



MEETING AGENDA
Monthly Meeting of the North Carolina Board of Transportation
 1 South Wilmington Street Raleigh, North Carolina 27601
July 8 - 9, 2015

WEDNESDAY, JULY 8, 2015

10:30AM – 12:00PM

Multi-Modal Committee Highways Committee	Room 150
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12:00PM – 12:20PM Break

Working Lunch – Full Board Attendance	Room 150
<ul style="list-style-type: none"> • Prioritization 4.0 - Final Recommendations Don Voelker • Communications Update Mike Charbonneau 	

1:15PM Break

1:30PM

Funding & Appropriation Strategies Committee	Room 150
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Will begin immediately following the FAST Committee

Road Naming Committee	Room 160
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Will begin following the conclusion of committee meetings

General Meeting Time	Various Locations
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NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

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

Chairman Curran
Lou Wetmore
Chairman Curran
Chairman Curran

INFORMATION AND DELEGATED AUTHORITY

Secretary's Remarks

Secretary Tata

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

- Legislative Update
- Department's Mission, Vision, and Goals

Bobby Lewis
Susan Pullium

ACTION

Chairman Curran

Prioritization 4.0

Approval of Projects

- (Item G)** Additions and Abandonments to State Secondary Road System
- (Item I)** Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-2) Rail Program
- (Item J)** Specific State Funds for Construction Projects
- (Item K)** North Carolina Highway Trust Funds
- (Item M)** Funds for Specific Federal-Aid Projects
- (Item N)** Revisions to the 2012-2020 and 2016-2025 STIP
- (Item O)** Municipal and Special Agreements
- (Item P)** Municipal Street System Changes
- (Item R)** Right of Way Resolutions and Ordinances

Committee Reports

Chairman Curran

Other Business

Adjourn

PROJECTS LIST
NORTH CAROLINA BOARD OF TRANSPORTATION
RALEIGH, NORTH CAROLINA
July 8 - 9, 2015

Delegated Authority Secretary Tata

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

Action Chairman Curran

- (Item G) Additions, Abandonments, and Road Name Changes to State
Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-2) Rail Program
 - (Item I-3) Bicycle and Pedestrian
 - (Item I-4) Aviation
- (Item J) Specific State Funds for Construction Projects
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2012-2020 and 2016-2025 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations
- (Item T) Submission of Comprehensive Transportation Plans for Mutual
Adoption by the Board of Transportation

NCDOT Board of Transportation Agenda

ITEM C

June 2015

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

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

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ITEM C

NOTE: THIS PROPOSAL COULD BE BID SEPARATELY OR IN COMBINATION WITH ONE OTHER PROPOSAL(S)
C203591

34442.3.S4
STATE FUNDED
JONES, ONSLOW
R-2514B, R-2514C
06/16/2015

PROPOSAL LENGTH 9.648 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES..
LOCATION US-17 SOUTH OF BELGRADE TO NORTH OF MAYSVILLE TO SOUTH OF NC-58 NEAR
POLLOCKSVILLE.

EST CONST PROGRESS.... FY-2016..23% OF BID
FY-2017..27% OF BID
FY-2018..22% OF BID
FY-2019..17% OF BID
FY-2020..11% OF BID

RPN 001 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 7.00%
ESTIMATE 73,786,265.63

DATE AVAILABLE OCT 01 2015
INTER COMPLETION JUL 01 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION DEC 28 2020

	\$ TOTALS	% DIFF
CONTI ENTERPRISES, INC EDISON, NJ	101,806,340.00	+38.0
DRAGADOS USA INC NEW YORK, NY	103,319,339.97	+40.0

**** THIS PROJECT IS NOT PART OF THE LOW BID ****

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

NOTE: THIS PROPOSAL COULD BE BID SEPARATELY OR IN COMBINATION WITH ONE OTHER PROPOSAL(S)
 C203592

34442.3.S6
 STATE FUNDED
 CRAVEN, JONES
 R-2514D
 06/16/2015

PROPOSAL LENGTH 6.383 MILES
 TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.
 LOCATION US-17 FROM SOUTH OF NC-58 TO THE US-17 NEW BERN BYPASS.

EST CONST PROGRESS.... FY-2016..23% OF BID
 FY-2017..27% OF BID
 FY-2018..22% OF BID
 FY-2019..17% OF BID
 FY-2020..11% OF BID

RPN 002 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 6.00%
 ESTIMATE 73,793,587.29

DATE AVAILABLE OCT 01 2015
 INTER COMPLETION JUL 01 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 AUG 01 2018 COMPLETE ALL WORK REQUIRED OF PHASE I, STEP #2
 FINAL COMPLETION DEC 28 2020

	\$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION CHARLOTTE, NC	75,497,703.47	+2.3
DRAGADOS USA INC NEW YORK, NY	93,391,046.11	+26.6
CONTI ENTERPRISES, INC EDISON, NJ	114,568,928.33	+55.3

**** THIS PROJECT IS NOT PART OF THE LOW BID ****

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

NOTE: THIS PROPOSAL IS A COMBINATION OF THE ABOVE TWO PROPOSALS, ALLOWING THE CONTRACTOR THE OPTION OF BIDDING THE WORK SEPARATELY AND/OR COMBINED

34442.3.S4, 34442.3.S6
 STATE FUNDED
 JONES, ONSLOW, CRAVEN
 R-2514B, R-2514C, R-2514D
 06/16/2015

PROPOSAL LENGTH 16.031 MILES
 TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES..
 LOCATION US-17 SOUTH OF BELGRADE TO THE US-17 NEW BERN BYPASS.

EST CONST PROGRESS.... FY-2016..23% OF BID
 FY-2017..27% OF BID
 FY-2018..22% OF BID
 FY-2019..17% OF BID
 FY-2020..11% OF BID

RPN 003 6 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 7.00%
 ESTIMATE 146,507,778.38

DATE AVAILABLE OCT 01 2015
 INTER COMPLETION JUL 01 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 AUG 01 2018 D: COMPLETE ALL WORK REQUIRED OF PHASE I, STEP #2
 FINAL COMPLETION DEC 28 2020

	\$ TOTALS	% DIFF
BBI/EVW JV WILMINGTON, NC	143,402,171.31	-2.1
S. T. WOOTEN CORPORATION CHARLOTTE, NC	143,662,156.86	-1.9
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	157,201,045.92	+7.3
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	164,442,979.95	+12.2
DRAGADOS USA INC NEW YORK, NY	177,975,360.92	+21.5
CONTI ENTERPRISES, INC EDISON, NJ	198,577,777.00	+35.5

**** THIS IS A COMBINATION BID AND IS THE LOW BID ****

***** SUMMARY OF LOW BID TOTAL FOR THE ABOVE COMBINATION *****

		INDIVIDUAL LOW BID	COMBINATION LOW BID
C203591	RPN 001	101,806,340.00	
C203592	RPN 002	75,497,703.47	

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2015

***** SUMMARY OF LOW BID TOTAL FOR THE ABOVE COMBINATION *****

		INDIVIDUAL LOW BID	COMBINATION LOW BID
C203697	RPN 003		143,402,171.31
	TOTALS	<hr/> 177,304,043.47	<hr/> 143,402,171.31

(NOTE: "RPN" IS AN ABBREVIATION FOR "REVISED PROJECT NUMBER".
EACH PROJECT IS ASSIGNED AN RPN FOR DATA PROCESSING.)

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

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C203701
5CR.10731.15, 5CR.20731.15
STATE FUNDED
PERSON
06/16/2015

PROPOSAL LENGTH 18.530 MILES

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

LOCATION 1 SECTION OF US-158, 1 SECTION OF US-501, 1 SECTION OF NC-49, 1 SECTION OF NC-57
AND 2 SECTIONS OF SECONDARY ROADS.

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

RPN 004 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 6.00%
ESTIMATE 2,878,965.86

DATE AVAILABLE JUL 27 2015

FINAL COMPLETION NOV 25 2015

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	2,642,640.30	-8.2
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,131,715.27	+8.8

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

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C203706
5CR.10921.57
STATE FUNDED
WAKE
06/16/2015

PROPOSAL LENGTH 9.640 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION US-70 BUS FROM I-40 TO JOHNSTON CO LINE, US-70 FROM SR-2538 TO SR-2026 & US-401
FROM NC-55 TO HARNETT CO LINE.

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

RPN 005 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 4,382,980.22

DATE AVAILABLE JUL 27 2015

FINAL COMPLETION MAY 31 2016

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,785,256.96	-13.6
THE LANE CONSTRUCTION CORP CHESHIRE, CT	4,594,940.70	+4.8

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

C203635
 35520.3.S5
 STATE FUNDED
 WAKE
 R-2635D
 06/26/2015

PROPOSAL LENGTH 1.400 MILES
 TYPE OF WORK DESIGN-BUILD.
 LOCATION TRIANGLE EXPRESSWAY (TOLL NC-540)/OLD HOLLY SPRINGS - APEX ROAD (SR-1153) INTERCHANGE.

EST CONST PROGRESS.... FY-2016..13% OF BID
 FY-2017..49% OF BID
 FY-2018..36% OF BID
 FY-2019..02% OF BID

RPN 001 4 BIDDER(S) MBE GOAL 6.00 % WBE GOAL 6.00%
 ESTIMATE 20,390,000.00

DATE AVAILABLE JUL 27 2015
 FINAL COMPLETION AUG 01 2018

QUALITY ADJUSTED PRICE RANKING

PROPOSAL	TECH SCORE	QUALITY CREDIT %	ACTUAL CONT AMT (PRICE PROP)	ACT % DIFF	QUALITY VALUE	CONT AWARD BASIS (ADJ PRICE)	ADJ % DIFF
BLYTHE CONSTRUCTION, INC.	77.00	3.50	18,436,920.00	-9.6	645,292.20	17,791,627.80	-12.7
ARCHER WESTERN CONSTRUCTION LLC	95.00	12.50	20,840,800.00	+2.2	2,605,100.00	18,235,700.00	-10.6
S. T. WOOTEN CORPORATION	93.50	11.75	21,205,500.00	+4.0	2,491,646.25	18,713,853.75	-8.2
FSC II LLC DBA FRED SMITH COMPANY	87.50	8.75	21,391,000.00	+4.9	1,871,712.50	19,519,287.50	-4.3

PROPOSAL	PROPOSED COMPLETION DATE
BLYTHE CONSTRUCTION, INC.	MAY 26 2017
ARCHER WESTERN CONSTRUCTION LLC	SEP 28 2017
S. T. WOOTEN CORPORATION	MAY 31 2017
FSC II LLC DBA FRED SMITH COMPANY	DEC 15 2017

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

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C203699
6CR.10091.83, 6CR.10241.83, 6CR.20241.83
STATE FUNDED
BLADEN, COLUMBUS
06/16/2015

PROPOSAL LENGTH 46.590 MILES
TYPE OF WORK WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 1 SECTION OF NC-53, NC-210, AND NC-410, AND 12 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..92% OF BID
FY-2017..08% OF BID

RPN 006 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 5,726,549.08

DATE AVAILABLE JUL 27 2015
FINAL COMPLETION AUG 31 2016

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	5,380,770.60	-6.0
HIGHLAND PAVING CO., LLC FAYETTEVILLE, NC	5,899,868.15	+3.0

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

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C203698
6CR.10431.83, 6CR.20261.83, 6CR.20431.83
STATE FUNDED
HARNETT, CUMBERLAND
06/16/2015

PROPOSAL LENGTH 61.820 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF NC-27, 2 SECTIONS OF NC-87, 2 SECTIONS OF NC-210 AND 51 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..92% OF BID
FY-2017..08% OF BID

RPN 007 2 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 6.00%
ESTIMATE 8,428,159.60

DATE AVAILABLE JUL 27 2015

FINAL COMPLETION AUG 31 2016

	\$ TOTALS	% DIFF
JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	8,124,830.30	-3.6
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	8,127,218.10	-3.6

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

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C203695
6CR.10781.83, 6CR.20781.83
STATE FUNDED
ROBESON
06/16/2015

PROPOSAL LENGTH 28.520 MILES

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

LOCATION 1 SECTION OF US-501, 2 SECTIONS OF NC-130, 2 SECTIONS OF NC-710 AND 8 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..92% OF BID
FY-2017..08% OF BID

RPN 008 2 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 5.00%
ESTIMATE 3,673,113.20

DATE AVAILABLE JUL 27 2015

FINAL COMPLETION AUG 31 2016

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	3,509,016.94	-4.5
JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	3,610,410.46	-1.7

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

C203645
 34429.3.S9
 STATE FUNDED
 ROCKINGHAM
 R-2413CA
 06/16/2015

PROPOSAL LENGTH 1.344 MILES
 TYPE OF WORK GRADING, DRAINAGE, PAVING, & STRUCTURE.
 LOCATION US-220/FUTURE I-73 AT NC-68 - CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.

EST CONST PROGRESS.... FY-2016..83% OF BID
 FY-2017..17% OF BID

RPN 009 6 BIDDER(S) MBE GOAL 6.00 % WBE GOAL 6.00%
 ESTIMATE 14,022,458.23

DATE AVAILABLE JUL 27 2015
 INTER COMPLETION NOV 15 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 FINAL COMPLETION MAY 15 2017

	\$ TOTALS	% DIFF
BRANCH HIGHWAYS, INC. ROANOKE, VA	11,401,065.40	-18.7
SMITH-ROWE, LLC MOUNT AIRY, NC	13,495,242.86	-3.8
YATES CONSTRUCTION CO., INC. STOKESDALE, NC	13,675,168.47	-2.5
SHARPE BROTHERS A DIV OF VECELLIO & GROGAN, INC. GREENSBORO, N	13,751,559.61	-1.9
JIMMY R. LYNCH & SONS, INC. PILOT MOUNTAIN, NC	15,264,994.95	+8.9
W. C. ENGLISH, INC. LYNCHBURG, VA	15,840,479.62	+13.0

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

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C203290
34820.3.FS29
NHF-0708(62)
GUILFORD
U-2524BC
06/16/2015

PROPOSAL LENGTH 0.985 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AUX LANES, ITS & STRUCTURES.
LOCATION GREENSBORO W LOOP FROM I-73/I-840 TO SR-2085 (JOSEPH BRYAN BLVD) INTERCHANGE.

EST CONST PROGRESS.... FY-2016..92% OF BID
FY-2017..08% OF BID

RPN 010 4 BIDDER(S) DBE GOAL 11.00 %
ESTIMATE 5,180,332.20

DATE AVAILABLE JUL 27 2015
INTER COMPLETION SEP 02 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAR 01 2017

	\$ TOTALS	% DIFF
FLATIRON CONSTRUCTORS, INC. BLYTHE DEVELOPMENT CO JOINT VENT BF	4,955,491.02	-4.3
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	5,145,222.03	-0.7
VECELLIO & GROGAN INC BECKLEY, WV	5,159,924.18	-0.4
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	6,556,295.65	+26.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
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C203708
7CR.10791.57, 7CR.20791.57
STATE FUNDED
ROCKINGHAM
06/16/2015

PROPOSAL LENGTH 29.862 MILES
TYPE OF WORK MILLING & RESURFACING.
LOCATION NC-87 FROM US-29 BUS TO SR-2594 AND 22 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..49% OF BID
FY-2017..51% OF BID

RPN 011 4 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 3,666,525.53

DATE AVAILABLE APR 15 2016

FINAL COMPLETION NOV 20 2016

	\$ TOTALS	% DIFF
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	3,405,678.84	-7.1
SHARPE BROTHERS A DIV OF VECELLIO & GROGAN, INC. GREENSBORO, N	3,609,649.99	-1.6
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	3,730,571.14	+1.7
ADAMS CONSTRUCTION COMPANY ROANOKE, VA	4,433,982.64	+20.9

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

C203709
 7CR.20011.48, 7CR.20681.48
 STATE FUNDED
 ALAMANCE, ORANGE
 06/16/2015

PROPOSAL LENGTH 19.709 MILES
 TYPE OF WORK MILLING & RESURFACING.
 LOCATION 22 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2016..49% OF BID
 FY-2017..51% OF BID

RPN 012 4 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 6.00%
 ESTIMATE 2,129,260.51

DATE AVAILABLE APR 15 2016
 INTER COMPLETION AUG 19 2016 COMPLETE ALL WORK REQUIRED ON MAPS #2, #3, #4, #8 & #10
 FINAL COMPLETION NOV 20 2016

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	1,815,023.60	-14.8
RILEY PAVING INC CARTHAGE, NC	1,884,350.96	-11.5
S. T. WOOTEN CORPORATION CHARLOTTE, NC	1,893,244.63	-11.1
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,026,996.37	-4.8

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 JUNE, 2015
 DIVISION 00008

C203589
 42252.3.FR1
 BRZ-1619(5)
 RANDOLPH
 B-5114
 06/16/2015

PROPOSAL LENGTH 0.281 MILES
 TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
 LOCATION BRIDGE #136 OVER US-29/70 AND I-85 BUS ON SR-1619.

EST CONST PROGRESS.... FY-2016..90% OF BID
 FY-2017..10% OF BID

RPN 013 5 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 4,973,591.74

DATE AVAILABLE JUL 27 2015
 INTER COMPLETION SEP 16 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 FINAL COMPLETION MAR 15 2017

	\$ TOTALS	% DIFF
LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC. PINEVILLE, NC	4,714,969.65	-5.2
SMITH-ROWE, LLC MOUNT AIRY, NC	4,971,544.31	+0.0
DANE CONSTRUCTION, INC. MOORESVILLE, NC	5,021,493.70	+1.0
DELLINGER, INC. MONROE, NC	5,389,672.91	+8.4
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	5,651,426.22	+13.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
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C203710
8CR.10471.27, 8CR.10831.27, 8CR.20471.27, 8CR.20831.27
STATE FUNDED
HOKE, SCOTLAND
06/16/2015

PROPOSAL LENGTH 35.410 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-15/401, 1 SECTION OF US-401 BUS, 1 SECTION OF NC-211 AND 2 SECTIONS OF SECONDARY ROADS.

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

RPN 014 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 6.00%
ESTIMATE 6,852,937.33

DATE AVAILABLE AUG 03 2015

FINAL COMPLETION JUN 30 2016

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	6,977,243.04	+1.8
HUDSON PAVING, INC. ROCKINGHAM, NC	6,994,588.35	+2.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
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C203703
8CR.10531.27, 8CR.20531.27
STATE FUNDED
LEE
06/16/2015

PROPOSAL LENGTH 12.270 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION US-1 FROM NC-42 TO NORTH OF US-421, NC-87 FROM SR-1290 TO HARNETT COUNTY AND 3 SECTIONS OF SECONDARY ROADS.

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

RPN 015 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 2,824,142.94

DATE AVAILABLE AUG 03 2015

FINAL COMPLETION JUN 30 2016

	\$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION CHARLOTTE, NC	2,539,262.54	-10.1
RILEY PAVING INC CARTHAGE, NC	2,634,050.75	-6.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2015
DIVISION 00008

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C203705
8CR.10771.27, 8CR.20771.27, 8SP.20775.1
STATE FUNDED
RICHMOND
06/16/2015

PROPOSAL LENGTH 13.050 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-1, 1 SECTION OF US-74 BUS, 1 SECTION OF NC-177 & 4 SECTIONS OF
SECONDARY ROADS.

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

RPN 016 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 1,962,508.23

DATE AVAILABLE AUG 03 2015

FINAL COMPLETION JUN 30 2016

	\$ TOTALS	% DIFF
HUDSON PAVING, INC. ROCKINGHAM, NC	1,875,459.81	-4.4
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	1,964,409.49	+0.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2015
DIVISION 00009

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C203696
9CR.10801.160, 9CR.20801.160
STATE FUNDED
ROWAN
06/16/2015

PROPOSAL LENGTH 7.029 MILES
TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
LOCATION US-601 FROM BURGER KING ENTRANCE TO SR-1710 (HARRISON ROAD) AND 3 SECTIONS OF SECONDARY ROADS.

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

RPN 017 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 5.00%
ESTIMATE 1,654,015.94

DATE AVAILABLE JUL 27 2015

FINAL COMPLETION NOV 06 2015

	\$ TOTALS	% DIFF
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	1,688,035.00	+2.1
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	1,718,860.98	+3.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE, 2015
DIVISION 00009

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C203700
9CR.10851.160, 9CR.20851.160
STATE FUNDED
STOKES
06/16/2015

PROPOSAL LENGTH 15.267 MILES
TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
LOCATION NC-8 FROM NC-89 TO VIRGINIA STATE LINE & 2 SECTIONS OF SECONDARY ROADS.

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

RPN 018 4 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 6.00%
ESTIMATE 1,687,583.38

DATE AVAILABLE JUL 27 2015
FINAL COMPLETION NOV 06 2015

	\$ TOTALS	% DIFF
SHARPE BROTHERS A DIV OF VECCELLIO & GROGAN, INC. GREENSBORO, N	1,594,486.39	-5.5
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	1,673,718.16	-0.8
YADKIN VALLEY PAVING INC WINSTON SALEM, NC	1,836,819.71	+8.8
ADAMS CONSTRUCTION COMPANY ROANOKE, VA	2,284,999.82	+35.4

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

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C203590
34410.3.S29
STATE FUNDED
MECKLENBURG
R-2248G
06/16/2015

PROPOSAL LENGTH 0.380 MILES
TYPE OF WORK GRADING, DRAINAGE, AND PAVING.
LOCATION I-485 (CHARLOTTE OUTER LOOP) INTERCHANGE WITH SR-2042 (OAKDALE RD).

EST CONST PROGRESS.... FY-2016..84% OF BID
FY-2017..16% OF BID

RPN 019 3 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 5.00%
ESTIMATE 4,521,102.58

DATE AVAILABLE JUL 27 2015
INTER COMPLETION NOV 01 2016 COMPLETE ALL WORK EXCEPTING PLANTING/REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION APR 30 2017

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	4,779,893.00	+5.7
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	5,008,497.64	+10.8
SEALAND CONTRACTORS CORP CHARLOTTE, NC	5,314,126.51	+17.5

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

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C203588
40096.3.FD1
BRSTP-1006(32)
CABARRUS
B-4972
06/16/2015

PROPOSAL LENGTH 0.256 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING AND STRUCTURE.
LOCATION BRIDGE #227 OVER ROCKY RIVER ON SR-1006.

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

RPN 020 7 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 3,330,133.25

DATE AVAILABLE JUL 27 2015
INTER COMPLETION JUL 01 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION DEC 28 2016

	\$ TOTALS	% DIFF
LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC. PINEVILLE, NC	3,049,491.20	-8.4
DANE CONSTRUCTION, INC. MOORESVILLE, NC	3,095,628.25	-7.0
EASTERN STRUCTURES LLC MOCKSVILLE, NC	3,139,933.67	-5.7
DELLINGER, INC. MONROE, NC	3,145,827.90	-5.5
HRI INC DBA HRI BRIDGE COMPANY STATE COLLEGE, PA	3,299,698.55	-0.9
SMITH-ROWE, LLC MOUNT AIRY, NC	3,376,752.49	+1.4
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	3,523,970.00	+5.8

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

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C203704

10CR.10841.44, 10CR.10841.45, 10CR.10841.46, 10CR.20041.53, 10CR.20841.60, 10CR.20841.61, 10CR.20841.62,
10CR.20841.63, 10CR.20841.64, 10CR.20841.65, 10CR.20841.66

STATE FUNDED

STANLY, ANSON

06/16/2015

PROPOSAL LENGTH 22.830 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 3 SECTIONS OF US-52, AND 8 SECTIONS OF SECONDARY ROADS.

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

RPN 021 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%
ESTIMATE 3,640,172.12

DATE AVAILABLE JUL 27 2015

FINAL COMPLETION JUN 30 2016

	\$ TOTALS	% DIFF
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	3,821,439.21	+5.0
LYNCHES RIVER CONTRACTING, INC. PAGELAND, SC	3,974,063.66	+9.2

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

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C203707
10CR.20901.127, 10CR.20901.128
STATE FUNDED
UNION
06/16/2015

PROPOSAL LENGTH 11.100 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION SR-1005 FROM US-601S TO SR-1003 AND SR-1937 FROM SR-1003 TO 780' SOUTH OF SR-1947

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

RPN 022 2 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 2.00%
ESTIMATE 2,570,327.50

DATE AVAILABLE JUL 27 2015
FINAL COMPLETION JUN 20 2016

	\$ TOTALS	% DIFF
LYNCHES RIVER CONTRACTING, INC. PAGELAND, SC	2,676,549.90	+4.1
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	2,818,926.85	+9.7

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

C203648
 38068.3.R3
 STATE FUNDED
 CHEROKEE
 R-3622B
 06/16/2015

PROPOSAL LENGTH 2.195 MILES
 TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.
 LOCATION NC-294 FROM SR-1130 (SUNNY POINT RD) TO SR-1312 (BEAR PAW RD).

EST CONST PROGRESS.... FY-2016..60% OF BID
 FY-2017..38% OF BID
 FY-2018..02% OF BID

RPN 023 6 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 7.00%
 ESTIMATE 7,783,356.78

DATE AVAILABLE JUL 27 2015
 INTER COMPLETION AUG 01 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 FINAL COMPLETION JAN 29 2018

	\$ TOTALS	% DIFF
ADAMS CONTRACTING ROBBINSVILLE, NC	7,165,788.95	-7.9
WATSON CONTRACTING, INC. FRANKLIN, NC	7,246,102.45	-6.9
CHEROKEE ENTERPRISES, INC. CHEROKEE, NC	7,676,789.18	-1.4
GLF CONSTRUCTION CORPORATION MIAMI, FL	8,960,734.04	+15.1
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	9,324,397.83	+19.8
C. W. MATTHEWS CONTRACTING CO., INC MARIETTA, GA	9,488,942.10	+21.9

	ESTIMATE TOTAL	258,785,994.60
	LETTING TOTAL	247,741,483.96 -4.3

**NCDOT July 2015
Board of Transportation Agenda**

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

Professional Services Management

Preconstruction

Project Development and Environmental Analysis – Project Planning

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 5

Project:	35869.1.2 (U-2719) Wake County I-440 (Cliff Benson Beltline) US 1 from south of SR 1313 (Walnut Street) to north of SR 1728 (Wade Avenue)
Scope of Work:	Planning environmental and preliminary engineering services through the EA and the FONSI
Estimated Construction Cost:	\$86,200,000.00
Firm:	Atkins North America, Inc., Raleigh, NC
Original Engineering Fee:	\$1,750,000.00
Supplemental Fee:	\$ 530,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. \$79,500.00 15%
SPSF Utilization:	Sungate Design Group, PA \$31,800.00 6%

Roadway Design

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to prepare planning documents 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:	45833.1.1 (U-5605) Cumberland County SR 4202 (Odell Road) from the Fort Bragg Boundary to NC 24/NC 87 (Bragg Boulevard) in Spring Lake
Scope of Work:	Preliminary Roadway Design
Estimated Construction Cost:	\$3,850,000.00
Firm:	STV Incorporated, Charlotte, NC
Maximum Engineering Fee:	\$59,646.55
SPSF Utilization:	0%

July 9, 2015

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

DIVISION 3

Project: 34491.1.2 (R-2633B) Brunswick and New Hanover Counties
US 17 (Wilmington Bypass) from east of Malmo in Brunswick County to US 421 north of Wilmington in New Hanover County

Scope of Work: Roadway and Hydraulic design

Estimated Construction Cost: \$145,100,000.00

Firm: H.W. Lochner, Inc., Raleigh, NC

Original Engineering Fee: \$507,785.82

Previous Supplemental Fee: \$876,060.74

Supplemental Fee: \$ 30,675.42

Supplemental Work: Roadway and Hydraulic design to incorporate revisions to a service road, and the addition of two service roads

SPSF Utilization: 0%

DIVISION 5

Project: 42263.1.1 (B-5121) Wake County
46031.1.1 (B-5317) Wake County
Bridge No. 227 over Peace Street on US 70/US 401/NC 50 and Bridge No. 213 over US 401 on US 70/NC 50

Scope of Work: Roadway and Hydraulic Design, Erosion/Sediment Design and Traffic Control Plans

Estimated Construction Cost: \$25,300,000.00

Firm: Kimley-Horn and Associates, Raleigh, NC

Original Engineering Fee: \$513,030.07

Supplemental Fee: \$ 36,523.78

Supplemental Work: Roadway and Hydraulic design changes requested by the City and develop quantities for the Municipal Agreement.

SPSF Utilization: 0%

DIVISION 7

Project: 34820.1.2 (U-2524D) Guilford County
Greensboro Western Loop from US 220
(Battleground Avenue) to SR 2303 (Lawndale
Drive)
Scope of Work: Roadway Design
Estimated Construction Cost: \$58,300,000.00
Firm: Parsons Transportation Group, Inc., Raleigh,
NC
Original Engineering Fee: \$96,076.36
Supplemental Fee: \$57,286.78
Supplemental Work: Prepare Final Traffic Management Plans
SPSF Utilization: 0%

DIVISION 11

Project: 34518.1.2 (R-2915A) Watauga and Ashe
Counties
US 221 from US 421 in Watauga County to SR
1003 (Idlewild Road) in Ashe County
Scope of Work: Roadway and Hydraulic Design and Traffic
Management Plan
Estimated Construction Cost: \$26,300,00.00
Firm: Vaughn & Melton Consulting Engineers,
Asheville, NC
Original Engineering Fee: \$401,184.45
Previous Supplemental Fee: \$ 34,196.00
Supplemental Fee: \$ 21,740.03
Supplemental Work: Roadway and Hydraulic Design changes to
include detours on TMP and Revisions to SR2-
as requested by the Division
SPSF Utilization: 0%

Field Support

Utilities

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

STATEWIDE

Description of Work: Utility Design Services
Firm: AECOM Technical Services of North Carolina,
Inc., Raleigh, NC
Original Engineering Fee: \$300,000.00
Supplemental Fee: \$200,000.00
SPSF Utilization: 0%

July 9, 2015

Description of Work:	Utility Design Services
Firm:	Davis-Martin-Powell & Associates, Inc., High Point, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	100%
Description of Work:	Utility Design Services
Firm:	Hinde Engineering, Inc., Charlotte, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	100%
Description of Work:	Utility Design Services
Firm:	Kimley-Horn and Associates, Inc., Raleigh, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	0%
Description of Work:	Utility Design Services
Firm:	MA Engineering Consultants, Inc., Cary, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$200,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	Utility Design Services
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	0%
Description of Work:	Utility Design Services
Firm:	Thompson Gordon Shook Engineers, Inc., Shelby, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	100%
Description of Work:	Utility Design Services
Firm:	L.E. Wooten & Company, Raleigh, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	0%

Turnpike Authority

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:	On-Call Services for the North Carolina Turnpike Authority
Firm:	HNTB North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$ 4,000,000.00
Previous Supplemental Fee:	\$14,608,000.00
Supplemental Fee:	\$ 2,000,000.00 and one (1) year time extension
SPSF Utilization:	0%

Technical Services

Transportation Program Management

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 10

Project:	I-3311C, I-5405, I-4750AA Mecklenburg & Iredell Counties I-77 from I-277 in Charlotte to Exit 36 at Mooresville
Scope of Work:	Study for the I-77 HOV to HOT conversion
Firm:	KPMG Corporate Finance, LLC, Austin, Texas
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$2,750,000.00
Supplemental Fee:	\$ 700,000.00
Supplemental Work:	Financial close activities: Additional financial and legal work related to the LGC process and outcomes of TIFIA negotiations; Amendments to the Comprehensive Agreement based on updated financial structure, as appropriate. Assistance with initial compliance monitoring of comprehensive agreement and plan of finance; Additional Stakeholder meetings, Contract Administration and Project Management.
SPSF Utilization:	0%

July 9, 2015

Location & Surveys

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 location surveys on an as needed basis for various federal-aid and state funded projects to support the Location and Surveys Unit. These contracts will expire January 15, 2017 or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	Location and Surveys Limited Services
Firm:	AMEC Foster Wheeler, Inc., Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	Location and Surveys Limited Services
Firm:	Mattern & Craig, Asheville, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	Location and Surveys Limited Services
Firm:	Stantec, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	Location and Surveys Limited Services
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	Location and Surveys Limited Services
Firm:	Taylor, Wiseman & Taylor, Charlotte, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%

Description of Work:	Location and Surveys Limited Services
Firm:	Wetherill Engineering, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%

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

STATEWIDE

Description of Work: Location and Surveys Limited Services
Firm: Dewberry Engineers, Inc., Charlotte, NC
Original Engineering Fee: \$ 500,000.00
Supplemental Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: Location and Surveys Limited Services
Firm: ESP Associates, P A, Raleigh, NC
Original Engineering Fee: \$6,000,000.00
Supplemental Fee: \$3,000,000.00
SPSF Utilization: 0%

Description of Work: Location and Surveys Limited Services
Firm: GEL Engineering of NC, Inc., Research Triangle Park, NC
Original Engineering Fee: \$1,500,000.00
Supplemental Fee: \$1,500,000.00
SPSF Utilization: 0%

Description of Work: Location and Surveys Limited Services
Firm: McKim & Creed, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Supplemental Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: Location and Surveys Limited Services
Firm: Mulkey, Inc., Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Supplemental Fee: \$1,000,000.00
SPSF Utilization: 100%

Chief Engineer

Operations

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Divisions 10-14 On-Call Planning and Design Services on an as needed basis for various federal-aid and state funded projects to support Divisions 10 through 14. These contracts will expire two (2) years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

DIVISION 10 - 14

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: DRMP, Inc., Charlotte, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: The Catena Group \$90,000.00
3%
DBE/WBE/SPSF Utilization: Chipley Consulting, LLC \$60,000.00
2%

July 9, 2015

SPSF Utilization:	Donal Simpson, FAIA, AICP \$60,000.00 2%
SPSF Utilization:	Environmental Services, Inc. \$90,000.00 3%
SPSF Utilization:	Hinde Engineering, Inc. \$150,000.00 5%
SPSF Utilization:	Sungate Design Group, PA \$300,000.00 10%
Description of Work:	Divisions 10-14 Planning and Design Limited Services
Firm:	HDR, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Mattern & Craig, Inc. \$150,000.00 5%
SPSF Utilization:	Hinde Engineering, Inc. \$150,000.00 5%
SPSF Utilization:	Patriot Transportation Engineering, PLLC \$150,000.00 5%
SPSF Utilization:	Ramey Kemp & Associates, Inc. \$150,000.00 5%
Description of Work:	Divisions 10-14 Planning and Design Limited Services
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Coastal Carolina Research, Inc. \$30,000.00 1%
SPSF Utilization:	The Catena Group, Inc. \$90,000.00 3%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$150,000.00 5%
SPSF Utilization:	Carolina Land Acquisitions, Inc. \$30,000.00 1%
Description of Work:	Divisions 10-14 Planning and Design Limited Services
Firm:	KCI Associates of North Carolina, PA, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC \$900,000.00 30%
SPSF Utilization:	Falcon Engineering, Inc. \$150,000.00 5%
SPSF Utilization:	Sungate Design Group, PA \$150,000.00 5%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: Kimley Horn & Associates, Inc. Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: CH Engineering, PLLC \$600,000.00
20%
SPSF Utilization: North State Acquisitions, LLC \$90,000.00
3%
DBE/WBE/SPSF Utilization: New South Associates, Inc. \$60,000.00
2%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: MA Engineering Consultants, Inc., Cary, NC
Maximum Engineering Fee: \$3,000,000.00
DBE/MBE/SPSF Utilization: 100%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: Mattern & Craig, Inc., Asheville, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: 100%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: Moffatt & Nichol, Inc., Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc. \$300,000.00
10%
SPSF Utilization: Coastal Carolina Research, Inc. \$240,000.00
8%
SPSF Utilization: Davis-Martin-Powell \$240,000.00
8%
SPSF Utilization: Falcon Engineering, Inc. \$240,000.00
8%
SPSF Utilization: North State Acquisitions, LLC \$240,000.00
8%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: Mulkey, Inc., Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: 100%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: Carolina Ecosystems, Inc. \$90,000.00
3%
SPSF Utilization: Progressive Design Group, Inc. \$90,000.00
3%
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$90,000.00
3%
SPSF Utilization: Coastal Carolina Research, Inc. \$90,000.00
3%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: Rummel, Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: Falcon Engineering, Inc. \$150,000.00
5%
SPSF Utilization: Ramey Kemp & Associates, Inc. \$30,000.00
1%
DBE/WBE/SPSF Utilization: New South Associates, Inc. \$30,000.00
1%
DBE/MBE/SPSF Utilization: MM/I and Associates, LLC \$30,000.00
1%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: Stantec Consulting Services, Inc., Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: Patriot Transportation Engineering, PLLC
\$120,000.00
4%
SPSF Utilization: Falcon Engineering, Inc. \$120,000.00
4%
DBE/WBE/SPSF Utilization: Anne Morris and Associates, LLC \$30,000.00
1%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: Stewart Engineering, Inc. Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: 100%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: Chipley Consulting, LLC \$150,000.00
5%
DBE/WBE/SPSF Utilization: Ecological Engineering, LLP \$150,000.00
5%
DBE/WBE/SPSF Utilization: New South Associates, Inc. \$150,000.00
5%
SPSF Utilization: Progressive Design Group, Inc. \$150,000.00
5%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: Thompson Gordon Shook Engineers, Inc.
Shelby, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: 100%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: Vaughn & Melton Consulting Engineers,
Asheville, NC
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc. \$240,000.00
8%
SPSF Utilization: Mattern & Craig, Inc. \$60,000.00
2%
SPSF Utilization: Environmental Corporation of North Carolina,
Inc. \$60,000.00
2%
DBE/WBE/SPSF Utilization: Sepi Engineering and Construction, Inc.
\$60,000.00
2%

Description of Work: Divisions 10-14 Planning and Design Limited Services
Firm: Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work:	Divisions 10-14 Planning and Design Limited Services
Firm:	WSP USA CORP, Cary, NC
Maximum Engineering Fee:	\$3,000,000.00
	Coastal Carolina Research, Inc. \$150,000.00
	5%
DBE/WBE/SPSF Utilization:	Chiplely Consulting, LLC \$150,000.00
	5%
SPSF Utilization:	Falcon Engineering, Inc. \$150,000.00
	5%
DBE/WBE/SPSF Utilization:	Morton & Morton Design Services, PLLC
	\$90,000.00
	3%

Transit

Aviation

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to perform services for Unmanned Aircraft System (UAS) Program Management 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.

