ACTIONS TAKEN	

5. INNOVATIVE TECHNOLOGY FOR MATERIALS TRACKING- CHRIS PEOPLES, PE, STATE MATERIALS ENGINEER	
DISCUSSION SUMMARY	The Materials and Tests Unit is responsible for inspecting and verifying the quality of materials used on NCDOT projects. Mr. Peoples described a successful pilot project that uses Radio Frequency Identification (RFID)/Barcode technology to track materials and the associated inspection data. This technology significantly improves what has been a manual, time-consuming process.
ACTIONS TAKEN	



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 3, 2014

TIME: 11:00AM -12:00 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
NCDOT Noise Policy	Greg Smith, PE, Traffic Noise and Air Quality Group Leader	15 min
Federal Perspective on Project Delivery Streamlining	John Sullivan, PE, Administrator, NC Division, FHWA	15 min
Pavement Preservation Outsourcing Update	Emily McGraw, PE, State Maintenance Operations Engineer	10 min
Adjourn		



North Carolina Division Office



Initiatives to Improve Project Delivery

John F. Sullivan, III, P. E.
Federal Highway Administration
Division Administrator
North Carolina



Completed Projects

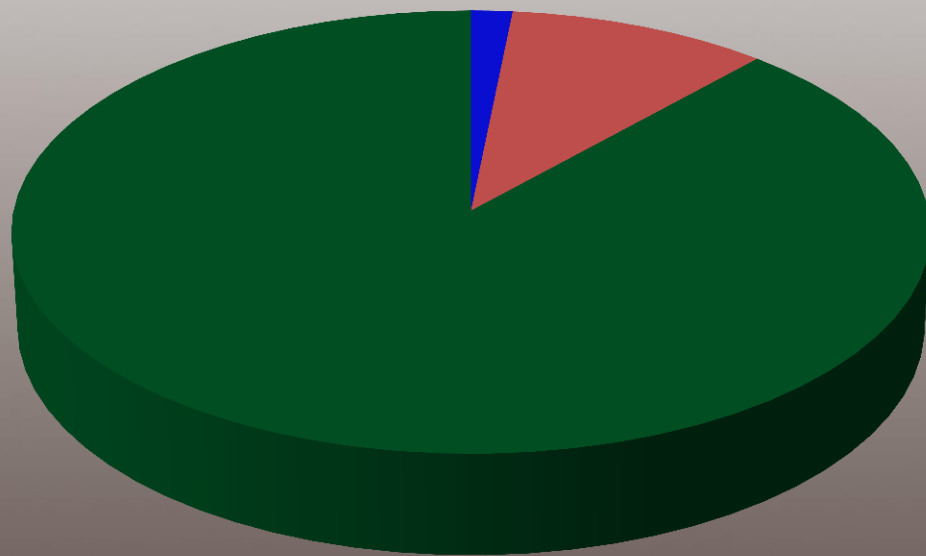


North Carolina Division Office



NEPA Options

- Categorical Exclusion
- Finding of No Significant Impact
- Record of Decision



Outline

North Carolina Division Office

- National Streamlining Initiatives
- North Carolina Streamlining
- Merger Streamlining



MAP-21 Key Environmental Provisions



North Carolina Division Office

Forest Heritage National Scenic Byway as a North Carolina Scenic Byway



Key Environmental Provisions

- Categorical Exclusions (CE)
- Planning and environmental linkage (PEL)
- Accelerating environmental review
- Environmental issue resolution process



New Categorical Exclusions (CEs)



North Carolina Division Office

Forest Heritage National Scenic Byway as a North Carolina Scenic Byway

Projects...

- to repair damage in declared emergency
- involving work within the operational right of way
- under cost thresholds



Planning-Environment Linkage (PEL)

North Carolina Division Office

Allows Federal lead agencies to adopt and use planning products in the environmental review process of a project.



Accelerating Environmental Review

North Carolina Division Office

- Accelerated Decision-Making
 - Use of errata sheet for FEIS
 - Combined FEIS/ROD
- Complex EIS Projects
 - Establishes procedures to accelerate the environmental review for EIS projects that have taken longer than 2 years from NOI to prepare EIS



Issue Resolution Process

North Carolina Division Office

- Lead Agency convenes a meeting within 21 days.
- If no resolution within 30 days, elevate to the Secretary and the heads of the agencies involved.
- If no resolution within 30 days, refer to CEQ
- If no resolution within 30 days, refer to the President or his/her designee.



Every Day Counts

North Carolina Division Office

Forest Heritage National Scenic Byway as a North Carolina Scenic Byway

- Planning and Environmental Linkages
- Geospatial Data Collaboration
- Improving Collaboration and Quality Environmental Documentation
- Enhanced Technical Assistance with Ongoing EISs
- Internal Timeline Reviews
- Expanding Programmatic Agreements





North Carolina Division Office



North Carolina Streamlining



U.S. Department of Transportation
Federal Highway Administration

What Have We Done?

North Carolina Division Office

Project Development Process



CTP

Project Development



Problem Statement



Purpose & Need

Alternatives Analysis



Alternatives Analysis

Unreasonable Solutions



Alternatives Selected for
Detailed Study

Multi-modal Analysis



Multi-modal Alternatives

Community Impact
Assessment



Community Impact Analysis

Land Use



Indirect & Cumulative Effects

Public Involvement



Public Involvement

Mitigation Opportunities



Mitigation Needs &
Opportunities



NC's Use of EDC

North Carolina Division Office

Improve the Quality of Environmental Documentation

West

- *I-26 Widening, Henderson and Buncombe Counties, EIS*
- *US 19/23 (Future I-26) Improvements, Buncombe County, EA*

Central

- *NC 54 Improvements, Alamance County, EA*
- *Future I-540 (Triangle Expressway SE Extension), Wake County, EIS*

East

- *US 401 Improvements, Cumberland and Wake Counties, EIS*
- *Evans Street/Old Tar Road (SR 1700) Improvements, Pitt County, EA*



Streamlining Strategies Underway

North Carolina Division Office

Forest Heritage National Scenic Byway as a North Carolina Scenic Byway

- Programmatic approval for Low Impact Bridge Program and Preservation Projects
- Utilization of CE's when appropriate
- STI Prioritization



Merger Process

North Carolina Division Office

Forest Heritage National Scenic Byway as a North Carolina Scenic Byway

ILT and MMT Managing the Process

- Evaluating Merger Roles & Responsibilities
- Training
 - Processes (Technical, Regulatory)
 - Collaboration skills
 - Facilitation
 - Conflict resolution



Questions?



North Carolina Division Office



Forest Heritage National Scenic Byway as a North Carolina Scenic Byway





NCDOT Traffic Noise Abatement Policy

Board of Transportation Highways Committee
December 3, 2014

Agenda

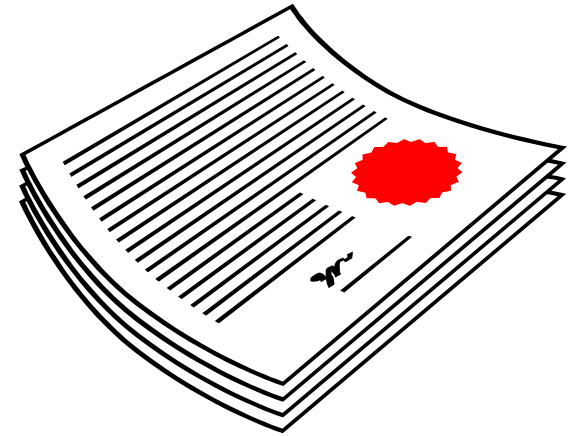
- Federal Regulations
- NCDOT Traffic Noise Abatement Policy
 - Purpose
 - History
 - Highlights
- Policy Revisions

Federal Regulations

Title 23

Code of Federal Regulations

Chapter 772 (23 CFR 772)



*Procedures for Abatement of Highway Traffic Noise
and Construction Noise*

“...to obtain FHWA approval (and funding), the highway agency shall develop noise policies in conformance with this regulation...”

Federal Regulations

Purpose

- Outline procedures for noise analyses and noise abatement
- Protect public health, welfare and livability
- Supply noise abatement criteria
- Establish requirements for local government outreach related to noise sensitive areas

NCDOT Traffic Noise Abatement Policy

Provide guidelines for:

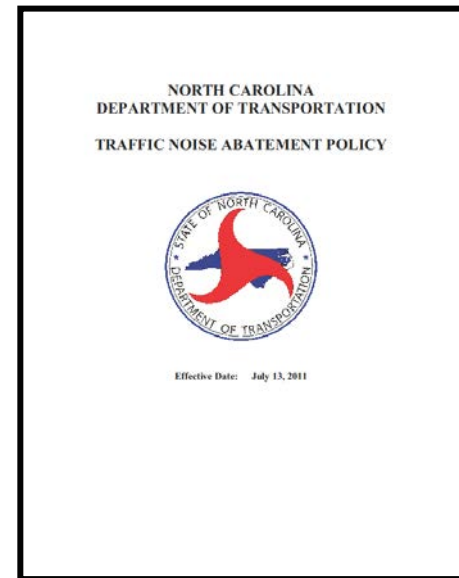
- Traffic noise evaluation
- Abatement feasibility
and reasonableness
- Equitable administration of policy and funds
- Public and local government outreach



NCDOT Traffic Noise Abatement Policy

History

- Original memo in 1990
- Formalized in 1996
- Revised in 2004
- Revised in 2011 to meet requirements in revised 23 CFR 772



NCDOT Traffic Noise Abatement Policy

- FHWA left many decisions up to the states
- NCDOT had 5 basic goals:
 - Make providing traffic noise mitigation easier
 - Develop a guidance manual
 - Specifically address construction noise
 - Improve barrier aesthetics
 - Improve public involvement efforts

NCDOT Traffic Noise Abatement Policy

Developed Policy & Guidance Manual

- Policy: “*What to do*”
 - 23 CFR 772 compliance
 - NCDOT policy specifics (*Shalls & Shall Nots*)
- Guidance Manual: “*How to do it*”
 - General approach
 - Detailed monitoring & modeling
 - Reporting requirements
 - For consultants, local governments, DOT

NCDOT Policy Revisions

Recognition

For the 2011 NCDOT Policy, Guidance Manual and the process by which they were developed...

The FHWA Highway Traffic Noise office nominated NCDOT for an ***Excellence in Environmental Leadership*** Award



NCDOT Traffic Noise Abatement Policy

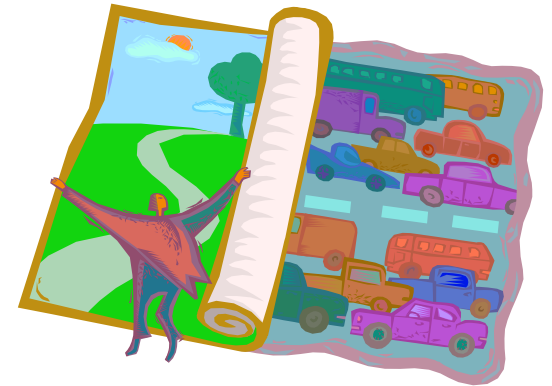
- Applicability
 - “Type I” projects ONLY
New location or significant changes in alignment or capacity
 - No “Type II” projects
Projects for noise abatement on existing highways



NCDOT Traffic Noise Abatement Policy

Date of Public Knowledge

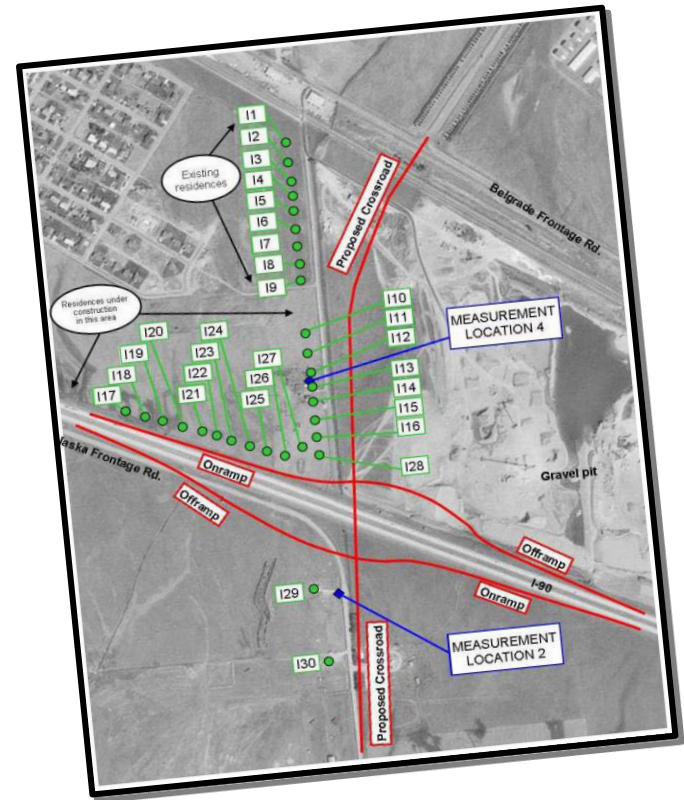
- Approval date of final environmental document (CE, FONSI, ROD)
- Trigger is issuance date of building permit for individual lot or site, relative to the Date of Public Knowledge
- After this date:
 - NCDOT is not responsible for noise abatement
 - Responsibility then lies with local governments and private landowners



