MEETING AGENDA

Monthly Meeting of the North Carolina Board of Transportation

1 South Wilmington Street Raleigh, North Carolina 27601

June 29-30, 2016

WEDNESDAY, JUNE 29, 2016

10:30AM – 12:00PM

Multi-Modal Committee	EIC
Highway Committee	Room 150

12:00PM – 12:15PM **LUNCH IS AVAILABLE/ BREAK** **Room 150**

12:15PM **Working Lunch – Full Board Attendance**

Legislative Update	Mary Jernigan
Product Evaluation Program Awareness	Ben Johnson Jessica Kuse
Board-related policies • Noise Policy • Policies and Procedures for Procurement Administration of Major Professional or Specialized Services Contracts	Greg Smith/Drew Joyner Robert Stroup/Rodger Rochelle
P4.0 Public Outreach Update	Drew Joyner
Closed Session: Pursuant to NC General Statute §143-318.11(a)(3)	J. Carr McLamb

1:30PM – 1:45PM **BREAK**

1:45PM – 3:00PM (Joint Committee Meeting)

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

3:00PM – 3:30PM

Audit Committee	Room 160

3:30PM – 4:00PM

Road, Bridge, Ferry Naming Committee	Room 160

4:00PM – 5:00PM

General Meeting Time	Various Locations

THURSDAY, JUNE 30, 2016 **8:30AM** **Location: Room 150**

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

- **Call to Order** — Chairman Curran
- **Invocation** — Terry Hutchens
- **Ethics Declaration** — Chairman Curran
- **Approval of June 2, 2016 Board Meeting Minutes** — Chairman Curran
- **Secretary's Remarks** — Secretary Tennyson

INFORMATION AND DELEGATED AUTHORITY

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

Division 12 Update — Lou Wetmore, Board Member
Division 13 Update — David Brown, Board Member

ACTION — Chairman Curran

Noise Policy

Policies and Procedures for Procurement Administration of Major Professional or Specialized Services Contracts

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
- (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) TIP Amendments
(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
June 29-30, 2016

Delegated Authority ..... Secretary Tennyson

(Item C) Award of Highway Construction Contracts from June 21, 2016 Letting

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

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

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

(Item L) Funds for Specific Spot Safety Improvement Projects

Action .....Chairman Curran

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

(Item I) Public Transportation Program
- (Item I-1) Public Transportation
- (Item I-2) Rail Program
- (Item I-3) Bicycle and Pedestrian **(No Item this month)**
- (Item I-4) Aviation

(Item J) Specific State Funds for Construction Projects

(Item K) North Carolina Highway Trust Funds

(Item M) Funds for Specific Federal-Aid Projects

(Item N) Revisions to the 2016-2025 STIP

(Item O) Municipal and Special Agreements

(Item P) Municipal Street System Changes

(Item R) Right of Way Resolutions and Ordinances

(Item S) Maintenance Allocations **(No Item this month)**

(Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation **(No Item this month)**

NCDOT Board of Transportation Agenda

ITEM C

June 2016

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

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 21, 2016
DIVISION 00004

C203807
46027.3.1
STATE FUNDED
WILSON
B-5313

PROPOSAL LENGTH 0.145 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING & STRUCTURE.

LOCATION BRIDGE #109 OVER TOWN CREEK ON SR-1002.

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

RPN 002 6 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 937,539.50

DATE AVAILABLE AUG 01 2016
INTER COMPLETION DEC 01 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAY 30 2017

	$ TOTALS	% DIFF
SANFORD CONTRACTORS, INC. SANFORD, NC	796,500.00	-15.0
S. T. WOOTEN CORPORATION WILSON, NC	873,796.37	-6.8
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	959,950.00	+2.4
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JOI	1,001,920.64	+6.9
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	1,156,718.84	+23.4
TRADER CONSTRUCTION CO. NEW BERN, NC	1,257,916.95	+34.2

C203883
2016CPT.05.10.10321.1, 2016CPT.05.10.20321.1
STATE FUNDED
DURHAM

PROPOSAL LENGTH 21.371 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION US-501 FROM NORTH OF SR-1448 TO PERSON COUNTY LINE AND 9 SECTIONS OF SECONDARY ROADS.