STATEWIDE

Project:	36246.90
	UAS Program Manager
	Sole Source contract with Gibson Sales Solutions, LLC to support current UAS integration as mandated by NC Legislature
Scope of Work:	Unmanned Aircraft System (UAS) Program Management -- The purpose of this project is to support the development, implementation, and management of Unmanned Aircraft Systems (UAS) related programs in the State of North Carolina as required of the Division of Aviation by North Carolina General Statutes.
Firm:	Gibson Sales Solutions, LLC, Waxhaw, NC
Maximum Engineering Fee:	\$151,450.60
DBE Utilization:	0%

Information Technology

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

STATEWIDE

Project:	Transportation Legislative Initiatives Project
Scope of Work:	GIS support for the transportation initiatives including creating, displaying, managing, and analyzing spatial information.
Firm:	Arcadis G&M of North Carolina, Inc., Raleigh, NC
Original Engineering Fee:	\$250,000.00
Previous Supplemental Fee:	\$920,000.00
Supplemental Fee:	\$170,000.00 and 7-month time extension
Supplemental Work:	GIS support for the transportation initiatives including creating, displaying, managing, and analyzing spatial information.
SPSF Utilization:	0%

NCDOT July 2015 Board of Transportation Agenda

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

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No.	Description	Amount
Halifax Div. 4	SR 1321 Tutelo Trail	GDB&P. Increase Funds. WBS 4C.042069	\$241,634.65
Durham Div. 5	SR 1967 Smallwood Road	GDB&P. Increase Funds. WBS 5C.032067	\$15,818.33
Person Div. 5	SR 1569 John Moore Road	GDB&P. Increase Funds. WBS 5C.073064	\$26,500.00
Person Div. 5	SR 1437 Quail Roost Drive	GDB&P. Increase Funds. WBS 5C.073065	\$37,059.20
Vance Div. 5	SR 1352 Kimball Road	GDB&P. Increase Funds. WBS 5C.091040	\$227,000.00
Vance Div. 5	SR 1506 Currin Road	GDB&P. Increase Funds. WBS 5C.091025	\$33,000.00
Warren Div. 5	Various	Patching, Leveling & Resurfacing. Increase Funds. WBS 5C.093067	\$80,000.00
Caswell Div. 7	SR 1550 Jeffreys Road	GDB&P. Increase Funds. WBS 7C.017097	\$200,000.00
Caswell Div. 7	SR 1309 Thompson Road	GDB&P. Increase Funds. WBS 7C.017099	\$100,000.00
Caswell Div. 7	SR 1329 Wilson Road	GDB&P. Increase Funds. WBS 7C.017100	\$100,000.00
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	\$279,235.51
Randolph Div. 8	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 8C.076021	\$376,282.28

NCDOT July 2015 Board of Transportation Agenda

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

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No.	Description	Amount
Anson Div. 10	Various	System Preservation. Increase Funds. WBS 10SP.20045.1	\$55,228.08
Anson Div. 10	Various	System Preservation. Increase Funds. WBS 10SP.20045.2	\$122,644.16
Anson Div. 10	Various	System Preservation. Increase Funds. WBS 10SP.20045.4	\$98,159.14
Avery Div. 11	SR 1515 Pilot Road	GDB&P. Increase Funds. WBS 11C.006010	\$500,000.00
Caldwell Div. 11	SR 1152 Tara Place	GDB&P. Increase Funds. WBS 11C.014090	\$75,000.00
Buncombe Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, Etc. Increase Funds. WBS 13C.011024	\$50,000.00
Cherokee Div. 14	SR 1688 Nottley River Road	GDB&P. Increase Funds. WBS 14C.020107	\$280,000.00

Closings

Division	County	WBS Element	Road Number / Name	Amount
Div. 4	Halifax	4C.042064	GDB&P. SR 1114, Piney Wood Road. Increase and Close.	\$65,143.87
Div. 5	Person	5C.073015	Countywide Surveys and Right of Way Signatures. Increase and Close.	\$2,004.10
Div. 5	Granville	5C.039011	Countywide Surveys and Right of Way Signatures. Increase and Close.	\$6,767.81
Div. 5	Vance	5C.091042	Patching and Overlays. Increase and Close.	\$5,304.41

July 9, 2015

NCDOT July 2015 Board of Transportation Agenda				
According to G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for secondary road improvement projects.				
Secondary Road Improvement Projects (Highway and Trust Funds)				
Closings				
Division	County	WBS Element	Road Number / Name	Amount
Div. 5	Warren	5C.093007	Countywide Surveys and Right of Way Signatures. Increase and Close.	\$3,645.05
Div. 5	Wake	40181	Intersection Improvements. SR 2542, Rock Quarry Road. Increase and Close.	\$518,938.13
Div. 5	Wake	5C.092111	GDB&P. SR 1103A, Fleming Road. Increase and Close.	\$95,597.63
Div. 5	Wake	5C.092119	GDB&P. SR 1726, Petty Farm Road. Increase and Close.	\$79,133.86
Div. 5	Wake	5C.092125	GDB&P. SR 2220, Needham Road. Increase and Close.	\$148,266.25
Div. 8	Montgomery	8C.062074	GDB&P. SR 1217, Lanes Chapel Road. Increase and Close.	\$16,333.38
Div. 8	Montgomery	8C.062075	GDB&P. SR 1225, Mt. Olive Church Road. Increase and Close.	\$30,083.98
Div. 10	Stanly	10C.084016	Countywide Surveys and Right of Way Signatures. Increase and Close.	\$5,822.54
Div. 11	Ashe	11C.005129	GDB&P. SR 1603, Cranberry Creek Road. Increase and Close.	\$483,960.65
Div. 13	Buncombe	13C.011025	Countywide Surveys and Right of Way Signatures. Increase and Close.	\$2,413.63

NCDOT July 2015 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 3				
Brunswick	50817	0.80	Rob Gandy Boulevard	6/9/15
New Hanover	50818		Lantana Crossing Subdivision	4/21/15
		0.29	Albemarle Road	
		0.04	Sturbridge Drive	
Division 4				
Nash	50819		Cottonwood Subdivision	2/24/15
		0.32	Ash Lily Court	
Nash	50820		Maranatha Subdivision	3/4/15
		0.34	Maranatha Drive	
Division 5				
Wake	50821		Blackstone Meadows Subdivision	5/5/15
		0.14	Domaine Drive	
		0.20	Careme Court	
		0.11	Vidal Court	
Division 6				
Cumberland	50822		Village at Rockfish Subdivision	5/28/15
		0.19	Summer Cove Drive	
		0.09	Dunkirk Court	
		0.06	Harrington Road	
Cumberland	50823		Saddleridge Subdivision	5/19/15
		0.30	Walesby Drive	
		0.91	Thackeray Drive	
		0.37	Wallbrook Drive	
		0.03	Hagley Court	
		0.03	Thymus Court	
		0.23	Totley Drive	
		0.32	Burton Drive	
		0.22	Tettenbury Drive	
Harnett	50824		Meredith's Station Subdivision	2/17/15
		0.21	Meredith Lane	
Harnett	50825		Olde Farm Subdivision	3/13/15
		0.38	River Oak Street	

July 9, 2015

NCDOT July 2015 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 6				
Harnett	50826		Persimmon Hill Subdivision	6/8/15
		0.10	Wellstone Drive	
		0.29	Fair Barn Road	
		0.05	Applecross Court	
		0.24	Old Corral Avenue	
		0.61	Old Field Loop	
		0.16	Trail Rider Lane	
Division 7				
Alamance	50827		The Villas at Southwick Subdivision	3/20/15
		0.30	Southwick Drive	
Alamance	50828		Roger's Nest Subdivision	4/1/15
		0.48	Ravenwood Drive	
		0.12	Nester's Court	
		0.11	Mockingbird Trail	
		0.24	Rock Castle Court	
		0.07	Creekwood Drive	
Alamance	50829		Beaver Hill Estates Subdivision	4/10/15
		0.08	Black Bear Cove	
		0.09	Red Wolf Way	
Guilford	50830		Beaver Hill Estates Subdivision	4/10/15
		0.34	Raccoon Run Drive, SR 1222 Ext.	
		0.11	Black Bear Cove	
		0.03	Red Wolf Way	
Orange	50831		Eno Ridge Subdivision	1/13/15
		0.36	New Salou Drive	
		0.05	Trumpet Court	
		0.05	Vine Court	
		0.08	Bee Balm Court	
		0.04	Onslow Court	
		0.09	High Ridge Drive, SR 1451 Ext.	
		0.17	Climbing Aster Court	
Orange	50832		Ashwick Subdivision	1/20/15
		0.32	Ashwick Drive	
		0.11	Glenwick Lane	
		0.07	Norwich Court	
		0.04	Farnswick Place	
		0.09	Chadwick Lane	
		0.12	Benwich Lane	

July 9, 2015

NCDOT July 2015 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 7 Rockingham	50833	0.26	Bridle Wood Estates Subdivision Hash Lane	4/16/15
Division 9 Forsyth	50834	0.33	Crossing Creek Subdivision Crossing Creek Drive	4/15/15

Road Abandonments:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 2 Beaufort	50835	1.04	Portion of SR 1942 Creekmur Road	3/6/15
Beaufort	50836	1.37	Portion of SR 1946 Louden Road	3/6/15
Beaufort	50837	0.89	SR 1958 Gray Road	3/6/15
Division 4 Nash	50838	0.21	SR 1530 N. Browntown Road	3/30/15
Division 5 Wake	50839	0.73	SR 2317 Greenhill Road	6/16/15
Wake	50840	0.583	Portion of SR 1649 Ebenezer Church Road including Bridges # 44 & 45 Ref: TIP Project B-3259	9/16/03
Division 11 Surry	50841	0.23	SR 1113 Gilliam Road	4/15/15
Yadkin	50842	0.04	SR 1449	5/30/06

July 9, 2015

NCDOT July 2015 Board of Transportation Agenda

Road Name Change:

Division 1-Hertford County Commissioners request renaming SR 1176 from Mt. Tabor Church Road to Tall Cotton Road.

Mileage Correction:

Division 3-New Hanover County - SR 1100, River Road is shown as 1.51 miles. The correct mileage should be 1.37 miles.

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

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

County	Description	Type	Amount
Div 3 Sampson	Town of Garland – Place ABC stone and pave driveway access & in front of bays for the new Garland Fire Dept on NC-411 WBS 44501	Public Access <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00
Div 6 Columbus	Pave in front of 2-bay expansion of Acme-Delco-Riegelwood Fire & Rescue satellite station WBS 46412	Public Access <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00

Summary:	Number of Projects	2
	Number of Divisions	2
	Small Construction Commitment	\$0.00
	Public Access Commitment	\$50,000.00
	Contingency Commitment	\$0.00
	Economic Development	\$0.00
	TOTAL	\$50,000.00

**NCDOT July 2015 Board of Transportation Agenda
Public Transportation Program**

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

See Below for the -

STIP Approval ITEM I – 1A

ADDITIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TQ-9037	GORALEIGH (Capital Area Transit)	5310 Capital	FEPD	5310	358	358	358	358			
			Local	L	89	89	89	89			
TQ-6953	GORALEIGH (Capital Area Transit)	5310 Operating	FEPD	5310	293	293	293	293			
			Local	L	293	293	293	293			
TQ-7006	GORALEIGH (Capital Area Transit)	5310 Administration	FEPD	5310	50	50	50	50			
TG-5231	Craven Area Rural Transit System	Associated Capital Maintenance Items including equipment, tires, tubes, parts, etc.	FUZ	5307		10					
			Local	L		3					
TT-5206	Craven Area Rural Transit System	Lease of tablets	FUZ	5307		10					
			Local	L		2					

MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TO-5127	Tar River Transit	Operating Assistance	FUZ	5307	500	500	500	500	500	500	500
			SMAP	L	250	250	250	250	250	250	250
			Local	L	250	250	250	250	250	250	250
TG-4785A	Tar River Transit	Operating Assistance ADA	FUZ	5307	100	100	100	100	100	100	100
			Local	L	20	20	20	20	20	20	20
TG-4785B	Tar River Transit	Preventive Maintenance	FUZ	5307	500	500	500	500	500	500	500
			Local	L	100	100	100	100	100	100	100
TA-4762	Goldsboro Wayne Transportation Authority	2 Replacement Buses	FUZ	5307	200						
			Local	L	50						
TO-4719	Goldsboro Wayne Transportation Authority	Operating Assistance	FUZ	5307	323						
			Local	L	323						

TG-4752B	Goldsboro Wayne Transportation Authority	Preventive Maintanance and ADA	FUZ	5307	287						
			Local	L	72						

ADMINISTRATIVE MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TQ-6782	Winston-Salem Urban Area MPO	Enhanced Mobilitly of Seniors and Individuals with Disabilities (Section 5310)	FEPD	5310	336						
			Local	L	84						

Item I-1A SUMMARY - 12 Projects - Total Federal/State funds \$13,420,000

NCDOT July 2015 Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
Division 9 Stokes County	The Rail Division requests that a portion of Board-approved Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from the Pine Street crossing in Greensboro (Crossing # 722 957L, milepost H 2.51) be used to supplement the mitigation of the closure of the at-grade crossing on Brickyard Road (SR1911) in Pine Hall (Crossing # 470 171W, milepost R 103.7). The original approved funds amounted to \$1,100,000. The Department shall be responsible for the design and construction of the project. The TIP number for this project is Y-4809E.	\$80,000
Division 10 Cabarrus County	The Rail Division requests Board approval for Freight Rail & Rail Crossing Safety Improvement funds (FRRCSI) for the Rogers Lake Road (SR 1625) grade separation project. This project will provide for the necessary right-of-way plan preparation for construction between Lowrance Avenue and Meadow Avenue in Kannapolis. This project will eliminate the Rogers Lake Road at-grade crossing. The total cost for the Rail Division is estimated to be \$250,000. The TIP number for the project is Y-4810K.	\$250,000
Division 12 Gaston County	The Rail Division requests Board approval for the reallocation of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds not used for improvements to the Brick Kiln Road crossing (Crossing # 466 097M (SR 1635, milepost NB 15.89) for the closure of the at-grade crossing (Crossing # 631 817G, milepost SF 342.21) in Mount Holly. The Department shall be responsible for the design and construction of the project while CSX Transportation, Inc. (CSXT) shall be solely responsible for construction within their operating right-of-way. CSXT shall provide a lump sum payment of \$4,000 to the Department for work performed by the Department and associated with installation of barricades, signage, grading and landscaping. The total cost for the Rail Division is estimated to be \$25,000. The TIP number for the project is Y-4812W.	\$25,000

ITEM I-2 SUMMARY – 3 PROJECTS – (TOTAL STATE) \$355,000

NCDOT July 2015 Board of Transportation Agenda

Bike & Pedestrian Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the July 9, 2015 Board of Transportation meeting.

ITEM I-3 SUMMARY – NO PROJECTS

NCDOT July 2015 Board of Transportation Agenda

Aviation Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the July 9, 2015 Board of Transportation meeting.

ITEM I-4 SUMMARY – NO PROJECTS

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 R-4463AA REGIONAL	WBS 35601.1.3 NC 43 connector from South of US 70 to US 70. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. WBS will be closed. This is a Strategic Transportation Investments Transition project.	\$11,307.00
Concord/ Cabarrus Co. Div. 10 U-5211 DIVISION	WBS 47000.2.1 Turn lanes at the intersection of SR 1394 (Popular Tent Road) and SR 1448 (Cox Mill Road). \$150,834.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. WBS will be closed. This is a Strategic Transportation Investments Transition project.	\$16,260.46
Union Co. Div. 10 U-5325B	WBS 47081.2.3 Construct roundabout at the intersection of NC 84 and SR 1344 (Matthews-Weddington Road). \$118,362.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. WBS will be closed. This is a Strategic Transportation Investments Transition project.	\$12,350.68
Haywood Co. Div. 14 R-5518 DIVISION	WBS 43352.3.1 SR 1260 (Wildcat Run Drive/ Dogwood Drive) from SR 1263 (Timberline Drive) to SR 1260 (Wildcat Run Drive). \$4,356,000.00 has previously been approved for construction. Funds need to be decreased (\$198,578.72). WBS will be closed. This is a Strategic Transportation Investments Transition project.	-\$198,578.72
Henderson Co. Div. 14 R-5207B DIVISION	WBS 45393.3.3 SR 1006 (Howard Gap Road) from bridge 20 (B-3662) to SR 1539 (Jackson Road). \$9,320,352.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$401,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Henderson Co. Div. 14 R-5524 DIVISION	WBS 45817.1.1 SR 2277 / SR 3526 (Old Fanning Bridge Road). Construct improvements to Old Fanning Bridge Road and construct new access road into Ferncliff Industrial Park. \$60,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. WBS will be closed. This is a Strategic Transportation Investments Transition project.	\$12,763.52
Henderson Co. Div. 14 R-5524D DIVISION	WBS 45817.1.5 Construct new access road into Ferncliff Industrial Park. \$20,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. WBS will be closed. This is a Strategic Transportation Investments Transition project.	\$2,424.91
Jackson Co. Div. 14 R-5206 DIVISION	WBS 42974.1.1 SR 1449 (Cope Creek Rd.) from SR 1710 to US 23/74. \$416,825.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$50,000.00
Statewide M-0451 STATEWIDE	WBS 43534.1.1 Statewide Landscape Plans for STIP Construction projects. \$412,000.00 has previously been approved for preliminary engineering. \$100,000.00 is requested for annual funding for SFY 2016.	\$100,000.00
ITEM J SUMMARY	9 PROJECTS	\$407,527.85

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

July 9, 2015

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Dare Co. Div. 1 B-2500 REGIONAL	WBS 32635.1.7 Replace Bridge No. 11 over the Oregon Inlet on NC 12. Initial funds are requested for preliminary engineering for legal fees. This is a Strategic Transportation Investments Transition project.	\$300,000.00
Pitt Co. Div. 2 R-5702 REGIONAL	WBS 46374.1.1 NC 11 at SR 1110 (Hanrahan Road). Upgrade intersection. Initial funds are requested for preliminary engineering.	\$125,000.00
Robeson Co. Div. 6 R-5754 DIVISION	WBS 46414.1.1 NC 20 from NC 71 to I-95; Intersection improvements. Initial funds are requested for preliminary engineering.	\$300,000.00
Alamance Co. Div. 7 U-5538B DIVISION	WBS 44113.3.2 Access road from SR 1981 (Trollingwood - Hawfields Road) to industrial site. Initial funds are requested for construction. This is an economic development project.	\$400,000.00
Mecklenburg Co. Div. 10 P-5705A DIVISION	WBS 44475.1.1 Charlotte Gateway Station - Wye Connection Track at Charlotte Junction. Initial funds are requested for preliminary engineering.	\$600,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 P-5705B DIVISION	WBS 44475.1.2 Charlotte Gateway Station. Initial funds are requested for preliminary engineering.	\$400,000.00
Mecklenburg Co. Div. 10 R-2632AC REGIONAL	WBS 38824.3.3 NC 73 at NC 115, convert right turn lane on NC 115 southbound to a through lane and widen for merging taper. Initial funds are requested for construction. This is a Strategic Transportation Investments Transition project.	\$190,000.00
Alleghany Co. Div. 11 R-4060 REGIONAL	WBS 34605.2.1 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. Initial funds are requested for appraisal of Specific Parcel 900.	\$25,000.00
Jackson Co. Div. 14 R-5206 DIVISION	WBS 42974.3.3 SR 1449 (Cope Creek Rd.) from SR 1710 to US 23/74. Initial funds are requested for construction. This is a Strategic Transportation Investments Transition project.	\$2,210,000.00
Transylvania Co. Div. 14 R-5605 DIVISION	WBS 43587.1.1 Davidson River Village Connector, from US 64 to US 276/US 64 in Pisgah Forest. Initial funds are requested for preliminary engineering.	\$5,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Transylvania Co. Div. 14 R-5605 DIVISION	WBS 43587.2.2 Davidson River Village Connector, from US 64 to US 276/US 64 in Pisgah Forest. Initial funds are needed for utilities.	\$100,000.00
Transylvania Co. Div. 14 R-5605 DIVISION	WBS 43587.2.1 Davidson River Village Connector, from US 64 to US 276/US 64 in Pisgah Forest. Initial funds are requested for full right of way.	\$100,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECT	\$1,000,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	4 PROJECTS	\$640,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	6 PROJECTS	\$3,115,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	12 PROJECTS	\$4,755,000.00

July 9, 2015

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rutherford Co. Div. 13 R-2233AA STATEWIDE	WBS 34400.3.1 US 221 from South Carolina State line to south of Floyd's Creek. \$40,255,237.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$500,000.00
TRUST FUND INTRASTATE SUMMARY	1 PROJECT	\$500,000.00

**NCDOT July 2015 Board of Transportation Agenda
Approval of State Highway Trust Funds - Urban Loops
(For projects previously identified as Urban Loop projects)**

K-5

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston- Salem/ Forsyth Co. Div. 9 U-2579C STATEWIDE	WBS 34839.2.6 Winston-Salem Northern Beltway Eastern Section (Future I-74) from US 158 to US 311. \$2,972,669.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are requested for appraisal of Specific Parcel 900.	\$25,000.00
TRUST FUND URBAN LOOP	1 PROJECT	\$25,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	12 PROJECTS	\$4,755,000.00
TRUST FUND INTRASTATE SUMMARY	1 PROJECT	\$500,000.00
TRUST FUND URBAN LOOP	1 PROJECT	\$25,000.00
SUMMARY OF FUNDS	14 PROJECTS	\$5,280,000.00

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

July 9, 2015

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

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Concord/ Cabarrus Co. Div. 10 SS-4910BS	WBS 44197.3.1 SR 2635 (Old Airport Road) from Milepost 0.33 (Setter Road) to Milepost 0.71 (bridge number 129). \$56,000.00 in construction funds has previously been approved for superelevation improvements and guardrail installation. Additional funds are needed due to an increase in construction costs. File 10-13-246-1	\$14,000.00
Mecklenburg Co. Div. 10 SS-4910AO	WBS 43310.3.1 I-85 NB Ramp at WB SR 2472 (Mallard Creek Church Road) near Charlotte. \$314,000.00 in construction funds has previously been approved for turn lane construction and traffic signal installation. Additional funds are needed due to an increase in construction costs. File 10-09-211-2	\$10,888.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910BX	WBS 43951.3.1 SR 3624 (Rea Road) and Piper Glen in Charlotte. Initial construction funds are needed for traffic signal installation. File 10-15-224R	\$85,000.00
Cleveland Co. Div. 12 SS-4912BI	WBS 44334.3.1 NC 226 (Polkville Road) between Gragg Drive and Lester Lane. \$80,000.00 in construction funds has previously been approved for installation of high friction treatment on roadway surface. Additional funds are needed due to an increase in construction costs. File 12-14-207-1	\$120,000.00
ITEM L SUMMARY	4 PROJECTS	\$229,888.00

July 9, 2015

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

Division 1

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Dare Co. B-2500 REGIONAL	32635.2.5, BRNHP-0012(61) Replace Bridge #11 over the Oregon Inlet on NC 12. Funds are needed for utilities for Specific Parcel 001. This is a StrategicTransportation Investments Transition project.	\$950,000.00 Cost \$760,000.00 Fed. \$190,000.00 State

Safety

Camden Co. W-5601BL REGIONAL	50138.1.65, HSIP-0017(151) US 17 at US 17 Business (Main Street). Funds are needed for preliminary engineering.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Beaufort Co. K-3800A STATEWIDE	38748.3.2, NHPP-0017(146) US 17 Beaufort County Rest Area. Funds are needed for construction for the demolition of the old Rest Area after the new one is constructed. This is a Strategic Transportation Investments Transition project.	\$82,614.00 Cost \$66,091.00 Fed. \$16,523.00 State
Craven Co. R-5516 STATEWIDE	45492.2.1, NHS-0070(154) US 70 at Slocum Road at the Cherry Point Military Base. Funds are needed for full right of way and utilities. This is a Strategic Transportation Investments Transition project.	\$5,322,000.00 Cost \$4,257,600.00 Fed. \$1,064,400.00 State

Surface Transportation

Pitt Co. U-5870 DIVISION	54046.1.1, STP-1708(12) SR 1708 (Firetower Road) from SR 1704 (14th Street) to NC 33. Funds are needed for preliminary engineering.	\$450,000.00 Cost \$360,000.00 Fed. \$90,000.00 State
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Bridge

Craven Co. BP-5500FF STATEWIDE	50070.3.31, BRSTP-0070(191) Bridge Preservation - Craven County Bridges #83 and #84 on US 70 and on Craven County Bridge #231 on US 17. Funds are needed for construction. This is a Strategic Transportation Investments Transition project.	\$4,140,000.00 Cost \$3,312,000.00 Fed. \$828,000.00 State
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Carteret Co. W-5601BG STATEWIDE	50138.1.60, HSIP-0070(190) US 70 at SR 1127 (Masontown Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Craven Co. W-5601BE DIVISION	50138.1.58, HSIP-1004(60) SR 1167 (Kelso/Williams Road) west of SR 1175 (Aviation Drive) toward SR 1004 (Madame Moore Lane). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Lenoir Co. W-5202K REGIONAL	45332.3.11, HSIP-0011(30) NC 11 from SR 1747 (Highland Avenue)/SR 1845 (Harrison Boulevard), 0.3 miles north of SR 1719 (Odham Road) in Kinston. Funds are needed for construction to construct left turn lanes.	\$485,000.00 Cost \$436,500.00 Fed. \$48,500.00 State
Pitt Co. W-5601BF REGIONAL	50138.1.59, HSIP-264A(1) SR 1707 (Charles Boulevard) at SR 1703 (14th Street); US 264A/NC 43 (Greenville Boulevard) at Red Banks Road, US 264A/NC 43 (Greenville Boulevard) at Greenville Mall; and US 264A (Greenville Boulevard) at Elm Street. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

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

Division 2 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. W-5601N DIVISION	50138.3.FD15, HSIP-1774(2) SR 1774 (Mills Road) at SR 2241 (Ivy Road). Funds are needed for construction for a roundabout.	\$648,579.00 Cost \$583,721.00 Fed. \$64,858.00 State

Bicycle and Pedestrian

Kinston / Lenoir Co. EB-3314D DIVISION	33935.2.FD4, STPEB-0224(018) MST trail connection. Funds are needed for construction for a greenway. This is a Strategic Transportation Investment Transition project.	\$520,858.00 Cost \$416,686.00 Fed. \$104,172.00 State
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wilmington/ Brunswick Co. U-4738 REGIONAL	40114.1.2, STPNHF-0017(150) Cape Fear crossing from US 17 to US 421 Independence Boulevard-Carolina Beach Road Intersection. Funds are needed for preliminary engineering using Wilmington Metropolitan Planning Organization STPDA funds.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Wilmington/ New Hanover Co. U-4434 DIVISION	37764.1.1, STPDA-1209(5) Independence Boulevard extension from Randall Parkway to Martin Luther King Jr. Parkway. \$4,075,531.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
Wilmington / New Hanover Co. U-5534G DIVISION	44096.1.F8, STPDA-0332(48) Hooker Road multi-use path Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Avenue intersection. \$35,200.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 Local

Safety

New Hanover Co. W-5601BB STATEWIDE	50138.1.55, HSIP-0117(34) US 117/NC 132 (College Road) at SR 1272 (New Centre Drive). Funds are needed for preliminary engineering.	\$32,000.00 Cost \$28,800.00 Fed. \$3,200.00 State
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Johnston Co. EL-5100OB DIVISION	41821.3.33, STPDA-0406(5) Clayton Community Center Pedestrian Connector from the intersection of Shotwell Road with Amelia Church Road to Clayton High School. Funds are needed for construction for a pedestrian connector.	\$1,030,672.00 Cost \$824,538.00 Fed. \$206,134.00 Local

Bridge

Halifax Co. B-4761 REGIONAL	38533.1.1, BRSTP-0561(18) Replace Bridge #29 over Little Fishing Creek on NC 561. \$350,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. This is a Strategic Transportation Investments Transition project.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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Bicycle and Pedestrian

Goldsboro / Wayne Co. EB-5508 DIVISION	50024.3.FD1, STPEB-1003(136) SR 1003 (New Hope Road). Funds are needed for construction for a multi-use path. This is a Strategic Transportation Investments Transition project.	\$525,000.00 Cost \$420,000.00 Fed. \$105,000.00 State
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. C-5163 EXEMPT	46228.1.1, CMS-0503(17) Crabtree Creek Greenway construct a connector between Capital Area Greenway System, Cary Greenway System, and the Morrisville Greenway System and the Research Triangle Park. \$306,400.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$160,000.00 Cost \$128,000.00 Fed. \$32,000.00 Local

Urban

Apex / Wake Co. U-5118AE REGIONAL	42379.1.30, STPDA-0501(35) NC 55 and Olive Chapel Road at Apex Peakway Intersections. Funds are needed for preliminary engineering.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 Local
Apex / Wake Co. U-5118AF DIVISION	42379.1.31, STPDA-0501(36) Kelly Road at Olive Chapel Road. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 Local

Safety

Durham Co. W-5205V DIVISION	45335.3.23, HSIP-1104(19) SR 1104/SR 1105 (Herndon Road) at SR 1106 (Massey Chapel Road/Barbee Road). Funds are needed for construction for a roundabout.	\$510,000.00 Cost \$459,000.00 Fed. \$51,000.00 State
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Franklin Co. W-5601AW REGIONAL	50138.1.50, HSIP-0401(270) US 401 at SR 1110 (E.F Cottrell Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. W-5601AA DIVISION	50138.3.FD28, HSIP-2233(3) SR 2233 (Smithfield Road) at SR 2685 (Sandy Run). Funds are needed for construction for the installation of a new traffic signal.	\$63,000.00 Cost \$56,700.00 Fed. \$6,300.00 State
Wake Co. W-5601AX DIVISION	50138.1.51, HSIP-3977(1) SR 3977 (Cary Parkway) at West Chatham Street. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. W-5601AY STATEWIDE	50138.1.52, HSIP-0540(31) US 64 from NC 540 to Salem Street/Davis Drive. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. W-5601BC REGIONAL	50138.1.56, HSIP-0042(62) NC 42 at SR 2736 (Rock Service Station Road). Funds are needed for preliminary engineering.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
Wake Co. W-5601J REGIONAL	50138.3.FR11, HSIP-064B(4) US 64 Business / SR 2911 (New Bern Avenue). Funds are needed for construction for pedestrian enhancements at multiple intersections.	\$90,000.00 Cost \$81,000.00 Fed. \$9,000.00 State

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

Division 6

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Robeson Co. B-4616 REGIONAL	33798.2.1, BRSTP-0211(16) Replace Bridge #18 over CSX Railroad on NC 211. Funds are needed for full right of way and utilities.	\$550,000.00 Cost \$440,000.00 Fed. \$110,000.00 State

Safety

Columbus Co. W-5601AT REGIONAL	50138.1.47, HSIP-0701(31) US 701 from approximately 400 feet south to approximately 600 feet north of SR 1005 (Peacock Road). Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
Columbus Co. W-5601BM STATEWIDE	50138.1.66, HSIP-0074(176) US 74 from SR 1435 (Union Valley Road) to US 74 Business. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
Cumberland Co. W-5206AH DIVISION	45336.2.FD34, HSIP-1403(16) SR 1403 (Reilly Road) from SR 1400 (Cliffdale Road) to Willowbrook/Kimridge. \$120,000.00 has previously been approved for right of way and utilities. Additional funds are needed for utility relocation.	\$120,000.00 Cost \$108,000.00 Fed. \$12,000.00 State

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

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. W-5519 REGIONAL	45849.2.FR1, HSIP-095-2(128)46 I-95 Business/US 301 from NC 87 south to NC 59. Funds are needed for full right of way and utilities.	\$135,000.00 Cost \$108,000.00 Fed. \$27,000.00 State
Cumberland Co. W-5601AN DIVISION	50138.2.41, HSIP-1113(11) SR 1113 (Waldo's Beach Road) at SR 1112 (Rockfish Road), and SR 1113 (Waldo's Beach Road) at SR 1003 (Camden Road). Funds are needed for full right of way and utilities.	\$86,000.00 Cost \$77,400.00 Fed. \$8,600.00 State
Cumberland Co. W-5601AQ REGIONAL	50138.1.44, HSIP-0401(269) US 401 Bypass (Pamalee Drive) at Blanton Road. Funds are needed for preliminary engineering.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State
Cumberland Co. W-5601AR DIVISION	50138.1.45, HSIP-1600(14) SR 1600 (McCormick Bridge Road), curve located approximately 0.3 miles south east of SR 1798. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State

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

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. W-5601AS DIVISION	50138.1.46, HSIP-1704(5) SR 1704 (Palestine Road) from US 401 to SR 1609 (East Reeves Bridge Road). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Harnett Co. W-5601AO STATEWIDE	50138.1.42, HSIP-0087(34) NC 87 at SR 1115 (Buffalo Lake Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Robeson Co. W-5601AP DIVISION	50138.1.43, HSIP-1003(141) SR 1673 (Moss Neck Road) from SR 1563 (Union Chapel Road) to SR 1003 (Chicken Road). Funds are needed for preliminary engineering.	\$40,000.00 Cost \$36,000.00 Fed. \$4,000.00 State

Rail Program

Fayetteville / Cumberland Co. Z-5400FI DIVISION	43600.1.58, RR-1168(5) Highway Grade Crossing Safety Project at the intersection of SR 1168 (Whitfield Street) and the CSX Crossing # 629 886P. Funds are needed for preliminary engineering.	\$19,762.00 Cost \$17,786.00 Fed. \$1,976.00 State
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rowland/ Robeson Co. Y-4806G DIVISION	40325.3.50, STPRR-0638(9) Railway-Highway Grade Crossing Safety Project at the intersection of Mill Street and the CSX Transportation Tracks; Crossing #629 617X. Funds are needed for construction for a proposed crossing closure.	\$20,000.00 Cost \$20,000.00 Fed.

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

Division 7

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Alamance Co. I-5836 STATEWIDE	53042.1.1, NHPP-0040(10)148 I-40 / I-85 from 0.2 mile east of NC 49 to 0.2 mile east of NC 54 in Graham. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Guilford Co. I-5734 STATEWIDE	52010.1.1, NHPP-0040(6)208 I-40 from 1.3 miles east of SR 1850 (Sandy Ridge Road) to 1.1 miles east of SR 1556 (Gallimore Dairy Road) in Greensboro. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Guilford Co. I-5735 STATEWIDE	52017.1.1, NHPP-0073(39) I-73 from Randolph County line to 1.2 miles north of NC 62. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Guilford Co. I-5736 STATEWIDE	52018.1.1, NHPP-0074(174) I-74/US 311 from Forsyth County line to SR 1300 (Green Road) in High Point. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

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

Division 7 (Continued)

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. I-5762 STATEWIDE	53005.1.1, NHPIM-0040(7)208 I-40 from the Forsyth County line to 1.3 miles east of SR 1850 (Sandy Ridge Road). Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Guilford Co. I-5789 STATEWIDE	53029.1.1, NHPIM-0085(3)117 I-85 from SR 1113 (Kivett Drive) to 0.4 mile north of I-85 Business in High Point. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Guilford Co. I-5790 STATEWIDE	53030.1.1, NHPIM-0085(4) I-85 from 0.2 mile north of SR 3039 (Nelson Farm Road) to 1.3 miles north of SR 3029 (Youngs Mill Road) in Greensboro. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Guilford Co. I-5811 STATEWIDE	50454.1.1, NHPIM-0040(9)214 I-40 from 0.2 miles east of SR 1541 (Wendover Avenue) to 0.6 miles east of SR 4239 (Patterson Street) in Greensboro. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

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

Division 7 (Continued)

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. I-5821 STATEWIDE	50464.1.1, NHPIM-0085(5)116 I-85 from Randolph County line to 1 mile east of SR 1113 (Kivett Drive). Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Guilford Co. I-5852 STATEWIDE	53056.1.1, NHPIM-0073(40) I-73 from I-40/US 421 to SR 2085 (Bryan Boulevard) in Greensboro. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Guilford Co. I-5853 STATEWIDE	53057.1.1, NHPIM-0085(6)126 I-85 / US 29 / US 70 from 0.4 mile north of I 85 Business to 0.3 mile north of I-73 / US 421. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Guilford Co. I-5854 STATEWIDE	53058.1.1, NHPIM-0085(7)123 I-85 from 0.3 mile north of Business 85 to 0.2 mile north of SR 1115 (Rehobeth Church Road). Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

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

Division 7 (Continued)

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. I-5855 STATEWIDE	53059.1.1, NHPIM-0085(8) I-85 from 0.8 mile north of SR 3505 (Pleasant Garden Road) to 0.2 mile north of SR 3039 (Nelson Farm Road) in Greensboro. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Orange Co. I-5822 STATEWIDE	50465.1.1, NHPIM-0040(8)270 I-40 from 1.6 miles east of NC 86 to 0.8 mile east of SR 1734 (Erwin Road). Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Urban

Guilford Co. U-5306B REGIONAL	47026.2.3, STP-0220(61) US 220 (Battleground Avenue) intersection with Westridge Road. Funds are needed for full right of way and utilities.	\$1,517,000.00 Cost \$1,213,600.00 Fed. \$303,400.00 State
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Bridge

Guilford Co. B-5736 REGIONAL	45692.3.FR1, BRSTP-0061(7) Replace Bridge 38 over Beaver Creek on NC 61. Funds are needed for construction.	\$850,000.00 Cost \$680,000.00 Fed. \$170,000.00 State
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Orange Co. W-52071 DIVISION	45337.3.FD9, HSIP-1005(30) SR 1005 (Jones Ferry Road) and Davie Street. Funds are needed for construction for rumble strips, guardrail, safety and lighting improvements.	\$600,000.00 Cost \$540,000.00 Fed. \$60,000.00 State

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

Division 8

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Moore Co. R-2812A REGIONAL	34504.1.2, STPE-0211(33) NC 211 from NC 73 in West End to the traffic circle in Pinehurst. \$215,065.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. This is a Strategic Transportation Investments Transition project.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 Local

Bridge

Hoke Co. B-4967 DIVISION	40158.2.1, BRZ-1203(2) Replace Bridge #8 over the Lumber River on SR 1203 / SR 1412. Funds are needed for full right of way and utilities.	\$453,000.00 Cost \$362,400.00 Fed. \$90,600.00 State
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Safety

Randolph Co. W-5601AZ DIVISION	50138.1.53, HSIP-1707(1) SR 1707 (Church Street) from SR 1453 (Walker Avenue) to SR 1442 (Sunset Avenue). Funds are needed for preliminary engineering.	\$6,000.00 Cost \$5,400.00 Fed. \$600.00 State
Randolph Co. W-5601BA REGIONAL	50138.1.54, HSIP-0042(61) US 220 Business (Fayetteville Street) from Wainman Avenue to NC 42 (Salisbury Street). Funds are needed for preliminary engineering.	\$8,000.00 Cost \$7,200.00 Fed. \$800.00 State

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

Division 8 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Scotland Co. W-5601BD STATEWIDE	50138.1.57, HSIP-0074(175) US 74 at NC 144 and SR 1305 (Ida Mill Road). Funds are needed for preliminary engineering.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State

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

Division 9

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rowan Co. C-4908E EXEMPT	44008.1.F5, CMS-0914(20) Sidewalks along Bringle Ferry Road from Long Street to Newsome Road. Funds are needed for preliminary engineering.	\$13,500.00 Cost \$10,800.00 Fed. \$2,700.00 Local

Urban

Lewisville/ Forsyth Co. U-5536 DIVISION	44108.2.F1, STPDA-0927(6) Great Wagon Road from SR 1001 (Shallowford Road) to SR 1308 (Lewisville-Vienna Road). \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$495,000.00 Cost \$396,000.00 Fed. \$99,000.00 Local
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Bridge

Forsyth Co. BD-5109AC DIVISION	45355.2.29, BRZ-1893(1) Replace Bridge 283 over an Unnamed Creek on SR 1893. Funds are needed for full right of way and utilities.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Forsyth Co. BP-5500GG STATEWIDE	50070.3.33, BRSTP-0052(51) Bridge #115 on US 52 over SR 4315 (Waughtown Street). Funds are needed for construction.	\$1,284,550.00 Cost \$1,027,640.00 Fed. \$256,910.00 State

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

Division 9 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Forsyth Co. BP-5500R STATEWIDE	50070.3.18, BRSTP-0052(52) Bridges #27 and #28 just south of Winston-Salem on US 52 southbound and northbound over SR 4205 (South Main Street) and Soakus Creek. Funds are needed for construction.	\$1,110,900.00 \$888,720.00 \$222,180.00	Cost Fed. State
Stokes Co. BD-5109AE DIVISION	45355.3.FD31, BRZ-1998(2) Replace Bridge #45 over Brushy Fork Creek on SR 1998. Funds are needed for construction.	\$650,000.00 \$520,000.00 \$130,000.00	Cost Fed. State
Stokes Co. BD-5109AF DIVISION	45355.3.FD32, BRZ-1674(6) Replace Bridge #108 over Snow Creek on SR 1674. Funds are needed for construction.	\$1,250,000.00 \$1,000,000.00 \$250,000.00	Cost Fed. State
Safety			
Rowan Co. W-5314 REGIONAL	46137.2.FR1, HSIP-0801(10) NC 801at SR 2048 (Cool Springs Road/Woodleaf Road), SR 1951 (Parks Road) at SR 2048 (Woodleaf Road) and NC 801 at SR 2004 (Woodleaf Barber Road/ Quarry Road). Funds are needed for full right of way and utilities.	\$666,667.00 \$600,000.00 \$66,667.00	Cost Fed. State

**NCDOT July 2015 Board of Transportation Agenda
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Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. I-5405A EXEMPT	45454.1.3, NHP-077-1(222)17 I-77 at Lakeview Road. Funds are needed for preliminary engineering. This is a Strategic Transportation Investments Bonus Allocation.	\$400,000.00 Cost \$320,000.00 Fed. \$80,000.00 State
Mecklenburg Co. I-5405B EXEMPT	45454.1.4, NHP-077-1(223)20 I-77 at Hambright Road. Funds are needed for preliminary engineering. This is a Strategic Transportation Investments Bonus Allocation.	\$400,000.00 Cost \$320,000.00 Fed. \$80,000.00 State

Urban

Mecklenburg Co. U-5511 REGIONAL	45531.3.FR1, TCSP-0051(32) Intersection of NC 51 and Matthews-Mint Hill Road. Funds are needed for construction to construct a roundabout. This is a Strategic Transportation Investments Transition project.	\$657,534.00 Cost \$526,027.00 Fed. \$131,507.00 State
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Safety

Mecklenburg Co. W-5601BI STATEWIDE	50138.1.62, HSIP-0485(38) I-485 Inner Loop Off-Ramp to NC 49 (North Tryon Street) in Charlotte. Funds are needed for preliminary engineering.	\$35,000.00 Cost \$31,500.00 Fed. \$3,500.00 State
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. W-5601BJ STATEWIDE	50138.1.63, HSIP-0485(39) I-485 northbound ramp at US 29 (North Tryon Street) near Charlotte. Funds are needed for preliminary engineering.	\$40,000.00 Cost \$36,000.00 Fed. \$4,000.00 State
Stanly Co. SR-5001BM DIVISION	40924.3.64, SRS-1717(1) Safe Routes To School - SR 1717 (Boyden Street) at the intersections of SR 1717 at SR 1714 (Nantahala Street) and SR 1717 at Spruce Street serving Badin Elementary School. Funds are needed to construct a sidewalk. This is a Strategic Transportation Investments Transition project.	\$100,000.00 Cost \$100,000.00 Fed.
Union Co. W-5601BH DIVISION	50138.1.61, HSIP-1008(24) SR 1008 (Waxhaw Indian Trail Road) and SR 1346 (Beulah Church Road) near Wesley Chapel. Funds are needed for preliminary engineering.	\$135,000.00 Cost \$121,500.00 Fed. \$13,500.00 State
Union Co. W-5601BK REGIONAL	50138.1.64, HSIP-0200(4) NC 200 (Lancaster) and SR 1117 (Providence Road South). Funds are needed for preliminary engineering.	\$115,000.00 Cost \$103,500.00 Fed. \$11,500.00 State

**NC DOT July 2015 Board of Transportation Agenda
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Division 11

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Surry Co. BD-5111V DIVISION	45357.3.FD22, BRZ-1809(5) Replace Bridge #244 over SR 1856 on SR 1809. Funds are needed for construction.	\$2,059,000.00 Cost \$1,647,200.00 Fed. \$411,800.00 State

Safety

Surry Co. W-5601AU REGIONAL	50138.1.48, HSIP-0268(20) NC 268 at the US 21 southbound ramps. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Surry Co. W-5601AV REGIONAL	50138.1.49, HSIP-0052(50) US 52 Business / NC 89 (Renfro Street) and NC 103 / SR 2432 (Pine Street). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

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

Division 12

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Iredell Co. I-4750AC EXEMPT	40099.1.8, NHP-077-1(224)30 I-77 at exit 30 (Griffith Street). Funds are needed for preliminary engineering. This is a Strategic Transportatin Investments Bonus Allocation project.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Rail Program

Kings Mountain / Cleveland Co. Y-5500LA DIVISION	45533.1.FD2, RR-1218(7) Railway-Highway Grade Safety Crossing Safety Project at the intersection of Mountain Street and the Norfolk Southern Railroad; Crossing #716 260Y; and Gold Street and the Norfolk Southern Railroad; Crossing #716 261F. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$12,000.00 Cost \$12,000.00 Fed.
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Asheville / Buncombe Co. U-5189 DIVISION	45250.3.1, STPDA-0025(26) US 25 (Hendersonville Road) from I-40 south to NC 146 (Long Shoals Road). Funds are needed to construct a sidewalk. This is a Strategic Transportation Investments Transition project.	\$3,098,830.00 Cost \$2,479,064.00 Fed. \$619,766.00 Local

Bridge

Buncombe Co. B-5196 DIVISION	45252.2.FD1, BRZ-1329(6) Replace Bridge #528 on Texas Road over Flat Creek. Funds are needed for full right of way and utilities.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 Local
Burke Co. U-2551 DIVISION	34832.1.1, STP-1922(1) SR 1922 (Enola Road) SR 1924 (Old NC 18) from SR 2026 (Arnold Drive) to NC 18 (South Sterling Street). \$3,654,837.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. This is a Strategic Transportation Investments Transition project.	\$20,000.00 Cost \$16,000.00 Fed. \$4,000.00 State

**NCDOT July 2015 Board of Transportation Agenda
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Division 14

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Polk Co. B-4792 DIVISION	38562.2.1, BRZ-1102(5) Replace Bridge #4 over Fork Creek on SR 1102. Funds are needed for full right of way and utilities.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State

Bicycle and Pedestrian

Henderson Co. EB-5537 DIVISION	50052.3.FD1, STPEB-1413(15) Hendersonville - Oklawaha Greenway from Patton Park to Balfour Road/Berkley Mills. Funds are needed for construction of a greenway. This is a Strategic Transportation Investments Transition project.	\$1,200,000.00 Cost \$960,000.00 Fed. \$240,000.00 State
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**NCDOT July 2015 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide M-0487 STATEWIDE	46403.1.3, SHRP-000S(806) Technology and Innovation Deployment Program (TIDP). Funds are needed for the 2015 allocation.	\$194,229.00 \$194,229.00	Cost Fed.
Statewide M-0487 STATEWIDE	46403.1.2, SHRP-000S(805) Strategic Highway Research Program (SHRP2). Funds are needed for the 2015 allocation.	\$250,000.00 \$250,000.00	Cost Fed.