NCDOT Traffic Noise Abatement Policy

Traffic Noise Prediction

- Use FHWA's Traffic Noise Model (TNM[®]) software
- Noise levels predicted for “design year”
- Loudest hourly equivalent noise levels are used



NCDOT Traffic Noise Abatement Policy

Noise Impact Determination

- Abatement measures must be considered for any receptor where traffic noise levels exceed allowable threshold levels



NCDOT Traffic Noise Abatement Policy

Noise Abatement Considerations

- Feasible

- Acoustical and engineering factors
- Sufficient noise reduction, constructability



- Reasonable

- Social, economic and environmental factors
- Must demonstrate good judgment and common sense in the process
- Public preference

NCDOT Traffic Noise Abatement Policy

Acceptable Noise Abatement Measures

- Noise barriers
- Traffic management measures
- Design modifications
- Buffer zones
- Noise insulation where applicable



NCDOT Traffic Noise Abatement Policy

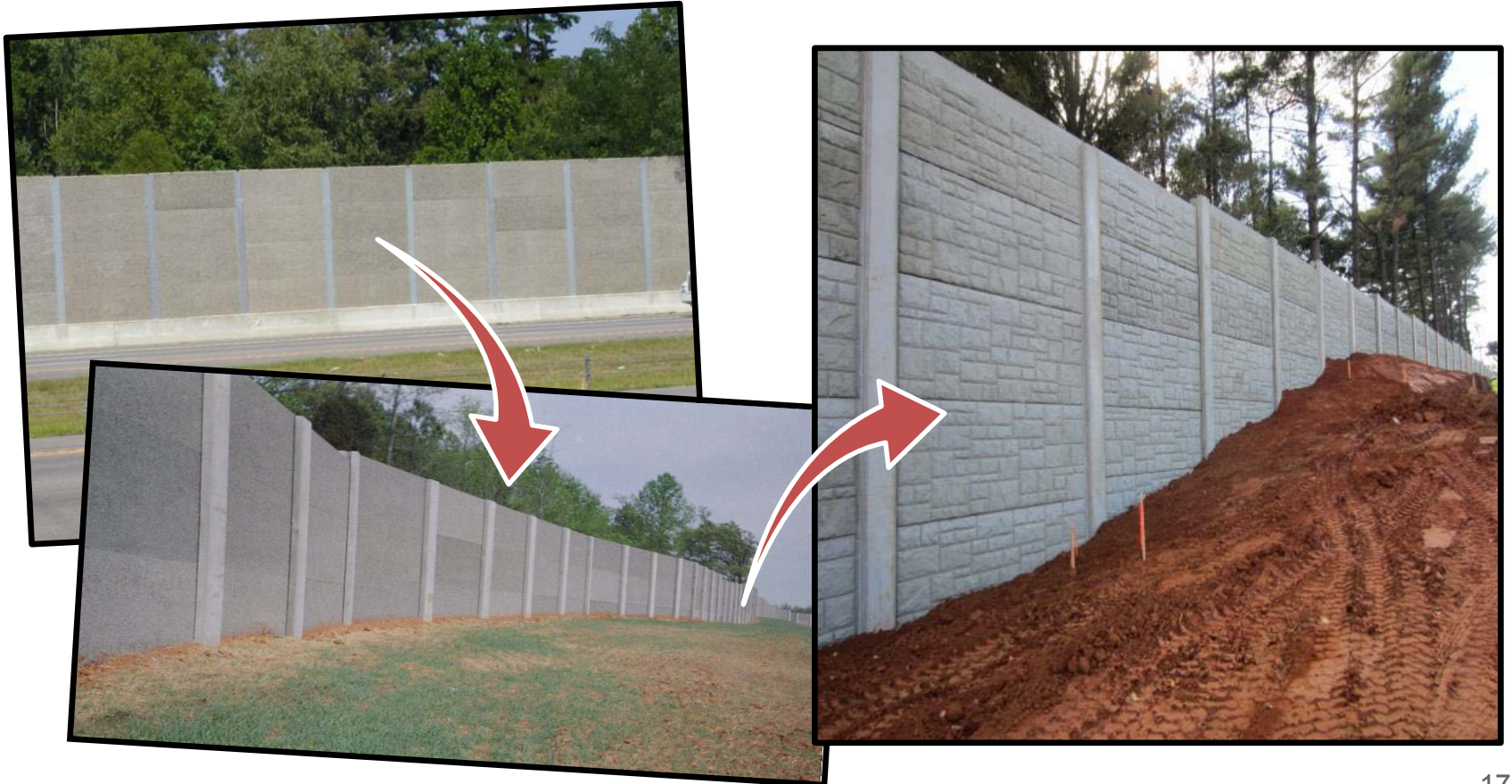
Receptor Balloting

- Distribute ballots to all “benefited” property owners *and* tenants
- 50% of all ballots distributed must vote against barrier construction or proposed barrier(s) will be constructed
- Weighted ballots:
 - 3 pts/ballot for Front Row Property Owners
 - 1 pt/ballot for all other property owners
 - 1 pt/ballot for all tenants



NCDOT Traffic Noise Abatement Policy

Noise Barrier Aesthetics



NCDOT Traffic Noise Abatement Policy

Review of Policy

- Every 5 years or less
by the Board of Transportation
- All modifications require
Board and FHWA
approval



NCDOT Policy Revisions

Currently considering policy modifications

- Regularly scheduled NCDOT Noise Policy Committee meetings
- Solicited comments from DOT Divisions and Units, MPOs/RPOs and consultants
- Will evaluate solicited responses and committee members' ideas and develop policy modifications

NCDOT Noise Policy Committee

Voting Members (7)

Roadway Design Unit Head
Structures Management Unit Head
Human Environment Section Head
Operations Designee
Division Designees (2)
Traffic Noise & Air Quality Group Leader

Technical Support

Hydraulics Turnpike Authority
Utilities Geotechnical Engineering
Materials & Tests Value Engineering
Design/Build Construction
Contract Standards & Development

Sponsors

FHWA
BOT

NCDOT Traffic Noise Abatement Policy

Moving Forward...

- NCDOT Noise Committee will complete policy review
- Present recommended modifications to FHWA and the Board of Transportation for approval

NCDOT Traffic Noise Contacts

Greg Smith, LG, PE
(919) 707-6087
gasmith@ncdot.gov

Teak-Keun Kim, PhD, PE
(919) 707-6084
tkim1@ncdot.gov

Traffic Noise & Air Quality Group
Human Environment Unit
Century Center Bldg. B
1598 Mail Service Center
Raleigh, NC 27699-1598

Questions?



North Carolina

DEPARTMENT OF TRANSPORTATION

Pavement Preservation Outsourcing Report

Emily McGraw, PE

December 3, 2014 – NCDOT Highways Committee Board Meeting

Pavement Preservation Program

SL 2014-100, Section 34.11(f-m)

- Establishes Pavement Preservation Program
- Defines eligible and ineligible treatments
- Directs DOT to establish an account
- Defines outsourcing targets through 2018
- Directs DOT to increase use of paving industry
- Defines minimum treatments (4,300 lane miles)
- Defines reporting requirements

Outsourcing – Section 34.11(h & i)

Funds allocated for pavement preservation should meet the following outsourcing targets:

FY 2014-2015 – 20%

FY 2015-2016 – 30%

FY 2016-2017 – 55%

FY 2017-2018 – 80%

Outsourcing – Section 34.11(j)

Increase Use of Paving Industry

- General Assembly's intent that DOT work cooperatively with paving industry
- DOT is directed to conduct workshops/training to encourage privatization and reduce amount of pavement preservation activities conducted by state forces

Program Report – Section 34.11(k & l)

Mileage requirement: 4,300 lane miles

2014-2015 Budget: \$ 65 Million

Reports to JLTOC and Fiscal Research Division:

September 1, 2014

December 1, 2014 (Annual)

Department Activities

Established Internal Transition Team

- Contract Development and Specifications
- Industry Outreach and Education
- Contract Inspection
- Data Tracking
- State Force Transition

Contract Development and Specifications

- Currently revising specifications
- Collaborating with Associations
- DOT anticipates advertising & awarding 40-50 pavement preservation contracts this fiscal year
- 8 contracts have been advertised and are in process of being awarded

Industry Outreach and Education

- Highway Divisions have identified potential contractors
- DOT personnel have on-going meetings with associations
- DOT anticipates hosting a national chip seal best practice in conjunction with the NCDOT/CAPA workshop in February 2015
- Exploring other training options

Inspection

- DOT is formalizing materials sampling for chip seal operations
- Will develop Contractor and Inspector Certification Programs

Data Tracking

- Assessing capabilities of management systems and contract administration system

State Force Transition

- DOT will systematically reduce its use of personnel placing chips seals
- DOT anticipates utilizing 10 of the 14 Division Bituminous crews during the 2015 paving season
- Experienced DOT staff will assist in contract development and inspection



MULTIMODAL COMMITTEE MEETING MINUTES

DATE: 11/3/14 **TIME:** 9:00-10:30am **LOCATION:** EIC

MEETING CALLED BY	Andrew Perkins
BOARD ATTENDEES	Lou Wetmore, Malcolm Fearing, Andrew Perkins, Jeff Sheehan, Cheryl McQueary, John Lennon, Gus Tulloss

AGENDA TOPICS

1. INTRODUCTION – BOBBY LEWIS	
DISCUSSION SUMMARY	Jeff Mann is the new Deputy Secretary for Transit
ACTIONS TAKEN	None

2. NOVEMBER MINUTES APPROVAL – ANDREW PERKINS	
DISCUSSION SUMMARY	Approval of October Minutes.
ACTIONS TAKEN	Motion to approve was made by Malcolm Fearing and seconded by John Lennon. Motion was approved.

3. ITEM I-1, ITEM I-1A, ITEM I-2, ITEM I-4 – DEBBIE COLLINS, PAUL WORLEY, BOBBY WALSTON	
DISCUSSION SUMMARY	Approval of Public Transportation, Rail and Aviation's funding items.
ACTIONS TAKEN	Motion to approve was made by Jeff Sheehan and seconded by John Lennon. Motion was approved.