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

RPN 005 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%

ESTIMATE 4,349,339.24

DATE AVAILABLE AUG 01 2016

FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,868,862.06	+11.9
CAROLINA SUNROCK LLC RALEIGH, NC	4,951,418.69	+13.8
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	5,872,392.80	+35.0

C203878
2016CPT.06.06.10781.1, 2016CPT.06.06.20781.1
STATE FUNDED
ROBESON

PROPOSAL LENGTH 36.620 MILES

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

LOCATION 1 SECTION OF NC-130, 1 SECTION OF US-301, AND 36 SECTIONS OF SECONDARY ROADS.

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

RPN 006 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 4.00%
ESTIMATE 2,961,789.67

DATE AVAILABLE AUG 01 2016
FINAL COMPLETION MAY 26 2017

	$ TOTALS	% DIFF
JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	3,048,423.07	+2.9
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	3,399,462.96	+14.8

C203887
2016CPT.06.07.10261.1, 2016CPT.06.07.10431.1, 2016CPT.06.07.20261.1, 2016CPT.06.07.20431.1
STATE FUNDED
CUMBERLAND, HARNETT

PROPOSAL LENGTH 47.160 MILES

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

LOCATION 1 SECTION OF NC-210, 1 SECTION OF NC-242, 2 SECTIONS OF US-401, 1 SECTION OF NC-87 & 27 SECTIONS OF SECONDARY ROADS.

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

RPN 007 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%

ESTIMATE 6,875,171.05

DATE AVAILABLE AUG 01 2016

FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	6,760,094.70	-1.7
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	7,063,887.01	+2.7
S. T. WOOTEN CORPORATION WILSON, NC	7,671,958.78	+11.6

C203759
34817.3.13
NHP-0620(031)
CUMBERLAND
U-2519CA, B-5516

PROPOSAL LENGTH 3.100 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION FUTURE I-295 FROM S OF US-401 TO S OF SR-1400 & REPLACEMENT OF BRIDGE #14 ON SR-3569 OVER BONES CREEK (LAKE RIM RUNOFF).

EST CONST PROGRESS.... FY-2017..13% OF BID
FY-2018..31% OF BID
FY-2019..28% OF BID
FY-2020..19% OF BID
FY-2021..09% OF BID

RPN 022 3 BIDDER(S) DBE GOAL 9.00 %

ESTIMATE 103,597,400.00

DATE AVAILABLE AUG 01 2016

FINAL COMPLETION MAY 01 2021

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
BARNHILL CONTRACTING COMPANY	93.00	15.33	100,661,097.00	-2.83	15,431,346.17	85,229,750.83	-17.73
ZACHRY CONSTRUCTION CORPORATION	86.00	10.67	109,187,099.00	+5.4	11,650,263.46	97,536,835.54	-5.85
FLATIRON CONSTRUCTORS, INC.	92.00	14.67	115,027,097.00	+11.03	16,874,475.13	98,152,621.87	-5.26

PROPOSAL	PROPOSED COMPLETION DATE
BARNHILL CONTRACTING COMPANY	MAR 25 2021
ZACHRY CONSTRUCTION CORPORATION	MAR 04 2020
FLATIRON CONSTRUCTORS, INC. BLYTHE DEVEI	MAY 01 2020

C203808
40152.3.1
STATE FUNDED
GUILFORD
B-4961

PROPOSAL LENGTH 0.085 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING & STRUCTURE.

LOCATION BRIDGE #208 OVER LITTLE ALAMANCE CREEK ON SR-3051 (KNOX ROAD).

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

RPN 008 6 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 5.00%
ESTIMATE 858,239.89

DATE AVAILABLE OCT 15 2016 THRU MAR 01 2017
INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT 180 DAYS AFTER START DATE
FINAL COMPLETION 360 DAY(S) AFTER START DATE

	$ TOTALS	% DIFF
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	798,228.00	-7.0
EASTERN STRUCTURES LLC MOCKSVILLE, NC	808,488.00	-5.8
SMITH-ROWE, LLC MOUNT AIRY, NC	824,404.30	-3.9
DANE CONSTRUCTION, INC. MOORESVILLE, NC	842,902.75	-1.8
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	925,707.22	+7.9
BURLEIGH CONSTRUCTION COMPANY INC CONCORD, VA	1,096,222.00	+27.7

C203843
53029.3.1
NHPIM-0085(3)117
GUILFORD, RANDOLPH
I-5738, I-5789, I-5821

PROPOSAL LENGTH 7.400 MILES

TYPE OF WORK PAVEMENT AND BRIDGE REHABILITATION.

LOCATION I-85 FROM I-85 BUSINESS TO MAIN STREET IN ARCHDALE.