ITEM M SUMMARY - 92 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$35,227,095.00

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

\$900,000.00 of funds for these projects are excluded from the Transportation Investment Strategy Formula as part of a Bonus Allocation available to this local area.

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 5

* I-5729 DURHAM PROJ.CATEGORY STATEWIDE	I-85, US 15 / US 501 TO EAST OF SR 1827 (MIDLAND TERRACE ROAD) IN DURHAM. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	<u>\$8,319,000</u>	(NHPIM)
				\$8,319,000	

* I-5787 GRANVILLE PROJ.CATEGORY STATEWIDE	I-85, NORTH OF NC 56 TO NORTH OF SR 1135 (SMITH ROAD). PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$2,500,000	(NHPIM)
			FY 2017 -	<u>\$2,500,000</u>	(NHPIM)
				\$5,000,000	

* I-5819 GRANVILLE PROJ.CATEGORY STATEWIDE	I-85, 0.2 MILE NORTH OF US 15 TO VANCE COUNTY LINE. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	<u>\$5,210,000</u>	(NHPIM)
				\$5,210,000	

* I-5843 GRANVILLE PROJ.CATEGORY STATEWIDE	I-85, 1 MILE NORTH OF SR 1135 (SMITH RD.) TO 0.2 MILE NORTH OF US 15. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$1,623,000	(NHPIM)
			FY 2017 -	<u>\$1,622,000</u>	(NHPIM)
				\$3,245,000	

DIVISION 7

* I-5734 GUILFORD PROJ.CATEGORY STATEWIDE	I-40, 1.3 MILES EAST OF SR 1850 (SANDY RIDGE ROAD) TO 1.1 MILES EAST OF SR 1556 (GALLIMORE DAIRY ROAD) IN GREENSBORO. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$3,201,000	(NHPIM)
			FY 2017 -	\$3,201,000	(NHPIM)
				\$6,402,000	

* I-5735 GUILFORD PROJ.CATEGORY STATEWIDE	I-73, RANDOLPH COUNTY LINE TO 1.2 MILES NORTH OF NC 62. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$2,620,000	(NHPIM)
				\$2,620,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 7

* I-5736 GUILFORD PROJ.CATEGORY STATEWIDE	I-74 / US 311, FORSYTH COUNTY LINE TO SR 1300 (GREEN ROAD) IN HIGH POINT. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$829,000	(NHPIM)
				\$829,000	
* I-5762 GUILFORD PROJ.CATEGORY STATEWIDE	I-40, FORSYTH COUNTY LINE TO 1.3 MILES EAST OF SR 1850 (SANDY RIDGE ROAD). PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$1,631,000	(NHPIM)
			FY 2017 -	\$1,631,000	(NHPIM)
				\$3,262,000	
* I-5789 GUILFORD PROJ.CATEGORY STATEWIDE	I-85, SR 1113 (KIVETT DRIVE) TO 0.4 MILE NORTH OF I- 85 BUSINESS IN HIGH POINT. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$1,604,000	(NHPIM)
			FY 2017 -	\$1,604,000	(NHPIM)
				\$3,208,000	
* I-5790 GUILFORD PROJ.CATEGORY STATEWIDE	I-85, 0.2 MILE NORTH OF SR 3039 (NELSON FARM ROAD) TO 1.3 MILES NORTH OF SR 3029 (YOUNGS MILL ROAD) IN GREENSBORO. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$2,088,000	(NHPIM)
			FY 2017 -	\$2,088,000	(NHPIM)
				\$4,176,000	
* I-5821 GUILFORD PROJ.CATEGORY STATEWIDE	I-85, RANDOLPH COUNTY LINE TO SR 1113 (KIVETT DRIVE). PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$3,346,000	(NHPIM)
			FY 2017 -	\$3,346,000	(NHPIM)
				\$6,692,000	
* I-5836 ALAMANCE PROJ.CATEGORY STATEWIDE	I-40 / I-85, 0.2 MILE EAST OF NC 49 TO 0.2 MILE EAST OF NC 54 IN GRAHAM. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$1,454,000	(NHPIM)
				\$1,454,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 7

* I-5854 GUILFORD PROJ.CATEGORY STATEWIDE	I-85, 0.3 MILE NORTH OF BUSINESS 85 TO 0.2 MILE NORTH OF SR 1115 (REHOBETH CHURCH ROAD). PAVEMENT REHABILITATION. <u><i>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</i></u>	CONSTRUCTION	FY 2016 -	\$3,391,000	(NHPIM)
				\$3,391,000	

* I-5855 GUILFORD PROJ.CATEGORY STATEWIDE	I-85, 0.8 MILE NORTH OF SR 3505 (PLEASANT GARDEN RD.) TO 0.2 MILE NORTH OF SR 3039 (NELSON FARM ROAD) IN GREENSBORO. PAVEMENT REHABILITATION. <u><i>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</i></u>	CONSTRUCTION	FY 2016 -	\$2,766,000	(NHPIM)
			FY 2017 -	\$2,765,000	(NHPIM)
				\$5,531,000	

DIVISION 8

* I-5737 RANDOLPH PROJ.CATEGORY STATEWIDE	I-73, 1.3 MILES NORTH OF SR 1504 (SPERO ROAD) TO US 311. PAVEMENT REHABILITATION. <u><i>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</i></u>	CONSTRUCTION	FY 2016 -	\$150,000	(NHPIM)
				\$150,000	

* I-5738 RANDOLPH PROJ.CATEGORY STATEWIDE	I-85, SOUTH OF SR 1009 TO NORTH OF SR 1912 (LUNAR DRIVE) IN ARCHDALE. PAVEMENT REHABILITATION. <u><i>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</i></u>	CONSTRUCTION	FY 2016 -	\$3,500,000	(NHPIM)
			FY 2017 -	\$3,500,000	(NHPIM)
				\$7,000,000	

* I-5763 RANDOLPH PROJ.CATEGORY STATEWIDE	I-73, US 311 TO 0.6 MILE NORTH OF SR 1938 (HOCKETT DAIRY ROAD). PAVEMENT REHABILITATION. <u><i>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</i></u>	CONSTRUCTION	FY 2016 -	\$4,494,000	(NHPIM)
			FY 2017 -	\$4,493,000	(NHPIM)
				\$8,987,000	

DIVISION 9

* I-5740 DAVIDSON PROJ.CATEGORY STATEWIDE	I-85, SR 2205 (OLD US 64) TO 0.4 MILES NORTH OF US 64. PAVEMENT REHABILITATION. <u><i>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</i></u>	CONSTRUCTION	FY 2016 -	\$200,000	(NHPIM)
				\$200,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

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STIP ADDITIONS

DIVISION 9

* I-5741 ROWAN PROJ.CATEGORY STATEWIDE	I-85, US 601 TO 0.5 MILE SOUTH OF US 52 IN SALISBURY. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$2,271,000	(NHPIM)
				\$2,271,000	

* I-5767 FORSYTH PROJ.CATEGORY STATEWIDE	I-74 / US 311, I-40 TO GUILFORD COUNTY LINE. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$2,377,000	(NHPIM)
			FY 2017 -	\$2,377,000	(NHPIM)
				\$4,754,000	

* I-5794 FORSYTH DAVIE PROJ.CATEGORY STATEWIDE	I-40, 0.3 MILE WEST OF NC 801 IN DAVIE COUNTY TO SR 1101 (HARPER ROAD) IN FORSYTH COUNTY. PAVEMENT REHABILITATION. <u>FY 16 STI PROJECT ADDED TO 2012-2018 STIP TO ALLOW ENGINEERING TO COMMENCE.</u>	CONSTRUCTION	FY 2016 -	\$1,505,000	(NHPIM)
				\$1,505,000	

DIVISION 10

* I-4750AC MECKLENBURG PROJ.CATEGORY EXEMPT	I-77/EXIT 30 (GRIFFITH STREET) INTERCHANGE. CONSTRUCT ROUNDABOUTS AT NORTHBOUND AND SOUTHBOUND RAMP TERMINI. <u>ADD RIGHT-OF-WAY IN FY 16 AND CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED. PROJECT WAS SELECTED BY CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION (CRTPO) AS A BONUS ALLOCATION PROJECT.</u>	RIGHT-OF-WAY	FY 2016 -	\$600,000	NHPBA
		CONSTRUCTION	FY 2016 -	\$2,400,000	NHPBA
				\$3,000,000	

* I-5405A MECKLENBURG PROJ.CATEGORY EXEMPT	I-77/LAKEVIEW ROAD INTERCHANGE. CONVERT GRADE SEPARATION TO HOT LANE DIRECT CONNECTION INTERCHANGE. <u>ADD RIGHT-OF-WAY IN FY 16 AND CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED. PROJECT WAS SELECTED BY CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION (CRTPO) AS A BONUS ALLOCATION PROJECT.</u>	RIGHT-OF-WAY	FY 2016 -	\$3,000,000	NHPBA
		CONSTRUCTION	FY 2016 -	\$37,000,000	NHPBA
				\$40,000,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

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STIP ADDITIONS

DIVISION 10

* I-5405B	I-77/HAMBRIGHT ROAD INTERCHANGE. CONVERT	RIGHT-OF-WAY	FY 2016 -	\$3,000,000	NHPBA
MECKLENBURG	GRADE SEPARATION TO HOT LANE DIRECT	CONSTRUCTION	FY 2016 -	<u>\$34,000,000</u>	NHPBA
PROJ.CATEGORY	CONNECTION INTERCHANGE.			\$37,000,000	
EXEMPT	<u>ADD RIGHT-OF-WAY IN FY 16 AND CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED. PROJECT WAS SELECTED BY CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION (CRTPO) AS A BONUS ALLOCATION PROJECT.</u>				

DIVISION 13

* U-5616	FRENCH BROAD RIVER METROPOLITAN PLANNING	ENGINEERING	FY 2015 -	\$150,000	(STPDA)
TRANSYLVANIA	ORGANIZATION PLANNING (PL) SUPPLEMENT.		FY 2015 -	\$38,000	(L)
MADISON	<u>ADD ENGINEERING IN FY 15 NOT PREVIOUSLY PROGRAMMED.</u>			\$188,000	
HAYWOOD					
HENDERSON					
BUNCOMBE					
PROJ.CATEGORY					
DIVISION					

STIP MODIFICATIONS

DIVISION 5

U-4724	SR 1158 (CORNWALLIS ROAD), SR 2295 (SOUTH	CONSTRUCTION	FY 2018 -	\$3,854,000	(STPDA)
DURHAM	ROXBORO STREET) TO SR 1127 (CHAPEL HILL ROAD)		FY 2018 -	<u>\$1,124,000</u>	(L)
PROJ.CATEGORY	IN DURHAM. BIKE AND PEDESTRIAN FEATURES.			\$4,978,000	
TRANSITION	<u>DESCRIPTION REVISED TO CORRECT TERMINI AT REQUEST OF MPO.</u>				
* U-5317	NORTH JUDD PARKWAY, NC 55 (NORTH BROAD	RIGHT-OF-WAY	FY 2016 -	\$5,550,000	(L)
WAKE	STREET) TO NC 42 (WEST ACADEMY STREET) IN	UTILITIES	FY 2016 -	\$650,000	(L)
PROJ.CATEGORY	FUQUAY-VARINA, WAKE COUNTY. MULTI-LANE	CONSTRUCTION	FY 2017 -	\$15,000,000	(L)
DIVISION	FACILITY ON NEW LOCATION.			\$21,200,000	
	<u>ADD RIGHT-OF-WAY IN FY 16 AND CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 5

* U-5501	SR 1650 (REEDY CREEK ROAD), NC 54 (NE MAYNARD ROAD) TO SR 1652 (HARRISON AVENUE) IN CARY.	RIGHT-OF-WAY	FY 2018 -	\$2,300,000	(L)
WAKE		UTILITIES	FY 2018 -	\$1,100,000	(L)
PROJ.CATEGORY	WIDEN TO MULTI-LANES, TO INCLUDE PEDESTRIAN AND SAFETY ENHANCEMENTS.	CONSTRUCTION	FY 2019 -	\$5,300,000	(L)
DIVISION				\$8,700,000	
	<u>COST INCREASE BEYOND \$2 MILLION AND 25% THRESHOLDS.</u>				

DIVISION 7

* B-5239	NC 87, REPLACE BRIDGE 000126 OVER MILL RACE AND REPLACE BRIDGE 000119 OVER HAW RIVER.	RIGHT-OF-WAY	FY 2017 -	\$35,000	(HFB)
ALAMANCE		UTILITIES	FY 2017 -	\$230,000	(HFB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 17 AND CONSTRUCTION FROM FY 16 TO FY 18 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	CONSTRUCTION	FY 2018 -	\$3,450,000	(HFB)
REGIONAL				\$3,715,000	

DIVISION 9

* B-4808	SR 1004 (STOKES FERRY ROAD), REPLACE BRIDGE 790141 OVER SOUTH SECOND CREEK.	RIGHT OF WAY	FY 2016 -	\$68,000	(HFB)
ROWAN		CONSTRUCTION	FY 2017 -	\$1,600,000	(HFB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AND CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR PLANNING, DESIGN, AND FERC COORDINATION.</u>			\$1,668,000	
DIVISION					

DIVISION 12

* C-5623	CRAMER MOUNTAIN ROAD, BALTIMORE DRIVE TO SOUTH NEW HOPE ROAD. CONSTRUCT SIDEWALK.	ENGINEERING	FY 2015 -	\$75,000	(CMAQ)
GASTON			FY 2015 -	\$25,000	(L)
PROJ.CATEGORY	<u>ACCELERATE PRELIMINARY ENGINEERING FROM FY 16 TO FY 15 AT THE REQUEST OF THE MPO.</u>	RIGHT-OF-WAY	FY 2016 -	\$5,000	(CMAQ)
EXEMPT			FY 2016 -	\$2,000	(L)
		CONSTRUCTION	FY 2016 -	\$240,000	(CMAQ)
			FY 2016 -	\$80,000	(L)
				\$427,000	

DIVISION 14

* B-5550	BREVARD, RAILROAD AVENUE OVER KINGS CREEK. REPLACE BRIDGE 870102.	RIGHT-OF-WAY	FY 2016 -	\$120,000	(STPON)
TRANSYLVANIA			FY 2016 -	\$30,000	(L)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AND CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR THE CITY OF BREVARD TO COMPLETE PLANNING AND DESIGN.</u>	CONSTRUCTION	FY 2017 -	\$520,000	(STPON)
DIVISION			FY 2017 -	\$130,000	(L)
				\$800,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

HIGHWAY PROGRAM

ITEM N SUMMARY

ADDITION S	25 PROJECTS	\$164,394,000
MODIFICATION S	7 PROJECTS	
	32 PROJECTS	\$164,394,000

* INDICATES FEDERAL AMENDMENT

Thursday, July 09, 2015

NCDOT July 9, 2015 Board of Transportation Agenda

SUMMARY: There are a total of 36 agreements for approval by the Board of Transportation.

Statewide

U.S. Geological Survey (USGS)
Currituck County

This Agreement is to extend the Joint Funding Agreement between the USGS and NCDOT to operate and maintain a stream gage in Currituck Sound at the Mid-Currituck Bridge project for water quality monitoring through September 30, 2020; and to discontinue stream gages in Goose Creek and Waxhaw Creek by September 30, 2015. The total cost for NCDOT is a fixed cost of \$40,075.

Division 1

United States Department of the Interior - National Park Service (NPS)
County of Dare
B-2500
32635.1.4
32635.3.GV3

This Project provides for the replacement of the Herbert C. Bonner bridge across Oregon Inlet from Bodie Island to Hatteras Island. This Letter of Agreement provides for NPS cost recovery of a full-time permit manager for the construction, decommissioning of the original Bonner Bridge and restoration of NPS property as identified in the Special Use Permit. The maximum cost to the Department for this work is \$700,000 for the five (5) year period.

Division 3

Town of Burgaw
Pender County
44493

The Project consists of the installation of concrete sidewalk along West Satchwell Street to US 117 Business (Walker Street) & along US 117 Business (Walker Street) from West Satchwell Street to the Pender Senior Center. The Department shall reimburse the Municipality for its estimated costs in the project in an amount not to exceed \$306,000.

Vertex Rail Technologies, LLC (VRT)
Vertex Railcar Corporation (VRC)
New Hanover County
44344
80000.3.1.1

This Rail Agreement consists of the Department's consent to VRT's assignment and VRC's assumption of all rights, duties, and obligations of VRT under the Rail Industrial Access Agreement (RIAA) dated March 31, 2015, and executed on April 6, 2015, by and between VRT and the Department.

City of Wilmington
New Hanover County
U-5534 Q
44096.1.F18
44096.2.F18
44096.3.F18

This Project consists of the installation of a sidewalk at intersection NC 132 (South College Road) at Holly Tree Road in Wilmington. The Municipality is responsible for all phases of the Project. The Department shall participate in cost not to exceed 80% (\$226,481) from STPDA funds. The Municipality is responsible for the 20% (\$56,620) matching funds and all costs that exceed the total estimated cost of \$283,101.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 3, con't.

Town of Carolina Beach
New Hanover County
U-5534 O
44096.1.F16
44096.3.F16

This Project consists of the construction of a multi-use path on the south side of Cape Fear Boulevard from Third Street to Dow Road in Carolina Beach. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 80% (\$425,639) from STPDA funds. The Municipality will be responsible for providing 20% (\$106,410) matching funds and all costs that exceed the total estimated cost of \$532,049.

Pender County
U-5534 R
44096.1.F19
44096.2.F19
44096.3.F19

This Project consists of the construction of sidewalk along Doral Drive (SR 1693) from the intersection of Sloop Point Loop Road (SR 1563) in Pender County. The County is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 80% (\$212,000) from STPDA funds. The Municipality will be responsible for providing 20% (\$53,000) matching funds and all costs that exceed the total estimated cost of \$265,000.

Division 5

Research Triangle Foundation
(RTF)
Wake County
U-5530 NA
44111.3.10

This Project consists of the construction of a multi-use trail along Davis Drive from Parkside Valley Drive in Morrisville to Kit Creek Road in Research Triangle Park. RTF is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 60% (\$990,000) from TAP funds. RTF will be responsible for providing 40% (\$660,000) matching funds and all costs that exceed the total estimated cost of \$1,650,000.

Town of Cary
Wake County
U-5530 IB
44111.2.F10
44111.3.F10

This Project consists of the construction of the final link of White Oak Greenway from Green Level Church Road to the American Tobacco Trail. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 50% (\$2,715,500) from STPDA funds. The Municipality will be responsible for providing 50% (\$2,715,500) matching funds and all costs that exceed the total estimated cost of \$5,431,000.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 5, con't.

Town of Holly Springs
Wake County
U-5529
44107.1.F1
44107.2.F1
44107.3.F1

This Project consists of operational improvements on SR 1115 (Avent Ferry Road), improvements are from Village Walk Drive to Southwest of SR 1101 (Piney Grove – Wilbon Road) in Holly Springs. This Supplemental Agreement includes the construction Phase to the Project. The Department shall participate in an amount not to exceed 80% (\$1,584,000) from STPDA funds. The Municipality will be responsible for providing 20% (\$396,000) matching funds and all costs that exceed the total estimated cost.

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). This Supplemental Agreement is to expand the scope to include pedestrian facilities on both sides of the Project and to increase the Municipality's funding participation by \$11,030.

City of Durham
Durham County
C-5572
46401.3.F1

This Project consists of Phase II of the West Ellerbee Creek Trail. The Project begins at Westover Park on Maryland Avenue and ending at Broad Street near Stadium Drive in Durham. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 80% (\$1,081,600) from CMAQ funds. The Municipality will be responsible for providing 20% (\$270,400) matching funds and all costs that exceed the total estimated cost of \$1,352,000.

City of Durham
Durham County
C-4928
44028.1.F1
44028.2.F1
44028.3.F1

This Project consists of the construction of bike lanes and sidewalks along Morreene Road (SR 1317) from Neal Road to SR 1320 (Erwin Road) in Durham. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed 80% (\$2,568,000) from STPDA funds and 80% (\$2,331,000) from CMAQ funds. The Municipality will be responsible for providing 20% (\$642,000) matching funds for STPDA and 20% (\$582,750) matching funds for CMAQ and all costs that exceed the total estimated cost of \$6,123,750.

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

This Project consists of the construction improvements to SR 1930 (Stadium Drive), US 1 to SR 1954 (North Wingate Street) in Wake Forest. This Supplemental Agreement is to include the Right of Way and Construction Phase to the Project. The Department shall participate in cost not to exceed 80% (\$3,328,000) from STPDA funds. The Municipality is responsible for the 20% (\$832,000) matching funds and all costs that exceed the total estimated cost.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 5, con't.

NC Department of Environment
and Natural Resources
Division of State Parks
Wake County
B-3259
32964.3

This Agreement is to convey maintenance responsibilities to the NC Division of State Parks for a bridge located in Umstead Forest.

City of Durham
Durham County
U-4727
37705.1.3

This Project consists of a planning study for the Duke Belt Line Trail. The Municipality has received a TIGER Planning Grant to complete this study. The Department will provide oversight for the project and will provide reimbursement of the federal funds, up to \$222,700. The Municipality shall provide a non-federal match of \$75,000 and all costs that exceed the total estimated project cost of \$297,700.

Town of Morrisville
Wake County
Y-5500EA
80000.2.3.11

This Rail Agreement consists of the design and installation needed for the modification of the crossing signals at the at-grade crossing on McCrimmon Parkway (SR 1635, Crossing No. 734 750N, milepost H 67.02) in order to accommodate a future McCrimmon Parkway roadway extension, grade separation, and improvements. The Municipality shall prepare the design and coordinate the installation of the signals with Norfolk Southern Railway Company. The Department shall participate in the cost of the project in a lump sum amount of \$350,000. The estimated cost of the project is \$500,000.

Walker CST, LLC (Landlord)
National Railroad Passenger
Corporation (Tenant)
Durham County

The Department, the Landlord, and the Tenant entered into a Rail Agreement on May 13, 2008, for the lease of "Bay Three" in the building commonly known as the Walker Warehouse located in West Village, 601 West Main Street, Durham. Said lease was for a seven (7) year period with a renewal option for two (2) additional periods, each consisting of five (5) year terms. The Department proposes to exercise one five (5) year option to extend the terms of the Agreement. Upon approval by the Board, the Department shall provide the Landlord with written notification of its intent and, upon approval of the extension, said timeframe shall be referred to as "Renewal Term". All the terms and conditions of the current Agreement shall continue in full force with the exception that the Fixed Rent for each lease year shall increase by an amount equal to two and three quarters percent (2.75%) of the Fixed Rent for the immediately preceding lease year. Therefore, the annual payment in the last year of the current lease is \$213,408.71, and the annual payment in the last year of the option period is \$244,411.30.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 5, con't.

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

This Rail Agreement consists of the construction and maintenance of a grade separation of an existing at-grade crossing at West Martin Street (Crossing No. 715 352H, milepost Main 347.02) and the construction and maintenance of a grade separation at West Street driveway (Crossing No. 715 352H, milepost Main 347.02) under the East Leg of the Boylan Wye; the closure of the at-grade crossing at West Martin Street; and the railroad bridges, roadway, drainage improvements, and track work associated with the project. The Municipality shall perform all of the construction work and shall be responsible for the cost to maintain the improvements. CSXT will review the engineering plans and inspect the construction for compliance. The Department is party to the agreement as the owner of a portion of the East Leg of the Boylan Wye.

Division 6

CSX Transportation, Inc. (CSXT)
Town of Pembroke
Robeson County
P-4900A
41099

This Rail Agreement consists of the maintenance responsibilities for the aesthetic treatment on the railroad bridge over Union Chapel Road being built as part of the Pembroke Connector Project. The Municipality, at no expense to the Department, shall be responsible for the bridge maintenance activities once the construction of the bridge has been completed. The Department shall construct the bridge via a separate agreement. The Municipality shall reimburse CSXT for flagging and any other necessary activities required for the performance of the maintenance activities.

Red Springs & Northern
Foundation, Inc. (RSNR)
Robeson County
Z-5400ZY
80000.2.3.2

This Rail Agreement consists of the installation of "YIELD" or "STOP" signs at various public at-grade crossings along RSNR's rail line in order to be compliant with the Federal Highway Administration's Manual on Uniform Traffic Control Devices (MUTCD). The Department shall furnish RSNR with signs, posts, and installation hardware. RSNR shall perform the installation of the signs. The Department shall reimburse RSNR a lump sum amount of \$100 per crossing site location. The estimated cost of the project is \$2,500.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 6, con't.

City of Fayetteville
Cumberland County
U-5742
50164.1.R1
50164.3.R1

This Project consists of the modernization/rehabilitation and expansion of the Municipality's computerized traffic signal system with new state-of-the-art equipment. The Department will construct and install the system. The estimated total Project cost is \$5,000,000. The Department will participate in an amount up to \$4,870,000. The Municipality will reimburse the Department up to \$130,000 upon completion of the Project. Any costs that exceed the \$5,000,000 will be shared by the Department and the Municipality at the pro-rata cost shares as described in the Agreement.

Campbell University
Harnett County
W-5206 AG
45336.3.FR33

This Project consists of the construction of a pedestrian tunnel under US 421 on the campus of Campbell University in Harnett County. This supplemental agreement increases the University's participation in the construction cost of the project an additional \$300,000, for a total of \$600,000.

Division 8

City of Archdale
Randolph County
3608.3.09

This Project consists of construction of concrete sidewalk along US 311 (North Main Street) in Archdale, Randolph County. This Supplemental Agreement provides that the Department shall be responsible for project construction and contract administration. Upon completion of the Project, the Department will invoice the Municipality for any costs that exceed \$26,850.

Division 9

County of Forsyth
U-2579WM
34839.4.FS2

This Agreement is to fund extra personnel at the City View Fire Department to mitigate the temporary closure of construction in conjunction with TIP U-2579WM. The Fire Department will need extra personnel at the fire station beyond normal working hours and this will require overtime pay for additional staffing, estimated at \$165.00 per day. The Department shall participate in the actual overtime costs up to a maximum amount of \$30,000. The projected time frame for the temporary closure is six months.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 10

City of Kannapolis
Cabarrus County
I-3802
36780.3.FS1

This Project consists of improvements on I-85 from NC 73 to Lane Street in Kannapolis. This Supplemental Agreement is for the Department to provide design and cost estimates for additional aesthetic improvements requested by the Municipality. The Municipality shall provide \$9,775 upon execution of this Agreement for the design phase.

City of Concord
Cabarrus County
I-3802
36780.3.FS1

This Project consists of improvements on I-85 from NC 73 to Lane Street in Kannapolis. This Supplemental Agreement is for the Department to provide design and cost estimates for additional aesthetic improvements requested by the Municipality. The Municipality shall provide \$9,775 upon execution of this Agreement for the design phase.

City of Charlotte
Mecklenburg County
B-4779
38550.3.FR1

This Project consists of signal modifications at the intersection of US 29 and Mallard Creek Church Road (SR 2833) and the installation of a mid-block pedestrian beacon in conjunction with Project B-4779. The Department shall reimburse the Municipality for its estimated costs in the project in an amount not to exceed \$58,924.

City of Charlotte
Mecklenburg County
44296

This Project consists of the relocation of traffic signal equipment at the intersection of NC 160 (Steele Creek Road) and SR 1143 (Brown-Grier Road) in Charlotte to accommodate the construction of a right-turn lane on westbound Brown-Grier Road. The Department shall reimburse the Municipality for its estimated costs in the project in an amount not to exceed \$35,500.

Charlotte Mecklenburg Utilities
Mecklenburg County
U-5008
41141.3.D1

This Project consists of a grade separation on SR 2975 (East Sugar Creek Road) over NS/NCRR Crossing No. 715 352H. At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and relocate the water and sewer lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated cost to the Agency is \$950,000.

Town of Indian Trail
Union County
W-5210N
45340.3.FD14

This Project consists of the installation of a roundabout at the intersection of Rocky River Road (SR 1514) and Poplin Road (SR 1508) in Union County. The Department is responsible for all phases of work. The Municipality shall participate in the total Project costs up to a maximum of \$200,000. The estimated construction cost is \$475,000.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 10, con't.

City of Charlotte
Mecklenburg County
Z-5400JF
43600.1.FD52

This Rail Agreement consists of the installation of automatic warning devices and upgrades to approaches at the CSX Transportation, Inc. (CSXT) municipal at-grade crossing on Rozzelles Ferry Road (Crossing No. 631-797X). The Department shall arrange for CSXT to prepare plans and to perform the installation of the automatic warning devices pursuant to a Master Agreement. The Municipality shall prepare any necessary plans and perform work associated with the roadway approaches. CSXT shall be responsible for all maintenance of the warning devices. The Municipality shall be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the project, (2) 100% of any cost not reimbursed by FHWA, and (3) 50% of CSXT's cost of maintenance of the warning devices pursuant to GS 160A-298(c). The estimated cost of the work is \$250,000.

Division 12

Norfolk Southern Railway
Company (NS)
Town of Mooresville
Iredell County

This Rail Agreement consists of the Municipality's project to install a turn lane on NC 150 and widening of a NS at-grade crossing (Crossing No. 721 671P, milepost O 29.59). This is a municipal project on the State's primary road system. All work shall be done at no expense to the Department.

Norfolk Southern Railway
Company (NS)
Town of Mooresville
P-3309R
33268

This Rail Agreement Consists of a Traffic Separation Study (TSS) within the Municipality along the NS corridor from Langtree Road (SR 1102, Crossing No. 721700X, milepost O 25.07) to Mazeppa Road (SR 2395, Crossing No. 721665L, milepost O 30.61). The Department shall be responsible for the study in partnership with the Municipality and NS. NS shall reimburse the Department 10% of the cost of the study (estimated to be \$15,000), and the Municipality shall reimburse the Department 40% towards the study cost (estimated to be \$60,000). The Department will contribute 50% of the study cost, estimated to be \$75,000. All parties will make a best effort to implement the recommendations of the study.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 13

Land of Sky Regional Council
Buncombe County
U-5616
39225.1.2
39225.1.25

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

Division 14

Swain County
R-5529
50067.3.1

This Project consists of the construction of a helipad and access road in Swain County funded by Federal Lands Access Program (FLAP) funds. The Department is responsible for all phases of work. This Agreement is to allow the Department to bill the County for the non-federal match (\$11,400) for the federal funding and all costs that exceed the total estimated cost and to identify maintenance responsibilities of the County.

Blue Ridge Southern Railroad,
LLC (BLU)
Henderson County
R-2507C
45393

This Rail Agreement consists of BLU material cost to improve and widen the at-grade crossing on Howard Gap Road (SR 1006, Crossing No. 720 642B, milepost W11.61). The work shall include the removal of the existing crossing surface and the installation of a concrete panel crossing in order to accommodate the proposed roadway widening and sidewalk. The Department shall be responsible for all material costs incurred by BLU. The estimated cost of the work is \$50,000.

NCDOT July 9, 2015 Board of Transportation Agenda

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

Division 1

Town of Nags Head
Dare County
43832

The Agreement consists of the extension of the timeframe for the reimbursement of the Project to extend the Red Drum Ocean Outfall at milepost 10.45. The Municipality will reimburse the Department, at a rate of fifty percent (50%), for remaining work up to \$250,000, of the actual cost of all work performed by the Department.

Dare County
NC Wildlife Resources
Commission
Dare County
44226

This Supplemental Agreement is to add the NC Wildlife Resources Commission as a party to the Agreement for the Project to construct a gravel and elevated wooden trail extending from the NC Department of Transportation Roanoke Island Rest Area to SR 1188 (Toler Road), as they are the property owner of the project location. All other responsibilities, per the original agreement, remain unchanged.

Division 2

Town of Snow Hill
Greene County

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

Division 3

The HT210, LLC
Pender County
36249.3494

This Project consists of a signal review and inspection for a signal installation at NC 210 and Alston Boulevard for the Surf City Retail Development. The Developer shall reimburse the Department 100% of the actual cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 4

Stallings Oil
Nash County
36249.3495

This Project consists of a modification to the existing signal at the intersection of NC 58 and Evans Drive in the Town of Nashville. The Developer shall reimburse the Department 100% of the actual cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

City of Wilson
Wilson County
43077.3.1

This Project consists of landscape plantings in the raised median areas of US 264A (Raleigh Road) from east of SR 1165 (Forest Hills Road) to east of SR 1321 (Airport Boulevard.).The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Town of Benson
Johnston County
3704.3.65

This Project consists of new landscape plantings at the I-95/NC 50 interchange (I-95 Exit 79), the intersection of NC 50/NC 27 and the I-40/NC 242 interchange (I-40 Exit 325). These locations are referenced in approved project plans under WBS 3704.3.65. The Municipality shall also maintain existing plantings at the I-40/NC 242 interchange. Additionally the Municipality shall continue to maintain existing plantings at the I-95/NC 50 interchange. The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Division 5

HH Trinity Apex Investments,
LLC
Wake County
R-2635 A, B & D
35520.1.FS3
35520.5.TA2
35520.3.S5

This Agreement provides for HH Trinity Apex Investments' to contribute to the right of way and construction cost of STIP Project R-2635 D, Triangle Expressway Interchange with SR 1153. This Supplemental Agreement is to provide revised Exhibit B and B1 plans for the Project.

Alston TC I, LLC
Wake County
36249.3503

This Project consists of the new traffic signal installation at NC 55 at Mahal Drive in Cary. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost is \$5,000.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 5, con't.

Lennar Homes
Wake County
36249.3504

This Project consists of the traffic signal upgrade at Bass Lake Road at Holly Springs Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost is \$5,000.

Town of Apex
Wake County
36249.3505

This Project consists of the review of the Town's design and NEPA documentation for the Apex Peakway Southwest Connector. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of the work performed by the Department. The estimated cost is \$10,000.

Division 8

City of Asheboro
Randolph County
36249.3497

This Agreement is to provide de-icing salt to the Municipality for the safe and efficient utilization of transportation systems in the City of Asheboro. The Municipality shall reimburse the Department 100% of the actual cost of the de-icing salt. The estimated reimbursement to the Department is \$105.95 per ton.

Town of Mount Gilead
Montgomery County
3608.3.10

This Project consists of construction of concrete sidewalk along NC 73 (North Main Street) in Mount Gilead. This Supplemental Agreement is to establish that the Department shall be responsible for project construction and contract administration.

Division 9

Stokes County
2300001565

This Project is for installation of a Sanitary Sewer/Water line on NCDOT property at 2485 Highway NC 8/89 in Stokes County. This Supplemental Agreement is to extend the completion date to October 7, 2015 in lieu of July 22, 2015.

Division 10

Town of Harrisburg
Cabarrus County
36249.3502

This Project consists of the installation of a coordinated traffic signal at the intersection of NC 49 and Cedar Drive (municipal street) in Harrisburg. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost of the review and inspection work performed by the Department. The estimated reimbursement is \$5,000.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 10, con't.

Town of Cornelius
Mecklenburg County
36249.3496

This Project consists of the proposed installation of an interchange on I-77 at Westmoreland Road (SR 2147) in Cornelius. The Municipality will reimburse the Department for administrative costs for review of an Interchange Access Report, environmental documents and Project preliminary design. If the Municipality decides to proceed with right of way acquisition, utility relocations, and construction, a supplemental agreement will be required before Department participation. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost for work performed by the Department. The estimated reimbursement is \$25,000.

Goode Development
Corporation
Mecklenburg County
34749.3.GV4

This Project consists of the installation of one additional left-turn lane on the eastbound US 74 Ramp at Idlewild Road and modifications to the pavement marking on the approaches of US 74/Conference Drive at Idlewild Road. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of modifications and construction work. The estimated reimbursement is \$58,279.92.

RiverOaks Land, LLC
Cabarrus County
40373.3.F2

The Project consists of widening on Derita Road (SR 1445) for right-turn lanes, curb and gutter, sidewalk, traffic signalization and other related improvements required for the RiverOaks Business Park development in Concord. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost for improvements and construction work. The estimated reimbursement is \$325,500.00

Division 11

Town of Wilkesboro
Wilkes County
36249.3506

This Project consists of furnishing and installing signs for "2015 Women's 2A Basketball State Champions" on existing directional signs on NC 16/18 at Moravian Falls Road in Wilkesboro. The Municipality 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 \$885.

Division 12

Town of Mooresville
Iredell County
3712.3.11

This Project consists of maintaining the landscape improvements in the quadrants at Exit 33, 35, and 36, US 21, Brawley School Road, and NC 150 along I-77 in Mooresville. The Municipality shall assume responsibility for all maintenance and replacement of the landscape materials.

NCDOT July 9, 2015 Board of Transportation Agenda

Division 12, con't.

Wal-Mart Real Estate Business
Trust
Iredell County
36249.3499

This Project consists of review and inspection for signal installations on NC 3 (East Iredell Avenue) at Culp Street and NC 3 (East Iredell Avenue at Harris Crossing Boulevard/East Center Street) in Mooresville, Iredell County. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of all work performed by the Department. The estimated cost is \$10,000.

Division 13

Mars Hill University
Madison County
36249.3500

This Project consists of the relocation of a traffic signal cabinet related to the construction of a new building on the corner of Main Street and College Street in Mars Hill, NC. The University shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$25,000.

Division 14

Macon County
36249.3501

This Project consists of placing double mat and seal asphalt surface treatment on the entrance drive, parking areas and greenway of the Parker Meadows Recreation Facility in Macon County. The County shall reimburse the Department 100% of the cost of work. The estimated cost of the work is \$120,000.

Cullowhee River Club
Jackson County
36249.3498

The Project consists of review of an actuated flasher plans for the proposed intersection of SR 1002 Old Cullowhee Road and the Cullowhee River Club access drive. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of all work performed by the Department, The estimated cost is \$5,000.

NCDOT July 2015 Board of Transportation Agenda

Approval of Municipal Street System Changes

Deletions from the State Highway System

BOT approval of the following will be retroactive to June 30, 2015.

Division	County	Municipality	Road	Termini	Length
10	Union 2015_07_M001	Stallings	SR 1401	To delete (SR 1401) Community Park Drive	0.23
			SR 1419	To delete (SR 1419) East Circle	0.18
			SR 1420	To delete (SR 1420) Community Park Drive	0.04
			SR 1422	To delete (SR 1422) West Circle	0.07
			SR 1437	To delete (SR 1437) Fairforest Drive	0.35
			SR 1438	To delete (SR 1438) Stonehedge Drive	0.13
			SR 2305	To delete (SR 2305) Gold Crest Drive	0.63
			SR 2306	To delete (SR 2306) Deepwood Place	0.66
			SR 2307	To delete (SR 2307) Shaftwood Place	0.27
			SR 2395	To delete (SR 2395) Stallingswood Road	0.25
			SR 2396	To delete (SR 2396) Scarlet Street	0.26
			SR 2397	To delete (SR 2397) Carolyn Lane	0.10
			SR 2417	To delete (SR 2417) Gold Dust Lane	0.06
			SR 2474	To delete (SR 2474) Eaglecrest Drive	0.21
			SR 2475	To delete (SR 2475) Falcons Ridge	0.11

Deletions from the State Highway System

BOT approval of the following will be retroactive to June 30, 2015.

Division	County	Municipality	Road	Termini	Length
10	Union 2015_07_M001	Stallings	SR 2476	To delete (SR 2476) Hawksnest Court	0.05
			SR 3081	To delete (SR 3081) Lawrence Daniel Drive	0.59
			SR 3082	To delete (SR 3082) Stevens Schultz Lane	0.07
			SR 3083	To delete (SR 3083) Creek Court	0.02
			SR 3084	To delete (SR 3084) Brook Path Lane	0.04
			SR 3712	To delete (SR 3712) Cobblers Drive	0.09
			SR 3713	To delete (SR 3713) Butternut Lane	0.21
11	Wilkes 2015_07_M001	North Wilkesboro	SR 2611	To delete (SR 2611) Industrial Park Drive	0.50

NCDOT July 2015 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1
2	Final Right of Way Plans	R-2
3	Revisions of Final Right of Way Plans	R-3 & R-4
4	Approval of Conveyance of Highway Right of Way Residues	R - 5
5	Approval of Conveyance of Surplus Highway Right of Way	R - 6
6	Approval of Easement from Federal to State Governmental Agency	R - 7

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 7)

Guilford County; I.D. No. U-5306B; Project No. 47026.2.3:

Greensboro – US 220 (Battleground Avenue) intersection with West Ridge Road

(Division 10)

Cabarrus County; I.D. No. U-3440; Project No. 39010.2.2:

Kannapolis – NC 3, Proposed West Side Bypass (U-2900) to SR 1691 (Loop Road)

(Division 12)

Gaston County; I.D. No. B-4751; Project No. 38523.2.3:

Bridge No. 203 over Stanley Creek on SR 1935

Final Right of Way Plans

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

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

(Division 5)

Project No. 34915.2.1; Durham County; I.D. No. U-3308:

Grading, track work, paving, drainage, sidewalks, curb and gutter, retaining walls, signals and structures in Durham – NC 55 (Alston Ave) from NC 147 (Buck Dean Freeway) to North of US 70 Bus/NC 98 (Holloway St) with the right of way indicated upon the final plans for said project.

(Division 6)

Project No. 44102.2.FS1; Cumberland County; I.D. No. W-5514:

Grading, drainage, paving, signals and bridge preservation on SR 1007 (Owen Drive) from Walter Reed Road to US 301/Business 95 with the right of way indicated upon the final plans for said project.

(Division 10)

Project No. 57500.2.FRA01; Mecklenburg County; I.D. No. U-5008:

Grading, drainage, paving, walls and structure on SR 2975 (East Sugar Creek Road) over NS/NCRR Crossing No. 715 352H – Grade Separation with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 42974.2.1; Jackson County; I.D. No. R-5206:

Grading, drainage, paving and walls on SR 1449 (Cope Creek Road) from SR 1710 (East Cope Creek Road) to US 23/74 with the right of way indicated upon the final plans for said project.

FINAL RIGHT OF WAY PLANS

4 PROJECT(S)

\$0.00

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. 34953.2.2; I.D. No. U-3462; Brunswick County:**

Final Right of Way plans approved on the minutes of the March 5, 2009 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 9 as presented at the July 8, 2015 Board of Transportation Meeting.

Project No. 34416.2.5; I.D. No. R-2303D; Sampson County:

Final Right of Way plans approved on the minutes of the September 5, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 36 as presented at the July 8, 2015 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) 19 as presented at the July 8, 2015 Board of Transportation Meeting.

Revisions of the Final Right of Way Plans (Continued)

(Division 12)

Project No. 34497.2.8; I.D. No. R-2707B; Cleveland County:

Final Right of Way plans approved on the minutes of the May 1, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 5 as presented at the July 8, 2015 Board of Transportation Meeting.

Approval of conveyance of Highway Right of Way Residues

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

(Division 5)

Project 8.1402106, Parcel R-2425B 065, US 401 from Raleigh South of SR 2041 (Spring Forest Road) to South of Northern Wake Expressway

Wake County

Conveyance of an approximate 0.093-acre, landlocked residue area to Yathrib Oasis, LLC, the only interested adjacent owner, for the appraised value of \$750.00.