4. FERRY DIVISION UPDATE - ED GOODWIN	
DISCUSSION SUMMARY	Division will lease a passenger ferry for next year as a trail run
ACTIONS TAKEN	Informational Only

MULTIMODAL COMMITTEE MEETING MINUTES

5. PUBLIC TRANSPORTATION DIVISION – DEBBIE COLLINS	
DISCUSSION	Presented monthly PTD update report
ACTIONS TAKEN	Informational Only

6. RAIL DIVISION – PAUL WORLEY	
DISCUSSION	Reviewed Rail Report and presented New Rail Technologies. New technologies include alternative fuel options, vehicle detection systems and trespasser research
ACTIONS TAKEN	Informational Only

7. BIKE & PEDESTRIAN DIVISION – LAUREN BLACKBURN	
DISCUSSION	Bike and Pedestrian Data Collection which highlighted new technologies such as inductive loops and passive infrared beams
ACTIONS TAKEN	Informational Only

8. AVIATION UPDATE – KYLE SNYDER	
DISCUSSION	NC UAS Program Overview discussed the different capabilities and tools of the various aircrafts
ACTIONS TAKEN	Informational Only



MULTIMODAL COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 3, 2014

TIME: 10:30-12:00

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order	John Collett	10:30
Approval of Minutes	John Collett	10:30-10:35
Funding Items (PTD, Rail)	Transit Directors	10:35-10:45
Bicycle & Pedestrian Verbal Update	Lauren Blackburn	10:45-10:50
Aviation Division Verbal Update	Rachel Bingham	10:50-10:55
Public Transportation Division Handout	Debbie Collins	10:55-11:00
Ferry Division Handout – Ferry Report Ferry Division Presentation – Passenger Ferry	Jed Dixon	11:00-11:30
Rail Division Handout – Rail Report Rail Division Presentations(2) – GTP & Rail Plan	Paul Worley	11:30-12:00

Proposed passenger ferry from Hatteras to Ocracoke



Hatteras Congestion

Hatteras Inlet North Dock 2014-06-12 13:26:23



Hatteras Shoreline Erosion





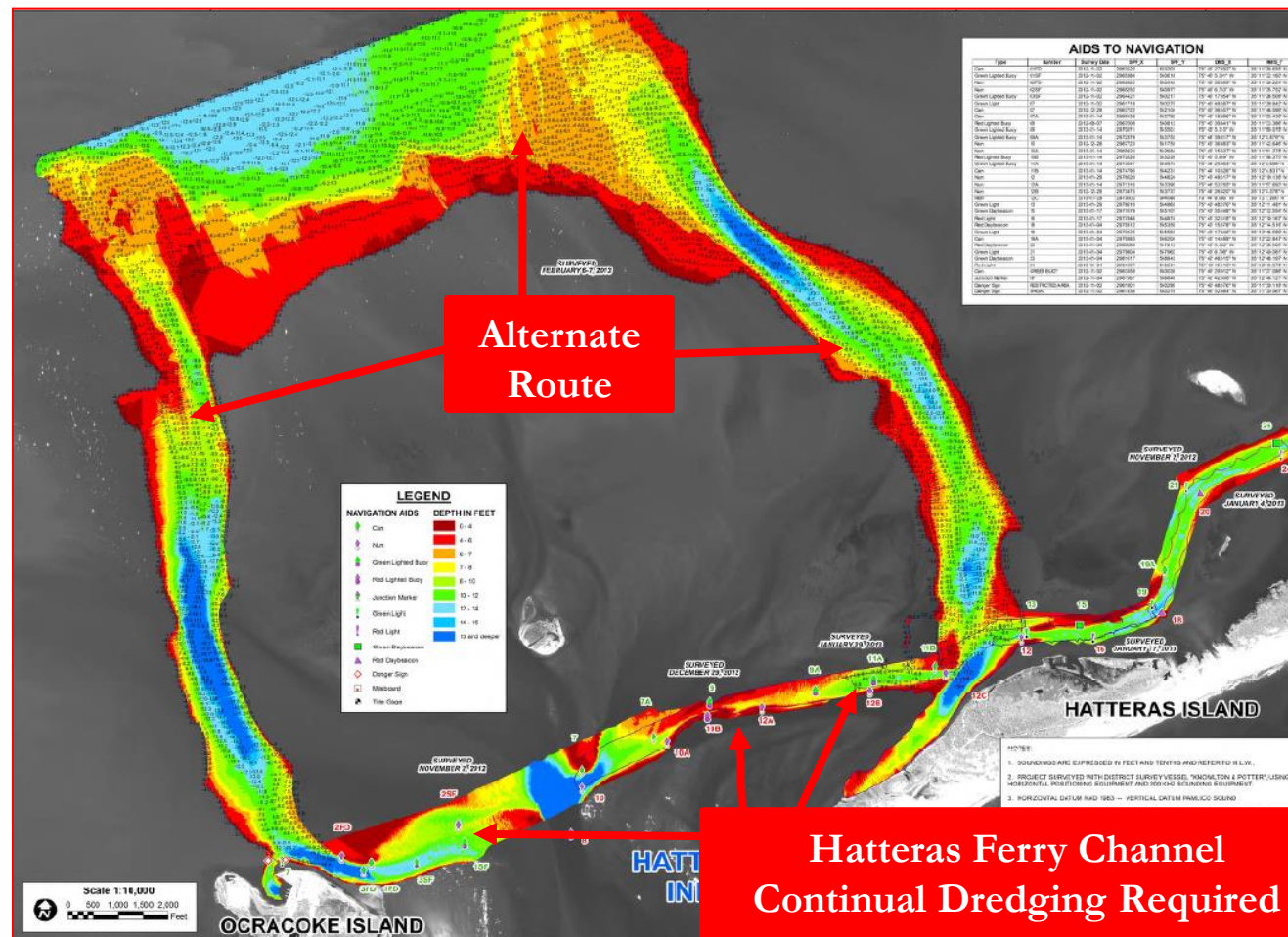
Hatteras-Ocracoke Shoaling

Hatteras Ferry Channel – 4.3-miles

- Emergency Area Federally Maintained
- Constant Dredging
- Up to 52 departures/day

Alternate Route – 9.5 miles

- Natural Deep Water Channel
- Cost Up to \$250,000 more per month in labor/fuel
- Up to 42 departures/day



Hatteras to Ocracoke Traffic Impact

Passengers

June 2013 (Short Route) 111,038

June 2014 (Long Route) 106,962

July 2013 (Short Route) 147,981

July 2014 (Long Route) 112,204

August 2013 (Short Route) 134, 291

August 2014 (Long Route) 119,260

September 2013 (Short Route) 90,948

September 2014 (Long Route) 79,143

Areas of Jurisdiction



Army Corps of Engineers Funding

Fiscal Year	Regular Federal Appropriations	Supplemental Appropriations/ Hurricane Relief	Non Federal Contributions/ MOA Funds
2009	\$210,000	\$191,000	\$0
2010	\$50,000	\$142,000	\$0
2011	\$50,000	\$0	\$0
2012	\$49,000	\$2,000,000	\$1,433,000
2013	\$49,000	\$2,000,000	\$0
2014	\$697,000	\$0	\$0

Economic Impacts

Year	Ferry Route	Vehicle Counts	Passenger Counts	% Visitors	Tourism Expenditures
2008	Hatteras/Ocracoke	353,192	951,491	85%	\$168,719,818
2014	Hatteras/Ocracoke	275,789	718,253	82%	\$131,827,142 (Projection)

➤ 2008 Data from BENCHMARKING AND OPTIMIZATION OF THE NORTH CAROLINA FERRY SYSTEM Conducted by Institute for Transportation Research and Education North Carolina State University

Feasibility Study

This study will research all aspects of passenger ferry operations, including vessel type, pedestrian usage, parking, shore side improvements, and transit needs.

- RFP submittals due Nov 17, 2014
- Selected firm notified Jan 5, 2015
- Draft feasibility complete Nov 2015
- Study Complete Dec 2015

Steering Committee Stakeholders

- NCDOT Ferry Division
- NCDOT Strategic Planning Branch
- Division 1 DOT Board Member
- Hyde/Dare County Manager
- Ocracoke Civic & Business Representative
- Hyde County Transit
- US Coast Guard
- US Army Corps of Engineers

Passenger Ferry Route







Vessel Information:

Length – 91 feet

Width – 30 feet

Draft – 2.5 feet forward, 5 feet aft

Speed – 28 knots

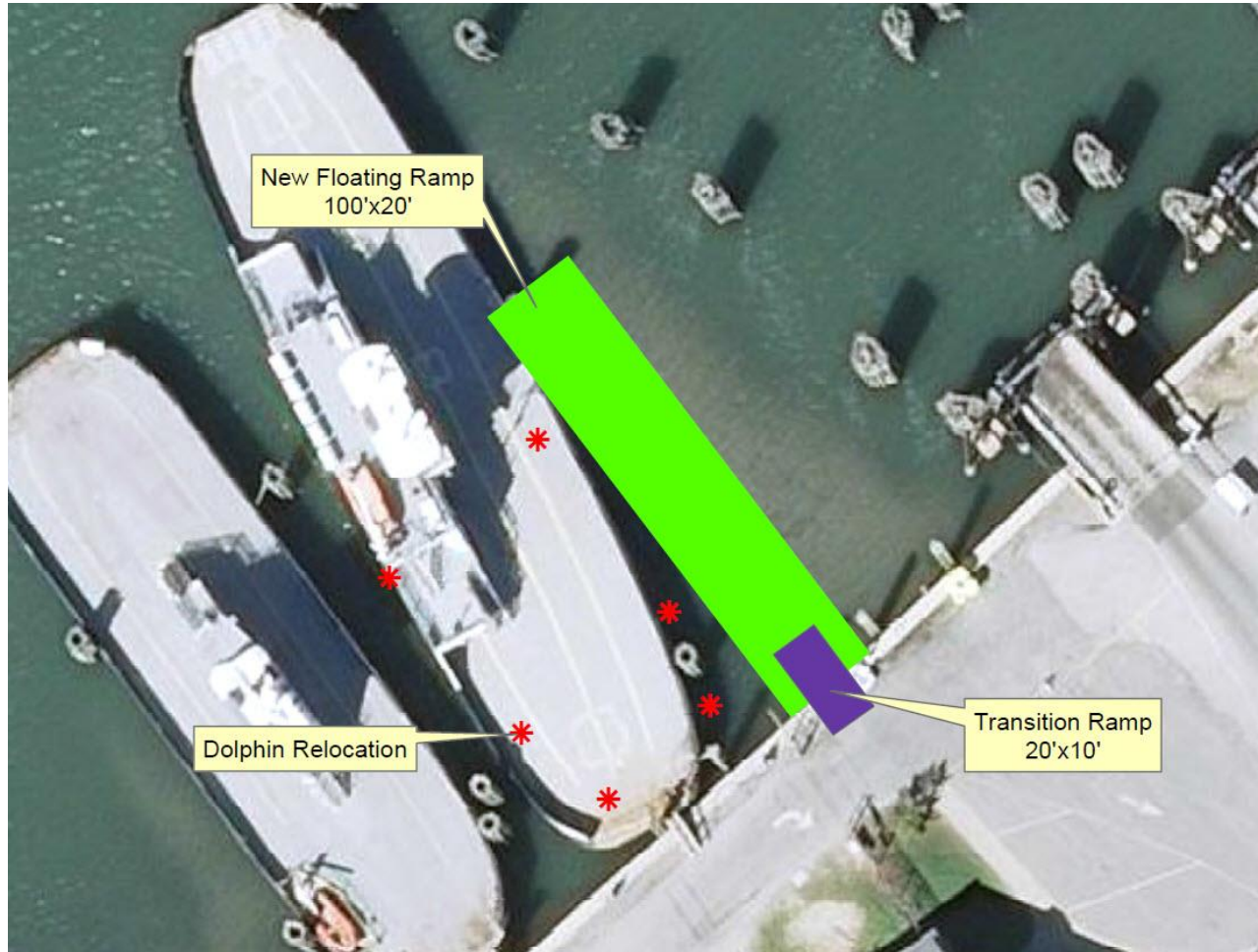
Capacity – 149 passenger

Crew – 1 Captain, 2 Deckhands

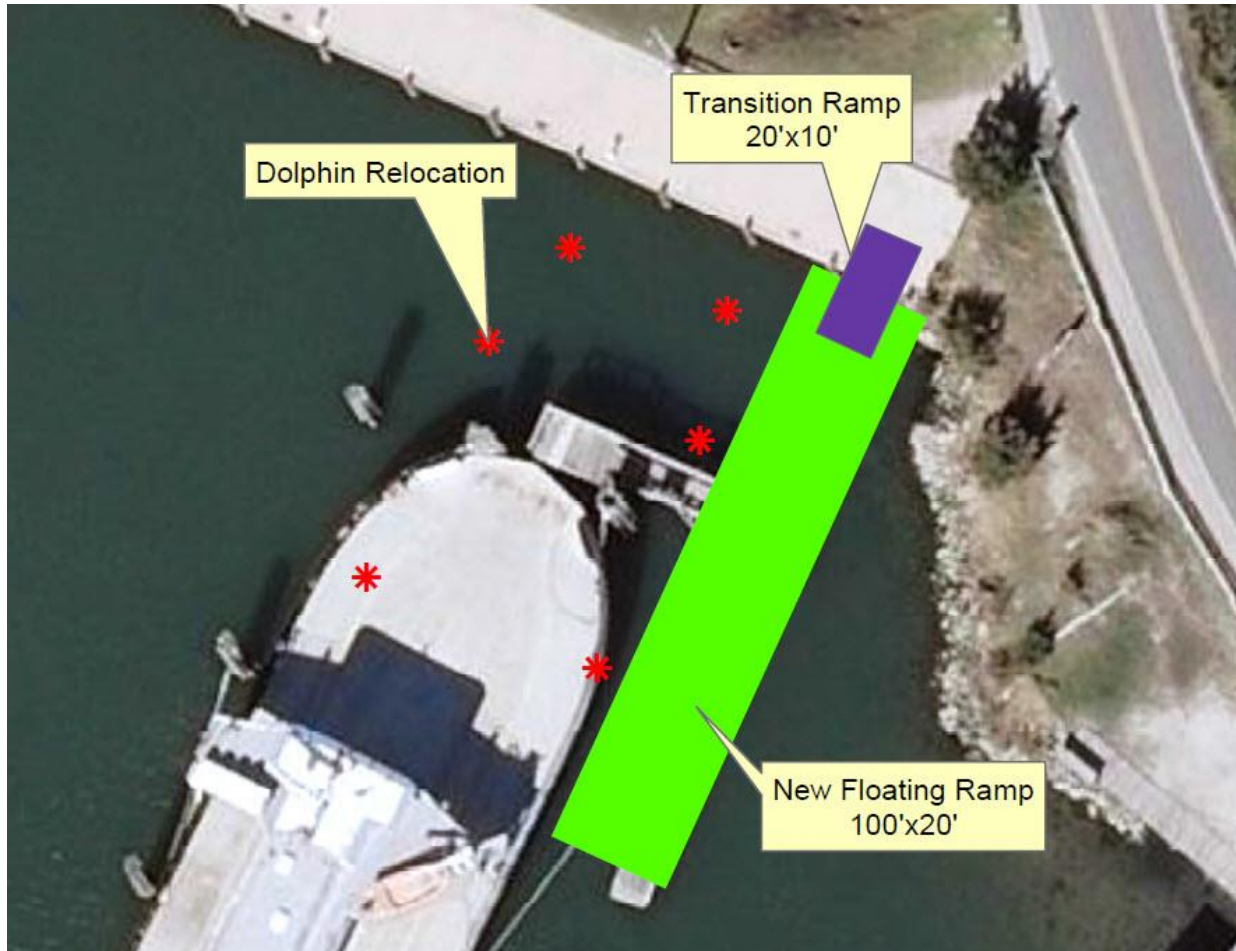
Potential Benefits

- ✓ Shorter Wait Times for Car Ferries
- ✓ Direct Passenger Route to Ocracoke Village
- ✓ Reservations for Scheduled Departure Times
- ✓ Relieve Vehicle Traffic in Ocracoke
- ✓ Increased capacity/visitation for Ocracoke

Hatteras Passenger Ferry Dock Improvements



Silver Lake Passenger Ferry Dock Improvements







It's not just how you get there, it's why you go.

Accountability - Responsibility - Respect

ncferry.org

800-BY-FERRY

Real time travel info via twitter: @NCDOT_Ferry

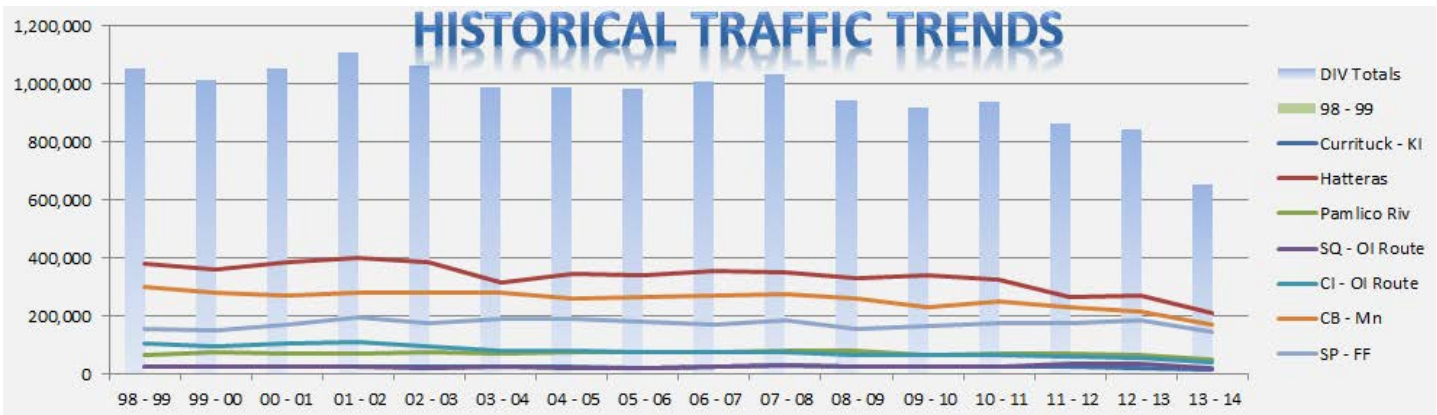


November 20, 2014

PROGRAMS AND INITIATIVES

Ed Goodwin—Director

TRAFFIC	Vehicles	Passengers	RELIABILITY	Scheduled	Missed	% Complete
October '14 Count	75,710	156,370	October '14	5,543	136	97.6%
YTD Change from prior year	-6.99%	-8.27%	Year to Date	24,267	265	98.9%



Monthly Analysis

October 2014 Expenditures \$ 3,881,898

Capital Reserve Account Credits

October 2014 Credits \$ 210,732

Total Cap. Rsv. Credits \$ 3,342,736

Hatteras Inlet Alternate Route Impact

FY14 Period s 1-4 \$ 3,587,123

FY15 Periods 1-4 \$ 4,136,066

Impact \$ 548,943



Federal Grants & Projects

Project spotlight (Awarded / Remaining)

Enhancement and outfitting of Manns Harbor Shipyard platen, synchro-lift and rail cars (1,800,000 / 462,255)

OTHERS FEDERAL PROJECTS IN PROGRESS: (Awarded / Remaining)

- Upgrades to Pamlico and Silver Lake: HVAC and hull strengthening (1,200,000 / 450,031)
- Cherry Branch ramp improvements allowing for increased operability during high tides plus serves as contingency for inoperable ramp. (2,207,978 / 278,481)
- Hatteras Ferry Docks: Ramp rehabilitation including mechanical and electrical upgrades. (2,396,920 / 767,757)
- PTD/FTA ADA Elevator Installation in specifications stage for project bid process (778,600 / 777,500)
 - Project CANCELLED due to lack of vendor participation. Bid was publicized on three occasions with no viable responses.
- Homeland Security Grants: multiple awards which cover training, VIPER Radio procurement and security equipment upkeep. These grants require no state or local share. Total of three grants \$ 131,437, reimbursed to date \$78,881
 - All related activities accomplished and final reimbursement received. Grant CLOSED

DIVISION ACTIVITIES AND IN-HOUSE PROJECTS

- Spoil site refurbishment at four locations: Fort Fisher, Southport, Cherry Branch and Swan Quarter
 - All site projects are on-schedule
 - Project will prevent unnecessary delays for dredging requirements by ensuring proper collection sites for spoils
- All routes are operating on the winter schedule at this time
- Implementation of electronic standard operating procedures and policy library

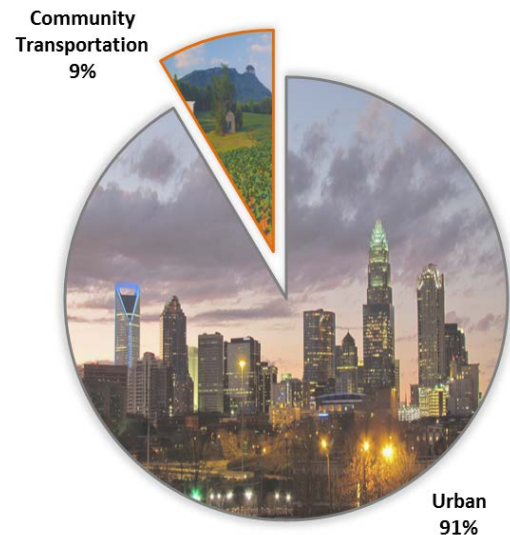


Fiscal Year 2014 Service Statistics

The North Carolina urban and community transportation operating statistics have been received and compiled from the state's 99 public transportation providers. Some of the highlights of the 2014 fiscal year include:

- 78 million** passenger trips carried by public transportation providers in North Carolina
- 99** total public transportation providers
- \$70 million** from direct Federal sources
- \$270 million** from sources in the local communities
- 150** average passengers per hour for light rail

TRIPS BY PROVIDER TYPE

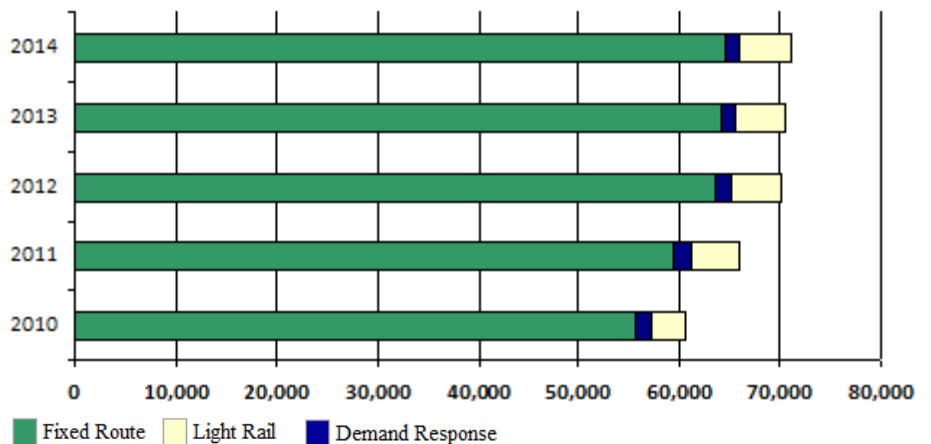


Urban

Urban transportation systems carried over 71 million passenger trips in FY14, which is an increase of more than 500,000 passenger trips from FY2013. During the same period, miles and hours have decreased. Paired with the increase in passenger trips, the decrease in miles and hours results in overall system improvements in efficiency.

All of the modes, fixed route, dial-a-ride, and light rail showed an increase in operating ratio, which is all local funds divided by total expenses. The local investment in fixed route service increased 11% while the state and Federal proportion decreased.

Passengers By Year In Thousands



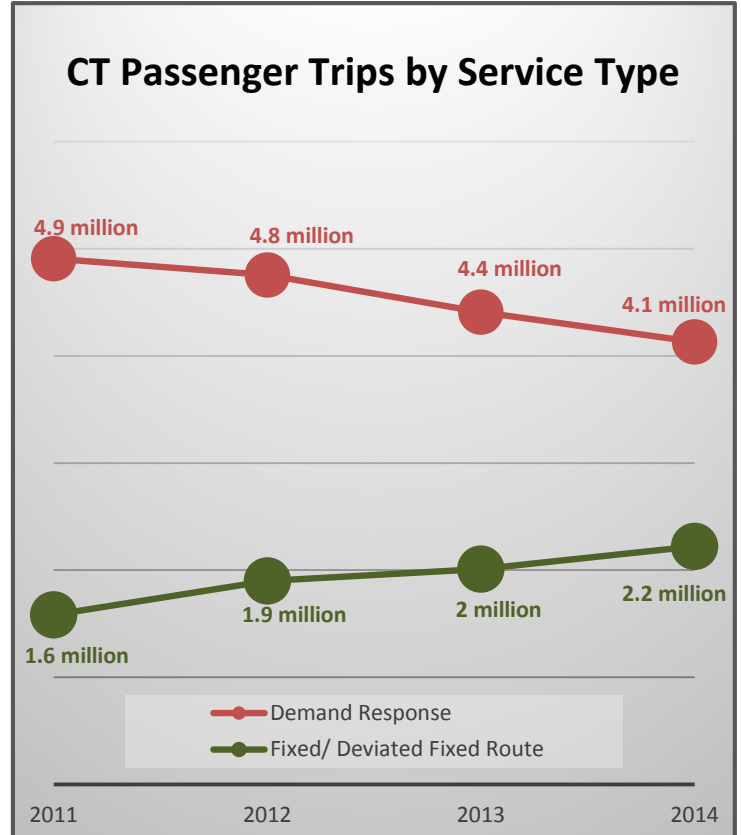


Community Transportation (CT)

Community transportation systems provided over 6.6 million trips to the elderly, persons with disabilities, and the general public in FY 2014. Demand response service decreased in trips, miles, and hours, while fixed route and deviated fixed service increased in these categories.

This system-wide shift away from pure demand response service toward more fixed services has been a recent trend that is expected to continue, as the fixed and deviated fixed services have greater opportunities for efficient and cost-effective service.

Total passenger trips carried decreased by 3.6% from the previous year, much of which is explained by the decreased operating days due to weather.