EST CONST PROGRESS.... FY-2017..89% OF BID
FY-2018..11% OF BID

RPN 009 3 BIDDER(S) DBE GOAL 3.00 %

ESTIMATE 15,088,304.67

DATE AVAILABLE AUG 01 2016

FINAL COMPLETION OCT 01 2018

	$ TOTALS	% DIFF
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	18,651,885.24	+23.6
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	22,417,748.54	+48.6
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	26,182,887.17	+73.5

C203748
33712.3.2
STATE FUNDED
CHATHAM
B-4461

PROPOSAL LENGTH 0.189 MILES

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

LOCATION BRIDGE #10 OVER SHADDOX CREEK ON SR-1916.

EST CONST PROGRESS.... FY-2017..87% OF BID
FY-2018..13% OF BID

RPN 010 3 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 5.00%
ESTIMATE 1,447,675.48

DATE AVAILABLE AUG 01 2016
INTER COMPLETION OCT 15 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION AUG 13 2018

	$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	1,612,435.84	+11.4
SANFORD CONTRACTORS, INC. SANFORD, NC	1,689,450.00	+16.7
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,829,550.97	+26.4

C203750
40158.3.1
BRZ-1203(2)
HOKE, SCOTLAND
B-4967

PROPOSAL LENGTH 0.118 MILES

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

LOCATION BRIDGE #8 OVER DROWNING CREEK ON SR-1412/SR-1203 (TURNPIKE ROAD)

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

RPN 011 11 BIDDER(S) DBE GOAL 5.00 %

ESTIMATE 1,294,925.60

DATE AVAILABLE OCT 15 2016 THRU MAR 01 2017

INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT 180 DAYS AFTER START DATE

FINAL COMPLETION 360 DAY(S) AFTER START DATE

	$ TOTALS	% DIFF
DELLINGER, INC. MONROE, NC	1,150,576.45	-11.1
SANFORD CONTRACTORS, INC. SANFORD, NC	1,226,650.00	-5.3
SMITH-ROWE, LLC MOUNT AIRY, NC	1,319,970.70	+1.9
S. T. WOOTEN CORPORATION WILSON, NC	1,375,312.69	+6.2
THE TARA GROUP OF LUMBERTON INC LUMBERTON, NC	1,388,068.05	+7.2
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JOI	1,402,706.45	+8.3
CAROLINA BRIDGE CO., INC. ORANGEBURG, SC	1,430,533.61	+10.5
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,464,667.80	+13.1
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	1,508,064.30	+16.5
HRI INC DBA HRI BRIDGE COMPANY STATE COLLEGE, PA	1,558,955.95	+20.4
LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC. PINEVILLE, NC	1,678,330.40	+29.6

C203879
2016CPT.08.16.10471, 2016CPT.08.16.20471
STATE FUNDED
HOKE

PROPOSAL LENGTH 11.422 MILES

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

LOCATION NC-211 FROM BRIDGE #4 TO ROBESON COUNTY LINE AND 5 SECTIONS OF SECONDARY ROADS.

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

RPN 012 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 1,810,416.70

DATE AVAILABLE AUG 08 2016

FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	1,715,378.69	-5.2
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	1,832,647.43	+1.2

C203882
2016CPT.08.17.10191, 2016CPT.08.17.20191
STATE FUNDED
CHATHAM

PROPOSAL LENGTH 42.313 MILES

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

LOCATION 1 SECTION OF US-64, 2 SECTIONS OF US-421, 3 SECTIONS OF NC-87, AND 18 SECTIONS OF SECONDARY ROADS.

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

RPN 013 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%

ESTIMATE 7,416,370.15

DATE AVAILABLE AUG 08 2016
INTER COMPLETION NOV 23 2016 COMPLETE ALL WORK REQUIRED ON MAPS #4, #9, AND #17.
FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	7,476,879.28	+0.8
RILEY PAVING INC CARTHAGE, NC	7,576,128.32	+2.2

C203880
2016CPT.08.18.10531, 2016CPT.08.18.20531
STATE FUNDED
LEE

PROPOSAL LENGTH 18.057 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-1, 1 SECTION OF NC-42, AND 6 SECTIONS OF SECONDARY ROADS.