Project 39942.5.TA1, Parcel U-4763B 060, NC 147 (Triangle Expressway) and SR 1978 (Hopson Road)

Durham County

Conveyance of an approximate 0.982-acre residue area to Craig Davis Properties Inc. for the high bid of 265,000.00.

(Division 7)

Project 6.498008T, Parcels I-2402AA 136, 137, and 138, I-85 (Greensboro Bypass) from I-85 South of Greensboro to West of SR 3300 (Elm-Eugene Street)

Guilford County

Conveyance of an approximate 3.615-acre residue area to Sara Routh for the high bid amount of \$8,000.00.

CONVEYANCE ROW RESIDUE

3 PROJECT(S)

\$273,750.00

Approval of conveyance of Surplus Highway Right of Way

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

(Division 5)

**Project 33819.2.1, Parcel B-4656 004, Bridge 492 over SR 1012 (Western Boulevard) on SR 1011 (Hillsborough Street)
Wake County**

Conveyance of an approximate 0.105-acre surplus right of way area to Christ First Christian Fellowship Center (CFCFC), Inc. for the appraised value of \$37,650.00.

(Division 7)

**Project 8.15359, Parcel 005, Alleyway between Market Street and Friendly Avenue in Greensboro
Guilford County**

Conveyance of an approximate 0.151-acre surplus right of way area to Thomas Blake and wife, Venaway Blake for no monetary consideration.

(Division 11)

**Project 9.8110419, Parcel U-214A 060, US 321 (Blowing Rock Road) near NC 105 in Boone
Watauga County**

Abandonment of an approximate 0.009-acre permanent drainage easement area to The Standard at Boone, LLC for no monetary consideration.

CONVEYANCE OF SURPLUS HWY RIGHT OF WAY 3 PROJECT(S) \$37,650.00

Approval of easement from Federal to State Governmental Agency

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

(Division 1)

Project 32635.2.5; TIP No. B-2500

Dare County

In support of the adjusted easement anticipated for the construction of the replacement of the Herbert C. Bonner Bridge, staff recommends approval of the Highway Easement Deed between the United States Department of the Interior – National Park Service and the North Carolina Department of Transportation, which reflects a new easement from the Cape Hatteras National Seashore of approximately 31.6 Acres and a reversion of existing NCDOT easement to the Cape Hatteras National Seashore of approximately 28.8 Acres.

APPROVAL OF EASEMENT FROM FED TO STATE AGENCY 1 PROJECT \$0.00

R-ITEM SUMMARY 18 PROJECT(S) TOTAL: \$311,400.00

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2014 - 2015**

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

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

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

RESOLUTION FOR BLUE STAR MEMORIAL HIGHWAY

WHEREAS, the Blue Star Memorial Highways is an expansive system of over 1,300 miles of highway that pay tribute to those who serve in the Armed Forces of the United States of America; and

WHEREAS, the Blue Star Memorial Highways honor all men and women who have defended, are currently defending, or who will defend the United States; and

WHEREAS, the Yadkin County Board of Commissioners has requested the North Carolina Department of Transportation add US 421 in Yadkin County to the Blue Star Memorial network; and

WHEREAS, the Town of Yadkinville has requested the North Carolina Department of Transportation add US 421 in the Town of Yadkinville corporate limits to the Blue Star Memorial Highways network; and

WHEREAS, the addition of US 421 in Yadkin County to the Blue Star Memorial Highway Network fills a gap in the Blue Star network.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names US 421 in Yadkin County a *Blue Star Memorial Highway*.

That appropriate signs be erected at a suitable time.

Adopted, this the ninth day of July 2015 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

BOARD OF TRANSPORTATION APPROVALS - PRIORITIZATION 4.0
SCORING CRITERIA, WEIGHTS, AND NORMALIZATION FOR ALL MODES
(WITH CRITERIA DEFINITIONS)

JULY 9, 2015

Objective: The Board of Transportation approves the following P4.0 Workgroup recommendations resulting from the Strategic Transportation Investments Law.

Highway Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility	<p>Benefit/Cost = 25%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT. <p>Congestion = 30%</p> <ul style="list-style-type: none"> Measurement of the Peak ADT traffic volume on the roadway compared to the existing capacity of the roadway, weighted by the total traffic volume along the roadway. <p>Economic Competitiveness = 10%</p> <ul style="list-style-type: none"> Measurement of the estimated number of long-term jobs and the % change in economic activity within the county that the project is expected to provide over 10 years. <p>Safety = 15%</p> <ul style="list-style-type: none"> Measurement of the number, severity, and frequency of crashes along the roadway. <p>Multimodal [+ Military] = 5%</p> <ul style="list-style-type: none"> Measurement of congestion along routes that provide connections to multimodal passenger terminals. <p>Freight [+ Military] = 15%</p> <ul style="list-style-type: none"> Measurement of congestion along routes that provide connections to freight intermodal terminals and routes that have high truck volumes. <p>Total = 100%</p>	--	--
Regional Impact	<p>Benefit/Cost = 20%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT. <p>Congestion = 20%</p> <ul style="list-style-type: none"> Measurement of the Peak ADT traffic volume on the roadway compared to the existing capacity of the roadway, weighted by the total traffic volume along the roadway. <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the number, severity, and frequency of crashes along the roadway. <p>Accessibility/Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of county economic distress indicators and whether the project upgrades how the roadway functions. Goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network. <p>Freight [+ Military] = 10%</p> <ul style="list-style-type: none"> Measurement of congestion along routes that provide connections to freight intermodal terminals and routes that have high truck volumes. <p>Total = 70%</p>	15%	15%

Division Needs	<p>Benefit/Cost = 15%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT. <p>Congestion = 15%</p> <ul style="list-style-type: none"> Measurement of the Peak ADT traffic volume on the roadway compared to the existing capacity of the roadway. <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the number, severity, and frequency of crashes along the roadway. <p>Freight [+ Military] = 5%</p> <ul style="list-style-type: none"> Measurement of congestion along routes that provide connections to freight intermodal terminals and routes that have high truck volumes. <p>Accessibility/Connectivity = 5 %</p> <ul style="list-style-type: none"> Measurement of county economic distress indicators and whether the project upgrades how the roadway functions. Goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network. <p>Total = 50%</p>	<p>25%</p>	<p>25%</p>
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Note: Divisions ___ have approved different criteria and weights for their respective areas

Aviation Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility	<p>NCDOA Project Rating = 40%</p> <ul style="list-style-type: none"> Assigns point values based on priority and need of the project. Projects are prioritized and classified within NC Division of Aviation (NCDOA) established project categories from the NC Airports System Plan. <p>FAA ACIP Rating = 10%</p> <ul style="list-style-type: none"> Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP) Rating. Ratings based on critical airport development and capital needs within National Airspace System (NAS). <p>Non-State Contribution Index = 30%</p> <ul style="list-style-type: none"> Measurement of the project's Highway Trust funds compared to all other sources of project funding. Provides greater points for projects with a higher % of non-Highway Trust funding sources (i.e. local, federal, other state grants, or public-private funds). <p>Benefit/Cost = 20%</p> <ul style="list-style-type: none"> Measurement of the project's total economic contribution to the area. Includes the number of IFR (Instrument Flight Rules) operations, NCDOA project rating, and project cost. <p>Total = 100%</p>	<p>--</p>	<p>--</p>
Regional Impact	<p>NCDOA Project Rating = 30%</p> <ul style="list-style-type: none"> Assigns point values based on priority and need of the project. Projects are prioritized and classified within NC Division of Aviation (NCDOA) established project categories from the NC Airports System Plan. <p>FAA ACIP Rating = 5%</p> <ul style="list-style-type: none"> Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP) Rating. Ratings based on critical airport development and capital needs within National Airspace System (NAS). <p>Non-State Contribution Index = 20%</p> <ul style="list-style-type: none"> Measurement of the project's Highway Trust funds compared to all other sources of project funding. Provides greater points for projects with a higher % of non-Highway Trust funding sources (i.e. local, federal, other state grants, or public-private funds). <p>Benefit/Cost = 15%</p> <ul style="list-style-type: none"> Measurement of the project's total economic contribution to the area. Includes the number of IFR (Instrument Flight Rules) operations, NCDOA project rating, and project cost. <p>Total = 70%</p>	<p>15%</p>	<p>15%</p>

Division Needs	<p>NCDOA Project Rating = 25%</p> <ul style="list-style-type: none"> Assigns point values based on priority and need of the project. Projects are prioritized and classified within NC Division of Aviation (NCDOA) established project categories from the NC Airports System Plan. <p>FAA ACIP Rating = 10%</p> <ul style="list-style-type: none"> Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP) Rating. Ratings based on critical airport development and capital needs within National Airspace System (NAS). <p>Non-State Contribution Index = 5%</p> <ul style="list-style-type: none"> Measurement of the project's Highway Trust funds compared to all other sources of project funding. Provides greater points for projects with a higher % of non-Highway Trust funding sources (i.e. local, federal, other state grants, or public-private funds). <p>Benefit/Cost = 10%</p> <ul style="list-style-type: none"> Measurement of the project's total economic contribution to the area. Includes the number of IFR (Instrument Flight Rules) operations, NCDOA project rating, and project cost. <p>Total = 50%</p>	<p>25%</p>	<p>25%</p>
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Bicycle & Pedestrian Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Division Needs	<p>Safety = 15%</p> <ul style="list-style-type: none"> Measurement of number of bicycle and/or pedestrian crashes, speed limit, and safety benefits to determine adequacy of safety for users of the project. <p>Access = 10%</p> <ul style="list-style-type: none"> Measurement of the quantity and significance of destinations associated with the project as well as the distance to the primary destination. Measures benefit to the community as a result of constructing the project. <p>Demand = 10%</p> <ul style="list-style-type: none"> Measurement of the density of population and employment within a walkable or bike-able distance of the project. Measures user benefit as a result of constructing the project. <p>Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of the degree of bike/ped separation from the roadway, ADA compliance, and connectivity to a similar or better project type. <p>Cost Effectiveness = 5%</p> <ul style="list-style-type: none"> Measurement of combined user benefits of Safety, Access, Demand, and Connectivity criteria compared to the cost of the project to NCDOT. <p>Total = 50%</p>	<p>25%</p>	<p>25%</p>

Ferry Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Asset Condition = 15%</p> <ul style="list-style-type: none"> Measurement of the condition rating of the asset. <p>Benefits = 10%</p> <ul style="list-style-type: none"> Measurement of the project benefits based on the monetized value of the number of hours saved by utilizing the ferry route instead of taking the shortest alternative route. <p>Accessibility/Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of the accessibility and connectivity provided by the route to jobs, services, and other points of interest. Measured by the number of points of interest within pre-determined circles of 10, 20, & 30 miles. <p>Asset Efficiency = 15%</p> <ul style="list-style-type: none"> Measurement of the cost effectiveness of continued maintenance of the asset compared to replacement of the asset. <p>Capacity/Congestion = 20%</p> <ul style="list-style-type: none"> Measurement of the number of vehicles left behind at each departure compared to the total number of vehicles loaded and carried by the route in a year. <p>Total = 70%</p>	15%	15%
Division Needs	<p>Asset Condition = 15%</p> <ul style="list-style-type: none"> Measurement of the condition rating of the asset. <p>Benefits = 10%</p> <ul style="list-style-type: none"> Measurement of the project benefits based on the monetized value of the number of hours saved by utilizing the ferry route instead of taking the shortest alternative route. <p>Accessibility/Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of the accessibility and connectivity provided by the route to jobs, services, and other points of interest. Measured by the number of points of interest within pre-determined circles of 10, 20, & 30 miles. <p>Asset Efficiency = 15%</p> <ul style="list-style-type: none"> Measurement of the cost effectiveness of continued maintenance of the asset compared to replacement of the asset. <p>Total = 50%</p>	25%	25%

Public Transit Scoring (Vehicle)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Access = 10%</p> <ul style="list-style-type: none"> Measurement of the reported annual hours of operation compared to the number of vehicles in the fleet. <p>System Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the reported annual miles compared to the 3 year average of reported incidents. <p>Impact = 20%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the number of existing passenger trips. <p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of the total projected passenger trips compared to the cost of the project to the state. <p>Market Share = 10%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Total = 70%</p>	15%	15%

Division Needs	<p>Access = 5%</p> <ul style="list-style-type: none"> Measurement of the reported annual hours of operation compared to the number of vehicles in the fleet. <p>System Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the reported annual miles compared to the 3 year average of reported incidents. <p>Impact = 15%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the number of existing passenger trips. <p>Cost Effectiveness = 15%</p> <ul style="list-style-type: none"> Measurement of the total projected passenger trips compared to the cost of the project to the state. <p>Market Share = 5%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Total = 50%</p>	25%	25%
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Public Transit Scoring (Passenger Facility)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Impact = 20% (Expansion projects only)</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the number of existing passenger trips. <p style="text-align: center;">OR</p> <p>Age = 20% (Non-expansion projects)</p> <ul style="list-style-type: none"> Age of the facility divided by 45 years (considered the useful life). <p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of existing annual passenger trips compared to the cost of the project to the state. <p>Market Share = 15%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Ridership Growth = 15%</p> <ul style="list-style-type: none"> Growth trend of ridership over the past 5 years. <p>Total = 70%</p>	15%	15%
Division Needs	<p>Impact = 15% (Expansion projects only)</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the number of existing passenger trips. <p style="text-align: center;">OR</p> <p>Age = 15% (Non-expansion projects)</p> <ul style="list-style-type: none"> Age of the facility divided by 45 years (considered the useful life). <p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of existing annual passenger trips compared to the cost of the project to the state. <p>Market Share = 15%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Ridership Growth = 15%</p> <ul style="list-style-type: none"> Growth trend of ridership over the past 5 years. <p>Total = 50%</p>	25%	25%

Public Transit Scoring (Admin/Maintenance/Operations Facility)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Impact = 20% (Expansion projects only)</p> <ul style="list-style-type: none"> Measurement of the existing and additional capacity compared to the existing capacity. <p style="text-align: center;">OR</p> <p>Age = 20% (Non-expansion projects)</p> <ul style="list-style-type: none"> Age of the facility divided by 45 years (considered the useful life). <p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of existing annual passenger trips compared to the cost of the project to the state. <p>Market Share = 15%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Ridership Growth = 15%</p> <ul style="list-style-type: none"> Growth trend of ridership over the past 5 years. <p>Total = 70%</p>	15%	15%
Division Needs	<p>Impact = 15% (Expansion projects only)</p> <ul style="list-style-type: none"> Measurement of the existing and additional capacity compared to the existing capacity. <p style="text-align: center;">OR</p> <p>Age = 15% (Non-expansion projects)</p> <ul style="list-style-type: none"> Age of the facility divided by 45 years (considered the useful life). <p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of existing annual passenger trips compared to the cost of the project to the state. <p>Market Share = 15%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Ridership Growth = 15%</p> <ul style="list-style-type: none"> Growth trend of ridership over the past 5 years. <p>Total = 50%</p>	25%	25%

Public Transit Scoring (Fixed Guideway)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Mobility = 20%</p> <ul style="list-style-type: none"> Measurement of the projected annual trips. <p>Cost Effectiveness = 15%</p> <ul style="list-style-type: none"> Measurement of the cost per trip over the life of the project. <p>Economic Development = 20%</p> <ul style="list-style-type: none"> Measurement of the projected new employment and population growth in the fixed guideway corridor over 20 years. <p>Congestion Relief = 15%</p> <ul style="list-style-type: none"> Measurement of the projected travel time savings to a passenger over 30 years. <p>Total = 70%</p>	15%	15%
Division Needs	<p>Mobility = 15%</p> <ul style="list-style-type: none"> Measurement of the projected annual trips. <p>Cost Effectiveness = 15%</p> <ul style="list-style-type: none"> Measurement of the cost per trip over the life of the project. <p>Economic Development = 10%</p> <ul style="list-style-type: none"> Measurement of the projected new employment and population growth in the fixed guideway corridor over 20 years. <p>Congestion Relief = 10%</p> <ul style="list-style-type: none"> Measurement of the projected travel time savings to a passenger over 30 years. <p>Total = 50%</p>	25%	25%

Rail Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility (Class I Freight Only)	<p>Cost Effectiveness = 35%</p> <ul style="list-style-type: none"> Measurement of monetized benefits compared to the project cost to NCDOT, and the jobs created for the region. <p>System Health = 35%</p> <ul style="list-style-type: none"> Measurement of the volume to capacity ratio, and various measurements of accessibility and connectivity provided by the project via vicinity to points of interest, improvements to statewide rail networks, or employment density. <p>Safety and Suitability = 20%</p> <ul style="list-style-type: none"> Measurement of potentially hazardous rail crossings. <p>Project Support = 10%</p> <ul style="list-style-type: none"> Measurement of outside contributions to the project compared to the cost of the project to the state. <p>Total = 100%</p>	--	--
Regional Impact	<p>Cost Effectiveness = 25%</p> <ul style="list-style-type: none"> Measurement of monetized benefits compared to the project cost to NCDOT, and the jobs created for the region. <p>System Health = 20%</p> <ul style="list-style-type: none"> Measurement of the volume to capacity ratio, and various measurements of accessibility and connectivity provided by the project via vicinity to points of interest, improvements to statewide rail networks, or employment density. <p>Safety and Suitability = 15%</p> <ul style="list-style-type: none"> Measurement of potentially hazardous rail crossings. <p>Project Support = 10%</p> <ul style="list-style-type: none"> Measurement of outside contributions to the project compared to the cost of the project to the state. <p>Total = 70%</p>	15%	15%
Division Needs	<p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of monetized benefits compared to the project cost to NCDOT, and the jobs created for the region. <p>System Health = 10%</p> <ul style="list-style-type: none"> Measurement of the volume to capacity ratio, and various measurements of accessibility and connectivity provided by the project via vicinity to points of interest, improvements to statewide rail networks, or employment density. <p>Safety and Suitability = 10%</p> <ul style="list-style-type: none"> Measurement of potentially hazardous rail crossings. <p>Project Support = 10%</p> <ul style="list-style-type: none"> Measurement of outside contributions to the project compared to the cost of the project to the state. <p>Total = 50%</p>	25%	25%

Note: Passenger Rail only eligible for Regional Impact and Division Needs.

Normalization – BOT Approval

P4.0

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

Highways = 90% (minimum)

Non-Highways = 4% (minimum)

RESOLUTION FOR JIM “CATFISH” HUNTER

WHEREAS, James Augustus Hunter, known nationally as Jim “Catfish” Hunter, was born in Perquimans County on August 8, 1946, attended public school in Perquimans County, and played baseball for Perquimans County High School; and

WHEREAS, in 1964, Jim “Catfish” Hunter upon graduation from Perquimans County High School, was drafted by the Kansas City Athletics, later to become the Oakland “A’s”, to begin his professional baseball career in the American Baseball League; and

WHEREAS, Jim “Catfish” Hunter was an Outstanding Pitcher for the Kansas City Athletics, the Oakland Athletics and the New York Yankees, winning 224 games which includes a perfect game on May 8, 1968 against the Minnesota Twins while playing for the Oakland Athletics and winning five world series games for the Oakland Athletics and the New York Yankees; and

WHEREAS, Jim “Catfish” Hunter was the 1974 recipient of the Cy Young Award and was elected to the Baseball Hall of Fame in Cooperstown, New York on January 14, 1987; and

WHEREAS, Jim “Catfish” Hunter has been a good neighbor, a friend and significant inspiration for children and adults; and

WHEREAS, Jim “Catfish” Hunter, Jimmy, was always a favorite native son of Perquimans County until his death on September 9, 1999 from ALS; and

WHEREAS, the Perquimans County Board of Commissioners and the Hertford Town Council desire to honor his memory.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation remove the current designation from the bridge on Center Hill Highway (SR1110) to the bridge on the US 17 Bypass over Perquimans River in Perquimans County, naming it as the ***Jim “Catfish” Hunter Bridge***.

That appropriate signs be erected at a suitable time.

Adopted, this the ninth day of July 2015 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

DBE/MB/WB LETTING SUMMARY

Federal Contract Awards Summary

Oct 2014 let through Jun 2015 let

Federal Fiscal Year 2014/2015

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
		\$	%	\$	%	MB		WB	
	\$			\$		\$	%	\$	%
Monthly	12,719,951.87	1,074,776.14	8.4	1,102,702.30	8.7	0.00	0.0	1,102,702.30	8.7
FY to Date	588,303,812.83	65,993,754.31	11.2	67,736,249.76	11.5	9,911,430.41	1.7	57,824,828.70	9.8

State Contract Awards Summary

Jul 2014 let through Jun 2015 let

Close Out State Fiscal Year 2014/2015

	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
		\$	%	\$	%	\$	%	\$	%
Monthly	233,007,932.09	10,034,409.37	4.3	8,007,714.22	3.4	15,115,632.62	6.5	9,985,060.66	4.3
FY to Date	1,207,552,879.55	58,083,729.93	4.8	50,256,265.94	4.2	75,964,546.52	6.3	75,452,219.00	6.2

Letting Date(s): June 16, 26th, 2015

Award Date: July 9, 2015

Award Subject to Secretary's Approval

Contract Information	County	Work Description	Prime Contractor	ADVERTISED GOALS SET		PARTICIPATION SUBMITTED		GOOD FAITH EFFORT AWARDED		AWARDED BY SECRETARY	
								YES	NO	YES	NO
34442.3.S4 R-2514B, R-2514C C203591	JONES, ONSLOW	GRADING, DRAINAGE, PAVING, AND STRUCTURES..	CLUSTER PROJECT WITH PROJECTS C203592 AND C203697	N/A	N/A	N/A	N/A				
34442.3.S6 R-2514D C203592	CRAVEN, JONES	GRADING, DRAINAGE, PAVING, AND STRUCTURES.	CLUSTER PROJECT WITH PROJECTS C203591 AND C203697	N/A	N/A	N/A	N/A				
34442.3.S4, 34442.3.S6 R-2514B, R-2514C, R-2514D C203697	JONES, ONSLOW, CRAVEN	GRADING, DRAINAGE, PAVING, AND STRUCTURES.	BBI/EVW JV	6.0	6.0	3.0	3.3	X			X
5CR.10731.15, 5CR.20731.15 C203701	PERSON	WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	CAROLINA SUNROCK LLC	3.0	6.0	3.0	6.0				X
5CR.10921.57 C203706	WAKE	MILLING, RESURFACING, AND SHOULDER GRADING.	FSC II LLC DBA FRED SMITH COMPANY	4.0	5.0	4.0	5.0				X
6CR.10091.83, etc. C203699	BLADEN, COLUMBUS	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	BARNHILL CONTRACTING COMPANY	4.0	5.0	4.0	5.0				X
6CR.10431.83, etc. C203698	HARNETT, CUMBERLAND	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC.	5.0	6.0	5.0	6.0				X
6CR.10781.83, etc. C203695	ROBESON	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	BARNHILL CONTRACTING COMPANY	5.0	5.0	5.0	5.0				X
34429.3.S9 R-2413CA C203645	ROCKINGHAM	GRADING, DRAINAGE, PAVING, & STRUCTURE.	BRANCH HIGHWAYS, INC.	6.0	6.0	6.0	6.0				X
34820.3.FS29 NHF-0708(62) U-2524BC C203290	GUILFORD	GRADING, DRAINAGE, PAVING, AUX LANES, ITS & STRUCTURES.	FLATIRON CONSTRUCTORS, INC. BLYTHE DEVELOPMENT CO JV	11.0		11.0					X
7CR.10791.57, etc. C203708	ROCKINGHAM	MILLING & RESURFACING.	APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION	4.0	5.0	4.0	5.0				X
7CR.20011.48, etc. C203709	ALAMANCE, ORANGE	MILLING & RESURFACING.	CAROLINA SUNROCK LLC	4.0	6.0	4.0	6.0				X
42252.3.FR1 BRZ-1619(5) B-5114 C203589	RANDOLPH	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.	LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC.	8.0		8.0					X
8CR.10471.27, etc. C203710	HOKE, SCOTLAND	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	BARNHILL CONTRACTING COMPANY	4.0	6.0	4.0	6.0				X
8CR.10531.27, C203703	LEE	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	S. T. WOOTEN CORPORATION	4.0	5.0	1.6	5.0	X			X
8CR.10771.27, etc. C203705	RICHMOND	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	HUDSON PAVING, INC.	4.0	5.0	4.0	5.0				X
9CR.10801.160, etc. C203696	ROWAN	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION	2.0	5.0	2.0	5.0				X
9CR.10851.160, etc. C203700	STOKES	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	SHARPE BROTHERS A DIV OF VECELLIO & GROGAN, INC.	5.0	6.0	5.0	6.0				X
34410.3.S29 R-2248G C203590	MECKLENBURG	GRADING, DRAINAGE, AND PAVING.	BLYTHE DEVELOPMENT CO.	5.0	5.0	5.0	5.0				X
40096.3.FD1 BRSTP-1006(32) B-4972 C203588	CABARRUS	GRADING, DRAINAGE, PAVING AND STRUCTURE.	LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC.	5.0		5.0					X
10CR.10841.44, etc. C203704	STANLY, ANSON	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	J. T. RUSSELL & SONS, INC.	3.0	3.0	0.7	1.9	X			X

LETTING DATES: June 16, 26, 2015

AWARD DATE: July 9, 2015

Contract Information	County	Work Description	Prime Contractor	ADVERTISED GOALS SET		PARTICIPATION SUBMITTED		GOOD FAITH EFFORT AWARDED		AWARDED BY SECRETARY	
								YES	NO	YES	NO
10CR.20901.127, etc. C203707	UNION	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	LYNCHES RIVER CONTRACTING, INC.	5.0	2.0	5.0	2.0			X	
38068.3.R3 R-3622B C203648	CHEROKEE	GRADING, DRAINAGE, PAVING, AND STRUCTURES.	ADAMS CONTRACTING	3.0	7.0	3.0	7.0			X	
35520.3.S5 R-2635D C203635	Wake	DESIGN-BUILD	BLYTHE CONSTRUCTION, INC	6.0	6.0	3.5	6.0	X		X	



Communications Update

Mike Charbonneau
Deputy Secretary of Communications

July 8, 2015

Structure

- Communications
- Marketing
- Creative & Web Services

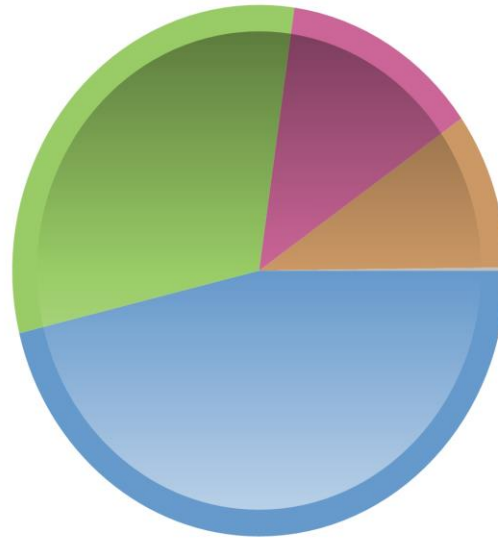
Communications

- Strategic, integrated comm. plans
- Crisis
- Media relations



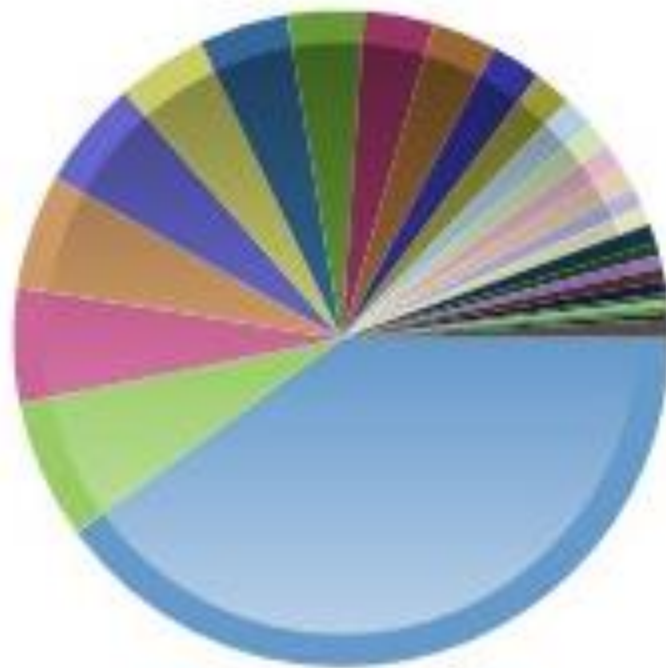
Activities May 8th – July 8th

Activity by Type Chart



Color Name	Value	Pct.
 News Release/ Media Advisory	238	46.21 %
 Inquiry	160	31.07 %
 Proactive pitch	67	13.01 %
 Interview request	49	9.51 %
 (None)	1	0.19 %

News Release By Topic



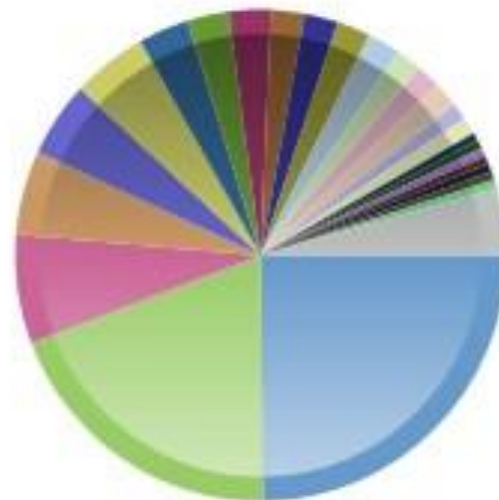
- Division Project Announcement/Update
- Event
- Project Safety Improvements
- Safety
- Bridge Safety/Inspection
- Closure
- Maintenance
- DMV
- Rail
- NCDOT Now
- Roadside
- GHSP
- Ferry
- Aviation
- Holiday releases

• • •

Interviews/Inquiries By Topic



- Division Project Announcement/Update
- Safety
- Roadside
- Economic Development
- Event
- Maintenance
- Weather Damage/ Incident
- Rail
- Bike/ Pedestrian
- I-40/ 440 Rebuild
- N.C. 12/ Bonner Bridge
- Public Transportation
- Turnpike/ Managed Lanes
- (None)



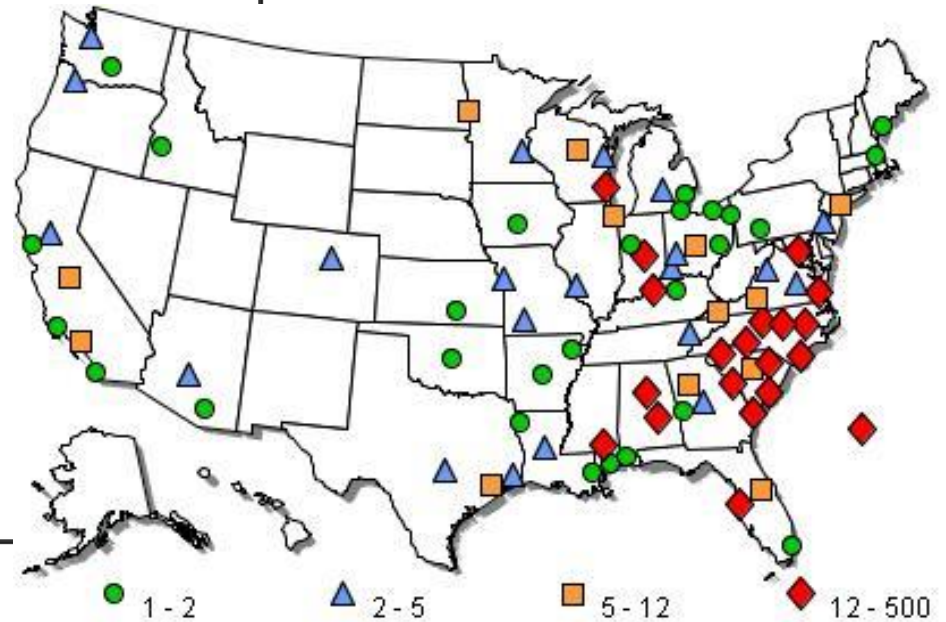
- Division Project Announcement/Update
- Roadside
- Safety
- Closure
- Maintenance
- Rail
- Weather Damage/ Incident
- Bridge Safety/Inspection
- Project Safety Improvements
- Bike/ Pedestrian
- DMV
- Event
- Turnpike/ Managed Lanes
- Funding
- Holiday releases

Media Coverage (2045 stories)

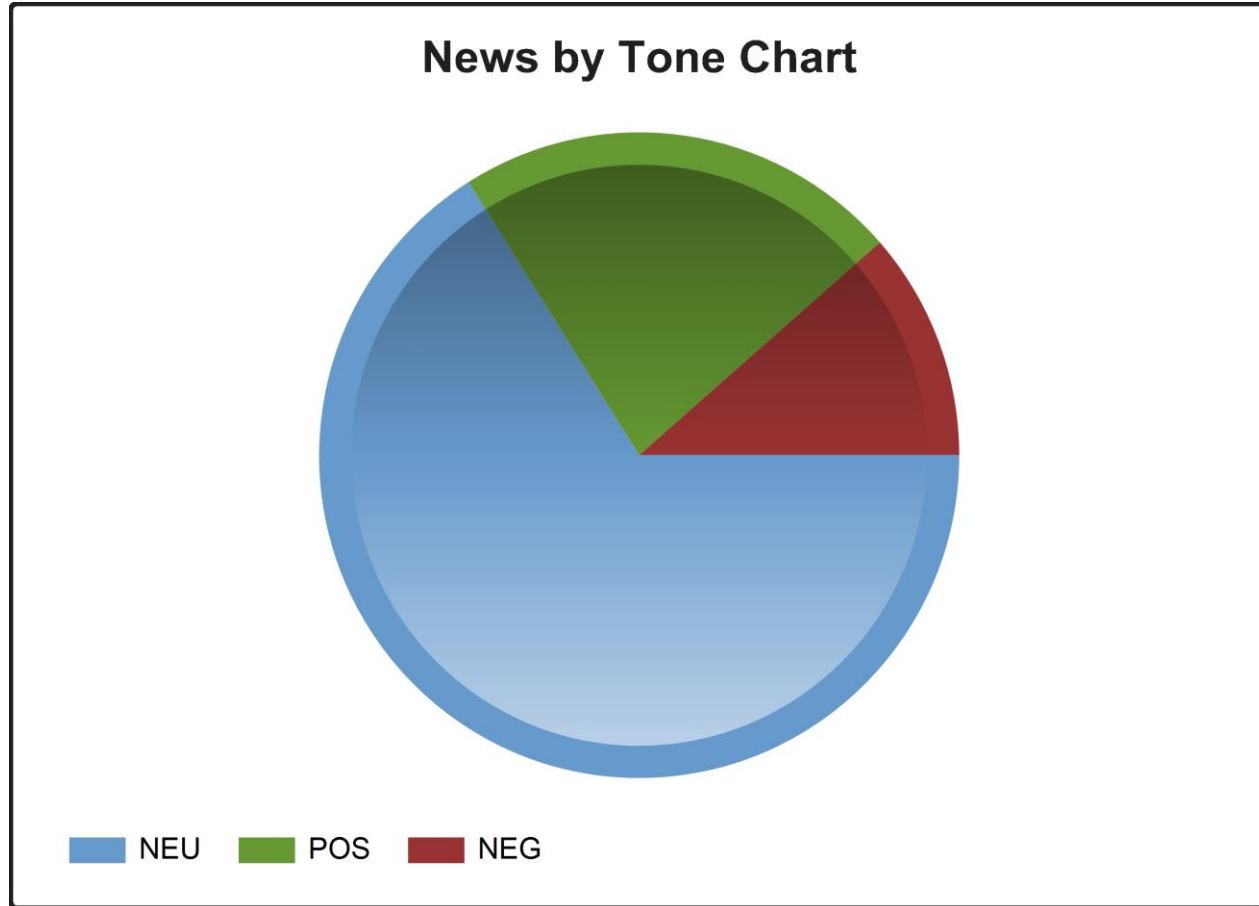
News by DMA Chart



Color	Name	Value	Pct.
Blue	Charlotte, NC	470	23.16 %
Light Green	Raleigh-Durham, NC	201	9.91 %
Pink	Wilmington, NC	155	7.64 %
Orange	Greensboro-High Point-Winston-Salem, NC	127	6.26 %
Purple	National	103	5.08 %
Yellow-Green	Greenville-Spartanburg-Ashville-Anderson	94	4.63 %
Dark Blue	Greenville-New Bern-Washington, NC	55	2.71 %
Dark Green	Florence-Myrtle Beach, SC	44	2.17 %
Magenta	Hattiesburg-Laurel, MS	36	1.77 %
Brown	Augusta, GA	35	1.72 %
Grey	(Other)	451	22.23 %



Media Coverage Tone



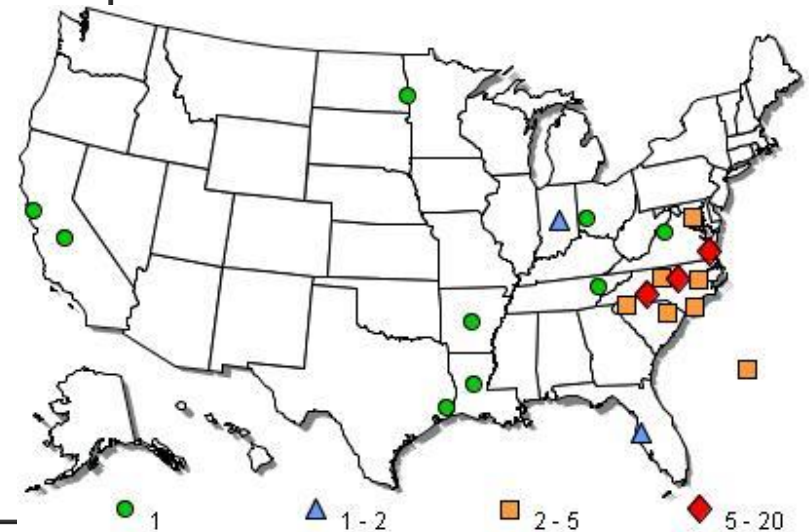
Bonner Bridge Media Coverage

Nearly 100 stories in 48 hours

News by DMA Chart



Color	Name	Value	Pct.
Blue	Norfolk-Portsmouth-Newport News, VA	19	21.11 %
Light Green	Raleigh-Durham, NC	11	12.22 %
Pink	Charlotte, NC	8	8.89 %
Orange	Florence-Myrtle Beach, SC	5	5.56 %
Dark Blue	Washington, DC	5	5.56 %
Yellow-Green	National	4	4.44 %
Dark Blue	Wilmington, NC	4	4.44 %
Green	Greensboro-High Point-Winston-Salem, NC	3	3.33 %
Maroon	Greenville-New Bern-Washington, NC	3	3.33 %
Brown	Greenville-Spartanburg-Ashville-Anderson	3	3.33 %
Grey	(Other)	13	14.44 %



Bonner Bridge Media Coverage



Color Name	Value	Pct.	Color Name	Value	Pct.
NEU	82	91.11 %	POS	2	2.22 %
NEG	6	6.67 %			

Marketing

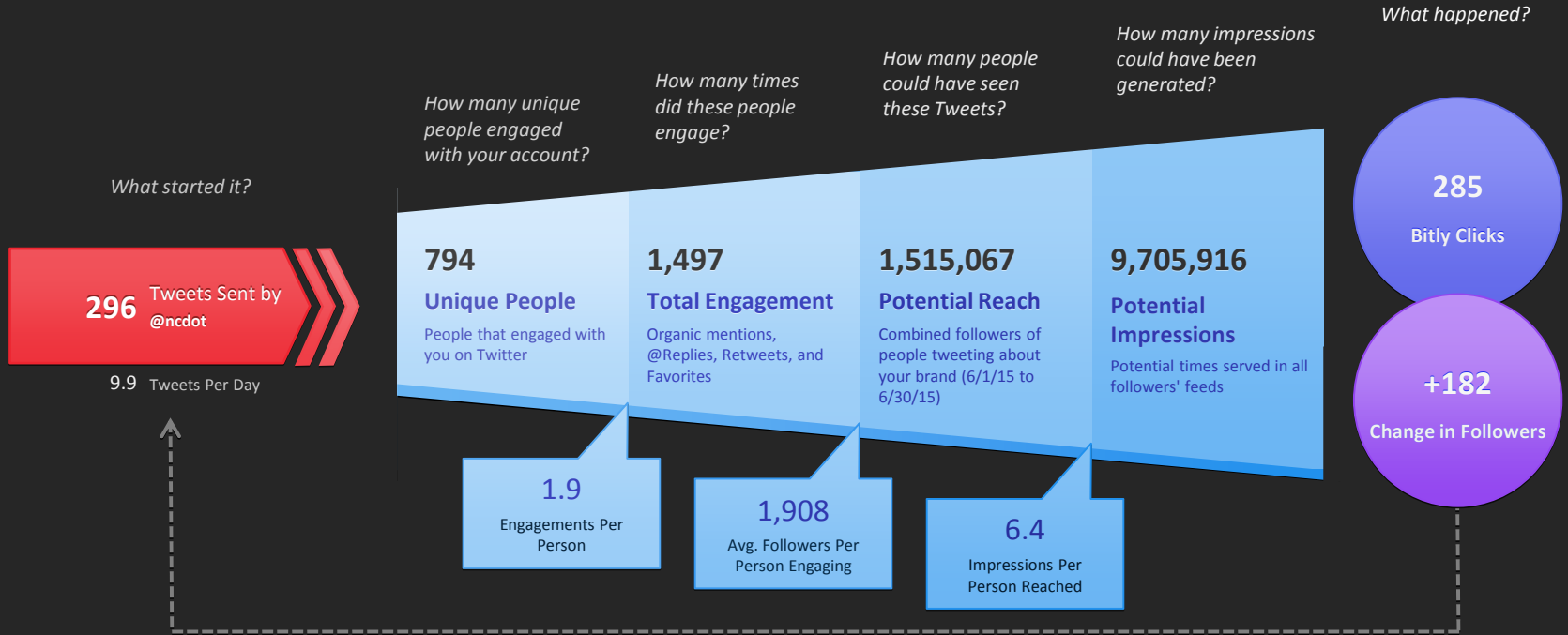
- Strategic Marketing Plans/ Budgets
- Media Buys
- Social Media



A screenshot of a Twitter post from the account "NCDOT Rail @NCDOT_Rail" dated "16 Jan 2015". The text of the tweet reads: "Buy Carolinian train tickets through Jan. 31 and save 20%! Charlotte-NYC as low as \$89; Raleigh-DC as low as \$42. [cards.twitter.com/cards/18ce53xv...](#)". Below the text is a promotional image featuring a blue and white train engine with "N-C" and a star on its front, moving through a snowy landscape. To the right of the image, the text says "Save 20% on Train Tickets!" and "www.ncbytrain.org", with a "Read more" button below.