Community transportation providers continued to diversify their service, with Medicaid service decreasing from 23% of the total trips in FY 2013 to 21% in FY 2014.

Meanwhile, service to the general public in rural areas has steadily increased from a ratio of 1.07 general public trips divided by the total rural population in FY2011 to 1.18 trips per population in FY2014.

The number of reportable incidents decreased 20% from the previous year. No fatalities were associated with community transportation service in FY2014.

1st Quarter FY2015 1st Service Analysis

Preliminary analysis of the 1st quarter of FY2015 service data, which includes July, August, and September, shows an estimated 4.5% increase total trips. If this trend holds across the year, North Carolina transit systems will provide over 3 million more passenger trips in FY2015 than were provided the previous year.

NCDOT Rail Division

COMPREHENSIVE STATE RAIL PLAN



Board of Transportation

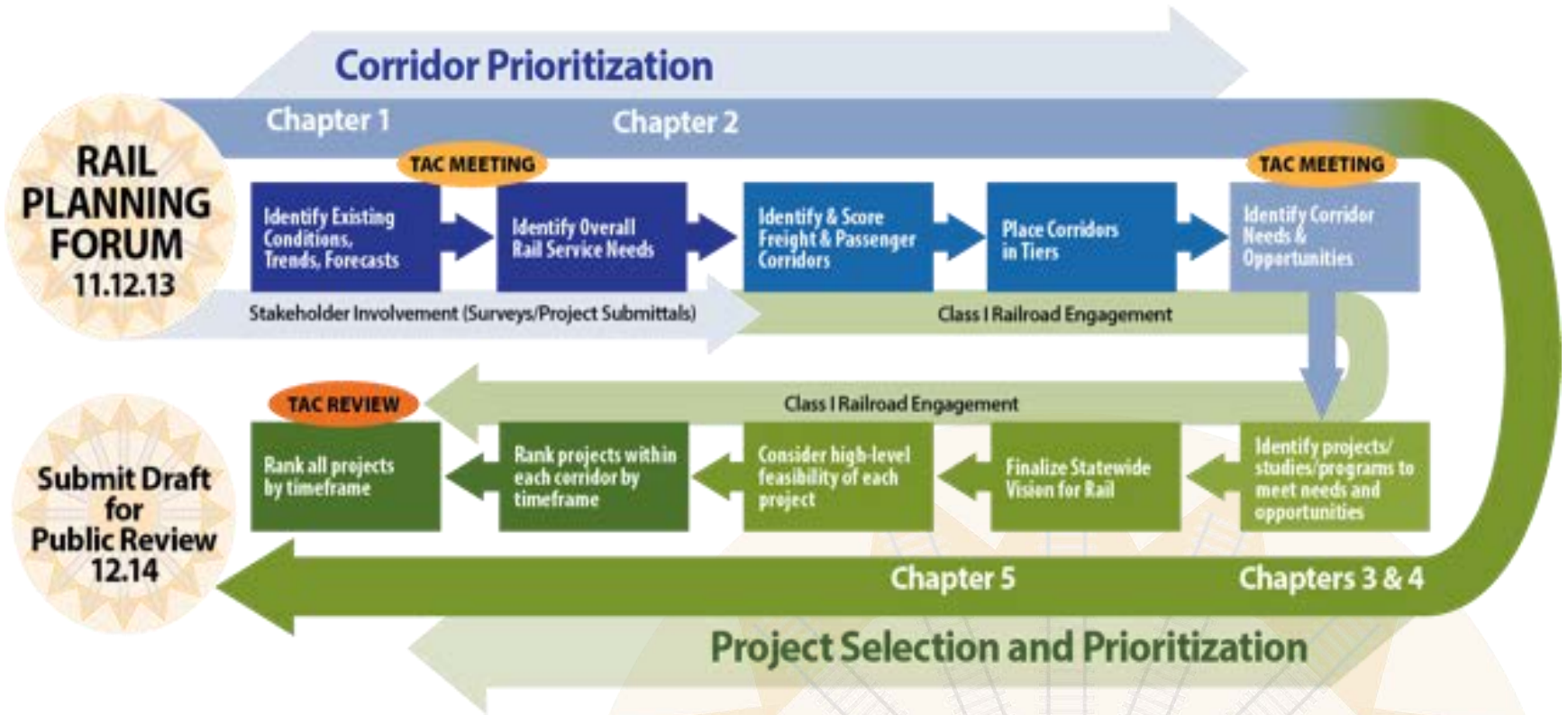
Multi-modal Committee

Paul C. Worley, CPM

Rail Division Director

December 3, 2014

State Rail Plan Process



Economic Impact of Rail in North Carolina

Railroad Direct Economic Impacts for Freight and Passenger Rail in North Carolina

	Freight (2011)	Passenger (2014/2012)*
User Cost Savings (Shipper)	\$1,496,130,000	-
Amtrak Wages and Purchases	-	\$89,000,000
Tourist Spending	-	** \$2,300,000
Pavement Savings	\$95,720,000	\$4,300,000
Congestion Savings	\$161,530,000	\$4,340,000
Total	\$1,753,380,000	\$99,940,000

*Amtrak Wages and Purchases and Tourist Spending are FY2014, while Pavement and Congestions Savings are based on FY2012 data

Railroad Broader Social Impacts for Freight and Passenger Rail in North Carolina

	Freight (2011)	Passenger (2012)
Auto and Truck Emissions Benefit	\$118,090,000	\$2,370,000
Auto and Truck Safety Benefit	\$172,580,000	\$18,390,000
Total	\$290,670,000	\$20,760,000

One Year North Carolina Impacts

	Freight (2011)	Passenger (2014/2012)*
Total Direct and Broader Social Impacts	\$2,044,050,000	\$120,700,000

*Amtrak Wages and Purchases and Tourist Spending are FY2014, while Pavement and Congestions Savings are based on FY2012 data

**\$2.3 million based on Amtrak survey of passenger who would not have made the trip if Amtrak service was not available.

Plan Draft Recommendations – Freight

- ✦ Safety improvements along Investment Tier corridors (*heavy freight traffic and serving ports*)
- ✦ Capacity improvements at/near intermodal terminals
- ✦ Partner to study intermodal to serve Eastern NC agriculture, cold storage, and the Triangle
- ✦ Study railroad bypasses of New Bern and Morehead City
- ✦ Study restoration of Wallace-Castle Hayne segment (*Port of Wilmington*)
- ✦ Study market needs for hydraulic fracturing
- ✦ Serve emerging markets (*wood pellets*)
- ✦ Preserve corridors



Freight Program – Funding Needs and Sources

Short Line Projects and Needs (Based on 11 short line survey responses) – Eligible for Funding by FRRCSI	Funding Needs By Time Period		
	0-5 Years	6-10 Years	11-20 Years
Bridges	\$3,524,000	\$3,200,000	\$21,692,000
Rail	\$4,838,000	\$11,413,000	\$27,600,000
Ties and Surfacing	\$13,834,000	\$14,072,000	\$29,544,000
Additional Capacity	\$15,500,000	\$4,650,000	\$1,300,000
Rail Yards	\$1,100,000	\$1,600,000	-
Transloads	\$2,360,000	\$500,000	-
Other Needs	\$2,370,000	\$1,135,000	\$2,070,000
Other Short Line Projects			
Relocate ACWR (Mecklenburg County)		\$16,500,000	
Front Street Lead Track Signals and Gates (New Hanover County)*	\$900,000		
Andrews to Murphy Reactivation (Cherokee County)		\$4,200,000	
Grade Separations and Port of Wilmington Gates (New Hanover Co.)*	\$50,000,000		
Total – Short line Project Needs	\$94,426,000	\$57,270,000	\$82,206,000

* If identified by a Traffic Separation Study, could potentially be funded by grade separation funds Y-5500

Freight Program – Funding Needs and Sources

Class I Projects and Needs – Funded / Identified by STI/SMF P3.0	Total Funding Needs By Time Period		
	0-5 Years	6-10 Years	11-20 Years
New Norfolk Southern TBT (Bulk Terminal) Facility in Charlotte	\$976,000		
Container parking / storage adjacent to Norfolk Southern's Greensboro Intermodal Facility (converts former Roundhouse property)	\$1,700,000		
CSXT - 10,000 foot siding extension at Stouts in Union County. Creates passing siding on segment of single track that benefits general freight and intermodal traffic	\$11,000,000		
Upgrade NS rail line paralleling US 52 in Albemarle (Stanly County) to allow for freight	\$2,450,000		
Subtotal	\$16,126,000		
Funded by STI/SMF P3.0	\$12,788,000		
Funded by CSXT	\$2,000,000		
Funded by NS	\$1,338,000		
Additional Class I Projects and Needs – Potential Funding by STI/SMF P4.0, FRRCSI, or Y-5500 Grade Separation Funding	\$81,000,000 (5 projects)	\$523,000,000 (24 projects)	\$183,000,000 (4 projects)

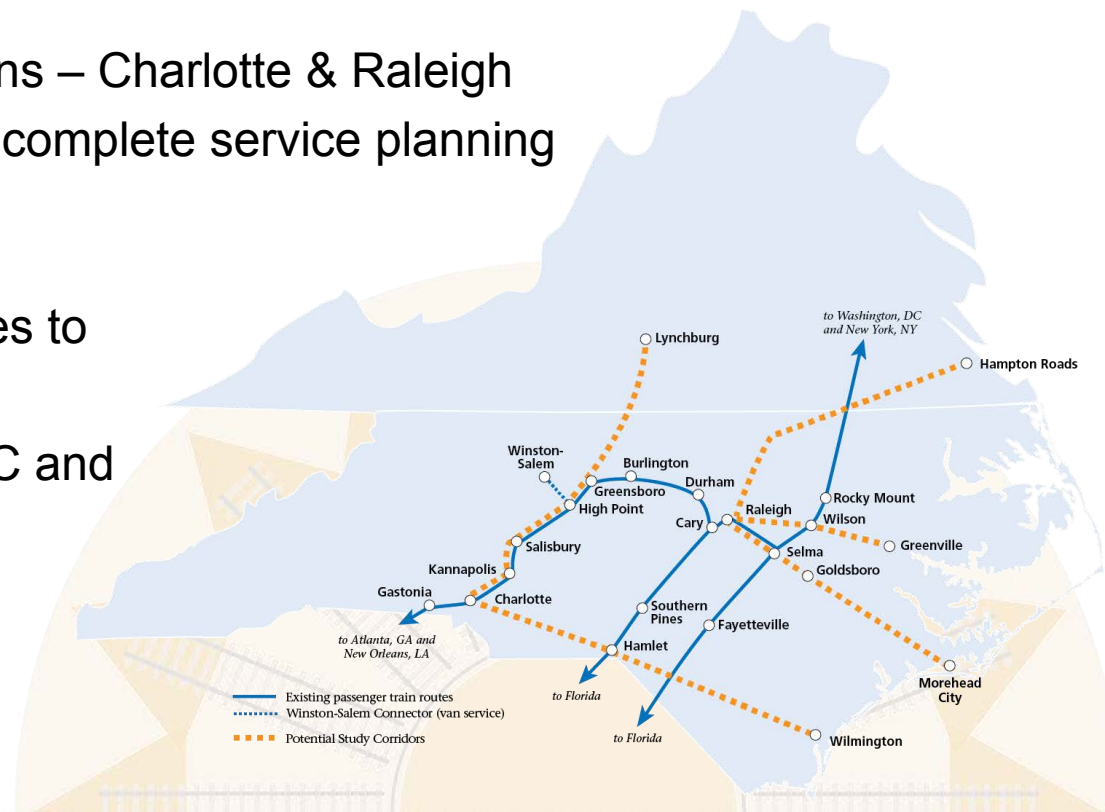
Plan Draft Recommendations – Passenger

Southeast Corridor

- ✦ Implement 4th and 5th frequencies
- ✦ Add stops, increase speeds, and improve travel times (esp. Greensboro to Raleigh)
- ✦ Construct multimodal stations – Charlotte & Raleigh
- ✦ Secure S-Line corridor and complete service planning

New Markets

- ✦ Utilize Thruway bus services to grow markets/ridership
- ✦ Incrementally develop WNC and SENC service
- ✦ Conduct studies for future market connections