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

RPN 014 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 2,657,507.78

DATE AVAILABLE AUG 15 2016
FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	2,585,160.80	-2.7
RILEY PAVING INC CARTHAGE, NC	2,603,637.12	-2.0

C203881
2016CPT.08.19.10831, 2016CPT.08.19.20831
STATE FUNDED
SCOTLAND

PROPOSAL LENGTH 12.110 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-401 AND 3 SECTIONS OF SECONDARY ROADS.

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

RPN 015 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 1,511,117.05

DATE AVAILABLE AUG 08 2016
FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
HUDSON PAVING, INC. ROCKINGHAM, NC	1,446,728.76	-4.3
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	1,624,010.72	+7.5

C203884

2016CPT.10.21.10601.1, 2016CPT.10.21.10601.2, 2016CPT.10.21.10601.3, 2016CPT.10.21.10601.4, 2016CPT.10.21.10601.5, 2016CPT.10.21.10601.6, 2016CPT.10.21.20601.1, 2016CPT.10.21.20601.10, 2016CPT.10.21.20601.11, 2016CPT.10.21.20601.12, 2016CPT.10.21.20601.13, 2016CPT.10.21.20601.14, 2016CPT.10.21.20601.2, 2016CPT.10.21.20601.3, 2016CPT.10.21.20601.4, 2016CPT.10.21.20601.5, 2016CPT.10.21.20601.6, 2016CPT.10.21.20601.7, 2016CPT.10.21.20601.8, 2016CPT.10.21.20601.9

STATE FUNDED

MECKLENBURG

PROPOSAL LENGTH 26.720 MILES

TYPE OF WORK MILLING, RESURF, FULL DEPTH RECLAMATION AND SHLD RECONST.

LOCATION 2 SECTIONS OF US-29, 4 SECTIONS OF NC-160, 1 SECTION OF NC-115 & NC-27, AND 17 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..83% OF BID
FY-2018..17% OF BID

RPN 016 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%

ESTIMATE 6,392,026.63

DATE AVAILABLE AUG 01 2016

INTER COMPLETION SEP 30 2016 COMPLETE FULL-DEPTH RECLAMATION & AST OPERATIONS ON MAPS #12 & #22.

FINAL COMPLETION NOV 15 2017

	$ TOTALS	% DIFF
BLYTHE BROTHERS ASPHALT CO LLC CHARLOTTE, NC	7,229,832.34	+13.1
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	7,357,077.22	+15.1
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	7,533,392.90	+17.9

C203886

2016CPT.10.22.10601.1, 2016CPT.10.22.10601.2, 2016CPT.10.22.10601.3, 2016CPT.10.22.10601.4, 2016CPT.10.22.10601.5, 2016CPT.10.22.20601.1, 2016CPT.10.22.20601.2, 2016CPT.10.22.20601.3, 2016CPT.10.22.20601.4, 2016CPT.10.22.20601.5, 2016CPT.10.22.20601.6

STATE FUNDED

MECKLENBURG

PROPOSAL LENGTH 18.110 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF NC-16 & NC-51, 11 SECTIONS OF SECONDARY ROADS, AND 1 REST AREA.

EST CONST PROGRESS.... FY-2017..83% OF BID
FY-2018..17% OF BID

RPN 017 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%

ESTIMATE 5,306,326.58

DATE AVAILABLE AUG 01 2016

FINAL COMPLETION NOV 15 2017

	$ TOTALS	% DIFF
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	5,956,630.24	+12.3
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	6,820,223.61	+28.5

C203768
42256.3.FD1
BRZ-1557(2)
WATAUGA
B-5118

PROPOSAL LENGTH 0.066 MILES

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

LOCATION BRIDGE #55 OVER LANCE CREEK ON SR-1557.

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

RPN 018 4 BIDDER(S) DBE GOAL 5.00 %

ESTIMATE 691,972.05

DATE AVAILABLE OCT 17 2016

INTER COMPLETION MAY 01 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
JAN 15 2017 COMPLETE ALL WORK REQUIRED OF PHASE II

FINAL COMPLETION OCT 28 2017

	$ TOTALS	% DIFF
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	717,449.25	+3.7
SUMMERS-TAYLOR, INC. ELIZABETHTON, TN	742,338.56	+7.3
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	944,143.35	+36.4
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,039,468.90	+50.2

C203809
38538.3.1
STATE FUNDED
IREDELL
B-4766

PROPOSAL LENGTH 0.145 MILES

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

LOCATION BRIDGE #69 OVER ROCKY CREEK ON NC-115.