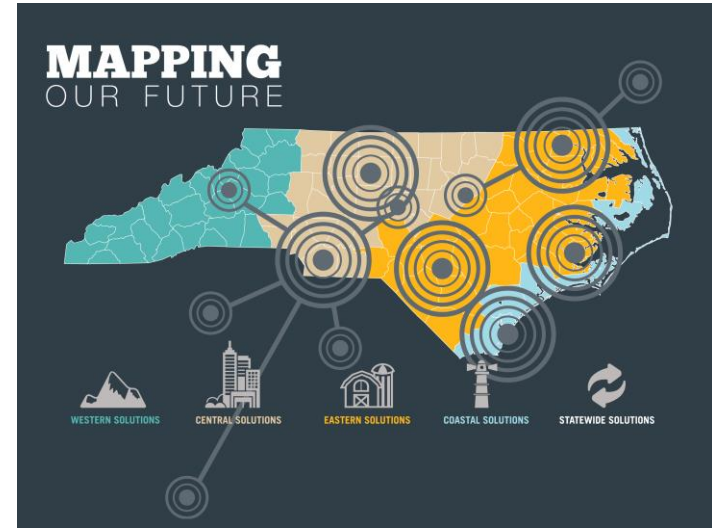


Twitter Engagement Megaphone



Creative Services/ Web

- Graphics/ publication
- Design
- Video/ photo
- Web Projects



ncdot.gov

North Carolina

DEPARTMENT OF TRANSPORTATION

JULY 2015



Division 2

COUNTIES SERVED | Beaufort, Carteret, Craven, Greene, Jones, Lenoir, Pamlico, Pitt



News In the State: Bonner Bridge Agreement

NCDOT reached a settlement agreement that will allow the department to replace the aging Bonner Bridge in Dare County. Under the agreement, conservation groups will dismiss both federal and state Bonner Bridge-related lawsuits, allowing the department to move forward with replacing the bridge. Work is currently expected to begin on the replacement of the Bonner Bridge in spring of 2016, with construction taking approximately three years to complete.



Carteret County Approved of \$5.4 in Reconstruction

The N.C. Department of Transportation has awarded a \$5.4 million contract to S.T. Wooten Corporation of Wilson. The money will go toward resurfacing and reconstruction of shoulders on U.S. 70, N.C. 12 and the Cedar Island Ferry Terminal, including the ferry ramp, in Carteret County. [Read More here.](#)



Board of Transportation Update

Division 2 Board Member, Hugh Overholt, attended the June 4 meeting where multiple items were brought to discussion.

One of those included the approval of the contract for the Greenville South West Bypass. This route will stretch from south of Old N.C. 11 to U.S. 264 in Pitt County. There were four bidders with Barnhill Contracting Company having the lowest bid of nearly \$40 million. The expected completion date is November 2019.

NCDOT Now

Raleigh-N.C. Department of Transportation contractors will close the I-85 northbound on-ramp at N.C.39 (Andrews Avenue) on Friday, June 26. The closure, part of a project to improve 20.6 miles of I-85 in Vance and Warren counties, will remain in place until early 2017.

June 26, 2015



Connect With Us

[@NCDOT_Ncoast](#)

“If you’re driving along the coast this holiday weekend you will see some of #NCDOT’s beautiful wildflowers!”



Governor Pat McCrory and other officials discuss the Bonner Bridge settlement.



Click the above image to watch the latest episode of NCDOT NOW!



Financial Update

David Tyeryar, Chief Financial Officer
July 8, 2015

Financial Update

SFYTD 2015 as compared SFYTD 2014

Dollars in Millions	<u>May 15</u>	<u>May 14</u>	<u>May 15</u>	<u>May 14</u>	<u>% Change</u>
Revenue Collections	\$ 340	\$ 401	\$ 4,218	\$ 4,364	-3.3%
Expenditures	<u>395</u>	<u>437</u>	<u>4,057</u>	<u>4,144</u>	-2.1%
Net Change	\$ (55)	\$ (36)	\$ 161	\$ 220	
	<u>May 15</u>	<u>May 14</u>			
Cash Balances:					
Trust Fund	\$ 1,129	\$ 837			
Highway Fund*	<u>211</u>	<u>321</u>			
Totals	<u>\$ 1,340</u>	<u>\$ 1,158</u>			

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

Revenue & Expenditure Variances > 5%

As of May 31, 2015

RECEIPTS		
State & Federal Receipts:	Budget/Actual	Reason for Variance
Highway Use Tax	9%	Vehicle sales higher than projected
Investment Income	63%	Increase in average cash balance SFY 2015 over SFY 2014
EXPENDITURES		
State & Federal Funded Programs:	Budget/Actual	Reason for Variance
Maintenance	10%	Utilization of prior period budget authority
Public Transportation	-11%	New policy requires review of supporting documentation for all expenditures before processing so expenditures are lagging
Administration	-15%	Timing of expenditures lagging compared to this time last year

(\$ in Millions)

Revenue Summary May 2015

(\$ in Millions)

	May 2015	May 2014	Year Over Year				SFY to Budget		
			2014-2015 Actual	2013-2014 Actual	\$	%	Budget to Date	\$	%
State & Federal Receipts:									
Highway Fund *	\$ 170.7	\$ 170.2	\$ 1,830.3	\$ 1,825.6	\$ 4.7	0%	\$ 1,781.6	\$ 48.8	3%
Highway Trust Fund *	102.8	101.2	1,121.2	1,065.0	56.2	5%	1,053.7	67.5	6%
Total State Funds	273.5	271.4	2,951.6	2,890.6	61.0	2%	2,835.3	116.3	4%
Federal Funds/Participation	63.8	127.3	1,133.2	1,196.4	(63.2)	-5%	1,181.9	(48.6)	-4%
GARVEE Trustee Reimbursement/NCTA	2.8	2.2	132.8	277.3	(144.5)	-52%	N/A	N/A	N/A
Total	\$ 340.2	\$ 400.9	\$ 4,217.6	\$ 4,364.3	\$ (146.7)	-3%	\$ 4,017.1	\$ 67.7	5%
* Memo									
	May 2015	May 2014	Year Over Year				SFY to Budget		
			2014-2015 Actual	2013-2014 Actual	\$	%	Budget to Date	\$	%
Highway Fund & Trust Fund Details									
Motor Fuel Taxes	\$ 160.3	\$ 157.3	\$ 1,727.7	\$ 1,720.6	\$ 7.1	0%	\$ 1,677.9	\$ 49.8	3%
Highway Use Tax	54.3	52.7	588.2	542.2	46.0	8%	541.1	47.2	9%
DMV/Other Revenue	58.4	60.9	630.8	623.8	7.0	1%	613.4	17.5	3%
Investment Income	0.6	0.5	4.8	4.0	0.8	20%	2.9	1.9	63%
Total	\$ 273.5	\$ 271.4	\$ 2,951.6	\$ 2,890.6	\$ 61.0	2%	\$ 2,835.3	\$ 116.3	4%

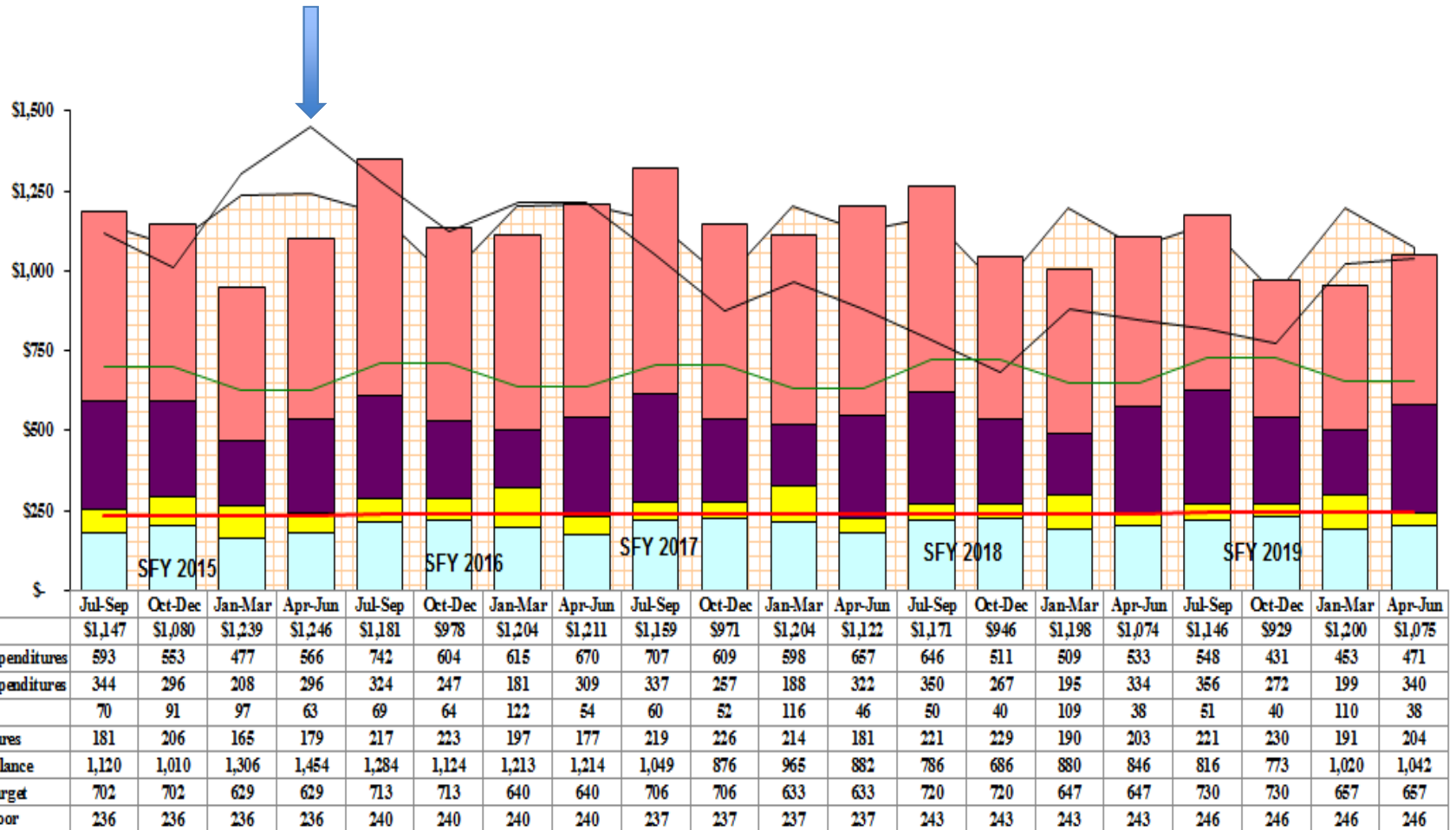
Expenditure Summary May 2015

(\$ in millions)

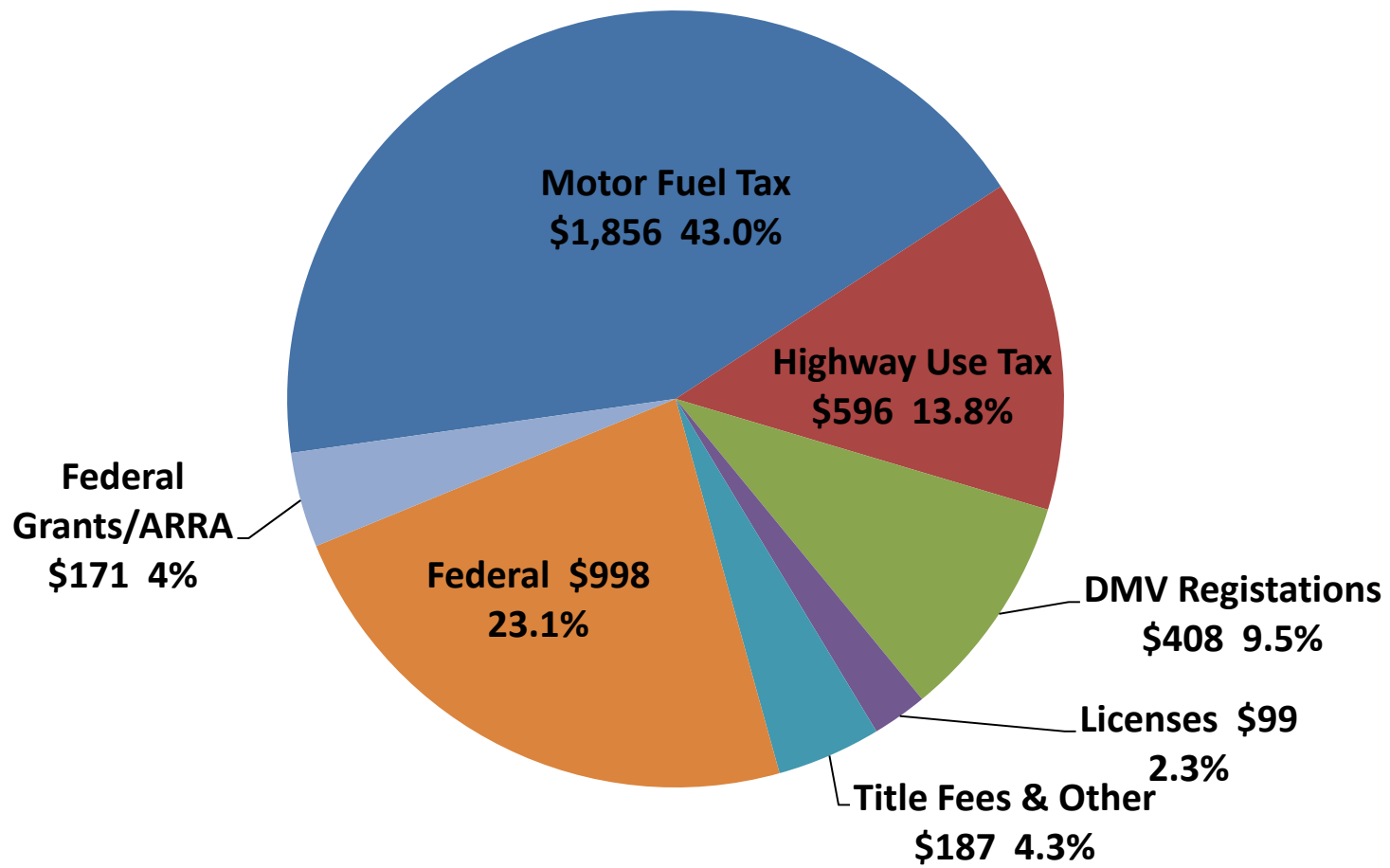
			Year Over Year				SFY to Budget		
	May-15	May-14	2014-2015 Actual	2013-2014 Actual	\$	%	2014-2015 Budget	\$	%
State & Federal Funded Programs:									
Construction	\$ 158.5	\$ 182.1	\$ 1,761.4	\$ 1,821.7	\$ (60.3)	-3%	\$ 1,731.5	\$ 30.0	2%
Maintenance	122.4	110.9	1,062.1	1,066.3	(4.2)	0%	964.4	97.7	10%
Public Transportation	5.4	5.0	98.8	134.3	(35.5)	-26%	110.7	(11.9)	-11%
Other Modal/Other Programs	9.6	10.5	124.8	137.9	(13.1)	-9%	125.7	(0.9)	-1%
Administration	20.5	21.9	205.3	211.7	(6.4)	-3%	240.4	(35.2)	-15%
Municipal Aid	-	-	147.1	145.6	1.5	0%	147.1	-	0%
Transfers to Other Agencies	51.5	51.3	244.2	248.3	(4.1)	-2%	247.8	(3.6)	-1%
GARVEE/NCTA/Special Initiatives	27.2	55.0	413.2	378.5	34.7	9%	N/A	N/A	N/A
Total Expenditures	\$ 395.2	\$ 436.7	\$ 4,056.9	\$ 4,144.3	\$ (87.4)	-2%	\$ 3,567.6	\$ 76.2	2%

60 Month Cash Model

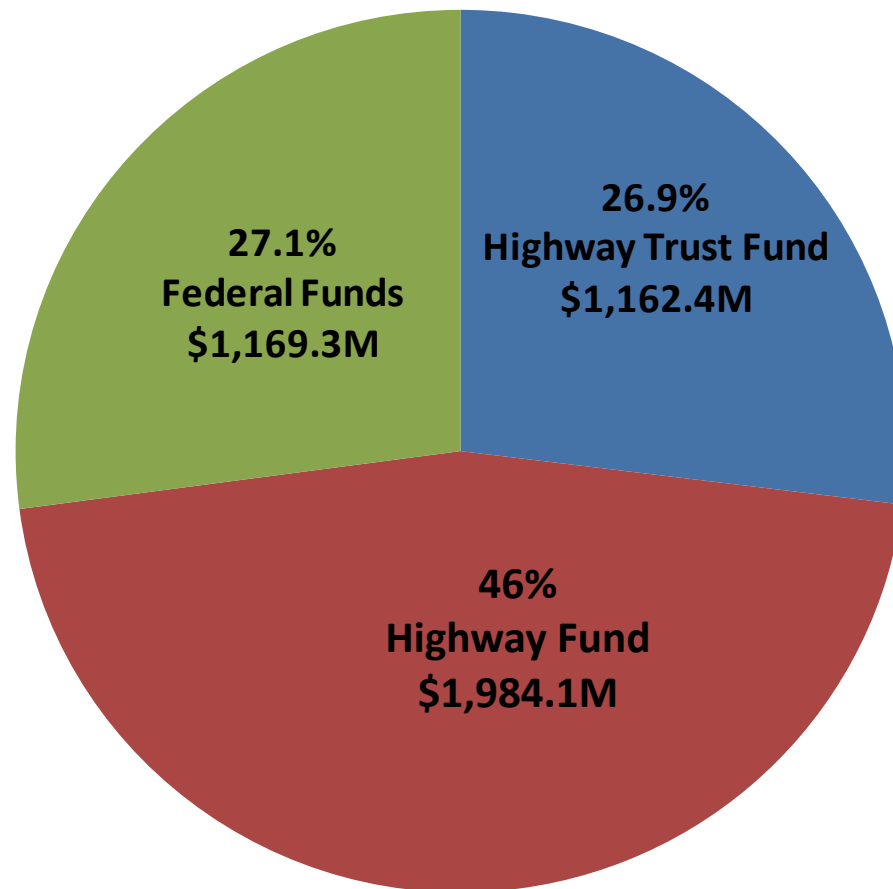
Projections as of May 2015



NCDOT Revenue Sources SFY2015 - \$4.3 Billion



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

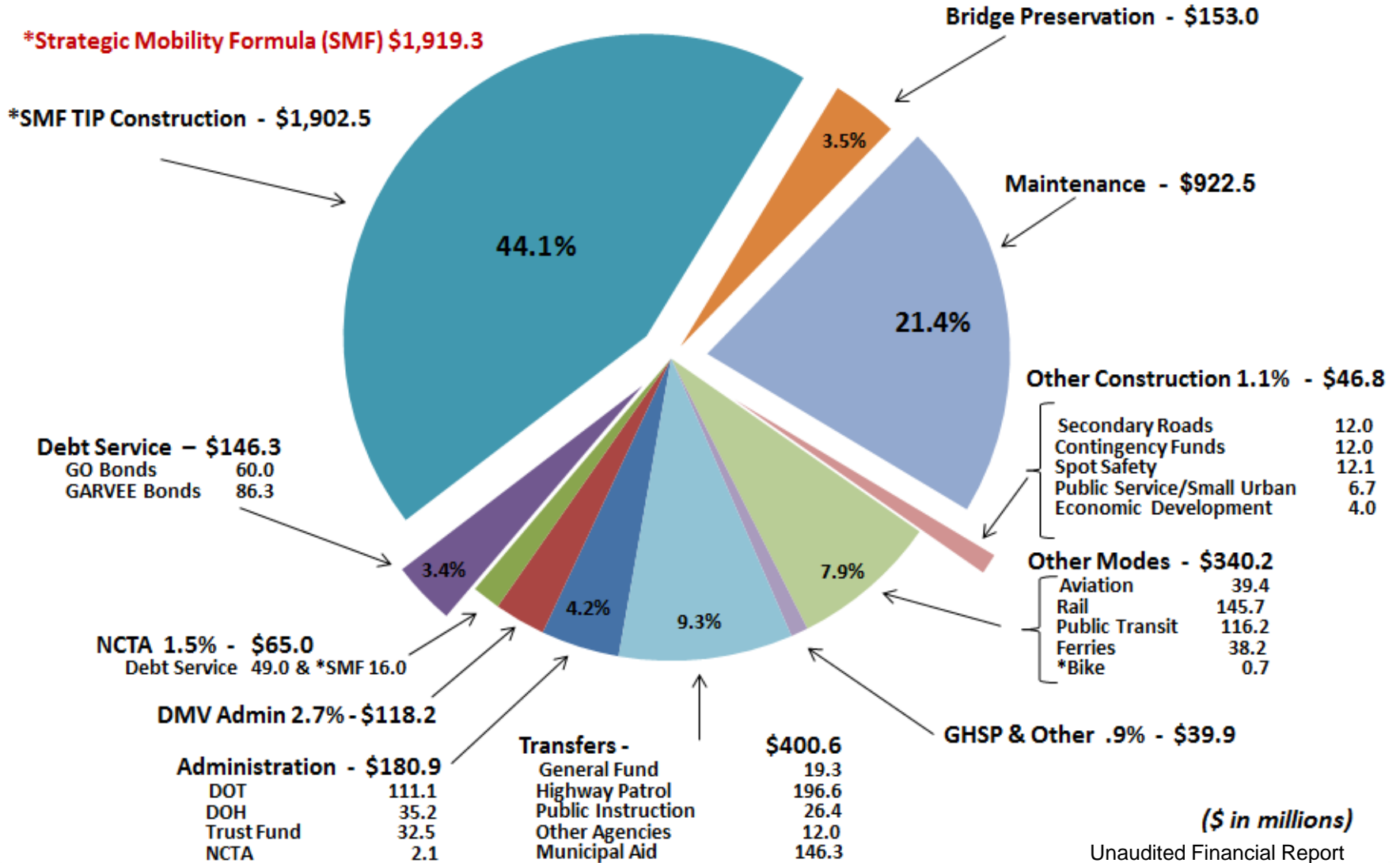


(Excludes Receipt Supported Funding of \$0.1B)

Uses of 2014-15 NCDOT Appropriations

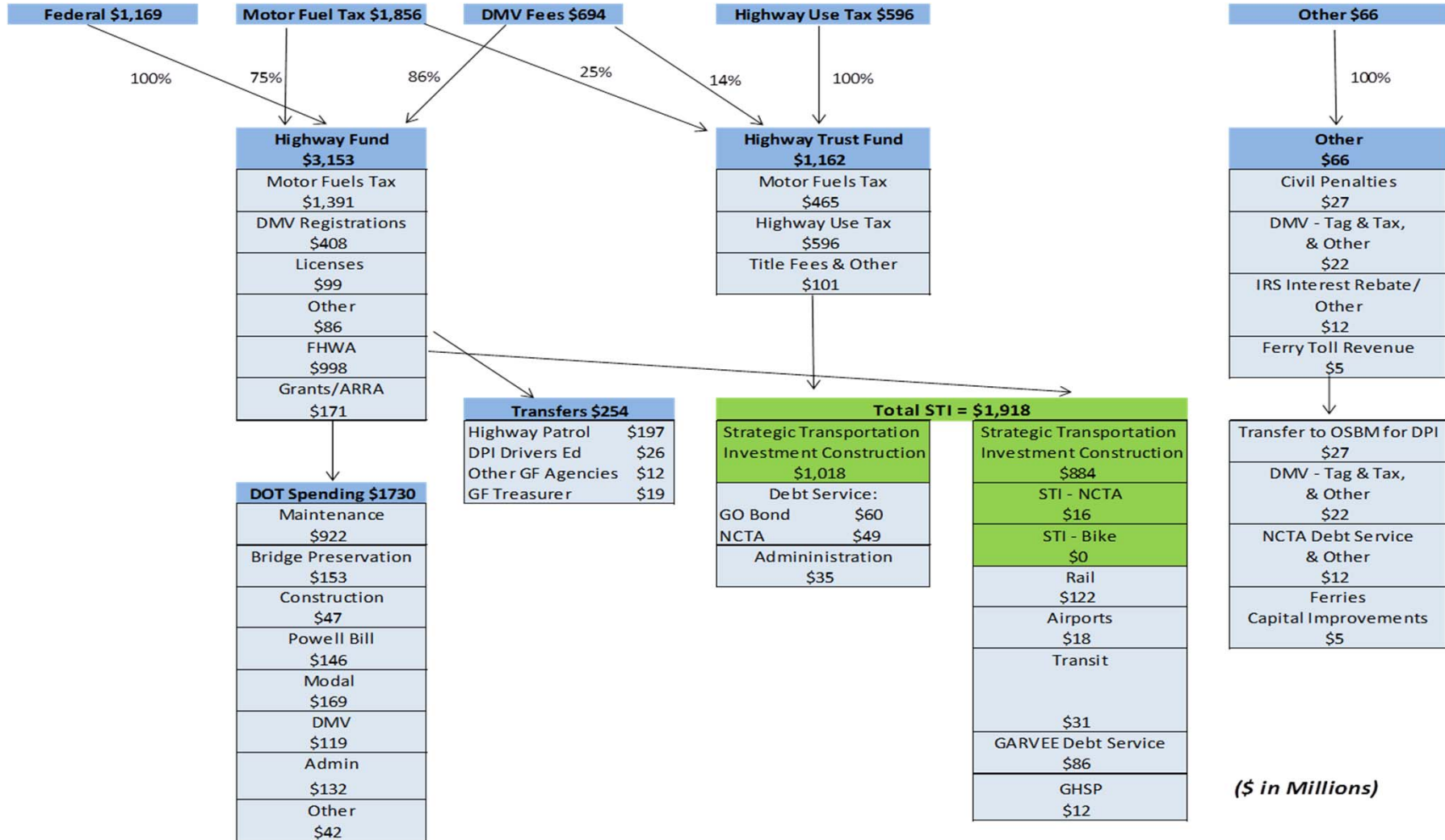
Total Funding = \$4.3 Billion

(Excludes Receipt Supported Funding of \$0.1B)



SFY2015 NCDOT Sources and Uses

Total Funding = \$4.4 Billion



(Includes Receipt Supported Funding of \$0.1B)

Right of Way & Preliminary Engineering Expenditures

SFY 2015 Period Ending May 2015

	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)	\$ 61.5	\$ 64.3	\$ 63.7	\$ 36.1	\$ 225.6	\$ 290.0	78%
Garvee Projects (GV)	2.5	0.2	2.4	0.1	5.2	101.9	5%
Total TIP Projects	\$ 64.0	\$ 64.5	\$ 66.1	\$ 36.2	\$ 230.8	\$ 391.9	
Preliminary Engineering:							
TIP Projects (excluding TA)	\$ 42.9	\$ 48.7	\$ 46.3	\$ 30.9	\$ 168.8	\$ 165.0	102%
Toll Authority (TA) Projects	1.2	1.0	1.0	4.0	7.2	4.4	164%
Total TIP Projects	\$ 44.1	\$ 49.7	\$ 47.3	\$ 34.9	\$ 176.0	\$ 169.4	

MEMO: State Fiscal YTD Totals Exclude Specific Allocations

(\$ in Millions)

FFY 2015 Federal Rail Scorecard

As of May 31, 2015

ARRA Rail Grant Awards (Inception to Date)

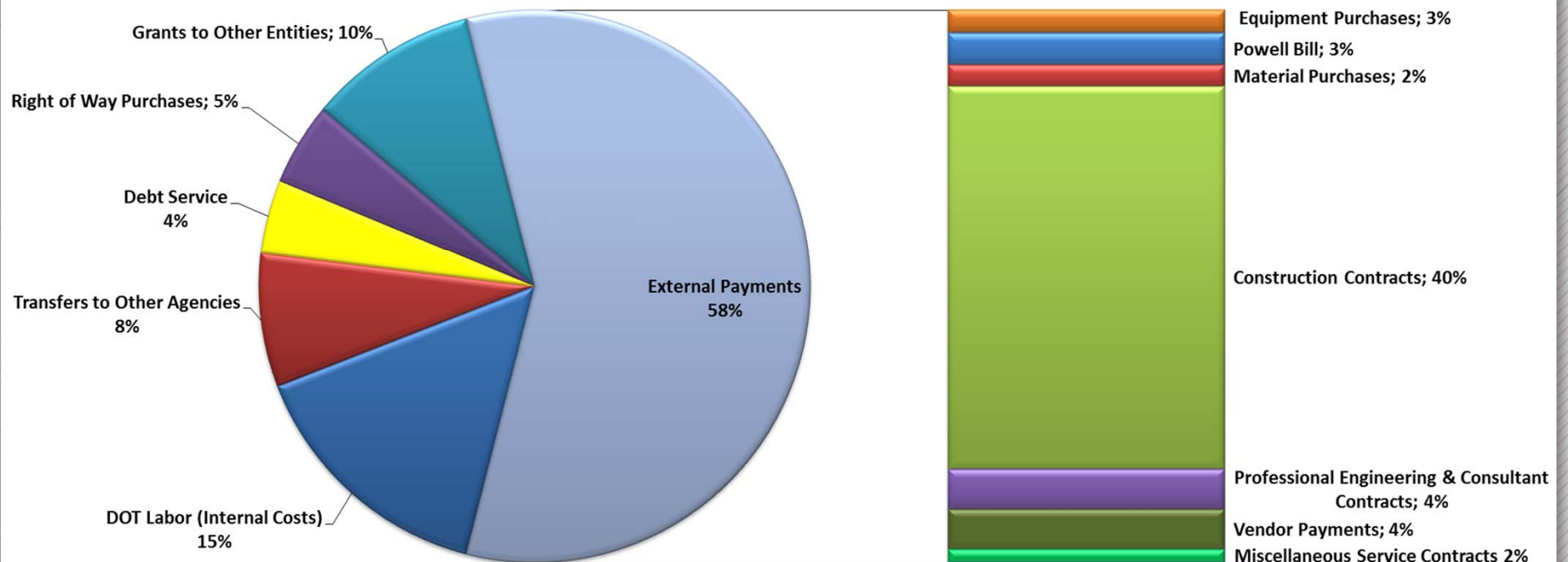
GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	PENDING BILL AMOUNTS	AVAILABLE TO BILL	EXCEPTIONS
NCDOT Piedmont Third & Fourth Frequency Equipment Procurement & Rehabilitation Period of Performance End Date 9-30-2017	\$ 520,000,000	\$ 519,995,262	\$ 252,618,802	\$ 244,064,479	\$ -	\$ 8,554,323	
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	\$ 3,839,746	\$ 3,830,343	\$ -	\$ 9,403	
NCDOT Intercity Passenger Rail Congestion Mitigation Period of Performance End Date 8-30-2014	\$ 26,560,839	\$ 26,560,839	\$ 3,651,717	\$ 2,132,735	\$ -	\$ 1,518,982	
TOTAL ARRA	\$ 550,560,839	\$ 550,556,101	\$ 260,110,265	\$ 250,027,557	\$ -	\$ 10,082,708	\$ 2,015,072

FEDERAL Rail Grant Awards (NON-ARRA)

GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	PENDING BILL AMOUNTS	AVAILABLE TO BILL	EXCEPTIONS
Traditional Rail Projects - Various	\$ 22,000,000	\$ 22,000,000	\$ 3,473,954	\$ 30,464	\$ -	\$ -	\$ (30,823)

NCDOT Expenditures

SFYTD as of May 31, 2015



History of Outsourcing

Construction, PE & Maintenance

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

NCDOT July 2015 Board of Transportation Agenda

Road Abandonments:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 10 Mecklenburg	50843	0.11	SR 3176 Phillips Road	4/13/15
Union	50844	0.038	SR 1552 Mt. Harmony Church Road	5/21/15

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 7

* C-5700	OAKDALE ROAD, EXISTING SIDEWALK EAST OF EAST	ENGINEERING	FY 2016 -	\$20,000	(CMAQ)
GUILFORD	MAIN STREET TO CHIMNEY COURT IN JAMESTOWN.		FY 2016 -	\$5,000	(L)
PROJ.CATEGORY	EXTEND SIDEWALK.	RIGHT-OF-WAY	FY 2017 -	\$4,000	(CMAQ)
EXEMPT	<u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u>		FY 2017 -	\$1,000	(L)
	<u>PLANNING BRANCH.</u>	CONSTRUCTION	FY 2017 -	\$136,000	(CMAQ)
			FY 2017 -	\$34,000	(L)
				\$200,000	

DIVISION 14

* R-5756	SR 1326 (PEA RIDGE ROAD), REALIGNMENT OF SR	CONSTRUCTION	FY 2016 -	\$1,600,000	(T)
POLK	1326 (PEA RIDGE ROAD) AND JOHN SHEEHAN ROAD			\$1,600,000	
PROJ.CATEGORY	AND CONSTRUCTION OF A ROUNDABOUT AT THE				
DIVISION	INTERSECTION WITH US 74.				
	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
	<u>PROGRAMMED.</u>				

STIP MODIFICATIONS

DIVISION 5

* EB-5513	US 15, HILLSBOROUGH STREET TO NC 56 IN	CONSTRUCTION	FY 2016 -	\$560,000	(STPEB)
GRANVILLE	CREEDMOOR. CONSTRUCT SIDEWALK / PATH.			\$560,000	
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 FOR</u>				
TRANSITION	<u>STRATEGIC LETTING PURPOSES, AT REQUEST OF</u>				
	<u>DIVISION AND CITY.</u>				
* U-3308	NC 55 (ALSTON AVENUE), NC 147 (DURHAM FREEWAY)	CONSTRUCTION	FY 2016 -	\$10,300,000	(STP)
DURHAM	TO US 70 BUSINESS / NC 98 (HOLLOWAY STREET) IN		FY 2016 -	\$229,000	(STPDA)
PROJ.CATEGORY	DURHAM. WIDEN TO FOUR-LANE DIVIDED FACILITY		FY 2016 -	\$57,000	(L)
TRANSITION	FROM NC 147 TO MAIN STREET AND REPLACE		FY 2017 -	\$10,300,000	(STP)
	NORFOLK SOUTHERN RAILROAD BRIDGES.		FY 2018 -	\$10,300,000	(STP)
	MODERNIZE FROM MAIN STREET TO US 70 BUSINESS /			\$31,186,000	
	NC 98 (HOLLOWAY STREET) INCLUDING ADDITION OF				
	ON-STREET PARKING, BICYCLE LANES, TURN LANES,				
	MEDIAN AND ACCESS MANAGEMENT.				
	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR UTILITY RELOCATION</u>				
	<u>AND RAILROAD COORDINATION.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 7

B-4807	SR 2426 (CUNNINGHAM MILL ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$24,000	(HFB)
ROCKINGHAM	780006 OVER HAW RIVER.	UTILITIES	FY 2017 -	\$23,000	(HFB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u> <u>CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW</u> <u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	CONSTRUCTION	FY 2018 -	\$1,600,000	(HFB)
HWY FUNDS				\$1,647,000	

* B-4960	SR 3058 (JUDGE ADAMS ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2016 -	\$475,000	(STPOFF)
GUILFORD	400214 OVER LITTLE ALAMANCE CREEK.	UTILITIES	FY 2016 -	\$154,000	(STPOFF)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 16 AND</u> <u>CONSTRUCTION FROM FY 15 TO FY 17 TO ALLOW</u> <u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	CONSTRUCTION	FY 2017 -	\$1,600,000	(STPOFF)
DIVISION				\$2,229,000	

* W-5143	SR 1004 (EFLAND- CEDAR GROVE ROAD), NORTH OF	CONSTRUCTION	FY 2016 -	\$325,000	(HSIP)
ORANGE	INTERSECTION WITH SR 1332 (HIGHLAND FARM			\$325,000	
PROJ.CATEGORY	ROAD). IMPROVE HORIZONTAL ALIGNMENT OF CURVE				
TRANSITION	TO PROVIDE A MINIMUM OF 60 MPH DESIGN SPEED.				
	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO</u> <u>ALLOW ADDITIONAL TIME FOR COORDINATION WITH</u> <u>TOWN OF HILLSBOROUGH RESERVOIR PROJECT.</u>				

DIVISION 9

* B-4746	SR 2264 (AKRON DRIVE), REPLACE BRIDGE 330229	RIGHT-OF-WAY	FY 2016 -	\$300,000	(HFB)
FORSYTH	OVER NORFOLK SOUTHERN RAILROAD IN WINSTON-	CONSTRUCTION	FY 2018 -	\$6,330,000	(HFB)
PROJ.CATEGORY	SALEM.			\$6,630,000	
DIVISION	<u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AND</u> <u>CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW</u> <u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 9

I-3802B	I-85, SR 2180 (LANE STREET) IN CABARRUS COUNTY	RIGHT-OF-WAY	FY 2016 -	\$267,000	(NHP)
ROWAN	TO US 29 / US 601 CONNECTOR IN ROWAN COUNTY		FY 2016 -	\$3,333,000	(S(M))
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 16</u>	UTILITIES	FY 2016 -	\$2,753,000	(NHP)
STATEWIDE	<u>AND CONSTRUCTION FROM FY 20 TO FY 16 - PROJECT</u>	CONSTRUCTION	FY 2016 -	\$5,750,000	(NHP)
	<u>WILL UTILIZE DESIGN-BUILD DELIVERY AND GARVEE</u>		FY 2016 -	\$7,500,000	(S(M))
	<u>BONDS (NOTE: REVISED SCHEDULE / FUNDING</u>		FY 2017 -	\$5,750,000	(NHP)
	<u>ALREADY CONFORMS TO 2016-2025 STIP).</u>		FY 2017 -	\$7,500,000	(S(M))
			FY 2018 -	\$5,750,000	(NHP)
			FY 2018 -	\$7,500,000	(S(M))
			FY 2019 -	\$5,750,000	(NHP)
			FY 2019 -	\$7,500,000	(S(M))
		GARVEE CONSTR	FY 2016 -	\$7,722,000	(NHP)
			FY 2017 -	\$7,722,000	(NHP)
			FY 2018 -	\$7,722,000	(NHP)
			FY 2019 -	\$7,722,000	(NHP)
			FY 2020 -	\$7,722,000	(NHP)
			FY 2021 -	\$7,722,000	(NHP)
			FY 2022 -	\$7,722,000	(NHP)
			FY 2023 -	\$7,722,000	(NHP)
			FY 2024 -	\$7,722,000	(NHP)
			FY 2025 -	\$7,722,000	(NHP)
			POST YR-	\$38,610,000	(NHP)
		GARVEE RIGHT-O	FY 2016 -	\$858,000	(NHP)
			FY 2017 -	\$858,000	(NHP)
			FY 2018 -	\$858,000	(NHP)
			FY 2019 -	\$858,000	(NHP)
			FY 2020 -	\$858,000	(NHP)
			FY 2021 -	\$858,000	(NHP)
			FY 2022 -	\$858,000	(NHP)
			FY 2023 -	\$858,000	(NHP)
			FY 2024 -	\$858,000	(NHP)
			FY 2025 -	\$858,000	(NHP)
			POST YR-	\$4,290,000	(NHP)
				\$188,053,000	
U-5551	NEW ROUTE, EAST OF SR 1101 (HARPER ROAD) TO SR	CONSTRUCTION	FY 2016 -	\$2,000,000	T
FORSYTH	1103 (LEWISVILLE-CLEMMONS ROAD) IN CLEMMONS.		FY 2016 -	\$1,900,000	L
PROJ.CATEGORY	CONSTRUCT 3-LANE FACILITY ON NEW LOCATION.			\$3,900,000	
DIVISION	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 11

* R-2603	NC 268, NC 18 TO SR 1966 (AIRPORT ROAD).	CONSTRUCTION	FY 2016 -	\$8,400,000	(T)
WILKES	CONSTRUCT SIDEWALK FROM NC 18 TO SHAVER		FY 2017 -	\$8,400,000	(T)
PROJ.CATEGORY	STREET. WIDEN TO FIVE-LANES FROM SHAVER		FY 2018 -	\$8,400,000	(T)
TRANSITION	STREET TO FAIRPLAINS ROAD. WIDEN TO FOUR-LANES DIVIDED FROM FAIRPLAINS ROAD TO SR 1966 (AIRPORT ROAD).			\$25,200,000	

DELAY CONSTRUCTION FROM FY 15 TO FY 16.
FUNDING SOURCE WAS CHANGED FROM FEDERAL TO STATE AND SINCE CONSTRUCTION IS SCHEDULED IN SEPTEMBER, THIS CHANGES THE FISCAL YEAR.

* R-2915A	US 221, US 421 IN WATAUGA COUNTY TO SR 1003	CONSTRUCTION	FY 2016 -	\$13,150,000	(T)
ASHE	(IDLEWILD ROAD) IN ASHE COUNTY		FY 2017 -	\$13,150,000	(T)
WATAUGA				\$26,300,000	

DELAY CONSTRUCTION FROM FY 15 TO FY 16.
FUNDING SOURCE WAS CHANGED FROM FEDERAL TO STATE AND SINCE CONSTRUCTION IS SCHEDULED IN SEPTEMBER, THIS CHANGES THE FISCAL YEAR.

* R-2915B	US 221, SR 1003 (IDLEWILD ROAD) TO NORTH OF	CONSTRUCTION	FY 2016 -	\$11,550,000	(T)
ASHE	SOUTH FORK NEW RIVER		FY 2017 -	\$11,550,000	(T)
PROJ.CATEGORY				\$23,100,000	
TRANSITION					

DELAY CONSTRUCTION FROM FY 15 TO FY 16.
FUNDING SOURCE WAS CHANGED FROM FEDERAL TO STATE AND SINCE CONSTRUCTION IS SCHEDULED IN SEPTEMBER, THIS CHANGES THE FISCAL YEAR.

DIVISION 12

* B-5549	HICKORY, REPLACE BRIDGE 170327 ON FALLING	CONSTRUCTION	FY 2016 -	\$680,000	(STPOFF)
CATAWBA	CREEK ROAD OVER FALLING CREEK. .		FY 2016 -	\$170,000	(L)
PROJ.CATEGORY				\$850,000	
DIVISION					

DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION AND UTILITY RE-LOCATION.

DIVISION 13

* B-4442	US 19/US 23/US 25/ US 70, REPLACE BRIDGE 100370,	RIGHT-OF-WAY	FY 2021 -	\$200,000	(NHPB)
BUNCOMBE	AND BRIDGE 100373 OVER REEMS CREEK.	CONSTRUCTION	FY 2022 -	\$2,000,000	(NHPB)
PROJ.CATEGORY				\$2,200,000	
STATEWIDE					

ADD RIGHT-OF-WAY IN FY 21 AND DELAY CONSTRUCTION FROM FY 19 TO FY 22 TO ALLOW ADDITIONAL TIME FOR PLANNING.