Passenger Program – Funding Needs and Sources

Program	Funding Needs	Funding Sources	Timeframe
Southeast Corridor – Fourth and Fifth Frequencies			
Wi-Fi on <i>Piedmont</i>	\$630,000	State	2015-2016
Implement Positive Train Control (PTC) (8 locomotives, 5 CCU, 4 spares)	\$2,125,000	Highway Fund/State	2015
Ongoing maintenance for PTC		Highway Fund	2016-future
Hillsborough Station and track improvements	\$8,400,000	STI/ Highway Fund	2018
5 th Frequency – Expansion of Capital Yard; new equipment (loco, CCU, baggage/lounge, coach)	\$35,400,000	Federal, STI/ Highway Fund	2019
Southeast Corridor – Service Improvements, Piedmont Corridor			
New Stations at Lexington, Harrisburg, associated track upgrades to class 5 (90 MPH), station improvements	\$237,400,000	Federal, STI/ Highway Fund	2022-2035
Charlotte Gateway Station (and associated track improvements)	\$210,000,000	Public-Private Partnership, FTA grant, Federal, State, Local funds	2020-2030
Southeast Corridor – Full Implementation			
Full Southeast Corridor Implementation (Charlotte-Greensboro-Raleigh-Richmond)	\$4,451,000,000	Federal, State, Public-Private Partnerships	2025-2030
Carolinian Improvements			
New equipment to replace existing <i>Carolinian</i> trainsets	\$76,600,000	Federal, State, Amtrak	2020
Eastern North Carolina Service			
Station improvements (<i>Fayetteville, Wilson, Selma</i>) to accommodate growing ridership	\$2,500,000	Federal, State	2018-2025
Potential Connecting Services			
Western NC Passenger Service (<i>Salisbury to Asheville</i>)	TBD	Federal, STI/ Highway Trust Fund, Local Funds	2018 (Thruway Bus Service) 2035 (Rail)
Southeastern NC Passenger Service (<i>Raleigh to Wilmington</i>)(currently provide service between Wilson- Wilmington)	TBD	Federal, STI/ Highway Trust Fund, Local Funds	2035 (Rail)

NCDOT Rail Division

COMPREHENSIVE STATE RAIL PLAN



December 2014

Thank you!
Board of Transportation



Ward Sutton



North Carolina

DEPARTMENT OF TRANSPORTATION

Eastern Infrastructure Improvement Studies:
A Report to the North Carolina Assembly
on SB 402 Section 34.23

Preliminary Findings for Discussion

Paul Worley, CPM
Rail Division Director

NC Board of Transportation, Multimodal Committee
December 3, 2014



SB 402 Directs the Following...



Evaluate infrastructure improvements which promote job creation and economic development of the Global TransPark as an inland terminal, including, at a minimum, specialized transloading equipment, refrigerated and dry storage facilities.

Assess highway and rail infrastructure improvements or service scenarios that improve access and throughput to the Global TransPark and North Carolina State Port Authority Morehead City Terminal.

Perform a financial feasibility analysis of the Wallace to Castle Hayne and Wilmington track restoration project.

Candidate Investment Locations



- Agriculture, military and tourism are dominant industries
- Low business costs are a competitive advantage
- Sparse population a concern for industries locating here – staff leaving military service are potential local civilian workforce if they can be retained
- Remoteness/quality of life and amenities a concern in some locations for recruiting talent to GTP



Approach



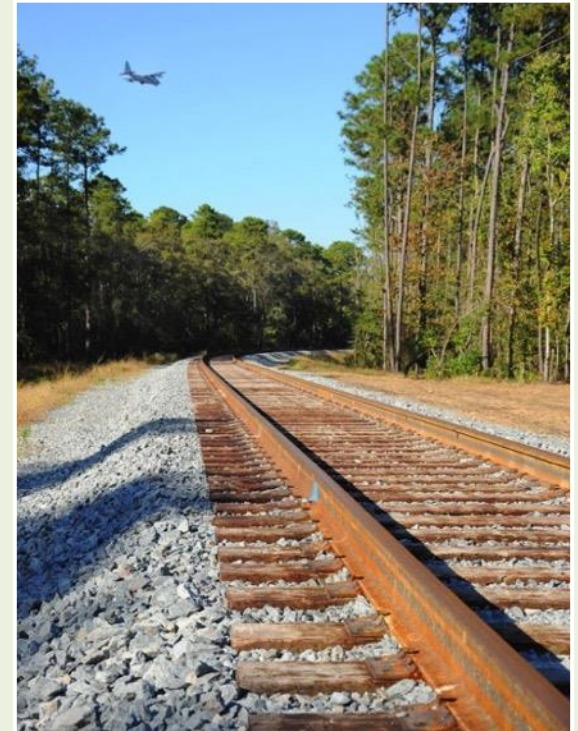
SB 402 directive a mix of two defined projects and two more open-ended questions

Defined:

- Restore Wallace to Castle Hayne
- Evaluate bulk terminal at GTP

Open-ended:

- What else would succeed at GTP?
- What rail/road improvements at GTP and the Port of Morehead City would improve synergy?



Kinston Free Press

Approach



- Freight market evolving – examine ability to preserve options for future opportunities as regional economy changes
- Plan now – implement as market evolves and needs require
- Combine quantitative data analysis with expert stakeholder market research, considering Governor McCrory's 25-Year Vision
- Take a systems perspective – consider interdependence of individual facilities identified in SB 402 legislation
- Cast a broad net in considering potential solutions – considers policy and non-capital improvements that may be needed to realize economic expansion

Extensive Market Outreach



Data analysis was supplemented by extensive market outreach.

- Major manufacturers and NC Chamber of Commerce
- Military
- Local communities
- Economic development and rural planning/MPOs
- Growers associations and agriculture processors
- Port, Class I railroad and GTP representatives
- Site selection specialists
- Experts at other NC institutions (NCSU, First Flight Venture Center)



Statewide Freight Network



Context

- Economic development marketing in NC is shared across multiple organizations and levels of government

Finding

- The absence of a consistent and coordinated focus hinders the incremental development of market opportunities

Strategy

- Create **Secretary's Freight Intermodal Advisory Council** – including but not limited to representatives from Boards of NC Department of Transportation, NC Department of Agriculture and Consumer Services, Department of Commerce, Global TransPark and NC State Ports Authority

25-Year Vision

- Supports Governor McCrory's 25-Year Vision to leverage strategic infrastructure investments to support regional and state economy and create jobs

Restoring Track between Wallace and Castle Hayne (W2CH)



Context

- No rail-dependent operators or businesses are currently stranded without a connection
- No second carrier option nearby – CSXT maintains the market
- Department of Defense (DoD) identifies restoration of W2CH as a high priority to insure redundancy, but has offered no funding to date

Finding

- Market conditions do not currently support restoration, yet the project has strategic value to the military

25-Year Vision

- Growth in traffic at a deeper and improved Port of Wilmington associated with larger ships could trigger need for project



Restoring Track between Wallace and Castle Hayne



Strategies and Next Steps

- Seek support of Congressional delegation to identify funding per DoD interests
- As market needs in the region warrant:
 - Create trans-load facility near junction of I-40/US 117 and existing CSXT rail line near Magnolia
 - Extend existing CSXT rail service south of Wallace on new track if new industry develops
- Reevaluate benefit/cost at a later date as market conditions evolve



Restoring Track between Wallace and Castle Hayne



Port of Wilmington
1951

Strategies and Next Steps – Port of Wilmington

- Complete and pursue implementation of Wilmington Traffic Separation Study recommendations
- Study feasibility of grade separated bridge at North Gate
- Develop plan to implement regular intermodal (rail) service to the Port of Wilmington
- Investigate feasibility of high-lift rail bridge over Cape Fear River between NCSPA and Sunny Point as traffic volumes grow through Wilmington on CSXT Beltline tracks. *(Supports Governor McCrory's 25-Year Vision)*



Inland Bulk Terminal at GTP



Context

- The initial concept for GTP was as a highly efficient air cargo hub that attracts industry to Eastern NC
- GTP's greatest successes to date have been aviation-related
- The distances between GTP and Ports of Norfolk and Morehead City are comparatively short and well within trucking range – an intermediate stop at GTP raises the projected transportation cost
- Backhaul opportunities are limited for refrigerated air cargo



Finding

Market conditions do not currently support construction of a bulk terminal at GTP

25-Year Vision

Build bulk terminal elsewhere on same rail corridor (as market dictates) to build rail traffic and support GTP rail service costs

Inland Bulk Terminal at GTP



Strategies

- Monitor bulk market for changes, but pursue other initiatives to support commerce at GTP in the short run
- Seek private partner with national distribution network and rail service agreements to provide backhaul opportunity and commitment to facility utilization
(Example: 3rd party logistics providers that operate refrigerated unit trains such as Railex, Green Express, TransCold Express)
- Site bulk terminal elsewhere – recognize that this is outside the target industries and existing strengths at GTP
 - There is a lot of suitable land for a bulk terminal in the region if the need develops
 - The fixed amount of space at GTP does not need to be used for this purpose
- A bulk terminal in the same corridor (not on GTP) supports the need for more rail traffic in the GTP corridor which could reduce rates for GTP tenants and others who share the corridor



Other GTP Initiatives (Not Bulk)



Context

- Major asset in eastern NC focused on generating and supporting economic development
- Transportation cost, not access/capacity cited as prime transportation problem
- No party contacted reported *“but for transportation access, GTP would be where our firm would locate”*
- GTP’s budget is close to breaking even, through a combination of budget cuts and expanded business

Findings

- Pursue two-stage approach to growing business at GTP, comprised of short-term initiative to allow the facility to become self-sustaining and longer term effort to build market incrementally

25-Year Vision

- Near-term investments help recruit business to GTP. Longer term, business attractions help support upgrades to transportation connections.



Other GTP Initiatives (Not Bulk)



Short-term Strategies

- Use federal and state resources to successfully obtain government fueling contract in next procurement round
- Make spot improvements to restore facility to state of good repair, including renovation of executive general aviation terminal to attract corporate use
- Contract with national commercial real estate broker to help market GTP and provide ongoing market intelligence



Other GTP Initiatives (Not Bulk)



Longer-term Strategies

- Develop a hospitality program at Lenoir Community College to expand lodging/restaurant options for business in Kinston
- Complete environmental and design for a rail spur connection from the GTP to CSXT at Elmer; purchase right-of-way; install track as market dictates
- Rail cost rather than rail access was identified as a large impediment by multiple parties. Explore allowing a short-line operator to handle freight on the GTP property and spur
- Engage NCRR and NS regarding discussion on service and rates



Rail and Highway – Port of Morehead City



Context

- Declining share of state's tonnage (*69% of POW volume in 2003; 34% in 2013*); overall top line volumes up 17% over decade, but driven by barge activity (*one tenant*); ship calls down (*153 calls in 2003, 121 in 2013*)
- Bulk, breakbulk and project cargoes
- Perceived conflict between local community and Port hinders operations and ability to attract business; road and rail conflicts intensify the opposing issues
- No capacity constraints on the Port's business development were identified, but some oversized rail and highway cargo clearance issues have been identified between GTP and the Port



Rail and Highway – Port of Morehead City



Findings

- Address road and rail conflicts between the Port and surrounding community. Market and establish a clear vision for the Port in order to preserve the footprint for this state asset as needed for future operation per Governor McCrory's 25-Year Vision.

25-Year Vision

- Near-term investments help support competitive rail to the Port. Longer term, a multi-modal bypass may become necessary as Port traffic grows and/or larger vessels call after improvements and dredging.



Port of Morehead City, 1935



Port of Morehead City, 2014

Rail and Highway – Port of Morehead City



Short-term Strategies

- Pursue “Super Street”-style advanced and coordinated traffic plan to reduce rail and truck Port traffic conflicts (*rail crossing consolidation*) with automotive and pedestrian traffic.
- Invest in handling equipment and loop track to accommodate anticipated growth in pellet traffic and capture other bulk markets.
- Investigate options to upgrade truck route to limit maintenance activities and improve velocity.
- Update master plan (*last done in 2002*) for Port of Morehead City to establish a vision of how Port will function going forward, bolster investor confidence, and coordinate with the existing residential and tourism uses on Radio Island. Consider Port-owned properties for future uses including staging areas and building trains.
- Share information about Port operations and benefits with the public and business communities – positive local marketing.
- Consider adding shore power connections for the dock to make Port more attractive for certain shippers.