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

RPN 019 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 1,413,562.73

DATE AVAILABLE AUG 15 2016
INTER COMPLETION JUN 01 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION NOV 28 2017

	$ TOTALS	% DIFF
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,483,127.90	+4.9
SMITH-ROWE, LLC MOUNT AIRY, NC	1,490,633.23	+5.5
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	1,583,987.56	+12.1
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	1,591,404.48	+12.6
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	1,640,028.25	+16.0

C203662
42303.3.FD1
BRZ-1302(41)
IREDELL
B-5142

PROPOSAL LENGTH 0.443 MILES

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

LOCATION BRIDGE #57 OVER CORNELIUS CREEK AND APPROACHES ON SR-1302.

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

RPN 020 4 BIDDER(S) DBE GOAL 11.00 %

ESTIMATE 3,810,706.93

DATE AVAILABLE AUG 01 2016
INTER COMPLETION NOV 01 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION APR 30 2018

	$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	5,023,058.45	+31.8
LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC. PINEVILLE, NC	5,102,658.63	+33.9
HRI INC DBA HRI BRIDGE COMPANY STATE COLLEGE, PA	5,586,886.74	+46.6
DANE CONSTRUCTION, INC. MOORESVILLE, NC	6,637,536.24	+74.2

C203769
46125.3.1
BRZ-1367(3)
JACKSON
B-5410

PROPOSAL LENGTH 0.125 MILES

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

LOCATION BRIDGE #221 OVER LITTLE SAVANNAH CREEK ON SR-1367.

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

RPN 021 3 BIDDER(S) DBE GOAL 5.00 %

ESTIMATE 868,439.20

DATE AVAILABLE AUG 01 2016
INTER COMPLETION JUL 01 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION DEC 28 2017

	$ TOTALS	% DIFF
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	817,511.70	-5.9
MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	879,596.85	+1.3
BUCKEYE BRIDGE, LLC CANTON, NC	889,779.65	+2.5

ESTIMATE TOTAL	169,288,830.9	
LETTING TOTAL	172,799,859.77	+2.1

NCDOT July 2016
Board of Transportation Agenda

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

Professional Services Management

Technical Services

Roadway Design
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.

DIVISION 2

Project:	35781.1.2 (U-3315) Pitt County Greenville – Stantonsburg Road-Tenth Street Connector from US/NC11 (Memorial Drive) to SR 1702 (Evans Street)
Scope of Work:	Roadway Design, Hydraulic Design, Location and Surveys, Landscape Design, and Lighting Design
Estimated Construction Cost:	$35,700,000.00
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC
Original Engineering Fee:	$ 576,697.12
Previous Supplemental Fee:	$1,020,150.29
Supplemental Fee:	$ 86,453.62
Supplemental Work:	Preparing additional data sheets for right of way and permanent monumentation, including staking additional R/W and permanent easement monuments, as requested by NCDOT
SPSF Utilization:	Rivers & Associates, Inc. $7,613.54 8.81%

DIVISION 3

Project:	41582.1.1 (R-5021) Brunswick County NC 211 from SR 1500 (Midway Road) to NC 87
Scope of Work:	Roadway and Hydraulic Design
Estimated Construction Cost:	$58,200,000
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee:	$452,507.05
Previous Supplemental Fee:	$172,338.75
Supplemental Fee:	$ 38,256.84
Supplemental Work:	Additional roadway and hydraulic design work due to additional bridge over CP&L Canal and wetland delineation change on the Mirasol property
SPSF Utilization:	0%

DIVISION 6

Project:	39049.1.1 (U-4405) Cumberland County Fayetteville – US 401 (Raeford Road) from west of Hampton Oaks Drive to east of Fairway Drive
Scope of Work:	Hydraulic Design
Estimated Construction Cost:	$38,300,000.00
Firm:	Atkins North America, Inc., Raleigh NC
Original Engineering Fee:	$522,078.52
Previous Supplemental Fee:	$ 77,344.52
Supplemental Fee:	$ 30,625.06
Supplemental Work:	Drainage design revisions on -RPB- and addition of noise wall along -RPB- (800 feet +/-); drainage revisions made to -SR1-, -SR2-, and -SR3- (1400 feet), drainage design revisions at bus turnout removals; utility coordination meetings (4), review multiple utility conflicts and adjust drainage design to minimize replacement of particular sewer line; Coordination with City of Fayetteville to address City drainage issues, drainage design changes made at Banyan Road
SPSF Utilization:	0%