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2012-2020 AND 2016-2025 STIPS

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 13

* B-4443	US 19/US 23/US 25/ US 70, REPLACE BRIDGE 100345,	RIGHT-OF-WAY	FY 2021 -	\$720,000	(NHPB)
BUNCOMBE	AND BRIDGE 100346 OVER SR 1839.	CONSTRUCTION	FY 2022 -	<u>\$7,200,000</u>	(NHPB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 21 AND</u>			\$7,920,000	
STATEWIDE	<u>CONSTRUCTION FROM FY 18 TO FY 22 TO ALLOW</u>				
	<u>ADDITIONAL TIME FOR PLANNING</u>				

B-4444	US 19/US 23/US 25/ US 70, REPLACE BRIDGES 100353	RIGHT-OF-WAY	FY 2021 -	\$100,000	(HFB)
BUNCOMBE	AND BRIDGE 100354 OVER SR 1882.	CONSTRUCTION	FY 2022 -	<u>\$1,000,000</u>	(HFB)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 21 AND DELAY</u>			\$1,100,000	
HWY FUNDS	<u>CONSTRUCTION FROM FY 20 TO FY 22 TO ALLOW</u>				
	<u>ADDITIONAL TIME FOR PLANNING.</u>				

DIVISION 14

B-5125	US 441 BUSINESS, REPLACE BRIDGE 550022 OVER	CONSTRUCTION	FY 2017 -	<u>\$2,250,000</u>	(HFB)
MACON	LITTLE TENNESSEE RIVER.			\$2,250,000	
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>				
HWY FUNDS	<u>ALLOW ADDITIONAL TIME TO OBTAIN FERC AND</u>				
	<u>404/401 PERMITS.</u>				

* U-5104	US 64 BUSINESS, SR 1348 (PROBART STREET) TO US	CONSTRUCTION	FY 2016 -	<u>\$2,000,000</u>	(STP)
TRANSYLVANIA	64 IN BREVARD. WIDEN ROADWAY.			\$2,000,000	
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO</u>				
TRANSITION	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>				

STIP DELETIONS

DIVISION 2

W-5008	SR 1306 (15TH STREET), US 17 BUSINESS (CAROLINA	CONSTRUCTION	FY 2015 -	<u>\$2,250,000</u>	(HSIP)
BEAUFORT	AVENUE) TO PEARCE STREET IN WASHINGTON.			\$2,250,000	
PROJ.CATEGORY	WIDEN TO FOUR LANE DIVIDED FACILITY WITH				
TRANSITION	MEDIAN.				
	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>				
	<u>PROJECT U-5860.</u>				

* INDICATES FEDERAL AMENDMENT

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

ADMINISTRATIVE MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TA-5180	Winston-Salem Transit Authority	Purchase of twelve (12) small, low-floor, light duty gasoline engine, expansion buses for paratransit ADA service	FBUS	5339	1,296						
			Local	L	229						

MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TE-49017	Charlotte Area Transit System	Fixed Guideway, Blue Line Extension – Plans, Design, Acquisition, Construction, TIFIA Loan – Local amount in FY 2016 includes Federal TIFIA Loan to City of Charlotte for \$180M	FNS	5309	100000	115000	100000	59235			
			State	S	25000	25000	25000	25000	25000	25000	25000
			Local	L	29586	214107					
					FY 22						
		CONTINUED	FNS	5309							
			State	S	16328						
			Local	L							
TM-5309	Winston-Salem Transit Authority	Job Access/Reverse Commute Capital, Planning, Operating Cost	FUZ	5307	55						
			Local	L	55						
TQ-7001	Winston-Salem Urban Area MPO	Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310) Administrative	FEPD	5310	0						
					0						

Item I-1B SUMMARY - 4 Projects - Total Federal/Local funds \$566,914,000



P4.0 Recommendations Criteria, Measures & Weights

June 4, 2015

Summary of P4.0 Workgroup Consensus Recommendations

1. **No votes taken!**
2. **Consensus means agreeing with the recommendation and willing to advocate the recommendation with peers.**
3. **Details of criteria, weights and measures for all modes are in separate handout.**
4. **Timeline/Schedule**

Highway – Statewide Mobility Weights

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

Highway – Regional Impact Weights (Defaults)

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

Highway – Division Needs Weights (Defaults)

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

P4.0 Highway Criteria, Measures, Weights

Congestion - A comparison of the Peak ADT traffic volume to the existing capacity of the roadway and the traffic volume. Two components of scoring are volume/capacity and total volume.

P3.0 – Average Annual Daily Traffic was used as the volume in the calculation.

P4.0 – Peak Average Daily Traffic will be used as the volume in the calculations.

- Peak is defined as the highest month of the year for any specific location.

P4.0 Highway Criteria, Measures, Weights

Benefit-Cost - Travel time savings and safety benefits the project is expected to provide over 10 years divided by the cost of the project to NCDOT.

P3.0 – Only travel time savings was used over a 30-year period.

P4.0 – The Statewide Travel Demand Model will be used to generate travel time savings. Predictive capability is best at the ten-year mark. Also, safety benefits will be monetized and added to benefits. Finally, the effect of a local contribution has been increased which will more positively affect the score.

P4.0 Highway Criteria, Measures, Weights

Safety - Evaluation of the number, severity, and frequency of crashes along the roadway.

P3.0 and P4.0 – Calculations are unchanged. Crash density, crash severity, and critical crash rates equally weighted.

P4.0 Highway Criteria, Measures, Weights

Economic Competitiveness – An estimate of the number of long-term jobs and the % change in economic activity within the County the project is expected to provide over 10 years

P3.0 - Long term jobs and % change in economic activity over 30 years in the Division

P4.0 - Long term jobs and % change in economic activity over 10 years in the County.

Note: Statewide Travel Demand Model will be used as input to TREDIS model which provides outputs of scoring.

P4.0 Highway Criteria, Measures, Weights

Freight [+ Military] - Measure of congestion along routes that provide connections to freight intermodal terminals and that have high truck volumes.

P3.0 – Freight and Multimodal were combined. Terminals included intermodal terminals, major military bases, commercial airports, seaports. Route must have provided a direct connection to terminals/military bases.

P4.0 – Freight has a higher weight. Large freight terminals, major ferry terminals, and future Interstates are now added and projects need only be within 20 miles of a terminal/military base.

P4.0 Highway Criteria, Measures, Weights

Multimodal [+ Military] – Measure of congestion along routes that provide connections to multimodal passenger terminals.

P3.0 – Freight and Multi-modal were combined. Terminals included intermodal terminals, major military bases, commercial airports, seaports, and ferry terminals. Routes must have provided a direct connection to terminals/military bases.

P4.0 – Clarifies that terminals include intermodal passenger terminals, transit terminals, expanded to include red and blue GA airports. Projects need only be within 5 miles of a terminal/military base.

P4.0 Highway Criteria, Measures, Weights

Accessibility/Connectivity – Improve access to opportunity in rural and less-affluent areas and improve interconnectivity of the transportation network based on county economic distress indicators and whether project upgrades the roadway function

P3.0 – A three part component of Commerce county tier designation by Tier 1, 2, 3; does the project upgrade the function of the roadway and commuting time in census tract.

P4.0 – Two component of Commerce county economic indicators and does the project upgrade the function of the roadway.

P4.0 Highway Criteria, Measures, Weights

Pavement Condition – A measure of the existing pavement condition along the project.

- Higher scores indicate poorer pavement condition

Not used in P3.0 or P4.0 As Default Criteria.

P4.0 Highway Criteria, Measures, Weights

Lane Width – Comparison of existing lane width to NCDOT Design standards. The greater the difference the higher the points awarded.

- **Not used in P3.0 or P4.0 as Default Criteria.**

P4.0 Highway Criteria, Measures, Weights

Shoulder Width – Comparison of existing paved shoulder width to NCDOT Design standards. The greater the difference the higher the points awarded

- Not used in P3.0 or P4.0 as Default Criteria.

P4.0 Highway Scoring Criteria and Weights

Funding Category	<u>QUANTITATIVE</u>	<u>LOCAL INPUT</u>	
	Data	Division Rank	MPO/RPO Rank
Statewide Mobility	Congestion = 30% Benefit-Cost = 25% Safety = 15% Economic Competitiveness = 10% Freight = 15% <u>Multimodal = 5%</u> Total = 100%	--	--
Regional Impact	Congestion = 20% Benefit-Cost = 20% Safety = 10% Accessibility/Connectivity = 10% <u>Freight = 10%</u> Total = 70%	15%	15%
Division Needs	Congestion = 15% Benefit-Cost = 15% Safety = 10% Accessibility/Connectivity = 5% <u>Freight = 5%</u> Total = 50%	25%	25%

Note: Div. ____ have agreed to use different criteria for Regional Impact and/or Division Needs projects.

P4.0 Non-Highway Criteria, Measures, Weights

Aviation

P3.0 – Emphasis was on a historically accepted rating systems developed by Aviation Division and a Federal Aviation capital improvement plan. Project criteria proved successful in identifying the most needed projects.

P4.0 – Emphasis is on a benefit-cost ratio using flight operations and economic data and a non-State funding contribution index.

P4.0 Non-Highway Criteria, Measures, Weights

Bicycle-Pedestrian

P3.0 – Only eligible in the Division Needs category. Emphasis was on whether the project provided access to the nearby population, safety criteria and project readiness to construction.

P4.0 – Criteria redefined to balance importance of access to the population, network connectivity, and user safety. Project readiness removed as a criterion and included as project submission requirements.

P4.0 Non-Highway Criteria, Measures, Weights

Ferry

P3.0 – Criteria proved to be fairly accurate resulting in the best projects being the highest ranked projects. However, the scoring criteria was later determined to need renaming to better understand what was being scored.

P4.0 – Changes are minimal. Emphasis on clarifying and renaming the scoring criteria and giving increased emphasis on condition of assets and improving the overall efficiency of the system.

P4.0 Non-Highway Criteria, Measures, Weights

Public Transportation

Projects classified as either expansion vehicles, facilities or fixed guideway.

P3.0 - Scoring criteria favored bus shelters and other criteria that proved harder to accurately measure and validate than anticipated.

P4.0 - Emphasis on clarifying and simplifying project eligibility and project scoring criteria. Focuses more on vehicles and facilities than bus shelters and increases weights for cost effectiveness. Fixed guideway project criteria is basically unchanged but now includes travel time savings for users.

P4.0 Non-Highway Criteria, Measures, Weights

Rail

P3.0 – Seven criteria proved numerous for the wide range of projects types resulting in low scores and disproportional scaling.

P4.0 - Scoring criteria simplified and clarified. Emphasis is on cost-effectiveness, system health, safety and alternative funding support.

Other Related Items

Number of Projects in Database (includes remaining and new submittals)

	Highways	Non-Highways	<u>TOTAL</u>
<u>P3.0:</u>	1800	1300	3100
<u>P4.0: (expected)</u>	~1300	~1000	2300
<u>~25 % Reduction</u>			

Number of New Project Submittals – P3.0 and P4.0 remain essentially unchanged

All new projects must be submitted by MPOs/RPOs/Division Engineers

Number of Local Input Points - P3.0 and P4.0 remain unchanged

Normalization

P3.0 and P4.0 normalization unchanged

Statewide Mobility (only) – No normalization, scores are stand-alone for comparison (highway, aviation, freight rail)

- Regional Impact & Division Needs – Allocate funds to Highway and Non-Highway modes based on minimum floor or %

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

Timeline for P4.0

Final Workgroup Recommendations to BOT in June

BOT Approval in July/August

New project submittals – October 2015

Projects quantitative scores released – Spring 2016

Local input points – Spring & Summer 2016

Final project scores – Fall 2016



FUNDING & APPROPRIATION STRATEGIES COMMITTEE MEETING MINUTES

DATE: 6/3/2015 TIME: 1:57 LOCATION: 150

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

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF MAY MINUTES	
DISCUSSION SUMMARY	Moved by Mr. Fearing, seconded by Mr. Debnam
ACTIONS TAKEN	Approved unanimously
2. COST/SAVINGS ON PAINTING NCDOT VEHICLES – MIKE HOLDER	
DISCUSSION SUMMARY	Provided information on the cost involved in painting NCDOT vehicles yellow and the revenue lost in resale value due to the color.
ACTIONS TAKEN	None – received information
3. CASH MANAGEMENT – DAVID TYERYAR	
DISCUSSION SUMMARY	Provided presentation on the cash balance and the improvements being made to improve efficiency.
ACTIONS TAKEN	None – received information
4. UPDATE ON I-77 – DAVID TYERYAR	
DISCUSSION SUMMARY	Provided information on the financing highlights of the I-77 HOT Lanes project.
ACTIONS TAKEN	None – received information

Adjourned: 2:32



FUNDING & APPROPRIATION STRATEGIES COMMITTEE (FAST) AGENDA

BOARD OF TRANSPORTATION

JULY 8, 2015

TIME: 1:30PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order - Approval of June minutes	Cheryl McQueary, Chair	5 minutes
Contracts and Project Management	Randy Garris	20 minutes
Capital Spending	Priscilla Williams	15 minutes
Comments and Wrap-up	Cheryl McQueary, Chair	Adjourn



FAST Committee Briefing

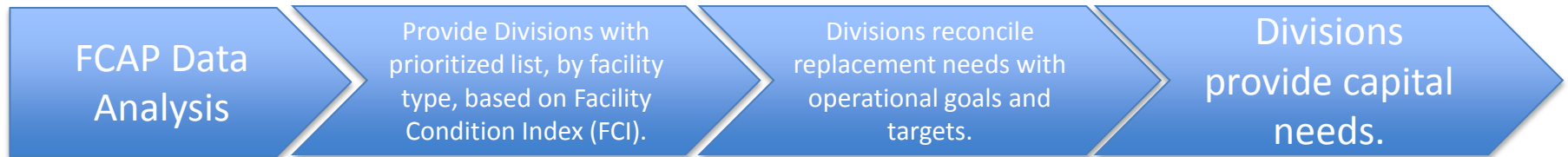
July 8, 2015

Priscilla Tyree Williams, PE
Director, Facilities Management Division
& Capital Projects Coordinator

Agenda

- Capital Improvements Plan Process
 - Facility Condition Assessment Program
 - Capital Projects Prioritization Criteria
- Questions

Capital Improvements Plan Process



Capital Improvements Plan Process

The NCDOT Facility Condition Assessment Program:

- Created and implemented in 2012
- Developed as a result of suspended State Construction FCAP
- Required by General Assembly to justify Department's capital improvements plan
- Comprehensive assessment of the total building condition
- Completed on a three-year cycle
- Data are entered into an EXCEL spreadsheet that utilizes RS Means Construction Data to estimate repair and replacement costs and replacement frequency
- Relies on limited level of subjectivity
- Final score is FCI (Facility Condition Index) = Value of Deferred Repairs/Replacement Value
- $\leq 10\%$ - Excellent
- $> 10\%$ and $\leq 25\%$ - Good
- $> 25\%$ and $\leq 50\%$ - Fair
- $> 50\%$ - Poor

Capital Projects Prioritization Criteria

- FCI
- Operational Needs
- Service Delivery Requirements
- Building Code Compliance and Life Safety Improvements
- Beneficial Use/Repurposing

Questions?



Central Construction Contract Letting Process

Randy Garris
State Contract Officer
July 2015

Pre-Advertisement

- Plan Review
- Proposal/Specifications development
- Contract Time and ICT's specific to the project
- DBE/MBE/WBE contract goals
- Development of Engineer's Estimate

Advertisement

- 4 weeks typical (8 weeks on major projects)
- Legal advertisement in 6 Newspapers across the state
- Invitation to Bid e-mailed to all prequalified contractors
- Post all information on Connect NCDOT Bidding & Letting site as it becomes available (pre and post letting)

Bid Opening

- Third Tuesday of each month
- Bids submitted electronically
- NCDOT downloads bids at 2:00pm and publically broadcasts all bids via Livestream
- Prepare associated letting reports (ITEMC, Bid Tabulations, etc.)

Bid Evaluation

- Low bids between +10% to -15% of the Engineer's Estimate are considered to be within an acceptable range for award
- Low bids greater than 10% above or more than 15% below the Engineer's Estimate require additional evaluation
- Review Engineer's Estimate, gather feedback from bidding contractors
- ITEM C with State Estimating Engineer's remarks provided to Bid Review Committee

Bid Review Committee

- Committee representation (Program Development, Construction, Pre-Construction, Rail Division, Technical Services, and FHWA)
- Committee deliberates on projects that fall outside the acceptable range for award
- Committee Recommendations
 - award/reject
 - award pending finding of Good Faith

Goal Compliance Committee

- Committee representation (Construction, Rail Division, Technical Services, Equal Opportunity and Workforce Services, and FHWA)
- Committee evaluates the Contractors attempts to meet the DBE/MBE/WBE contract goal (Good Faith Effort)
- Staff review and comments presented to Committee for deliberation prior to voting
- Committee Recommendations
 - good faith/non-good faith
- Appeal Process

Secretary Approval

- Award/Rejection recommendations to the Secretary for approval
- Presented to the Board as information
- Issue Award/Rejection letters

Contract Execution

- Contract Bonds and Contract Execution Signature Sheets received from successful bidder
- Contract transmitted to the AG's office for approval
- Final Contract execution by the State Contract Officer

Questions??



HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 6-3-2015 **TIME:** 10:00 AM (following Multi-Modal Committee)
LOCATION: 150

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

AGENDA TOPICS

1. APPROVAL OF MAY MINUTES	
DISCUSSION SUMMARY	
ACTIONS TAKEN	Minutes were approved as written.
2. LOCAL AGREEMENTS - JIMMY TRAVIS, PE, MANAGER, PROGRAMS MANAGEMENT OFFICE	
DISCUSSION SUMMARY	Mr. Travis gave an overview of NCDOT's Local Programs Management Office, the types and purpose of the local agreements they produce, and the processes in place for executing them and managing them. There were questions about enforcement, tracking, compliance, and timeframes. The Committee asked that Mr. Travis return to the Committee in July to continue the discussion, with a special focus on the Board's role and opportunities to expedite execution of agreements.
ACTIONS TAKEN	



HIGHWAYS COMMITTEE AGENDA

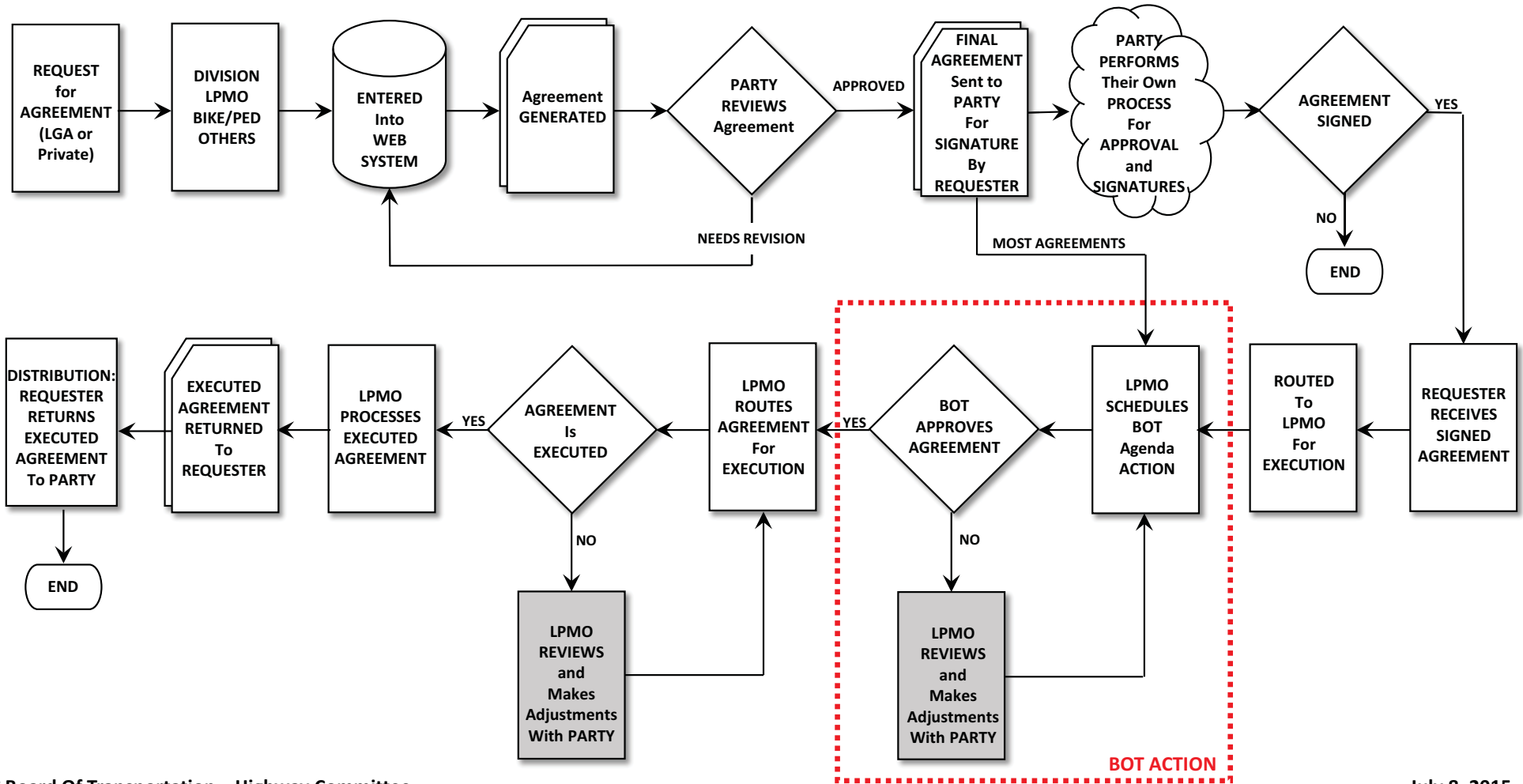
BOARD OF TRANSPORTATION JULY 8, 2015

TIME: The Highway Committee will begin directly after the Multi-Modal Committee

LOCATION: 150

TOPIC	PRESENTER	TIME
Local Agreements, Part II	Jimmy Travis, PE, Director, Transportation Program Management Unit	20 min
Adjourn		

DEVELOPMENT & EXECUTION PROCESS FOR NCDOT MUNICIPAL AGREEMENTS



NCDOT MUNICIPAL AGREEMENTS – BOT ACTION

TYPICAL TIMELINE

						MAY 1
2	3	4	5	6 BOT	7 AGENDA DEADLINE	8
9	10	11	12	13	14	15
16	17 AGENDA TURN-IN	18 X	19	20	21	22
23	24	25	26	27	28	29
30	June 1	2	3	4 BOT	5 AGENDA DEADLINE	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22 AGENDA TURN-IN	23	24	25	26	27
28	29	30	JULY 1	2	3 AGENDA DEADLINE	4
5	6	7	8	9 BOT	10 ☑	11

Illustration of an agreement that is “caught” in the period between BOT Agenda turn in and the next BOT meeting for approval.

The typical agreement has a 27-34 day cycle time for BOT Approval.

Maximum time frame is 7 weeks 2 days during 2015.

On average, we estimate that about 5 or 6 agreements per month on average fall into this category.

Since LPMO was formed in 2008, agreements are processed to minimize delays by:

- Routing TIP and project agreements to BOT action simultaneously with Party signature.
- Adding agreements to the agenda up to the turn-in date.
- Revising the agenda after turn-in date in some cases, if possible.

JULY 2015 AGREEMENTS SUMMARY

Number of Agreements (July 2015):	61
Rails Agreements:	-10
Special Agreements:	<u>-3</u>
Total Municipal Agreements:	47

Of the 47 Agreements awaiting BOT approval for July 2015, 9 have been signed by the LGA and are ready for execution.



MULTIMODAL COMMITTEE MEETING MINUTES

DATE: 6/3/15 **TIME:** 10:00-11:00am **LOCATION:** Board Room

MEETING CALLED BY	Andy Perkins
BOARD ATTENDEES	Andy Perkins, Gus Tulloss, John Lennon, Cheryl McQueary, Jeff Sheehan, Sandra Fountain, Malcolm Fearing, Tracy Dodson, Lou Wetmore, John Lennon

AGENDA TOPICS

1. MAY MINUTES APPROVAL – ANDY PERKINS	
DISCUSSION SUMMARY	Approval of May Minutes.
ACTIONS TAKEN	Motion to approve was made by Malcolm Fearing and seconded by Cheryl McQueary. Motion was approved.

2. ITEM I-1, ITEM I-1A, ITEM I-4 – DEBBIE COLLINS, BOBBY WALSTON	
DISCUSSION SUMMARY	Approval of Public Transportation and Aviation’s funding items.
ACTIONS TAKEN	Motion to approve was made by Sandra Fountain and seconded by Lou Wetmore. Motion was approved.

3. TRANSIT UPDATE – JEFF MANN	
DISCUSSION SUMMARY	Off-site meeting has been postponed to possibly include the full Board, Updates regarding PIP, Unmanned Aircraft Permits Process as well as a Ferry Presentation
ACTIONS TAKEN	Informational

MULTIMODAL COMMITTEE MEETING MINUTES

4. RAIL UPDATE – ALLAN PAUL	
DISCUSSION SUMMARY	Rail had four major events this month. Rail hosted SE Rail Conference on May 6 th in attendance was Sarah Feinberg, FRA Acting Administrator, and USDOT Secretary Anthony Foxx. Raleigh Union Station held its groundbreaking on May 8 th . The Piedmont celebrated its 20 th anniversary and the Carolinian celebrated its 25 th anniversary in May. Wi-Fi was introduced on May 25 th on the Piedmont train.
ACTIONS TAKEN	Informational

5. BICYCLE & PEDESTRIAN UPDATE – LAUREN BLACKBURN	
DISCUSSION SUMMARY	May was National Bike month which included several events such as the Bike to School which partners with DHHS, training events for Watch4MeNC Campaign and a photo contest.
ACTIONS TAKEN	Informational

6. PTD UPDATE – DEBBIE COLLINS	
DISCUSSION SUMMARY	GoTransit partnerships unveiled, Veterans grant that puts in place one-call/one-click service, held training at a MPO conference, PART and WAVE groundbreaking, beginning of public involvement stage of the Durham-Orange County light-rail Maintenance Facility
ACTIONS TAKEN	Informational

7. AVIATION UPDATE – BOBBY WALSTON	
DISCUSSION SUMMARY	Introduced Ted Devens, the new Deputy Director of Aviation, and Chris Gibson who will be helping with the unmanned aircraft permits.
ACTIONS TAKEN	Informational

MULTIMODAL COMMITTEE MEETING MINUTES

8. FERRY PRESENTATION – Ed GOODWIN	
DISCUSSION SUMMARY	Presentation on the Shipyard located at Manns Harbor in which Ferry Division maintains 22 vessels. The Shipyard holds Docking, Hull, Paint and Mechanic Departments that repairs, rebuilds, maintains, modernizes and expands the various vessels. The Passenger Ferry Feasibility Study should be completed by Fall 2015.
ACTIONS TAKEN	Informational



MULTIMODAL COMMITTEE AGENDA

BOARD OF TRANSPORTATION JULY 8, 2015

TIME: 10:30am

LOCATION: Board Room

TOPIC	PRESENTER	TIME
Call to Order	Andy Perkins	10:30
Approval of Minutes	Andy Perkins	10:30-10:35
Funding Items (PTD, Rail)	Transit Directors	10:35-10:40
Transit Update	Jeff Mann	10:40-10:45
Aviation Division	Bobby Walston	10:45-10:50
Bike & Pedestrian Division	Lauren Blackburn	10:50-10:55
Public Transportation Division	Debbie Collins	10:25-11:00
Ferry Division	Ed Goodwin	11:00-11:05
Rail Division – Rail Plan Presentation	Paul Worley	11:05-11:30



Public Transportation News July 2015

Governor's Award for Public Transportation Presented to Interim CEO of CATS

John Muth, Interim CEO of the Charlotte Area Transit System (CATS) was presented the 2015 Governor's Award for Public Transportation on June 9, 2015 by the N.C. Department of Transportation Public Transportation Division at the NCPTA conference in Concord. CATS provides public transportation to the residents of Charlotte. John has served as Deputy Director/Chief Development Officer for CATS since 2000. His responsibilities include planning and implementation of rapid transit projects, multi-modal facilities, transit centers, park-and-ride facilities, and passenger projects and programs.

He received his Bachelor and Master's degrees in Civil Engineering from West Virginia University and is a NC Professional Engineer.



PTD NCPTA Conference Features

NCDOT Public Transportation Division had several projects featured at the NC Public Transportation Association Conference in Concord, June 8-10, 2015. Nancy Painter conducted a pre-conference procurement training. Debbie Collins shared FY 15 achievements, current activities, future goals and expectations in a general session on Monday. Limited Service Agreement (LSAs) contractors shared final project status on the following: (1) Facility Maintenance Template (PB), (2) Fleet Camera Surveillance Program (Cherry Consulting) and (3) Training Toolkit (RLS & Associates). Craig Hughes (PTD) and Kai Monast (ITRE) also made presentations on the PTD changes to the Strategic Transportation Investment (STI) criteria and the Economic Benefits of Transit study. It was a great opportunity for some of the work accomplishments to be shared with our fellow professionals. PTD Staff also participated in the set up and scoring of the Bus and Van Roadeo.





Funding Study Update

The funding study work group met on May 27, 2015 to hear the Peer Review results from the following state transit programs: Florida, Washington, Indiana and Pennsylvania. The Federal Transit Administration formula programs and how the funding flows to North Carolina were also discussed. The 2010 census brought a shift in NC's population from a rural populated state (3.9% decrease) to an urban populated state (39.1% increase). This has also created a change in funding and an eligibility change of which funds are available to which community.

The next step of the study is to replicate the federal funding program and look at scenarios to distribute funds to each county / urbanized area. With a goal of simplifying processes, it is also an opportunity to look at the use of state funds and maximizing their use in the funding program areas.



Strategic Plan

The Public Transportation Division has been awarded Strategic Planning and Research (SP&R) funds for a statewide strategic plan. The funds are for FY 16 - FY17 and total \$750,000. The plan efforts will start in January 2016.

FTA Grant Approvals for FY 16

The Public Transportation Special Knowledge teams worked hard to get the grants submitted to FTA by April 1. Our Fiscal section has also worked hard with NCDOT Fiscal to get projects set up with matching state funds, waiting on the Federal funds approvals. The FTA approvals are coming in and we are now working to set up the Federal funds so sub recipient agreements can be released around July 1. Thank you staff, NCDOT fiscal and FTA for working on these approvals!





Pam Hawley Receives NCPTA Milestone Award


Pam Hawley joined the Public Transportation Division October 25, 2003. She has served the middle of the state as a Mobility Development Specialist. Pam has been instrumental in managing many program areas for the Public Transportation Division. Starting with the Rural Operating Assistance Program (ROAP), Pam created a State Management Plan for the program and assisted with training on using ROAP funds to match other FTA grant programs. She is currently on the FTA 5310 / 5339 Special Knowledge team and has assisted in the calls for projects and grant submissions for 5310. In recent months, Pam has worked and pulled together detailed information on how the Mobility Development Specialists can be instrumental in helping PTD meet its oversight and audit expectations. She has worked tirelessly in creating formats for 2 structured site visits – one with an operational focus and the second with a best practice focus. She has trained her co-workers on these instruments and we have completed the first site visit and are finishing the 2nd. Pam has announced a September 1, 2015 retirement date. Her knowledge of PTD programs is vast and PTD will lose a lot of the historical perspective when she retires. Congratulations Pam and thanks for your service!

SAVE THE DATE

The NCDOT Public Transportation Annual Training Conference will be October 12-14, 2015
at the North Raleigh Hilton

Brunswick Transit Ribbon Cutting and Open House

Wednesday, June 17, the Brunswick Transit system held a ribbon cutting for their new facility in Shallotte, NC. Brunswick Transit has worked with Brunswick County to secure this new location.



Please join us for our
Open House and Ribbon Cutting
On June 17th
12:00 P.M. to 3:00 P.M.
Brunswick Transit System
5040 Main St. Shallotte, NC



NCDOT Rail Division

COMPREHENSIVE STATE RAIL PLAN



Executive Summary *Implementing the 25-Year Vision*

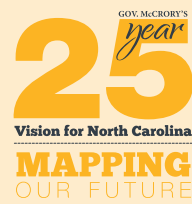


Photo: Matt Donnelly



Photo: Adam Schultz



Pat McCrory, Governor of North Carolina
Anthony J. Tata, Secretary of Transportation
Jeff Mann, Deputy Secretary for Transit
Paul C. Worley, Rail Director

July 2015



Introduction

The North Carolina Department of Transportation (NCDOT) Rail Division developed this Comprehensive State Rail Plan (State Rail Plan) to help identify needs and guide investments in the state's freight and passenger rail network for the next 25 years.

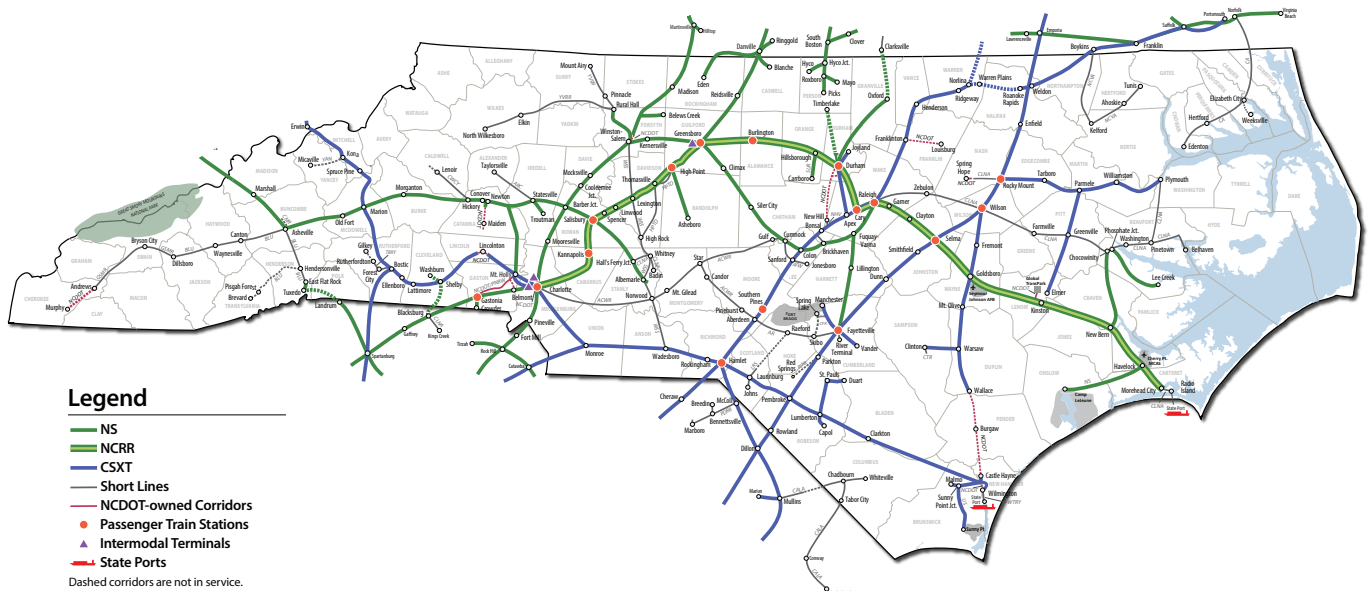
The purpose of the State Rail Plan is to:

- Establish the public vision for the state rail system and support the state's goals and policies to improve freight and passenger rail transportation.
- Analyze and prioritize rail corridors, programs, and proposed projects.
- Propose future improvements and investments, and assess funding options.
- Provide a current inventory of the rail system and identify trends, markets, and needs.
- Describe how programs managed by the NCDOT Rail Division work together with other government agencies, businesses and industries to deliver a comprehensive set of rail services that are integrated into the state's overall transportation system.

Today there are over 3,200 miles of railroad in North Carolina, serving 86 of the state's 100 counties.

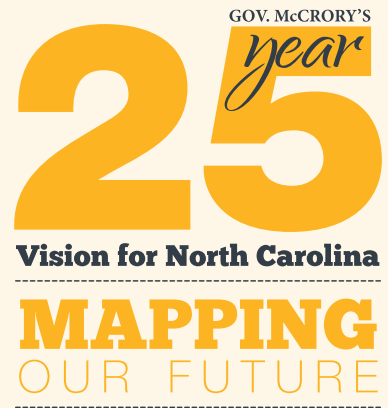
North Carolina's Rail System is shown in Figure 1

Figure 1: North Carolina's Rail System



The State Rail Plan is a component of the state's long-standing rail planning practice and Governor McCrory's 25-Year Vision for North Carolina, which includes the following rail-related goals:

- Improve rail connections between military bases and ports
- Intermodal facilities to support freight shipping, and scheduled intermodal service to Port of Wilmington
- Improved rail access to Global TransPark and Port of Morehead City
- Economically competitive rail service to inland ports
- Improve rail and seaport connections to I-95 to serve the Eastern US
- Expand mass transit options, including rail
- Expand access to passenger rail options in all regions of the state



Development of the State Rail Plan

A broad cross-section of railroads, rail-user and agency stakeholders and the general public were engaged throughout the plan development process. This included guidance and input from NCDOT staff, as well as meetings with a Technical Advisory Committee (TAC). TAC members included CSX Transportation (CSXT), Norfolk Southern Railway (NS), North Carolina Railroad Company (NCRR), the Railway Association of North Carolina, NC Department of Agriculture and Consumer Services, NC Department of

Commerce, and the NC Center for Global Logistics. The outreach process was designed to incorporate input along with data considerations in assessing existing conditions, evaluating passenger and freight rail corridors and services, and developing plan recommendations. Figure 2 depicts the process used to develop the State Rail Plan. Table 1 shows how initiatives identified in the State Rail Plan will help implement the Governor's 25-Year Vision.

Figure 2: Rail Planning Process

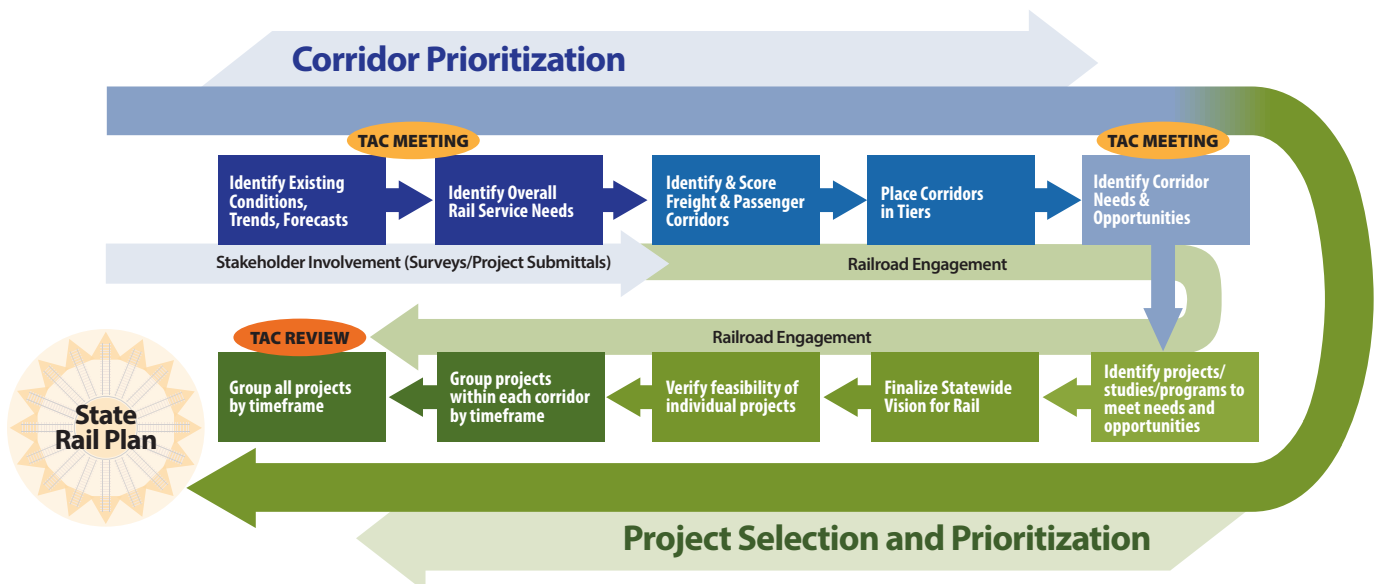


Table 1: Governor’s 25-Year Vision and the State Rail Plan

Region	Regional Solution	Next Steps
Coastal	Develop Intermodal Train Service to the Port of Wilmington	<ul style="list-style-type: none"> Identify capacity and safety needs along CSXT and Wilmington Terminal Railway corridors in Wilmington In partnership with CSXT, study capacity improvements to the CSXT system in Eastern NC that would increase freight capacity Construct bridges at the north gate and container terminal to separate railroad and truck traffic at the Port of Wilmington
	Continue to seek opportunities to develop intermodal facilities along the I-95 Corridor to support freight shipping	<ul style="list-style-type: none"> Evaluate the development of an intermodal facility to serve the Triangle Region and Eastern NC Consider the potential roles for North Carolina State Ports and regional ports for this intermodal service
	Leverage public-private partnerships to complete the development of Radio Island and support enhanced rail access to the Port of Morehead City	<ul style="list-style-type: none"> Evaluate economic feasibility of relocating the NCRR along a new alignment between Morehead City and Havelock, allowing trains to access Radio Island from the east Work with the North Carolina State Ports Authority and Carolina Coastal Railway to develop a loop track at the port Support development of other frontage roads or superstreet intersections to help reduce highway-rail conflicts in Morehead City
Eastern	Support economically competitive rail access to the Global Transpark (GTP) and Port of Morehead City	<ul style="list-style-type: none"> Construct a rail line from GTP in Kinston to the CSXT line parallel to NC 11 in Lenoir County
	Improve connections to the I-95 corridor from rail and seaports to serve markets throughout the Eastern US	<ul style="list-style-type: none"> Provide access to the Mid-Atlantic Industrial Rail Park, a 1,025-acre CSXT-Select Site in Leland, Brunswick County Evaluate feasibility of a new rail crossing of the Cape Fear River to eliminate the need for trains to traverse through Wilmington to access the Port of Wilmington
Central	Improve highway connections and seek economically competitive rail service to inland ports in and around Charlotte	<ul style="list-style-type: none"> Construct siding extension at Stouts in Union County Support the Phase III Expansion of CSXT’s Charlotte Intermodal Terminal Evaluate improvements along the CSXT rail line between Charlotte and Pembroke Relocate the Aberdeen Carolina & Western Railroad in Mecklenburg County
	Improve highway connections and expand airfreight and rail capabilities to support the Triad Logistics Hub	<ul style="list-style-type: none"> Construct rail spur at Piedmont Triad International Airport Convert NS “Roundhouse” property adjacent to Greensboro Intermodal facility into parking and container storage
	Ensure infrastructure plans recognize the development of megasites in the region and support their ability to attract new businesses in targeted industry clusters.	<ul style="list-style-type: none"> Provide access to the 1,000-acre I-85 Corporate Center in Davidson County Conduct a study to identify infrastructure needs required to support industries targeted for the 1,800-acre Chatham-Randolph Megasite Support access to the Project Legacy Megasite in Union County
	Support the expansion of mass transit options in high-growth areas to address the needs of changing demographic, congestion and land development concerns	<ul style="list-style-type: none"> Plan to accommodate potential commuter and light rail in the Triangle, Triad and Metrolina regions. NCDOT will work with the regions as they develop their plans.
Western	Provide industrial access to freight rail lines to accommodate expanding agribusiness and economic development while fully utilizing our multimodal transportation system	<ul style="list-style-type: none"> Evaluate operational improvements to the CSXT freight and intermodal network from TN to Charlotte Reactivate Andrews to Murphy line to accommodate potential freight movement
Comprehensive	Expand access to passenger rail options in all regions of the state to accommodate a changing demographic, address congestion issues and meet regional transportation needs	<ul style="list-style-type: none"> Continued development of the Southeast Rail Corridor Work with project sponsors and stakeholders to evaluate intrastate passenger rail for commuter and light rail in existing and emerging urban/suburban corridors Statewide Thruway Bus service expansion Analysis of capacity and potential of existing stations to accommodate needs, and potential positive economic impacts to surrounding land uses

Economic Impacts of Rail in North Carolina

Freight and passenger rail networks contribute approximately \$1.88 billion in direct economic impacts per year for North Carolina. For freight, this reflects savings in shipping costs (rail vs. truck), pavement costs (i.e. wear and tear on roads), and congestion costs (travel time impacts for other vehicles based on the number of trucks on the road). For passenger rail, this includes direct operator jobs, purchases of goods and services, and tourist spending, as well as pavement and congestion savings from trips that would otherwise be made by automobile.