Rail and Highway – Port of Morehead City



Longer-term Strategies

- While the market does not currently support a road and/or rail bypass solution, this may become more feasible in the future if Port volumes increase substantially.
- Fund and pursue full NEPA process to identify and preserve road and rail bypass corridor to accommodate this long-term opportunity.
- Fund and pursue environmental analysis of utilizing Radio Island for Port operations. Zoning to preserve commercial/industrial use option for Radio Island





Discussion





PIEDMONT & CAROLINIAN PERFORMANCE SNAPSHOT

NCDOT RAIL DIVISION SEPTEMBER 2014

Ridership

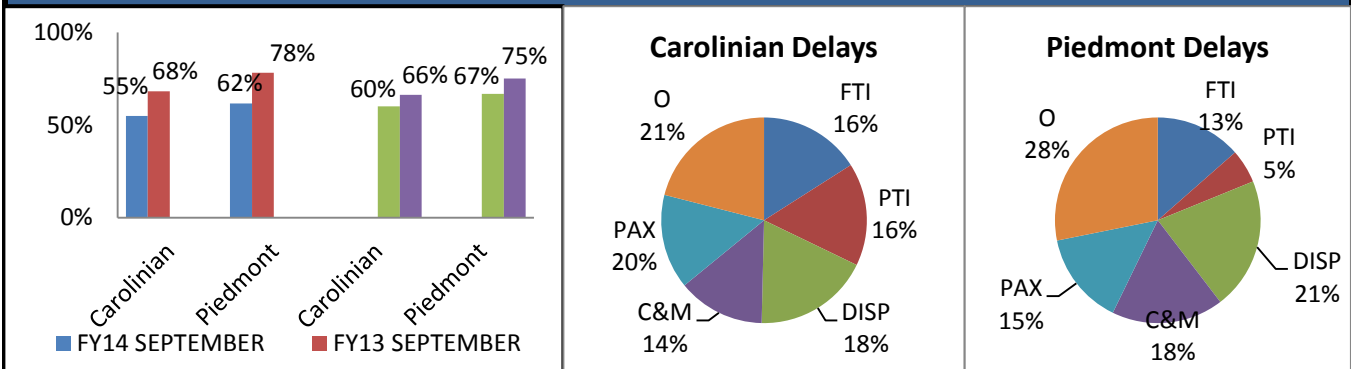
	FY14 SEPT	FY13 SEPT	Δ	FY14 YTD	FY13 YTD	Δ
Carolinian	22,210	22,868	-3%	302,601	317,550	-5%
Piedmont	13,246	13,259	0%	170,413	170,266	0%
Total	35,456	36,127	-2%	473,014	487,816	-3%
			# of Trains	FY14 SEPT	FY13 SEPT	Δ
Average number of passengers per train		Carolinian	60	370	381	-3%
		Piedmont	120	110	110	0%

Revenue

	FY14 SEPT	FY13 SEPT	Δ	FY14 YTD	FY13 YTD	Δ
Carolinian	\$1,329,931	\$1,394,524	-5%	\$19,136,311	\$19,841,847	-4%
Piedmont	\$272,002	\$264,662	3%	\$3,402,929	\$3,325,948	2%
Total	\$1,601,933	\$1,659,185	-3%	\$22,539,240	\$23,167,795	-3%
Amenities	Mo. Surcharge	\$6,341	Mo. Expense	\$2,126	Mo. Surplus	\$4,215

*Average number of passengers per train is the monthly ridership divided by the number of operating trains, assuming regular operations for FY13. Amenities surcharge only accounts for Piedmont services.

On-time Performance



*Carolinian and Piedmont delays were 6,466 and 3,260 minutes, respectively. FTI - Freight Train Interference; PTI - Passenger Train Interference; DISP - Dispatch Related; C&M - Construction and Maintenance; PAX - Any Passenger Related; O - All Other Delays (ex. weather, locomotive failure, utility)

Overall Customer Satisfaction

	FY14 August	FY13 YEAR-END	Δ
Carolinian	68%	81%	-13%
Piedmont	94%	92%	2%

*The customer satisfaction index is calculated from rider survey data taken in the previous month. Overall satisfaction is defined as average scores greater than or equal to 80.

North Carolina City Pairs with Largest Ridership

	Carolinian	Piedmont
1	Charlotte - Raleigh	Charlotte - Raleigh
2	Raleigh - Washington	Charlotte - Cary
3	Charlotte - Durham	Charlotte - Greensboro
4	Charlotte - New York	Charlotte - Durham
5	Greensboro - Washington	Greensboro - Raleigh
6	Durham - Washington	Durham - Greensboro
7	New York - Raleigh	Cary - Greensboro
8	New York - Wilson	Charlotte - High Point
9	Durham - New York	High Point - Raleigh
10	Charlotte - Washington	Cary - Durham

*From the previous month, New York - Raleigh had the largest increase of 48% and Charlotte - New York the largest decrease of 24% for the Carolinian; Cary - Greensboro had the largest increase of 7% and Greensboro - Raleigh the largest decrease of 13% for the Piedmont.

Carolinian and Piedmont Total Ons-Offs at North Carolina's Stations

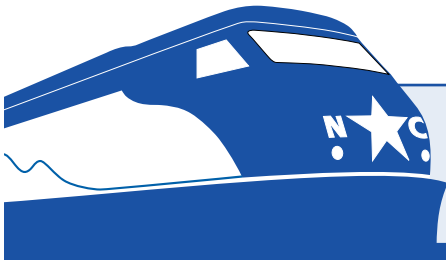
	FY14 SEPTEMBER	FY13 SEPTEMBER	Δ
Charlotte	12,964	13,300	-3%
Greensboro	8,595	8,565	0%
Raleigh	8,585	8,737	-2%
Durham	6,394	6,462	-1%
Cary	4,576	4,641	-1%
High Point	2,637	2,815	-6%
Wilson	2,400	2,243	7%
Burlington	1,784	1,839	-3%
Salisbury	1,706	1,717	-1%
Rocky Mount	1,381	1,344	3%
Kannapolis	1,343	1,293	4%
Selma-Smithfield	608	559	9%

*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.



www.NCByTrain.org





The Rail Report

NCDOT Rail Division



December 2014

Vertex Rail Brings Jobs to Wilmington



Secretary Tony Tata speaks at Vertex Rail Announcement

On November 13, Governor Pat McCrory announced that Vertex Rail will be adding 1,300 new jobs at the former Terex Crane facility in Wilmington. The company will manufacture rail tank cars which are in high demand to transport crude oil from North Dakota, Texas and other energy-producing areas of the United States.

Outdated tank cars have contributed to fires and leaks during derailments involving trains hauling crude oil. The Federal Railroad Administration (FRA) and the Pipeline and Hazardous Materials Safety Administration (PHMSA) are finalizing a recommended specification for new tank cars which will be more resilient against derailment incidents and punctures. More than 70,000 tank cars will be needed to replace obsolete cars, which must be retired by October 1, 2017. Vertex Rail estimates they will be able to produce 1,400 cars in their first year of operations, 4,500 in their second year, and many more in the ensuing years.

At the announcement in Wilmington, Governor McCrory urged Vertex and all North Carolina companies to strongly consider hiring military veterans.

"Veterans can be a major asset for the Vertex workforce," Governor McCrory said. "They come to the work place highly trained and their leadership skills can strengthen communities in Brunswick, Columbus, and New Hanover and Pender counties."

Vertex will be hiring assemblers and fitters, welders, and painters as well as personnel with expertise in engineering, logistics, quality assurance, sales, safety and management. The company reports that salaries will average approximately \$40,000 annually.

Vertex will work with Cape Fear Community College on customized training programs and will hire graduates from the college's traditional degree and certificate programs.

The North Carolina Departments of Transportation and Commerce are contributing \$305,000 from the Economic Development Fund for the restoration of the River Road crossing and signals. The NCDOT Rail Division is contributing \$200,000 from the Freight Rail & Rail Crossing Safety Improvement Fund to improve the rail spur. This fund is funded through dividends received by the state from the NC Railroad Company.

Vertex and it's employees will play a significant role in making the railroads safer across North America and supporting our domestic energy industry.



Concord Bridge Project benefits Passenger and Freight Service

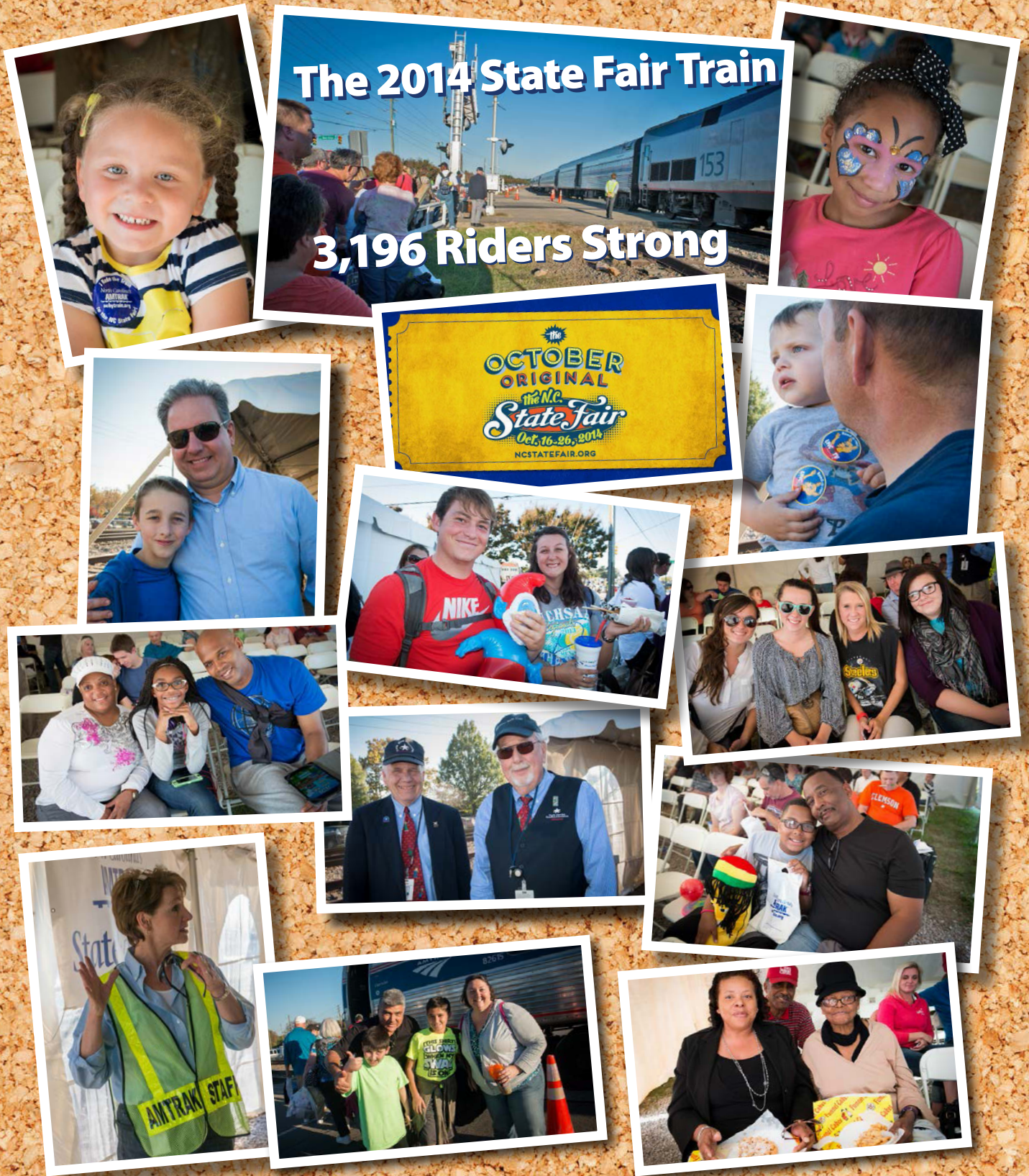
In Concord, the NCDOT project to replace the Cabarrus Avenue bridge over the railroad has advanced to allow removal of the old bridge over the railroad and the adjacent Corban Avenue at-grade railroad crossing. Work is now underway to complete the final piece of a 6-mile track alignment and superelevation improvement that was awaiting the bridge work to be complete. With the completion of this bridge and track work, the last restriction in track speed in this area is removed. There will now be extended miles of continuous 79 mph passenger train operations versus the previous multiple restricted speed locations. The Rail Division has followed and worked with PD&EA, Roadway Design and Structures Management Units in the Division of Highways on developing and delivering this TIP project since 2004.



Roadway improvements included in the B-3421 bridge replacement project allowed the Corban Ave crossing to be closed.