DIVISION 11

Project:	34518.1.3 (R-2915B) Ashe County US 221 from SR 1003 (Idlewild Road) to north of South Fork New River
Scope of Work:	Roadway and Hydraulic Design
Estimated Construction Cost:	$28,900,000.00
Firm:	CDM Smith, Inc., Raleigh, NC
Original Engineering Fee:	$293,979.50
Previous Supplemental Fee:	$ 8,665.61
Supplemental Fee:	$ 13,623.20
Supplemental Work:	Re-aligning DR1 and DR2, per the Division's Request
SPSF Utilization:	0%

Hydraulics

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:	2015 Hydraulics LSC
Firm:	URS Corporation North Carolina, Morrisville, NC
Original Engineering Fee:	$250,000.00
Supplemental Fee:	$500,000.00
SPSF Utilization:	0%

Transit

Rail

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

DIVISION 5

Project:	44643.1.1 (P-5707) Wake County CSX S Line, Construct Grade Separation at Rogers Road Extension Crossing (633905Y) in Wake Forest
Scope of Work:	Roadway, Track and Structure Design Services
Estimated Construction Cost:	$9,000,000.00
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	$2,000,000.00
SPSF Utilization:	0%

DIVISION 10

Project:	44475.1.2 (P-5705B) Mecklenburg County Charlotte Gateway Station (STI)
Scope of Work:	Track and Structure Design Services
Estimated Construction Cost:	$53,000,000.00
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	$3,000,000.00
SPSF Utilization:	Hinde Engineering, Inc. $150,000.00 5%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. $150,000.00 5%

Aviation

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

STATEWIDE

Description of Work:	2012 General Aviation LSC
Firm:	CH2M Hill, Inc., Raleigh, NC
Original Engineering Fee:	$1,000,000.00
Supplemental Fee:	$1,000,000.00
SPSF Utilization:	Richard Catlin & Associates, Inc. $50,000.00 5%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. $50,000.00 5%

Deputy Chief Engineer

Transportation Asset Analytics
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 Highway Asset Inventory and Assessment on an as needed basis for various federal-aid and state funded projects to support Transportation Asset Analytics. These contracts will expire two (2) years (with up to three (3) one-year renewals) after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	Volkert, Inc., Birmingham, Alabama
Maximum Engineering Fee:	$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	$2,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	A. Morton Thomas & Associates, Inc., Raleigh, NC
Maximum Engineering Fee:	$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	Mattern & Craig, Inc., Asheville, NC
Maximum Engineering Fee:	$500,000.00
SPSF Utilization:	100%
Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC
Maximum Engineering Fee:	$500,000.00
SPSF Utilization:	100%

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 projects. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are information only.

STATEWIDE

Description of Work:	Utility Coordination Services
Firm:	Cardno, Inc., Charlotte, NC
Original Engineering Fee:	$300,000.00
Previous Supplemental Fee:	$250,000.00
Supplemental Fee:	$100,000.00
SPSF Utilization:	0%

Description of Work:	Utility Coordination Services
Firm:	KCI Associates of North Carolina, PA, Raleigh, NC
Original Engineering Fee:	$300,000.00
Previous Supplemental Fee:	$250,000.00
Supplemental Fee:	$100,000.00
SPSF Utilization:	0%

NCDOT July 2016 Board of Transportation Agenda

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

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No./ Road Name	Description	Amount
Watauga Div. 11	SR 1353 Hardin Road	GDB&P. WBS 11C.095122	$25,000.00
Gaston Div. 12	Weldon and Washington Street	Upgrade to Maintenance Standards. WBS 12C.036105	$12,000.00
Henderson Div. 14	SR 1573 Kyles Creek Road	GDB&P. Increase Funds. WBS 14C.045164	$15,311.42
Transylvania Div. 14	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 14C.088023	$53,293.03
Transylvania Div. 14	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 14C.088024	$200,000.00
Transylvania Div. 14	SR 1301 Cold Mountain Road	GDB&P. Increase Funds. WBS 14C.088064	$1,700.00
Transylvania Div. 14	SR 1350 Pinnacle Road	GDB&P. Increase Funds. WBS 14C.088083	$100,000.00

Corrections:
June 2016 BOT Agenda listed 11C.061015. It should be 13C.061015.
June 2016 BOT Agenda 14C.044101 was incorrectly listed in Division 13.