In addition to the direct economic impacts, broader social impacts generate approximately \$311 million in emissions and safety impacts annually as a result of the truck and

Freight and Passenger Rail directly contribute \$1.88 billion to North Carolina's economy, annually.

auto vehicle miles traveled (VMT) avoided due to the use of freight and passenger rail in the state. These broader social impacts are shown using recommended economic values, but do not translate into spendable dollars in the North Carolina economy. Table 2 summarizes the annual direct economic impacts associated with freight and passenger rail in North Carolina. Table 3 presents direct jobs associated with rail in North Carolina.

Table 2: Economic Impacts of Rail Services in North Carolina

	Freight (2014 dollars)	Passenger (2014 dollars)*
Direct Economic Impacts		
User Cost Savings (Shipper)	\$1,496M	
Amtrak Wages and Purchases		\$89M
Incremental Tourist Spending		\$2M
Great Smoky Mountains Railroad (GSMR) Direct Wages and Purchases		\$6M
GSMR Tourist Direct Spending		\$16M
Pavement Savings**	\$96M	\$4M
Congestion Savings**	\$162M	\$4M
Total	\$1,754M	\$121M
Broader Social Impacts**		
Auto and Truck Emissions	\$118M	\$2M
Auto and Truck Safety	\$173M	\$18M
Total	\$291M	\$20M

Source: AECOM analysis of Class I 2011 Waybill, Amtrak 2012 and 2014, Southeast High Speed Rail, and GSMR 2007 data.

Tourist spending, pavement savings, congestion savings, auto emissions, and safety for passenger rail are based on trips to North Carolina that would not have been made without rail.

** Excludes GSMR impacts.

Table 3: Direct Jobs from Rail in North Carolina

	Freight (2012)	Amtrak (FY2014)	GSMR (2007)	NCRR (2015)
Estimated Direct NC Employment				
	2,600	162	65	13

Sources:

Freight: NC Maritime Strategy Technical Memorandum – North Carolina Railroads Existing and Planned Infrastructure, AECOM May 2012 (for Class Is and short lines).

Amtrak: Amtrak Fact Sheet, Fiscal Year 2014, <http://www.amtrak.com/pdf/factsheets/NORTHCAROLINA14.pdf>

GSMR: Inhyuck “Steve” Ha, Hillary M. Sherman, and Jessica Hollars, “Smoky Mountain Host Highway 19 Corridor Study Phase 1,” March 2009.

NCRR: NCRR, 2015.



The Piedmont passenger and NS freight trains side by side in Salisbury. Photo: Marcus Neubacher

Freight Rail System

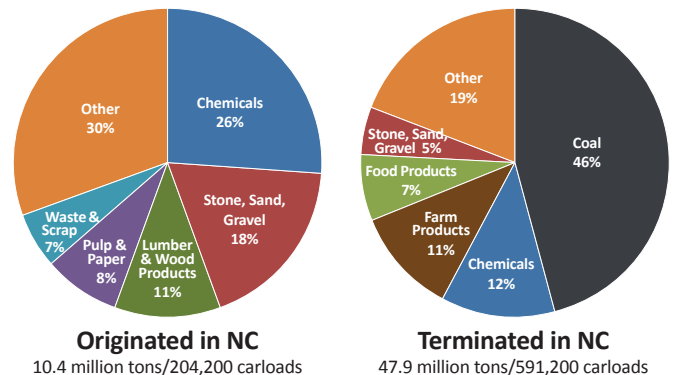
The state is served by two Class I railroads – Norfolk Southern Railway and CSX Transportation – and 20 short line railroads that connect businesses and industries to the Class I network.*

**Class I railroads are railway companies having annual carrier operating revenues of at least \$467 million, short lines have revenues less than \$37 million. Source: Surface Transportation Board*

In addition to the two Class I and 20 short line railroads, the North Carolina Railroad (NCR) Company owns and manages a 317-mile corridor extending from the Port of Morehead City to Charlotte, which is leased and operated by NS. The freight rail network in North Carolina provides service to ports, power plants, mines, military installations, and industries. Freight railroads support jobs for about 2,600 railroad employees in the state.

The types and percentages of commodities carried by rail originating and terminating in North Carolina are shown in Figure 3. Class I rail corridors, volumes and key facilities are shown in Figure 4.

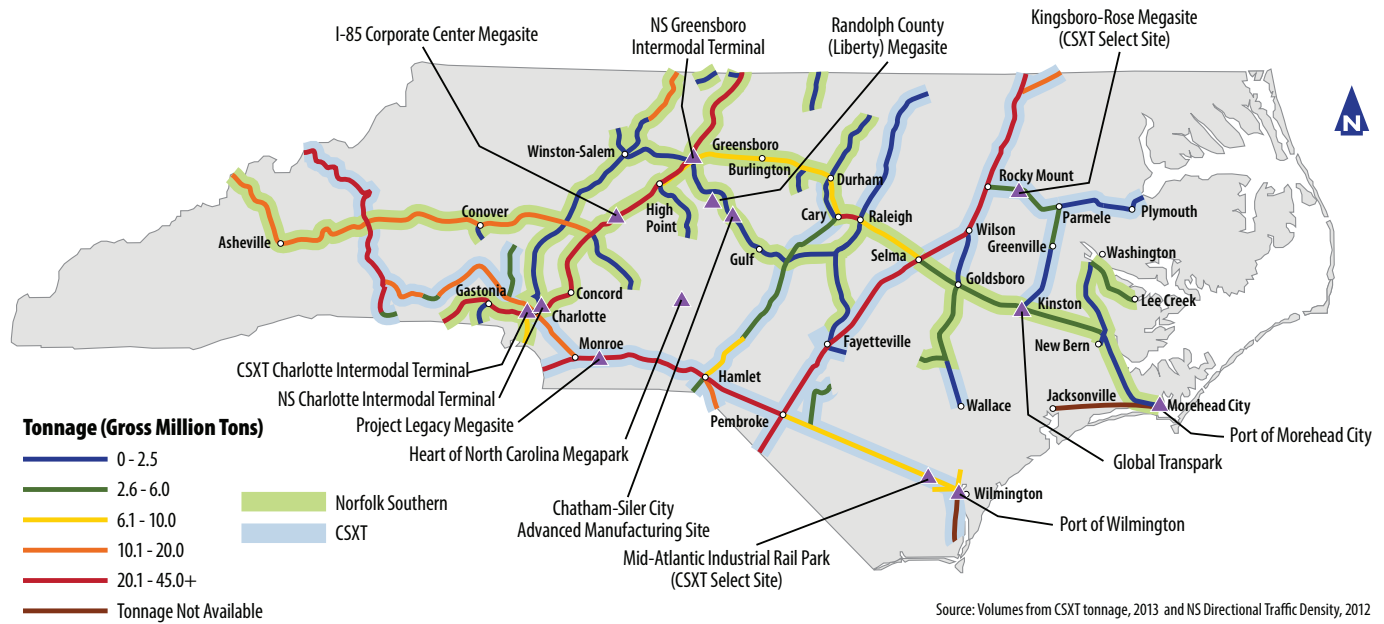
Figure 3: 2012 STB Waybill Summary – Commodities Carried by Rail Originating and Terminating in NC*



NS freight switches cars at an industry. Photo: Adam Schultz

*Through volumes averaged 38M tons (615,000 carloads) over the last 10 years. Source: Association of American Railroads (2012)

Figure 4: Class I Rail Corridors, Volumes and Key Facilities



Freight Rail Trends

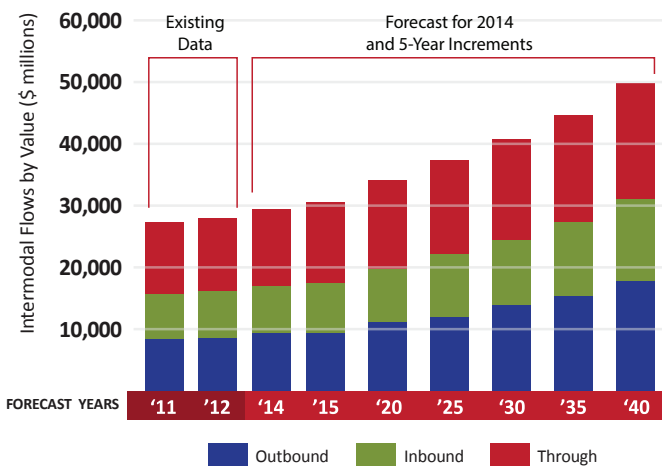
Demand for movement of freight is on the rise. Rail is a critical component in meeting the needs of industries and consumers. Over the next 25 years, the following commodity and rail trends are anticipated.

- Freight can be moved more efficiently by rail and intermodal rail than by truck only. One ton of freight can be moved by rail approximately 413 miles using one gallon of fuel.
- Rail and intermodal rail can be used to help reduce the exclusive use of congested highways to move freight to, from, and within North Carolina.
- Freight demand in North Carolina will increase as population increases. The Progress Report for the National Rail Plan indicates that, on average,

Americans require the freight system to move 40 tons of freight per person, annually.

- Intermodal shipments to and from North Carolina are anticipated to grow by 2.2% and 2.5% per year by value (1.9% and 2.1% by weight).
- Growth in intermodal shipments is anticipated on the existing NS and CSXT networks. This trend is consistent with NS’s Crescent Corridor Initiative and CSXT’s National Gateway Program. Both programs will increase volume on the railroads’ primary north-south corridors through North Carolina.
- Reduction in coal shipments passing through and terminating in North Carolina provides network capacity to accommodate growth in other commodities.
- Domestic production of energy is anticipated to drive growth in manufacturing in North Carolina.
- Growth is expected in high value commodities such as chemicals and plastics, as well as in developing energy-source commodities such as natural gas and wood pellets.
- Increases in North Carolina production of plastics, dyes, scrap metal and aggregate will result in growth of shipments to neighboring states.
- Illinois, Louisiana and Canada are growing in importance for plastics and chemicals shipped to and from North Carolina.
- Shipments of freight originating in North Carolina to the Midwest and through Virginia ports are growing.

North Carolina Intermodal Rail Flows by Value



Freight Rail Needs and Opportunities

After evaluating economic, freight and population data and trends, reviewing related studies, and conducting stakeholder outreach efforts, the following freight rail service needs and opportunities were identified.

As recommended in the Eastern Infrastructure Improvement Study (prepared in accordance with Senate Bill 402 Section 34.23 (2013 General Assembly)), the State of North Carolina should establish the **Secretary of Transportation's Freight Intermodal Advisory Council** to help leverage strategic infrastructure investment to foster economic growth and create jobs. The Freight Intermodal Advisory Council should include, but not be limited to the Board of Transportation and the boards of the NC Department of Agriculture and Consumer Services, Department of Commerce, the Global TransPark and NC State Ports Authority. Private entities with state interest will be invited to join the Council, such as the North Carolina Railroad Company, representatives of the trucking industry, and shippers.



Track Improvements at Port of Wilmington

The Secretary's Intermodal Advisory Council can lead efforts to:

- Cultivate ongoing partnerships between metropolitan planning organizations/rural planning organizations and railroad companies serving each region to build understanding and improve economic development through coordinated transportation and land-use planning.
- Develop a program to restore and add customers to existing lines where volumes have declined, yet some customers remain.
- Increase transload opportunities on congested corridors to divert more truck traffic to railroads by developing a state-level grant program for transload facility development, operation, and maintenance. The program will help optimize siting based on evolving market needs and transport network congestion.

Additional freight rail needs and opportunities are described below.

- Prepare for the emergence of the energy industry in North Carolina that will add freight traffic.
- Continue leading and investing in our nationally-recognized best practice safety program that improves at-grade highway-rail crossings and builds new grade-separated crossings. The program has helped reduce the number of train-car crashes from 244 in 1988 to 51 in 2014.
- Implement the short-term solutions, and plan for the long-term recommendations, presented in the Eastern Infrastructure Study for GTP, the Port of Morehead City and the Port of Wilmington. These solutions include, but are not limited to the following:

Port of Wilmington and Wallace to Castle Hayne

- Continue to preserve the right of way for and seek Department of Defense funding to restore the Wallace to Castle Hayne corridor.

Port of Wilmington

- Continue efforts to work with CSXT to identify actions that will lead to regular rail intermodal service to the Port of Wilmington.
- Pursue implementation of recommendations from the ongoing Wilmington Traffic Separation Study of rail crossing consolidation and safety upgrades to improve safety and efficiency of rail and vehicular flow into Port of Wilmington.
- Pursue environmental, planning and conceptual design studies for the construction of a highway-railroad grade separated access at the North Gate of the Port of Wilmington. Separated access would improve safety, reduce vehicular congestion, and significantly increase rail capacity.
- As future traffic volumes grow at the Port of Wilmington, investigate the feasibility of a new rail bridge across the Cape Fear River from the port area connecting to the rail network in Brunswick County. This would remove port rail traffic from Wilmington.

Global TransPark

- Lease the GTP spur (owned by NCDOT) to a private rail operator.
- Examine GTP's authority to optimize its competitiveness for state and federal grant funds for capital improvement projects.

- Investigate retaining state ownership of the former North Carolina Railroad Company Water Access property in New Bern, currently owned by the Department of Administration, as a potential barge transload facility for oversized cargo loads.
- To prepare for the long term, conduct the environmental analysis for a CSXT spur from the GTP to railroad point “Elmer” in Kinston and obtaining the advance right-of-way.

Port of Morehead City

- In the short term, pursue a super-street style advanced and coordinated traffic plan to reduce rail and truck port traffic conflicts with vehicle and pedestrian traffic on US-70 Arendell Street.
- Implement an on-port loop track to build/break unit trains.
- Establish the GTP to Morehead City Highway and Rail Mobility Corridor and continue to evaluate a potential Northern Carteret Rail and Highway Bypass as market conditions evolve.
- Maintain short line support programs such as the Rail Industrial Access Program and Short Line Infrastructure Assistance Program via Freight Rail & Rail Crossing Safety Improvement funds (FRRCSI) to aid NC industries in accessing Class I rail networks. FRRCSI is currently funded through the NCRR Company annual dividend.
- Continue efforts to partner with railroads to evaluate placing an intermodal facility in Eastern NC or Eastern Piedmont to help mitigate future highway congestion’s impacts on the Triangle region’s access to intermodal service(s) that are currently located in Charlotte and Greensboro. A facility may also support agriculture and related industries in Eastern North Carolina and enhance the ability of goods to reach domestic and international markets. Also, support the expansion of existing CSXT and NS intermodal facilities in Charlotte and Greensboro.
- Leverage private sector rail capacity investments and augment them to foster truck-to-rail mode shifts. For example, mobilize collateral efforts as appropriate, such as rail training programs to offset the declining numbers of truck drivers.
- Support the Secretary of Transportation’s initiative to identify rail industry workforce education and training needs and meet them through with the community college system.
- Preserve corridors for future uses.

Freight Rail Projects and Benefits

The State Rail Plan includes projects to improve freight rail systems and goods movement across the state. Freight rail projects along with funding needs by time period and funding sources are presented in Tables 4 and 5 for Class I railroads and short lines, respectively. Near-term projects and major freight studies to be undertaken are noted in Figure 5. Mid and long-range projects are described in detail in the plan and are summarized. The near-term projects on the Class I network are eligible for funding by NCDOT’s Strategic Transportation Investment Program. Identified short line projects in Table 6 are eligible for funding by FRRCSI.



The projects prioritized as near term were analyzed in detail to compare the benefits of each project to its capital and operating costs. A benefit-cost analysis (BCA) ratio is provided in the last column of Table 4 and Table 5. A BCA is a ratio that compares the sum of a project’s or program’s benefits to its cost. Typically, a BCA ratio of 1.0 says that the benefits and costs are equal over the analysis period, and a BCA ratio over 1.0 demonstrates that there are more quantifiable benefits than costs for the project or program. Alternately, a BCA ratio of less than 1.0 may indicate that there are not enough benefits to outweigh the costs, or that all of the benefits are not quantifiable at this time. As train volumes grow and markets change, BCAs should be reassessed to capture all available benefits.



Driving the final spike for the new Greenville Transload track

Table 4: Class I Freight Rail Projects Currently Funded*

Class I Projects and Needs – Funded by Strategic Transportation Investments/Strategic Mobility Formula	Near Term (2015-2019) Funded Projects	BCA Ratio for Near Term Projects	
		Discounted at 7%	Discounted at 3%
New Norfolk Southern Thoroughbred Bulk Terminal (TBT) Facility in Charlotte	\$976,000	1.70	1.97
Container parking/storage adjacent to Norfolk Southern’s Greensboro Intermodal Facility (<i>converts former Roundhouse property</i>)	\$1,695,000	10.22	13.11
CSXT - 10,000 foot siding extension at Stouts in Union County. Creates passing siding on segment of single track that benefits freight and intermodal traffic	\$10,600,000	9.87	14.77
Upgrade rail along US 52 in Albemarle (<i>Stanly County</i>) to allow for freight	\$2,126,000	1.10	1.39
Subtotal	\$15,397,000		
Funded by State	\$8,549,000		
Funded by CSXT	\$5,300,000		
Funded by NS	\$1,549,000		

*Cost estimates for these projects based on NCDOT estimates submitted for STI. Costs are in 2014 dollars.

Table 5: Additional Class I Freight Rail Projects *

Project Category	Mid Term 2020-2024	Long Term 2025-2040
CSXT Track Improvements/New Access (1 near-term and 2 long-term projects)	\$3,600,000	\$187,400,000
CSXT Intermodal Terminal and/or Rail Yard Improvements (2 projects)	\$62,000,000	
CSXT Safety/Crossing Safety Improvements/Grade Separations (5 projects)	\$39,781,988	
NS Track Improvements/New Access (4 projects)	\$13,000,000	\$200,000,000
NS Rail Yard Improvements (3 projects)	\$9,000,000	
NS Safety/Crossing Safety Improvements/Grade Separations (11 mid-term and 3 long-term projects)	\$219,115,000	\$57,363,000
Grade separate NS Mainline and CSXT SF Line	\$257,000,000	
Wood pellet and natural gas fracking projects	\$36,000,000	
Preservation of threatened rail lines	\$6,000,000	\$6,000,000
Bridge and structures on NCDOT-owned corridors	\$6,000,000	\$6,000,000
Totals	\$651,496,988	\$456,763,000

* Potential Funding by state and/or federal programs. Estimates for projects based on estimates submitted as candidates for STI and submissions from Metropolitan and Rural Planning Organizations. Costs are in 2014 dollars.

Table 5 presents additional Class I needs that are not currently funded. The projects are presented in aggregate, but are categorized as either on the CSXT or NS network and by project type. Project categories include track improvements and access, intermodal terminal and/or rail yard improvements, and crossing safety and grade-separation projects.

Crossing safety and grade-separation projects that have been implemented through NCDOT’s nationally-recognized safety program have had demonstrated success in North Carolina in reducing train-car crashes from 244 in 1988 to 51 in 2014.

The benefits of the other two categories of projects are demonstrated by the benefit-cost ratios of the funded projects of similar types (see Table 4). Investment in improvements to the freight and intermodal network results in operational efficiencies and savings to industries and shippers. In addition, beyond the direct jobs associated with the rail industry, improvements to access and enhancements to the network support indirect jobs, increase volumes on the rail network, and can help support job creation, though there are other factors in the economy that also play a role. As an example, from 1994 to 2013, the Rail Industrial Access Program provided grants to 71 industries; these grants have helped support industries that employ 6,105 people and leveraged matching private investments. The Rail Industrial Access Program is now funded through the Freight Rail & Rail Crossing Safety Improvement fund. FRRCSI also funds the Short Line Infrastructure Assistance Program and

safety projects that help reduce train-car collisions. Due to the multiple benefits of the program, continued investment in FRRCSI is recommended. Other policy and finance recommendations are included on page 17 of this summary.

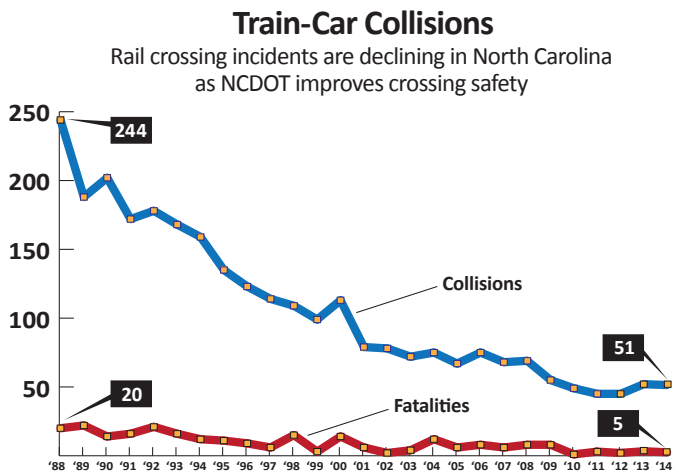


Table 6: Short Line Freight Rail Projects

Short Line Projects and Needs – Eligible for Funding by Freight Rail & Rail Crossing Safety Improvement Fund (FRRCSI)	Funding Needs by Time Period (2014 dollars)			BCA Ratio for Near-Term Projects	
	Near Term 2015-2019	Mid Term 2020-2024	Long Term 2025-2040	Discounted at 7%	Discounted at 3%
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*	\$2,370,000	\$1,135,000	\$2,070,000		
Relocate ACWR (Mecklenburg County)		\$16,500,000			
Front Street Lead Track Signals and Gates (New Hanover County)	\$900,000			0.76	N/A
Andrews to Murphy Reactivation (Cherokee County)		\$16,400,000			
Loop track at the Port of Morehead City (Carteret County)		\$5,000,000			
Grade Separation at Port of Wilmington North Gate (New Hanover County)**	\$25,000,000			3.37	N/A
Grade Separation at Port of Wilmington Container Gate (New Hanover County)	\$25,000,000			0.15	N/A
Total – Short Line Project Needs	\$94,426,000	\$74,470,000	\$82,206,000		

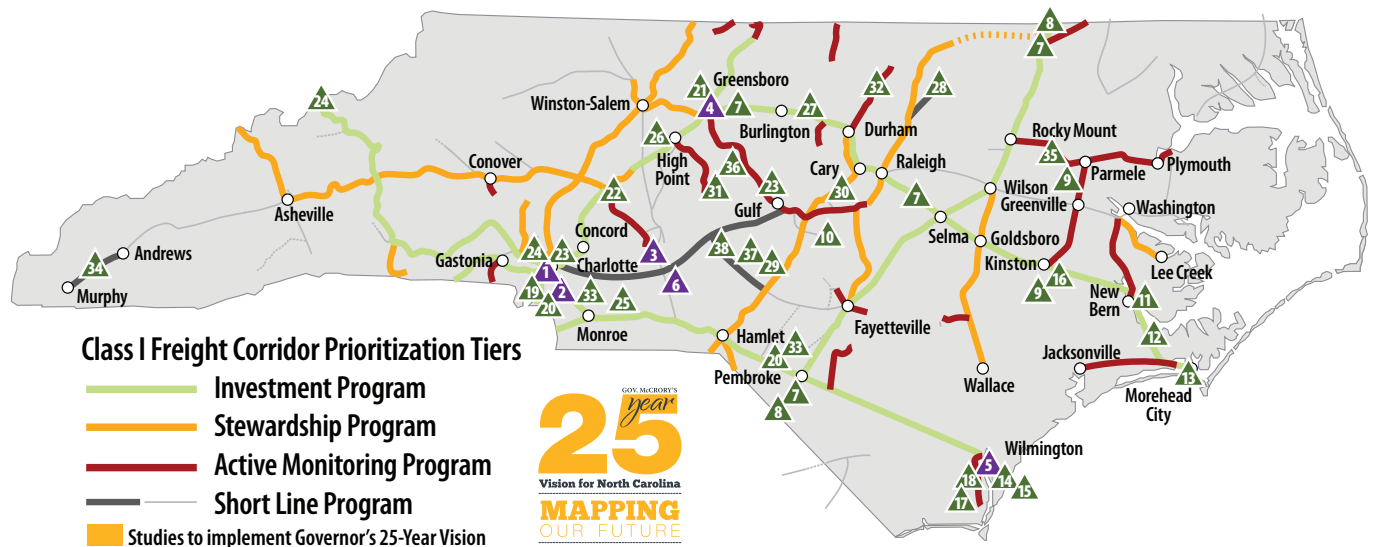
* Based on 11 short line survey responses

** If identified by a Traffic Separation Study, could potentially be funded by highway/rail grade separation funds; North Gate has excellent Benefit Cost ratio based on existing operations. As train volumes increase as port volumes grow, the BCA's for the Front Street and Container Gate projects will improve. These improvements help implement the Governor's 25-Year Vision to enhance access to the ports.

Proposed Freight Rail Studies

Several freight rail studies have been identified in the State Rail Plan. Freight rail studies that help implement the Governor’s 25-Year Vision are identified in Table 1, and shown in Figure 5 below. More information on these studies and additional studies identified are described in Chapter 5 of the State Rail Plan.

Figure 5: Freight Corridor Priorities to Implement the Governor’s 25-Year Vision



Freight Program – Near-Term Improvements

1. NS Thoroughbred Bulk Transfer (TBT) Facility in Charlotte
2. CSXT-10,000 ft. Siding Extension at Stouts in Union County
3. Upgrade NS along US 52 in Albemarle in Stanly County
4. Container Parking/Storage Adjacent to NS Greensboro Intermodal Facility (Converts former roundhouse)
5. Grade separation at Port of Wilmington Gates; Front Street Crossing Improvements
6. Expand transload facility in Anson County

Studies to Implement the Governor’s 25-Year Vision and Other Identified Needs

7. Eastern Intermodal – Identify location (along CSXT or NS Corridors) for a potential new intermodal facility that supports agriculture, food manufacturing and industry in Eastern NC, and supports Triangle Region’s access to intermodal service as highway congestion impacts terminals in Charlotte and Greensboro
8. CSXT Capacity Studies in Eastern NC – Freight Movement Passenger Interoperability
9. Emerging Market Needs – e.g. wood pellets
10. Emerging Market Needs – e.g. hydraulic fracturing
11. As part of the GTP to Morehead City Mobility Corridor, assess a rail bypass of New Bern, parallel to proposed US 70 New Bern Bypass in conjunction with NCR
12. As part of the GTP to Morehead City Mobility Corridor, in conjunction with NCR, relocate NCR from Port of Morehead City to Havelock (dependent on substantial increases in port traffic)
13. Implement short-term projects identified in SB 402 studies to reduce highway railroad conflicts in Morehead City and add loop track on port terminal
14. At-grade crossing improvements – WTRY and CSXT accessing the Port of Wilmington
15. Identify capacity needs through Wilmington to enhance connectivity to the Port
16. New rail line from GTP in Kinston to the CSXT line parallel to NC 11 in Lenoir County
17. Provide access to the Mid-Atlantic Industrial Rail Park, a 1,025 acre CSXT-Select Site in Leland, Brunswick County
18. Evaluate feasibility of a new Cape Fear River crossing.
19. Phase III expansion of CSXT’s Charlotte Intermodal Terminal
20. Study operational improvements along CSXT between Charlotte and Pembroke
21. New rail line to serve the Triad Logistics Hub at Piedmont Triad International Airport
22. Provide access to the 1,000 acre I-85 Corporate Center Megasite in Davidson County
23. Identify infrastructure needs required to support industries targeted for the 1,800 acre Chatham-Siler City Advanced Manufacturing Site
24. Identify operational improvements to the CSXT freight and intermodal network from Tennessee to Charlotte; Grade separate CSXT SF Line and NS Mainline in Charlotte
25. Identify infrastructure needs required to support the Project Legacy Megasite in Union County
26. Improvements to Linwood Yard, Pomona Yard, Jamestown siding, Kimberly Clark lead track, and multiple grade separations between Charlotte and Greensboro
27. Multiple grade separation projects between Greensboro and Raleigh
28. Two grade separation projects between Raleigh and Norlina
29. CSXT Automotive Distribution Terminal in Lee County
30. Multiple grade separation projects in Apex and Cary
31. Improve NS siding in Sophia
32. Upgrade NS Corridor from Durham to Oxford
33. Relocate Aberdeen Carolina & Western Railroad in Mecklenburg County
34. Reactivate the Andrews to Murphy line for freight movement and excursions
35. Kingsboro/Rose Megasite, a CSXT-Select Site east of Rocky Mount
36. Identify infrastructure needs to support Randolph County (Liberty) Megasite
37. Identify infrastructure needs to support Heart of NC MegaPark
38. Support Rail Industrial Access and Short Lines through FRRCSI

Passenger Rail System

North Carolina is served by six intercity passenger routes (14 daily passenger trains) with stops in 16 communities. Amtrak also connects to other communities with its Thruway Bus Service connections. Over 70% of North Carolina's population is within a 30-mile radius of a passenger station, with an additional 11% of the state's residents within a 30-mile radius of stops served by Amtrak's Thruway Bus Service.

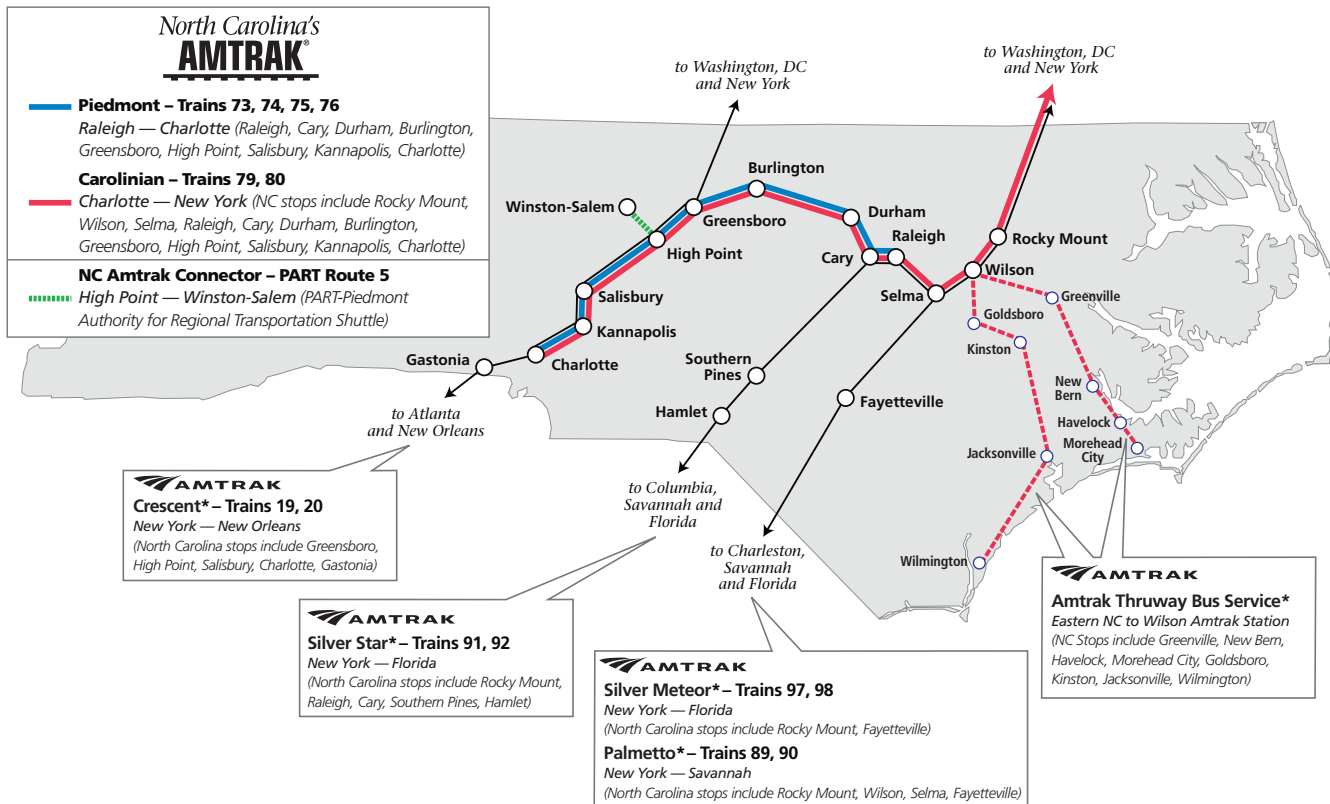
Passenger train service is depicted in Figure 6. These passenger services can be grouped into two categories:

- State-supported *Piedmont* and *Carolinian* services connecting the state's most heavily populated corridor between Raleigh and Charlotte
- Other interstate passenger rail services, consisting of the Amtrak operated *Crescent*, *Silver Star*, *Silver Meteor* and *Palmetto*



Amtrak agent assists passenger in Raleigh

Figure 6: National System Train Services



Passenger Rail Trends

North Carolina has seen healthy growth in the demand for passenger rail as shown in Figure 7. Charlotte has consistently been the busiest station over most of the last 10 years, with the other large metropolitan areas of Raleigh, Greensboro, Cary and Durham rounding out the top five stations. Notable trends include:

- Ridership is up 38% on the *Carolinian* and 280% on the *Piedmont* since 2004, including additional *Piedmont* frequencies.
- The largest ridership increases have been at new or renovated stations.
- The highest revenue producing rail travel markets in North Carolina are to and from the Northeast Corridor.
- Charlotte-Raleigh is the most popular intrastate rail travel market and Raleigh-Washington, DC is the most popular interstate city pair for North Carolina.
- Charlotte is the top destination for interstate and intrastate rail and air travel in North Carolina.

In the last 12 years:

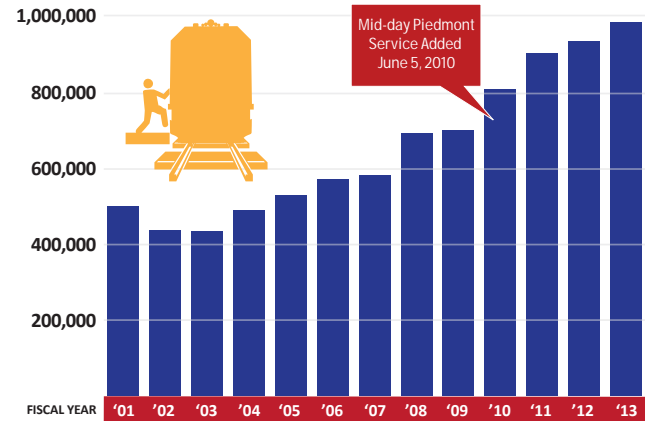
- North Carolina rail ridership has increased 93%, outpacing growth in population and vehicle miles traveled (VMT).
- Statewide population has increased 20%, with the majority of growth in metropolitan areas.
- North Carolina licensed drivers under the age of 25 have increased by 4.6%, reflecting a national trend that millennials are more likely to use transit, ride share, or walk/bike.*
- Per capita VMT has decreased 4.3%.

*"How Millennials Move: The Car-less Trends." National Association of Realtors, August 2, 2012. <http://www.realtor.org/articles/how-millennials-move-the-car-less-trends>. "Millennial Generation Desires Multi-Modal Transportation System." American Public Transportation Association, October 1, 2013. http://www.apta.com/mediacenter/pressreleases/2013/Pages/131001_Millennials.aspx



Passengers board the *Piedmont* in Durham

Figure 7: NC Passenger Rail Ridership, 2001-2013



Note: Ridership consists of all trips to and from North Carolina stations on 14 passenger trains serving the state.

Passenger Rail Needs and Opportunities

After evaluating the existing services data and emerging trends, and conducting stakeholder outreach efforts, the following rail service needs and opportunities were identified for passenger rail markets.



Quality family time on the *Piedmont*

- Partner with local governments, Amtrak and others to extend bus services and explore new commuter and regional rail service to existing and emerging urban/suburban corridors. Metropolitan areas currently not served by passenger rail such as Winston-Salem, Asheville and Wilmington are projected to have a significant share of North Carolina's population growth. Extending rail services will help ensure the economic vitality of these regions.
- Add the 4th and 5th frequencies (3rd and 4th *Piedmont* trains) and stations at points including Hillsborough, Lexington and Harrisburg to serve the growing population in the I-40/I-85 corridors.



Previously passenger trains had to slow down to 45mph in Duke Curve. This curve realignment project allows passenger trains to travel up to 65 mph.

The growth in North Carolina’s urban corridors contributes to the traffic congestion along key highways, and trains are often full during peak travel periods. While growth in per capita VMT may be flat, these critical highway corridors will see the lion’s share of future growth in employment, residents and traffic congestion.

- Improve infrastructure in the Raleigh to Greensboro corridor to increase average speed and add capacity. On-Time Performance (OTP) has dropped for all passenger trains serving the state. This drop in OTP is due to a variety of factors, including capacity issues along key corridors and longer dwell times at stations.
- Continue to work, through regional partnerships, towards implementing the federally-designated Southeast Corridor, including continuing the Virginia-North Carolina Rail Compact and investigating joint operations or expansion of existing state-supported services. A fully operational Southeast Corridor (Charlotte-Raleigh-Richmond-Washington, DC) is projected to have annual revenues that will exceed operating costs—which would provide a basis for a concession or franchise to operate and maintain the line.
- Expand the Virginia-North Carolina Rail Compact to include other states in the federally-designated Southeast Corridor (South Carolina, Georgia, Florida). There is a growing travel market between Charlotte and Atlanta, GA. More frequent and faster passenger rail service to Atlanta is also part of the federally-designated Southeast Corridor long-term plan.
- Develop new multimodal stations in Charlotte and Raleigh, which are the state’s most popular stations and often face overcrowding. Charlotte and Raleigh

have the highest ridership numbers in the state but are the only two stations served by the *Carolinian* that have not seen a substantial renovation or construction of a new station. The Raleigh Union Station is currently under design and will start construction in 2015, and has an opportunity to be a true transportation and economic catalyst for the state’s capital. NCDOT has formed a partnership with the Charlotte Area Transit System to develop Charlotte Gateway Station to meet projected demand. Completion of these “book-end” stations will generate a significant increase in the state’s overall rail passenger ridership.

- Implement a variety of improved connections at stations including transit, pedestrian and bicycle connections, and taxi. Parking shortages at stations illustrate the need for better overall connections.



Boarding a Triangle Transit bus at the Cary Depot.

- Evaluate service operations and collaborate with stakeholders to improve customer service, reduce costs, find other efficiencies, and increase ridership and revenue, including new marketing opportunities.
- Enable station development public-private partnerships to reduce capital and operating costs to the state, and evaluate new financial sources through potential local municipal, Metropolitan/Rural Planning Organizations, and private partnerships to fund existing and future expansion of passenger services. Partnerships with local and regional transportation agencies can help ensure that multimodal stations continue to provide the regional connectivity that is needed for economic growth.
- Evaluate recent federal and state funding programs for passenger rail to see which have been most effective. There is no long-term dedicated rail funding at the federal or state level for passenger rail improvements and operations.

- With Charlotte’s emergence as a major air hub, investigate extending intercity passenger rail service or commuter rail service to Charlotte Douglas International Airport.



The Cary Depot served 89,000 passengers in FY 2013, making it the 4th most active station in North Carolina. This newly-expanded station ranked second in Amtrak’s national Customer Satisfaction Index.

Passenger Rail Projects and Benefits

- Passenger rail projects in the State Rail Plan include near-term improvements to add service frequencies, on-board amenities, stations and connecting services on key passenger rail service corridors and full implementation of the Southeast Corridor, as well as new service to western and southeastern North Carolina over the mid- to long-term (2020-2035). These projects along with anticipated costs, funding source(s), timeframes are shown in Table 7.
- The near term improvements will enhance the speed, convenience and quality of passenger rail accruing a number of transportation capacity, congestion relief, environmental, and economic benefits. Substantial additional benefits will accrue from implementing



A new canopy was added to the Kannapolis Station with ARRA Funds

the Southeast Corridor which will result in major travel time savings, fostering economic development opportunities near stations, diverting highway travel, and contributing to environmental benefits. Implementing passenger service connections to western and southeastern North Carolina will create an interconnected statewide passenger rail network that provides enhanced mobility, economic development, and tourism opportunities.



North Carolina’s Amtrak is a popular choice for college students.

Proposed Passenger Rail Studies

The following passenger rail studies are recommended to explore planned and potential short and long term projects.