The 2014 State Fair Train

3,196 Riders Strong



Photos by Katy Warner, NCDOT Photographer

Ridership & Revenue on NC's Amtrak Service – September 2014 vs. 2013

	RIDERSHIP			REVENUE		
	2014	2013	% +/-	2014	2013	% +/-
Piedmont	13,246	13,259	0%	\$272,002	\$264,662	3%
Carolinian	22,210	22,868	-3%	\$1,329,931	\$1,394,524	-5%



2014
Ridership
645

Sit back, relax and let us do the driving this holiday season.



North Carolina's
AMTRAK
nchytrain.org
800-BY-TRAIN

Simple and stress free.

PiedmontSM and CarolinianSM are operated as a partnership between Amtrak and NCDOT. Amtrak is a registered service mark of the National Railroad Passenger Corporation. Photo courtesy of Rose Corriher.

Where is North Carolina's Amtrak?

November was a busy month for marketing our passenger train service across the state. Rail Division staff, station attendants, Volunteer Train Hosts spread the word about North Carolina's Amtrak at the following events:

Nov. 1-2 – Whirligig Festival

Nov. 5 – NCSU Talley Student Union

Nov. 8-9 – Neuse River RR Day at the NC Fairgrounds

Nov. 13 – Go Triangle Golden Modes

Nov. 15 – NCSU vs. Wake Forest - Football game FanZone Event

Nov. 16 – Elon vs. UNC-C (basketball) @ Elon

Nov. 18 – UNC-G vs. UNC-W (basketball) @ Greensboro Coliseum

Nov. 20 – Duke vs. UNC-CH (football) @ Duke



Gabe Alston, High Point Station Attendant

Bogue Sound baggage/lounge car added to the Piedmont Equipment Fleet

The last baggage/lounge car to be refurbished under the PIP Program, the 400205 "Bogue Sound," returned from Delaware Car Company (DCC) in late October and began daily service on November 17. DCC is still working on 56 seat coaches 400013 and 400014. The division also received two coach shells that will be refurbished as 56 seat coaches 400015 and 400016.

North Carolina's passenger rail program takes great pride in our state's natural resources and beauty. We have named each of our lounge/baggage cars after the largest bodies of water in the state, the sounds. Our passenger coaches are named after state symbols.

Piedmont & Carolinian Train Schedules

Effective November 17, 2014

North Carolina's
AMTRAK
nchytrain.org

South/Westbound

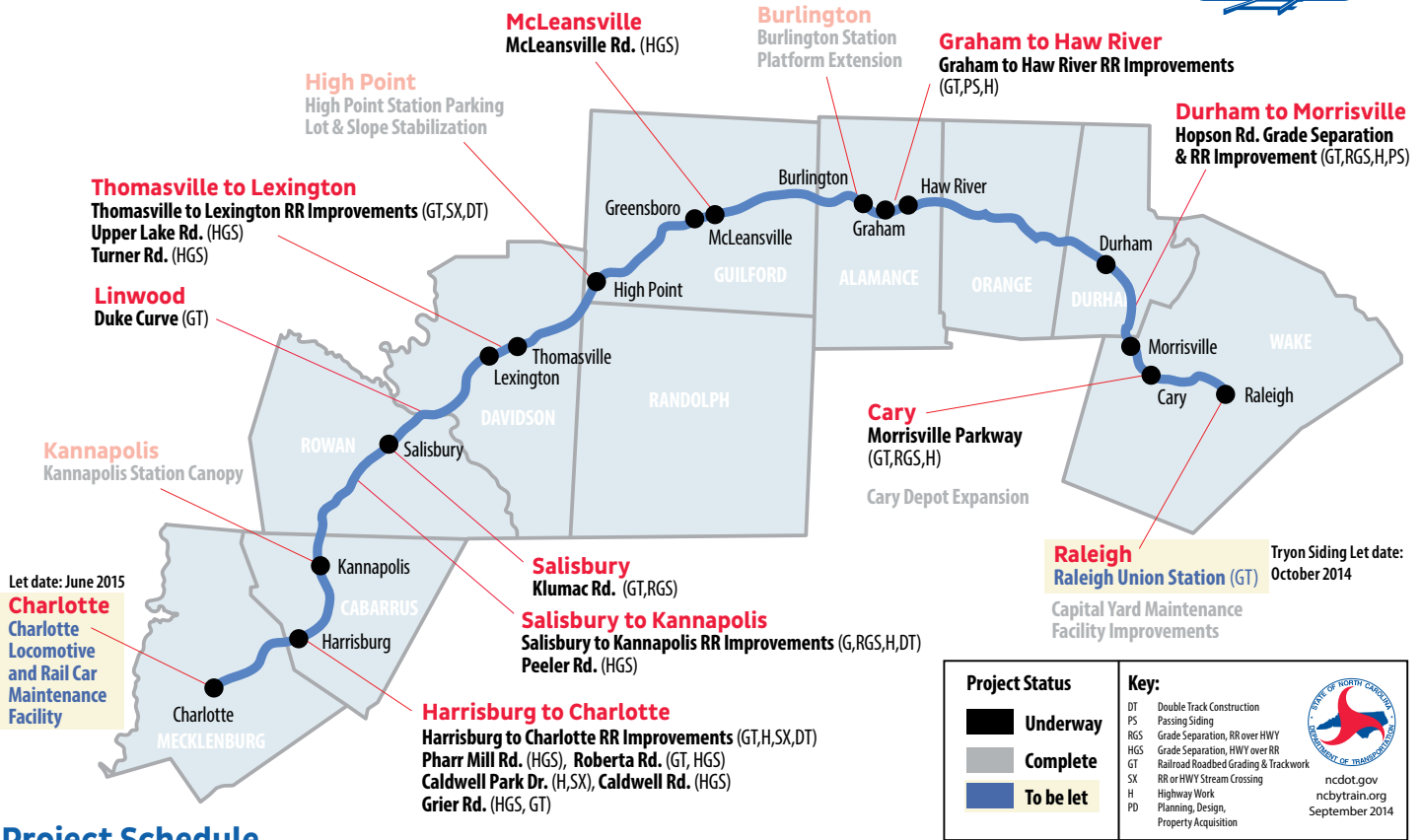
DEPARTS	TRAIN 73	TRAIN 75	TRAIN 79
NEW YORK	N/A	N/A	7:05 AM
NEWARK, NJ	N/A	N/A	7:24 AM
TRENTON, NJ	N/A	N/A	8:03 AM
PHILADELPHIA, PA	N/A	N/A	8:35 AM
WILMINGTON, DE	N/A	N/A	8:58 AM
BALTIMORE, MD	N/A	N/A	9:45 AM
WASHINGTON, DC	N/A	N/A	10:53 AM
ALEXANDRIA, VA	N/A	N/A	11:10 AM
QUANTICO, VA	N/A	N/A	11:36 AM
FREDERICKSBURG, VA	N/A	N/A	11:56 AM
RICHMOND, VA	N/A	N/A	1:08 PM
PETERSBURG, VA	N/A	N/A	1:41 PM
ROCKY MOUNT	N/A	N/A	3:11 PM
WILSON	N/A	N/A	3:30 PM
SELMA	N/A	N/A	4:03 PM
RALEIGH	6:45 AM	11:45 AM	4:50 PM
CARY	6:57 AM	11:57 AM	5:03 PM
DURHAM	7:17 AM	12:17 PM	5:24 PM
BURLINGTON	7:53 AM	12:53 PM	6:01 PM
GREENSBORO	8:18 AM	1:18 PM	6:32 PM
HIGH POINT	8:34 AM	1:34 PM	6:48 PM
SALISBURY	9:08 AM	2:08 PM	7:24 PM
KANNAPOLIS	9:24 AM	2:24 PM	7:41 PM
CHARLOTTE	9:55 AM ^(ar)	2:55 PM ^(ar)	8:12 PM ^(ar)

North/Eastbound

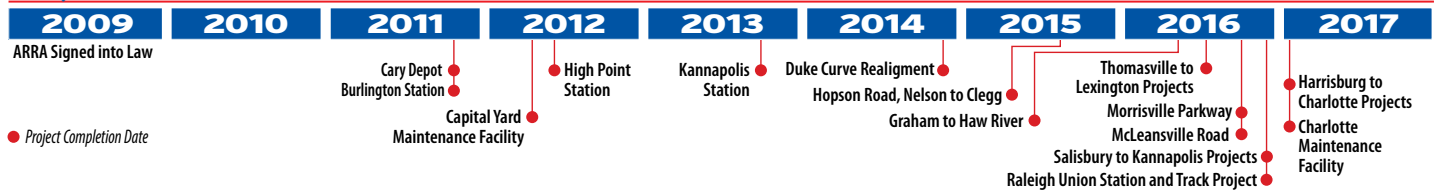
DEPARTS	TRAIN 80	TRAIN 74	TRAIN 76
CHARLOTTE	7:00 AM	12:00 PM	5:15 PM
KANNAPOLIS	7:25 AM	12:25 PM	5:40 PM
SALISBURY	7:43 AM	12:41 PM	5:56 PM
HIGH POINT	8:17 AM	1:14 PM	6:29 PM
GREENSBORO	8:39 AM	1:34 PM	6:49 PM
BURLINGTON	9:01 AM	1:55 PM	7:10 PM
DURHAM	9:42 AM	2:33 PM	7:48 PM
CARY	10:02 AM	2:53 PM	8:08 PM
RALEIGH	10:25 AM	3:11 PM ^(ar)	8:26 PM ^(ar)
SELMA	11:00 AM	N/A	N/A
WILSON	11:30 AM	N/A	N/A
ROCKY MOUNT	11:52 AM	N/A	N/A
PETERSBURG, VA	1:17 PM	N/A	N/A
RICHMOND, VA	2:12 PM	N/A	N/A
FREDERICKSBURG, VA	3:06 PM	N/A	N/A
QUANTICO, VA	3:28 PM	N/A	N/A
ALEXANDRIA, VA	4:02 PM	N/A	N/A
WASHINGTON, DC	4:30 PM	N/A	N/A
BALTIMORE, MD	5:51 PM	N/A	N/A
WILMINGTON, DE	6:43 PM	N/A	N/A
PHILADELPHIA, PA	7:07 PM	N/A	N/A
TRENTON, NJ	7:43 PM	N/A	N/A
NEWARK, NJ	8:27 PM	N/A	N/A
NEW YORK	8:47 PM ^(ar)	8:49 PM ^(ar)	8:49 PM ^(ar) on Sat & Sun Only

Checked Baggage * NC Amtrak Connector Shuttle Meets Train
 Staffed Station (No Checked Baggage) (ar) Arrival

Piedmont Improvement Program – October 2014 Status Report



Project Schedule



ARRA Funds Spent to Date (effective 10/31/2014)

Component	Expenditure
PD&A/ROW	\$42,674,016.60
Equipment Procurement & Rebuild	\$25,682,575.73
Stations & Facilities	\$10,646,734.59
Track & Structures	\$115,120,746.07
CRISP	\$2,180,376.32
Program Totals	\$196,304,449.31 of \$520M awarded FRA Grant Funds
New ARRA Contracts Awarded in October: 17 contracts worth \$7,814,596.17	

PIP Milestones



- Thomasville to Lexington Projects:** The Upper Lake Road grade separation (*above*) in Davidson County within the Bowers to Lake Double Track project opened to highway traffic in October. This is the first grade separation to open to traffic in the PIP program.
- Harrisburg to Charlotte Projects:** The railroad track detour necessary to begin construction of the railroad bridge for future Mallard Creek Church Road extension in Charlotte was cut in on October 27.
- Congestion Mitigation Projects:** The three proposed crossover locations to allow trains to move between main tracks on the CSX A-line (Project P42) were advertised for bids. Construction is expected to begin in early 2015.

Piedmont Improvement Program Project Photos – Mid-October to November 2014



P-5201 Morrisville Parkway grading



P-5201 Morrisville Parkway, west approach to bridge



U-4716 Hopson Road bridge construction



U-4716 Hopson Road bridge construction



P-5205 Graham to Haw River, signal installation



P-5205 Graham to Haw River Grading

Piedmont Improvement Program Project Photos – Mid-October to November 2014



C-4901 Bowers to Lake - Turner Road Bridge Paving



C-4901 Bowers to Lake - Bridge over Abbots Creek



P-5206 Reid to N. Kannapolis - Peeler Road Bridge Construction



P-5206 Reid to N. Kannapolis



P-5208 Haydock to Junker - Roberta Road Bridge



P-5208 Haydock to Junker - Grading



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 3, 2014

TIME: 2:45 PM

LOCATION: 160

TOPIC	PRESENTER	TIME
Allen Tate , a portion of I-485 (Project R-2248E), Mecklenburg County (Collett)	Missy Pair	10 min