July 2016 Item E Summary:

5	**Projects to Increase Funds**	**Amount:**	**$370,304.45**
2	**Projects to Establish Funds**	**Amount:**	**$37,000.00**
0	**Projects to Increase and Close**	**Amount:**	**$0.00**
0	**Projects to Delete**	**Amount:**	**-$0.00**

NCDOT July 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Currituck	51099		**Cypress Landing Subdivision**	5/4/16
		0.09	Tristan Way	
		0.47	Cypress Landing Drive	
		0.31	Northwest River Drive	
Division 2				
Craven	51100		**Lynwood Highlands Subdivision**	12/3/15
		0.18	Palisades Way, SR 2014 Ext	
		0.23	Lynden Lane	
		0.05	Quincy Court	
Division 4				
Johnston	51101		**Corinth Crossing Subdivision**	4/11/16
		0.22	Sunbury Court	
Division 5				
Durham	51102		**Hunter Hills Subdivision**	6/3/16
		0.26	Swisswood Drive	
Granville	51103		**Preserve at Smith Creek Subdivision**	5/10/16
		0.06	Smith Creek Way, SR 1800 Ext.	
		0.28	Garner Terrace Way	
		0.17	Old Still Way	
		0.17	Cotton Field Court	
Vance	51104		**East View Farms Subdivision**	5/24/16
		0.08	Pin Oak Circle	
Wake	51105		**Braxton Pointe Subdivision**	5/15/16
		0.22	Overdale Lane, SR 5365, Ext.	
		0.09	Wynne Trace Court	
		0.15	Farthingale Court	
Division 6				
Cumberland	51106		**Cypress Glen Subdivision**	5/13/16
		0.09	Cypress Glen Road	
Harnett	51107		**Tirzah Village Subdivision**	4/15/16
		0.06	Tirzah Drive, SR 1337 Ext.	
Harnett	51108		**Regal Crest Subdivision**	4/26/16
		0.28	Regal Crest Drive	

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

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

County	Description	Type	Amount
Div 2 Carteret	Town of Beaufort – Construct & pave driveway access for Beaufort Fire Dept located on Live Oak St WBS 48124	Public Access TOTAL	$25,000.00 $25,000.00
Div 6 Cumberland	WBS 44412 was established (05/15) for construction of turn lanes on SR 1714 (River Rd) at the new intersection created by the relocation of SR 1730 (Underwood Rd) Increase funds	Econ Development TOTAL	$250,000.00 $250,000.00
Div 7 Guilford	City of Greensboro – Safety improvements along SR 1129 (Groometown Rd) between the I-85 collector ramp and the SR 3314 (Wiley Davis Rd) intersection WBS 44827	Contingency TOTAL	$157,500.00 $157,500.00
Div 12 Catawba	City of Claremont – Grade, drain, base, & pave approximately 1,400 ft of industrial access road for new industrial facility; Project Longbow WBS 45858	Econ Development TOTAL	$375,000.00 $275,000.00
Div 14 Cherokee	Pave driveway access to Hiwassee Dam Volunteer Fire Dept located on Hwy 294 WBS 44832	Public Access TOTAL	$25,000.00 $25,000.00
Div 14 Cherokee	Pave driveway access to bays at Hiwassee Dam Rescue Squad WBS 44846	Public Access TOTAL	$25,000.00 $25,000.00

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

Summary:	**Number of Projects**	**6**	
	Number of Divisions	**5**	
	Small Construction Commitment		**$0.00**
	Public Access Commitment		**$75,000.00**
	Contingency Commitment		**$157,500.00**
	Economic Development		**$625,000.00**
		TOTAL	**$857,500.00**

NCDOT June 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 6				
Harnett	51109		**Nature's Crossroads Subdivision**	5/18/16
		0.25	Red Bird Drive	
Division 7				
Orange	51110		**Chancellors View Subdivision**	2/18/16
		0.24	Founders Ridge Drive	
Division 9				
Forsyth	51111		**Quail Hollow Subdivision**	5/26/16
		0.04	Highridge Road, SR 4307 Ext.	
		0.05	High Ridge Court	
		0.20	Longreen Drive, SR 4308 Ext.	
		0.05	Quail Hunt Circle	
Forsyth	51112		**Covington Place Subdivision**	5/23/16
		0.03	Blackbird Court	
Forsyth	51113		**Aspen Forest Subdivision**	5/23/16
		0.18	Ellworth Ridge Drive, SR 4482 Ext.	
Division 12				
Catawba	51114		**Carolina Point Subdivision**	5/12/16
		0.13	54th Avenue NE, SR 1652 Ext.	
Gaston	51115		**Abbington Subdivision**	5/19/15
		0.03	Gatwick Circle	
		0.05	Stratford Glen	
Iredell	51116		**Highland Ridge Subdivision**	6/11/15
		0.22	Nesting Quail Lane	
Iredell	51117	0.19	Tonewood Street	5/27/16
Lincoln	51118		**The Ranches at Beth Haven Subdivision**	5/19/16
		0.24	Havencrest Drive	
		0.14	Bethshire Lane	
		0.11	Ridgemont Drive	
Division 13				
Buncombe	51119		**Swannanoa Habitat Subdivision**	5/17/16
		0.07	Nolan Field Lane	