New Markets

- Utilize Thruway bus services to grow markets/ridership and build partnerships
- Incrementally develop Western NC and Southeastern NC service in partnership with local governments

Long-Range Studies

- Evaluate interstate rail travel markets including Greensboro to Washington, DC via Lynchburg, VA, and Raleigh to Hampton Roads, VA
- Assess regional rail travel markets including Charlotte to Wilmington, Raleigh to Morehead City and Raleigh to Greenville
- Analyze the capacity and economic potential of existing stations to accommodate projected uses for the next 25 years

Table 7: Passenger Rail Projects

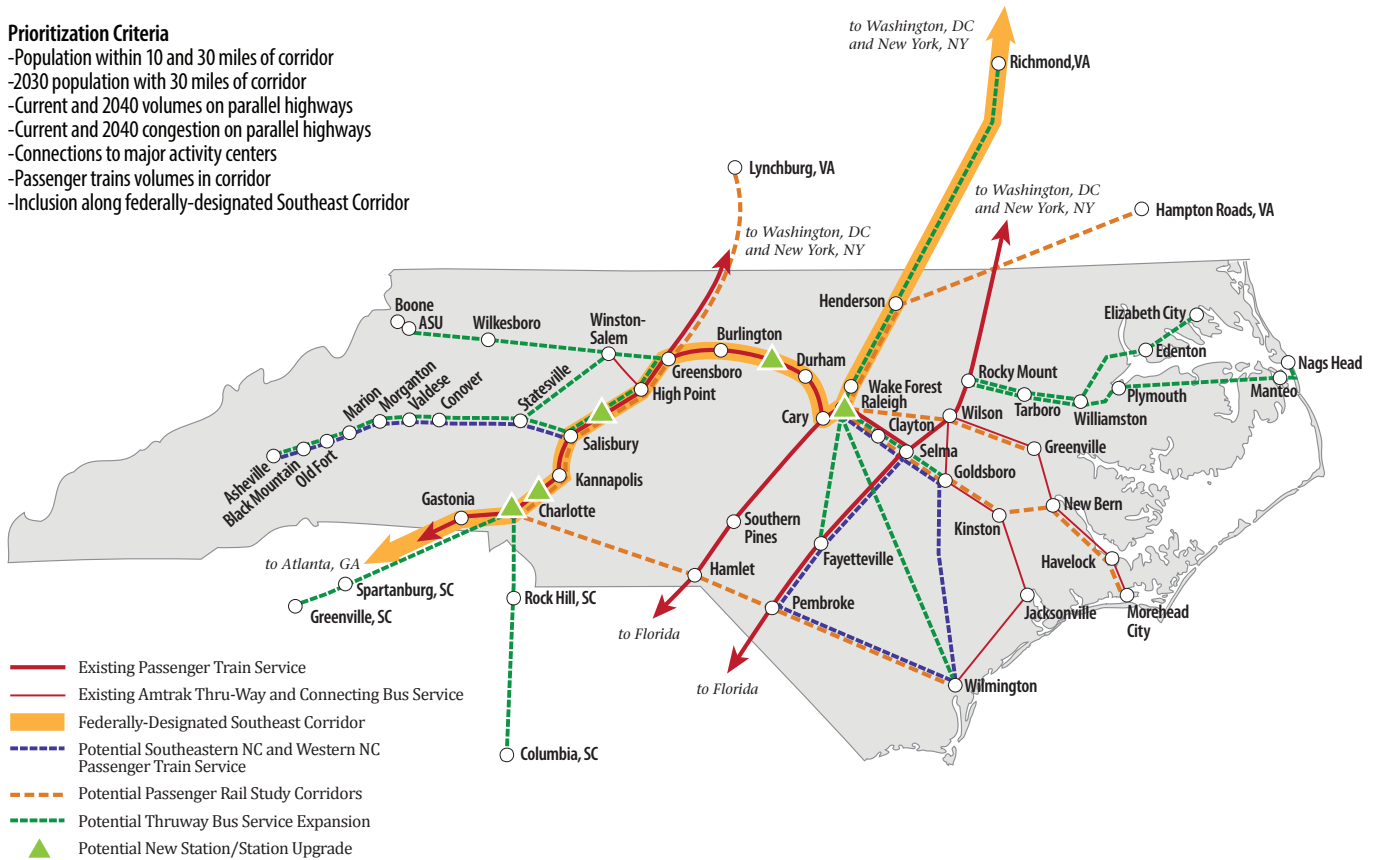
Program	Cost (2014 dollars)	Funding Source(s)	Timeframe	BCA Ratio	
				Discounted at 7%	Discounted at 3%
Southeast Corridor – Service Improvements					
Wi-Fi on <i>Piedmont</i> – Add Wi-Fi to 20 cars	\$630K	State Rail Program	2015-2016	2.44	3.15
Positive Train Control (PTC) – installed on 8 locomotives, 5 cab control units (CCUs), and 4 spares, plus infrastructure to support PTC	\$2.125M	State Rail Program	2016		
Ongoing maintenance for PTC		State Rail Program	2016-future		
Hillsborough Station, track – Construct station and platform	\$8.4M	STI/State Rail Program, Local	2018	.52	0.69
Fourth and Fifth frequencies – New equipment (<i>locomotive, communications control unit, lounge cars, and coach cars</i>) to add a 5th frequency and expand Capital Yard Mechanical Facility, including extending north and south lead tracks	\$35.4M	Federal, CMAQ, State Rail Program	2017-2018 (4th frequency) 2019 (5th frequency)	4th 5.44 5th 6.63	4th 5.16 5th 9.25
Ongoing maintenance (<i>4th > 2017; 5th > 2019</i>)		State Rail Program	2017-future		
New equipment to replace existing <i>Carolinian</i> trainsets that are nearing the end of their service life	\$76.6M	Federal (Amtrak), State (through payments for state supported services)	2020-2035		
New Stations at Lexington and Harrisburg and associated track improvements	\$237.4M	Federal, STI/Local Funds	2020-2035		
Charlotte Gateway Station – new/relocated station and associated track improvements	\$210M	FTA grant, STI/Local funds	2020-2035		
Ongoing maintenance and operations		State Rail Program	2020-future		
Southeast Corridor – Full Implementation					
Full Southeast Corridor Implementation (<i>Raleigh-Richmond</i>)	\$3.8B	Federal, State	2035		
Ongoing maintenance and operations		State Rail Program	2035-future		
Western North Carolina Services					
Western NC Thruway Bus Service – Partner with Amtrak to implement Thruway bus service between the Piedmont area of NC and Asheville	N/A	Amtrak	2016		
Western NC Passenger Service* – Add new connecting rail service between Salisbury and Asheville	\$405.3M	Federal, State	2020-2035		
Ongoing maintenance and operations		State Rail Program	2035-future		
Eastern/Southeastern North Carolina Service					
Station improvements (<i>Fayetteville, Wilson, Selma</i>) to accommodate growing ridership	\$2.5M	Federal, State	2018-2025		
Southeastern NC Thruway Bus Service – Partner with Amtrak to expand Thruway Bus Service to Wilmington and other markets	N/A	Amtrak	2018		
Southeastern NC Passenger Service* (<i>Raleigh to Wilmington</i>)(currently provide thruway bus service between <i>Wilson-Wilmington</i>)	\$262.5M	Federal, STI/State Rail Program, Local Funds	2020-2035		
Ongoing maintenance and operations		State Rail Program	2035-future		
Charlotte to Northeast via Lynchburg, Va					
New service to connect Charlotte to Northeast via Lynchburg, VA*	\$35.6M	Federal, STI, State, Local	2020 to 2035		

* Previous studies must be updated in coordination with host railroads to identify specific routes and improvements.

Figure 8: Passenger Corridor Priorities to implement the Governor’s 25-Year Vision

Prioritization Criteria

- Population within 10 and 30 miles of corridor
- 2030 population with 30 miles of corridor
- Current and 2040 volumes on parallel highways
- Current and 2040 congestion on parallel highways
- Connections to major activity centers
- Passenger trains volumes in corridor
- Inclusion along federally-designated Southeast Corridor



Policy and Finance Recommendations

Rail helps support North Carolina’s economy. Freight rail operations offer a cost competitive mode for the state’s shippers and reduce emissions, congestion, and highway maintenance. Passenger rail provides an alternative to using congested highway corridors and improves safety for travelers who divert from auto travel while increasing the accessibility for the state’s populations to jobs, education, and recreational opportunities. These benefits are built on cumulative past investments in rail infrastructure projects and are realized through strategic partnerships with public and private entities. Recognizing the value of rail service to North Carolina’s economy, a variety of local communities and stakeholders have identified candidate investments to maintain and foster the future growth. Given this interest, an exploration of whether changes to existing rail funding programs could make them more flexible, as well as potential sources of new funding for rail investment may be warranted.

Existing Federal Programs

- Support reauthorization of the Passenger Rail Investment and Improvement Act of 2008 (PRIIA), which includes grants for safety improvements along rail corridors, passenger rail corridor development, and addressing congestion bottlenecks.
- Support long-term reauthorization of MAP-21 and appropriations for associated funding programs such as the Congestion Mitigation and Air Quality (CMAQ) program, Railway/Highway Crossing Hazard Elimination grants, and Rail Line Relocation and Improvement Capital Grants, which have provided North Carolina with funding for relocating freight lines that eliminate congestion and rail/street at-grade conflicts within downtowns and urban areas.
- Support expansion of the Transportation Investment Generating Economic Recovery (TIGER) grant program and annual appropriations.

- Support use of Railroad Rehabilitation & Improvement Financing (RRIF) loans from the FRA to finance development of railroad infrastructure. Direct loans can fund up to 100% of a railroad project with repayment periods of up to 35 years. Railroads, state and local governments are eligible.
- Support reauthorization of the Rail Safety Improvement Act, which includes grants for rail safety technology.
- Support action on the National Freight Network Trust Fund bill, proposed under the US House Bill 5101.



Great Smoky Mountain Railroad bridge

Existing State Programs

- Continue the Freight Rail and Rail Crossing Safety Improvement Fund (FRRCSI) funding of the Short Line Infrastructure Assistance Programs.
- Alter FRRCSI eligibility requirements to include short lines that do not carry freight. The Great Smoky Mountain Railroad is a tourist/excursion railroad providing economic benefits in Western North Carolina. However, since it does not have a freight customer the passenger service is not eligible for FRRCSI funds, the only source of state funding for short line railroads.
- Create an ongoing and available funding mechanism for purchasing abandoned or inactive rail corridors or right of way required to preserve the option for future freight or passenger service. Rail corridors are difficult, if not impossible to reassemble if they are not preserved. North Carolina needs a source of funding to secure inactive corridors such as the CSXT S line, which is needed for the Raleigh to Richmond portion of the Southeast Corridor project, and others that provide transportation alternatives.
- Allow greater funding flexibility for NCDOT to match federal grants.

- Explore potential to revise the state's public-private partnerships legislation to better allow for passenger rail projects. Private developers have expressed interest in partnerships for constructing new passenger train stations in Charlotte and other cities.



Crossing improvement

Illustrative Funding Programs from Other States

- Virginia has expanded its passenger rail program using a portion of the state's sales tax dedicated to passenger rail operations and maintenance (\$44M annually in 2014) and a 3% vehicle rental tax to fund rail capital improvements (\$27M annually).
- Wisconsin operates a revolving loan fund for private rail infrastructure improvements.
- Georgia proposed the creation of a Goods Movement Investment Fund, to have three revenue sources: diesel fuel tax paid by the railroads, railroad property lease income, and a penny gas tax.

Other Potential Funding Sources

- Parking and station use fees
- Local funding to support extensions to passenger rail services
- Local (municipal) funding to cover operating costs of new/extended passenger services
- Tax increment funding based on increased property values resulting from the additional Raleigh to Charlotte train frequencies to fund operations and maintenance of these services
- Exemption of railroads from state gross earnings tax if money saved is used for capital expenditures
- Tax incentives for railroad intermodal facilities
- Federal tax credit for short line maintenance

North Carolina's Rail Vision and Goals

The goals and objectives for the State Rail Plan support the mission and goals of NCDOT and the Rail Division. The NCDOT Rail Division's Mission is the "...safe and efficient movement of people and goods on North Carolina's railroads through freight, passenger and safety programs, supporting job creation and economic growth." Table 8 lists the Goal Areas, Vision Statements and Objectives. A map of North Carolina's Comprehensive State Rail Plan is provided in Figures 5 and 8.

Table 8: State Rail Plan Vision, Goals and Objectives	
Goal Area/ Vision Statement	Objectives
Goal Area 1 – Safety & Security Vision: A rail system that safely moves people and products.	1.1 Reduce the number of rail-related crashes, including pedestrian trespassers 1.2 Maintain safety and mobility during emergencies 1.3 Prevent harm from train crashes and incidents and, when incidents occur, address them safely and efficiently 1.4 Improve the security of North Carolina's rail system 1.5 Maintain equipment properly
Goal Area 2 – Stewardship Vision: A rail system that is operated and improved with the greatest benefit and the least impact feasible to the natural and human environment.	2.1 Minimize the negative impacts of rail operations and new rail projects on the natural and human environment 2.2 Maximize the positive impacts of new rail projects on the natural and human environment 2.3 Increase the understanding and support of rail among policy makers and the public as a mode of transportation that supports economic growth while limiting the impact of increased transportation demand on air quality, energy use, and safety
Goal Area 3 – Preservation Vision: A rail system that is preserved for current and future use.	3.1 Maintain and improve the viability of short line railroads and associated industries 3.2 Preserve opportunities for future passenger or freight rail service to leverage existing corridor assets and capacity 3.3 Preserve railroad corridors for future transportation use
Goal Area 4 – System/Interoperability Vision: A rail system with connecting corridors and facilities that promotes the efficient movement of people and goods and supports economic growth and development.	4.1 Move people and goods more efficiently 4.2 Maintain and improve connectivity of the rail system, supporting economic growth 4.3 Ensure intercity, commuter, and transit services work as a cohesive system and are planned in a manner that accommodates existing and future freight movement
Goal Area 5 – Freight Vision: A rail system that provides safe, reliable, efficient, and well-used rail freight service.	5.1 Increase the efficient use of freight rail service 5.2 Increase the freight customer base 5.3 Promote economic development
Goal Area 6 – Passenger Vision: Provide a system of intercity passenger services connecting North Carolina's major metropolitan areas and other communities to destinations within the state and along the East Coast.	6.1 Increase ridership and enhance the economic performance of the state's passenger rail network 6.2 Provide passenger service or connections to intercity passenger service, from large growth areas to major East Coast destinations and feeder stops
Goal Area 7 – Commuter Vision: A rail system that connects suburbs and bedroom communities of major employment centers with commuter rail service.	7.1 Support local plans and policies to implement commuter rail service
Goal Area 8 – Planning Vision: State rail planning addresses the collective needs of the State, its citizens, industries, traveling public, and transportation providers.	8.1 Support local plans and policies to maintain and improve commuter rail service to support business and employment growth

PIEDMONT & CAROLINIAN PERFORMANCE SNAPSHOT

NCDOT RAIL DIVISION APRIL 2015

Ridership

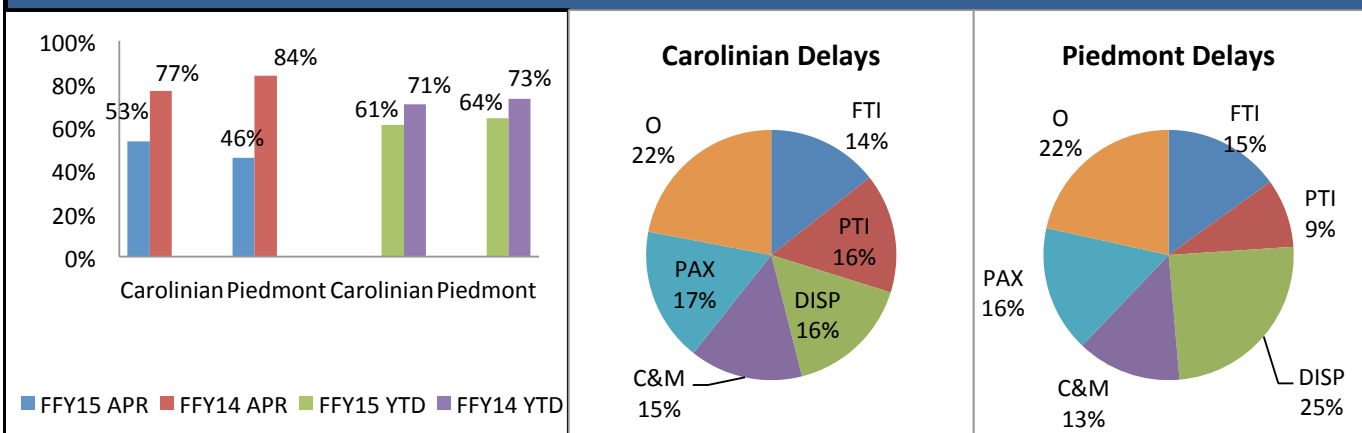
	FFY15 APR	FFY14 APR	Δ	FFY15 YTD	FFY14 YTD	Δ
Carolinian	26,666	27,774	-4%	172,093	165,255	4%
Piedmont	13,534	14,353	-6%	98,657	100,625	-2%
Total	40,200	42,127	-5%	270,750	265,880	2%
			# of Trains	FFY15 APR	FFY14 APR	Δ
Average number of passengers per train		Carolinian	60	444	463	-4%
		Piedmont	116	117	120	-2%

Revenue

	FFY15 APR	FFY14 APR	Δ	FFY15 YTD	FFY14 YTD	Δ
Carolinian	\$1,690,622	\$1,690,553	0%	\$10,836,123	\$9,903,210	9%
Piedmont	\$268,304	\$291,984	-8%	\$2,041,182	\$2,013,760	1%
Total	\$1,958,926	\$1,982,537	-1%	\$12,877,305	\$11,916,970	8%
Amenities	Mo. Surcharge	\$9,942	Mo. Expense	\$2,270	Mo. Surplus	\$7,672

*Average revenue per rider was \$63.40 for the Carolinian and \$19.82 for the Piedmont. Average number of passengers per train is monthly ridership divided by number of operating trains. Amenities surcharge is now for Piedmont service and for Carolinian service between Charlotte and Raleigh; Carolinian amenities revenue does not reflect reduced surcharges for discounted fares as is available for Piedmont service. Trains 73, 74, 75, and 76 were cancelled on April 13 for PIP track work.

On-time Performance



*Carolinian and Piedmont delays were 7,063 and 3,691 minutes, respectively. FTI - Freight Train Interference; PTI - Passenger Train Interference; DISP - Dispatch Related; C&M - Construction, Maintenance; PAX - Any Passenger Related; O - All Other Delays (e.g. weather, mechanical). Carolinian trains arriving within 20 minutes and Piedmont trains within 10 minutes of schedule are considered on time.

Overall Customer Satisfaction

	FFY15 MAR	FFY14 YEAR-END	Δ
Carolinian	79%	75%	4%
Piedmont	91%	88%	3%

*The customer satisfaction index (eCSI) is calculated from rider survey data conducted on line; the eCSI is for one month prior to the current report month. Overall satisfaction is defined as average scores greater than or equal to 80. Customer satisfaction goals for FFY 2014 were 82% for the Carolinian and 92% for the Piedmont; and for FFY 2015 are 79% for the Carolinian and 90% for the Piedmont.

North Carolina City Pairs with Largest Ridership

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

*Of the ten city pairs with the highest ridership, from the previous FFY month New York - Raleigh had the largest increase of 12% and Charlotte - Washington the largest decrease of 24% for the Carolinian; Durham - Greensboro had the largest increase of 29% and Charlotte - Durham the largest decrease of 16% for the Piedmont.

Carolinian and Piedmont Total Ons-Offs at North Carolina Stations

	FFY15 APR	FFY14 APR	Δ
Charlotte	13,322	14,675	-9%
Raleigh	10,828	11,154	-3%
Greensboro	9,482	9,554	-1%
Durham	6,980	7,308	-4%
Cary	4,485	4,740	-5%
High Point	2,922	3,259	-10%
Wilson	2,694	2,707	0%
Burlington	2,464	2,486	-1%
Salisbury	2,110	2,301	-8%
Rocky Mount	1,789	1,745	3%
Kannapolis	1,705	1,483	15%
Selma-Smithfield	726	836	-13%

*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.

	FFY15 APR	FFY15 YTD
Train Host Volunteer Hours	930	7190

North Carolina's
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North Carolina
DEPARTMENT OF TRANSPORTATION

2015 Comprehensive State Rail Plan

July 8, 2015

Paul C. Worley, CPM
Rail Director

Comprehensive State Rail Plan

- Federal Requirements
 - Passenger Rail Investment and Improvement Act of 2008 (PRIIA)
 - State Rail Plan Guidance (FRA, September 2013)
- Emphasis on desired outcomes & program effects of NC's vision for rail and transportation
- Integrates the Governor McCrory's 25-Year Vision
- Near term projects set in part by Strategic Transportation Investments P3.0; Statewide Rail Plan can be used as guide to develop partnerships and projects for next round of STIP4.0



Comprehensive State Rail Plan Timeline

- Requesting approval by the Board of Transportation
- The Executive Summary has been provided
- The Draft Comprehensive Statewide Rail Plan is available at <http://www.ncbytrain.org/projects/rail-plan.html>

	Date
Rail Planning Forum	November 12, 2013
Legislative Briefing*	March 12, 2014
Technical Advisory Committee Meeting 1	April 17, 2014
Technical Advisory Committee Meeting 2	September 19, 2014
Multi-Modal Committee Briefing	January 7, 2015
Submitted to FRA for Review	January 30, 2015
Released for Public Comment	February 25, 2015
Submitted for FRA Approval	June 5, 2015
Adoption by the Board of Transportation	

*Briefing was given to the NC members of the VA-NC Interstate High Speed Rail Compact

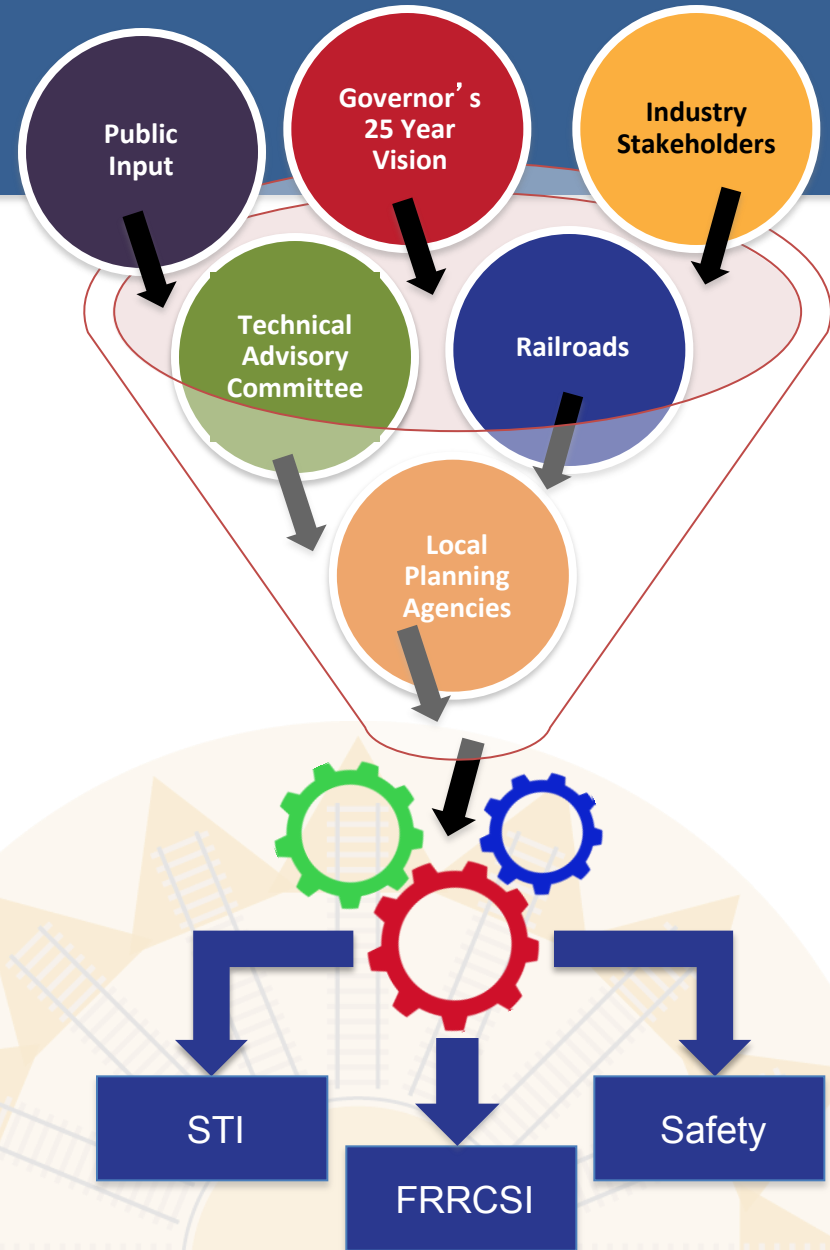
State Rail Plan Process

Statewide Rail Plan Inputs

- Governor's 25-Year Vision
- Technical Advisory Committee
- Railroads
- Industry Stakeholders
- Public

Statewide Rail Plan Uses

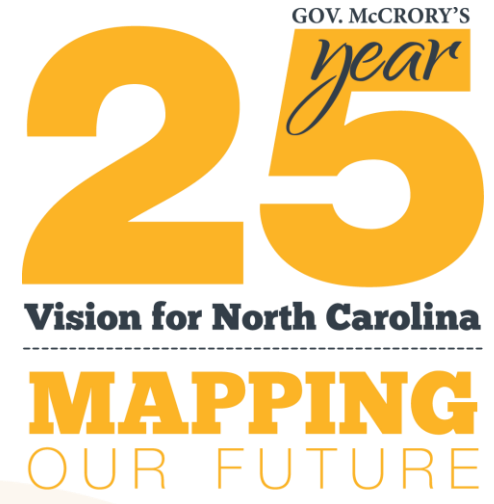
- Identify freight, passenger and safety needs
- Identify strategic and funding partnerships with railroads, local governments, and others
- Identify projects for development through STI



Comprehensive State Rail Plan

Integrating the Governor's 25-Year Vision Rail Related Goals:

- Improve rail connections between military bases and ports
- Provide and improve intermodal facilities to support freight shipping
- Pursue regular intermodal service to the Port of Wilmington
- Improve rail access to GTP and Port of Morehead City
- Provide economically competitive rail service to inland ports
- Improve rail and seaport connections to I-95 to serve the Eastern US
- Support connections to privately-developed mega-sites
- Expand mass transit options, including rail
- Expand passenger rail options in all regions of the state



Economic Impact of Rail in North Carolina

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

	Freight (2014 Dollars)	Passenger (2014 Dollars)
User Cost Savings (Shipper)	\$1,496M	
Amtrak Wages and Purchases		\$89M
Tourist Spending		*\$2M
GSMR Direct Wages and Purchases		\$6M
GSMR Tourist Direct Spending		\$16M
Pavement Savings	\$96M	\$4M
Congestion Savings	\$162M	\$4M
Total	\$1,754M	\$121M

**Tourist spending, pavement savings, congestion savings, auto emissions, and safety for passenger rail are based on trips to NC that would not have been made without rail.*



Summary of Freight, Passenger and Safety Needs

Category	Funding Needs (2014 \$)		
	Near-Term (2015-2019)	Mid- and Long-Term (2020-2040)	Total
Freight (Class I System)	\$15M*	\$1,109M	\$1,124M
Freight (Short line System)	\$94M*	\$157M	\$251M
Passenger	\$49M	\$5,027M	\$5,076M
Safety	\$40M	\$160M	\$200M
Total	\$198M	\$6,453M	\$6,651M

**Freight needs for the Class I system are based on projects identified and funded in STI P3.0. Freight needs on the short line system are eligible for funding through FRRCSI; needs outpace available funding through that program alone.*



Plan Draft Recommendations – Freight

- Develop intermodal facilities and service improvements
- Meet port related access and infrastructure needs
- Accommodate emerging and growing Industries
- Assess mega-site access and infrastructure needs
- Implement mainline capacity and operational improvements
- Preserve corridors and reactive strategic connections
(Example: S and SA lines)
- Traffic separation studies



Plan Draft Recommendations – Passenger

Southeast Corridor

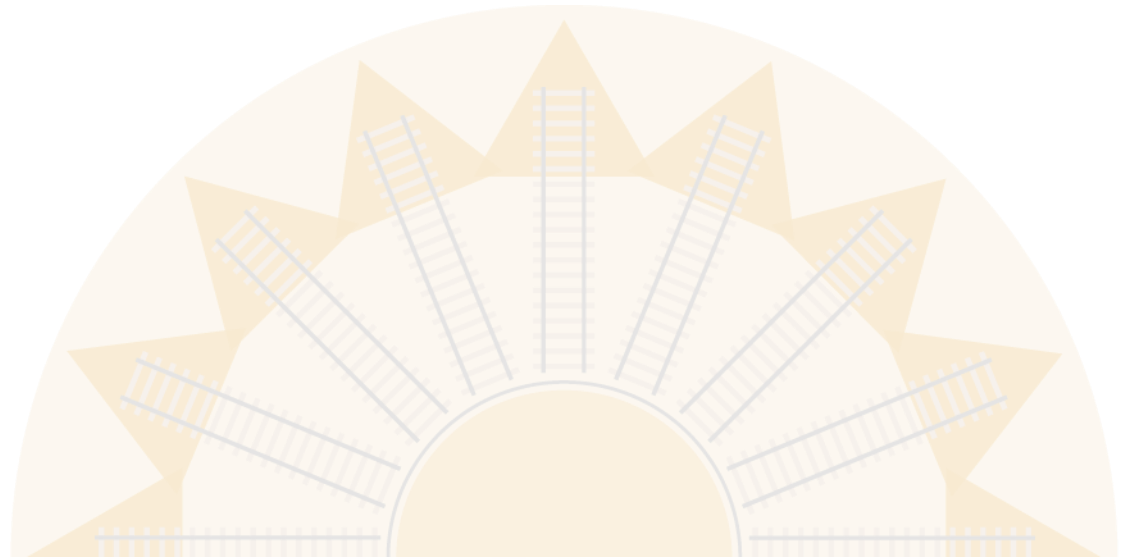
- Implement 4th and 5th *Piedmont* frequencies
- Add stops, and improve travel times
- Construct multimodal stations – Charlotte & Raleigh
- Secure S-Line corridor and complete service planning

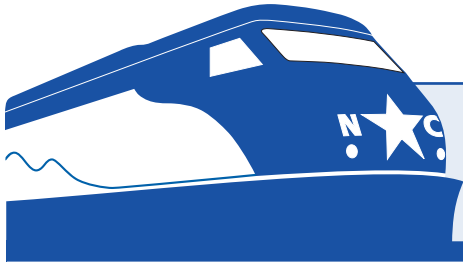
New Markets

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



Discussion and Resolution





NCDOT Crossing Blitz a Success in Johnston County

On June 3, the NCDOT Rail Division worked with local law enforcement to hold two simultaneous Crossing Blitzes in Johnston County.

The blitzes were held at the intersection of the railroad and Peedin Road in Smithfield and the intersection of the railroad and Ricks Road in Selma. Law enforcement officers passed out educational materials about railroad crossing safety to 632 motorists.



In 2015 so far there have been 25 known grade crossing collisions and 13 known incidents of rail trespassing.

Participating Law Enforcement Agencies included: Johnston

County, State Highway Patrol, Selma Police Department, Smithfield Police Department and CSX Police Department.

The crossing blitzes, coordinated by Rail Division's BeRailSafe program, were held in conjunction with the international event, ILCAD. The International Level Crossing Awareness Day (ILCAD) focuses on educational measures and the promotion of safe behavior at and around level (railroad highway grade) crossings.



Have a Safe Summer by Staying off the Tracks

As summer break starts across North Carolina, the NCDOT wants to remind parents and students of the dangers and legal issues of walking along, playing on or taking pictures on railroad tracks.

- > **Railroad tracks and the land along them, known as the "right of way," are privately owned by the railroad companies. By being on the railroad tracks, you are trespassing and can be arrested or fined by police.**
- > **Trains do not run according to a strict timetable. Freight trains run anytime and passenger trains can be delayed and show up unexpectedly. Always expect a train at any time from either direction. There is no safe time to be on the tracks, ever.**
- > **Trains cannot stop quickly to avoid hitting someone on the tracks, and they certainly cannot swerve. The train will likely hit you before you can get out of the way. This means that if you are on the tracks it is possible that a train would not be able to stop in time to avoid hitting you.**

So far in 2015, 9 people have been struck and killed in North Carolina because they were illegally on railroad tracks. In 2014, the total was 20.

All trespassing deaths and incidents can be avoided. It is never okay to be on the tracks. Always make sure to cross the tracks at a designated location such as an at-grade crossing, a bridge or an underpass.

Please help us spread the word that railroad tracks are not safe and should not be used as shortcuts for any reason. Help us save lives by staying off of the tracks.

NCDOT Rail Division and Railway Association of North Carolina Continue Partnership

On May 18th, staff from the Rail Division attended the Railway Association of North Carolina's (RANC) annual meeting in Pinehurst. NCDOT Chief Deputy Secretary Nick Tennyson, Rail Director Paul Worley and Neil Perry, Rail Planning Manager, spoke to the association regarding the NCDOT's ongoing initiatives and continuing efforts on behalf of the state's railroad companies. Current initiatives include the Freight Rail and Rail Crossing Safety Improvement (FRRCSI) projects, with over 14 planned across the state, and efficiency programs to bring state and federal programs to fruition expeditiously.



The NCDOT Rail Division – RANC partnership is a key relationship in facilitating the state's economic development goals and safety program efforts throughout the rail network.

ASLRRA President Linda Darr visits Carolina Coastal Railway

In advance of her speech at the Rail Association of NC Conference in Pinehurst, American Short Line and Regional Railroad Association President Linda Darr made a stop in Wilson to visit the Carolina Coastal Railway (CLNA). She was given a tour by CLNA President Doug Golden, where she saw first hand the rail yard, operations and she visited with a several CLNA customers.



ASLRRA President Linda Darr and CLNA President Doug Golden

Golden shared with her that NCDOT's Freight Rail and Rail Crossing Safety program (FRRCSI) had helped to build their reload terminal in Greenville, which has in its first nine months of operation, handled 550 cars. Darr was pleased to learn that NCDOT has programs such as FRRCSI in place to work with shortlines on maintenance and new business development.

Her speech at the RANC Conference focused mainly on how the national and state associations could work together.



The June 2015 issue of Our State magazine features two rail-related stories. The first article, "Grand Stations, The nearly-vanished romance of our train stations, rediscovered," is written by Davidson writer and author Chuck McShane. The second article, "A Little Farther Down the Line" is written by Duncan Muttell of Pittsboro, who finds home on a railroad-inspired journey of the heart aboard the Carolinian between Rocky Mount and Charlotte..

N.C. to D.C. Train Trip with Our State

The first *Our State* N.C. to D.C. Trip was June 4-7. The trip, which included guided tours to many D.C. points of interest was a sellout. Because of the popularity of the trip, *Our State* and Diana Cabot-Miller of Amtrak Marketing scheduled a second trip in June and a third trip for mid-September.

Below are comments from two passengers as they boarded the *Carolinian* for their trip.

"I love trains. I've always loved them. I just like to sit back and let someone else do the driving and look out the window. I just love trains! I'm with my two friends across the aisle here, the three of us, and we're just real excited about the trip. I read about it in Our State, and called my friends and said, "let's do this," so here we are!"

"Well my wife doesn't yell at me for driving too fast when I travel by train! (Laughs) It's just relaxing. We get Our State magazine and we knew they'd do a first class job, so we thought we'd check it out."

For more information about the next *Our State* trip to D.C., contact Emily Barrett, AAA, at 800-933-2621, ext. 16019.





CURRENT TRAVEL DEALS

1 Take your child on a summer adventure!

Up to 2 kids (age 2-12) ride for \$5 with a regular full fare adult on Tuesdays, Wednesdays and Thursdays within North Carolina. Valid for travel now through August 27. Use face code V615.



2 Travel Mid-Week & Save 10%

Get 10% off the price of your ticket automatically if you travel on Tuesdays, Wednesdays or Thursdays. Tickets must be reserved three days in advance to get the discount. No promo code is required. Purchase tickets at ncbytrain.org.

Piedmont Passengers enjoy Wi-fi Service

Piedmont Connect, the new Wi-Fi service on the *Piedmont*, rolled out in May. Lynn Harris of McDowell Engineering, who is the mechanical engineering contractor for the Rail Division, worked with ViaSat, the internet service provider, to build a system that was especially designed for the *Piedmont* equipment and corridor to ensure optimal service. Wi-fi onboard the *Piedmont* trains was one of the top passenger requests on surveys and comments to the Volunteer Train Hosts. Passengers have been very pleased with and appreciative for the service. All of NC's Amtrak trains are now equipped with wi-fi.



Piedmont **CONNECT** 
WI-FI ONBOARD

Now available on Trains 73, 74, 75 and 76.

Carolinian and Piedmont Anniversary Celebrations – May 2015



Ridership & Revenue on NC's Amtrak Service – April 2015 vs. 2014

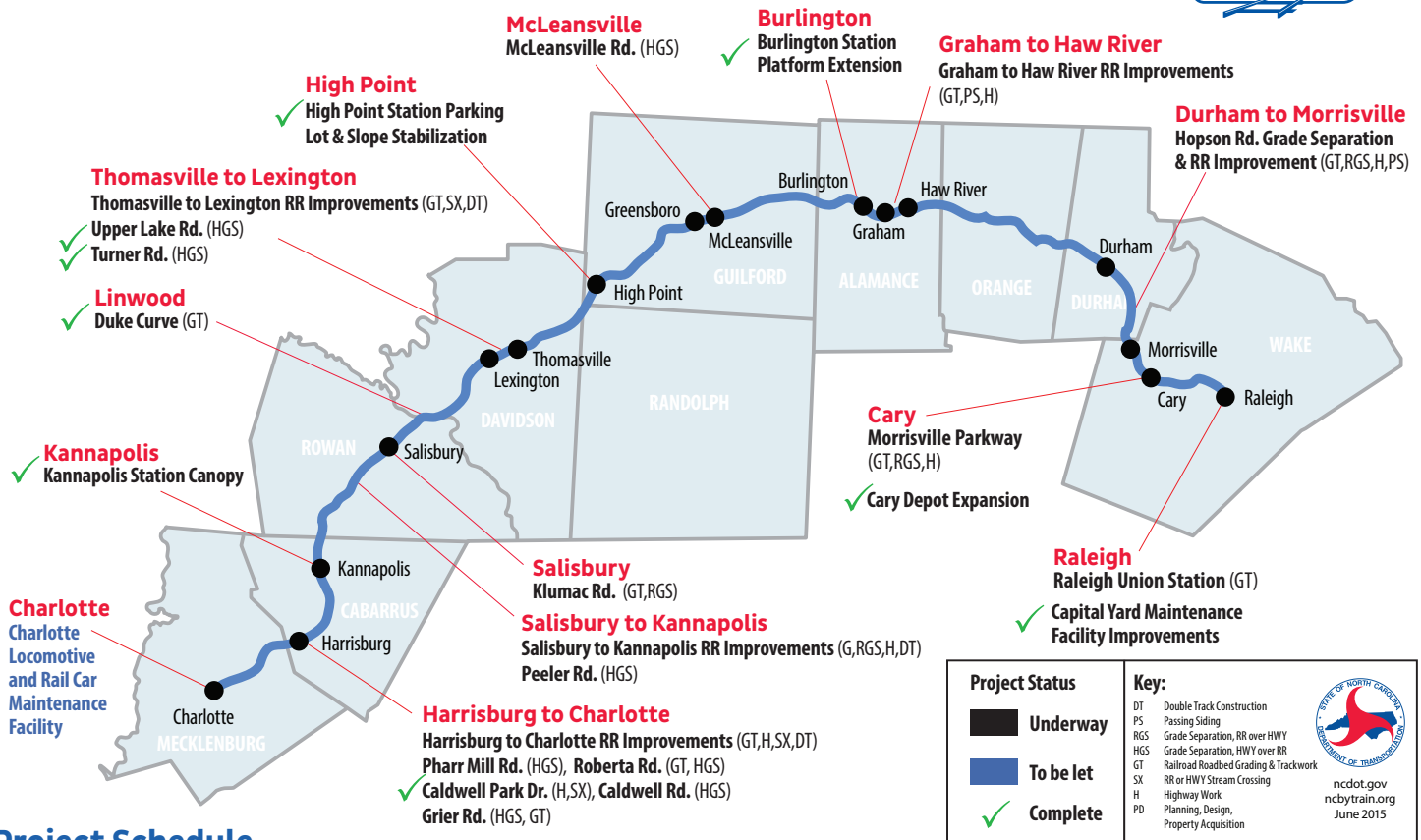
 	RIDERSHIP			REVENUE		
	2015	2014	% +/-	2015	2014	% +/-
Piedmont	13,534	14,353	-6%	\$268,304	\$291,984	-8%
Carolinian	26,666	27,774	-4%	\$1,690,622	\$1,690,553	0%



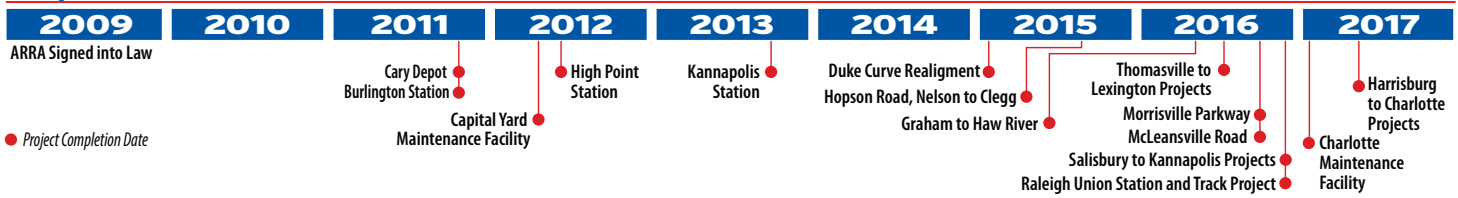
N.C. Train Hosts volunteered 1,207 hours in May, supporting North Carolina's Amtrak onboard trains and at events.

*Trains 73, 74, 75 and 76 were cancelled on April 13 for PIP track work.

Piedmont Improvement Program – June 2015 Status Report



Project Schedule



ARRA Funds Spent to Date (effective 5/31/2015)

Component	Expenditure
PD&A/ROW	\$46,721,740
Equipment Procurement & Rebuild	\$26,685,366
Stations & Facilities	\$13,466,263
Track & Structures	\$164,968,853
CRISP	\$2,180,377
Program Totals	\$254,022,599 of \$520M awarded FRA Grant Funds

Three new contracts totaling \$51,032 were awarded in May.

PIP Milestones

Durham – The 3.5-mile Nelson to Clegg passing siding was put into service on June 8, 2015. The work included putting in service the new track over the newly completed Hopson Road railroad bridge, two major track cut-ins, removing the Church Street at-grade crossing and putting new signals in service. With this work complete and trains shifted to the new siding track, crews will now complete the final grading and track construction for the project to place the new main track in service.



First train crossing new railroad bridge over Hopson Road.

Piedmont Improvement Program Project Photos – April, May, June 2015



P-60 Congestion Mitigation – Enfield Turnout Construction



P-5201 Morrisville Parkway, grading



U-4716 Nelson to Clegg Passing Siding, track construction



P-5205 Graham to Haw River Passing Siding, grading



C-4901 Bowers to Lake, structures



U-3459 Klumac Road, bridge construction

Piedmont Improvement Program Project Photos – April, May, June 2015



P-5206 Reid to North Kannapolis, track construction



P-5206 Peeler Road, bridge construction



P-5206 Reid to North Kannapolis, track construction



P-5208 Haydock to Junker, bridge column construction



P-5500C Tryon Siding grading



P-5500C Tryon Siding sub-ballast



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION JULY 8, 2015

TIME: Will begin immediately following the FAST Committee

LOCATION: 160

TOPIC	PRESENTER	TIME
Allen T. Small – Bridge No. 266 on Cabarrus Avenue, W over Norfolk Southern Railroad, Concord, Cabarrus County, Div. 10 (Dodson)	Missy Pair	5 min
Other Business		