NCDOT June 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 13				
Rutherford	51120	0.21	Fleece Lane	5/6/16
Division 14				
Henderson	51121		**Ravenwood Meadows Subdivision**	1/4/16
		0.10	Tupelo Drive	
Henderson	51122		**The Sanctuary at Mills River Subdivision**	4/1/16
		0.30	Promised Ridge Drive	

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 7				
Rockingham	51123	0.17	Portion of SR 2190 Danbury Bridge Road	2/26/16
Division 8				
Randolph	51124	0.09	Portion of SR 1168 Bingham Loflin Road	4/22/16
Division 12				
Iredell	51125	0.07	SR 1934 Hillside Lane	5/31/16

CORRECTIONS:
Division 5, Wake County Petition Number 51097 should not have been listed.

Division 8, Chatham County Petition Number 51080 should not have been listed.

Division 11, Caldwell County Petition Number 51090 correct mileages should be: Crystal Falls Avenue 0.17, Rio De Luna 0.70, Luna Point 0.05 and Crystal Cove place 0.04.

Summary: **Number of Roads Petitioned for Addition – 39**
Number of Roads Petitioned for Abandonment – 3

June 30, 2016

Highway Division #	5307 Program - Operating Funding	Estimated Project Cost	
9	**17-SU-026** - The NCDOT will be applying for 5307 Funds from the Governor's Allocation of Small Urban 5307 funds for operating assistance. Funds will be provided to the Davidson County Transportation System for operating service associated with the High Point Urban Area.	$180,000 $90,000 $0 $90,000	Total Federal State Local
7	**17-SU-049** - The NCDOT will be applying for 5307 Funds from the Governor's Allocation of Small Urban 5307 funds for operating assistance. Funds will be provided to the Guilford County Transportation System for operating service associated with the High Point Urban Area.	$70,000 $35,000 $0 $35,000	Total Federal State Local
7	**17-SU-041** - The NCDOT will be applying for 5307 Funds from the Governor's Allocation of Small Urban 5307 funds for operating assistance. Funds will be provided to the Alamance County Transportation System for operating service associated with the Burlington Urban Area.	$641,838 $320,919 $0 $320,919	Total Federal State Local
7	**17-SU-056A** - The NCDOT will be applying for 5307 Funds from the Governor's Allocation of Small Urban 5307 funds for operating assistance. Funds will be provided to the Orange County Public Transportation System for operating service associated with the Burlington Urban Area.	$93,738 $46,869 $0 $46,869	Total Federal State Local
7	**17-LU-056B** - The NCDOT will be applying for 5307 Funds from the Allocation to the Durham Chapel Hill Carrboro Urban Area for operating assistance. Funds will be provided to the Orange County Public Transportation System for operating service associated with the Durham Chapel Hill Carrboro Urban Area.	$129,774 $64,887 $0 $64,887	Total Federal State Local

Highway Division #	Statewide CMAQ	Estimated Project Cost	
10	**17-CQ-907 CCCP Community Trust** will use funds to develop and implement a comprehensive marketing, outreach, and promotional strategy to encourage bicycling to, from and around the City of Charlotte's urban core. The period of performance is 7/1/2016-6/30/2018.	$126,177 $100,941 $6,309 $18,927	Total Federal State Local
7	**17-CQ-12A Piedmont Authority for Regional Transportation** will use funds to incorporate a telematics system in their fleet vehicles as a means to track vanpool usage and VMT reduction as well as provide incentives to users of vanpool programs. The period of performance is 7/1/2016-6/30/2018	$305,506 $244,404 $30,551 $30,551	Total Federal State Local

7	**17-CQ-12B Piedmont Authority for Regional Transportation** will use funds to incentivize formal carpool groups to report their trips as a means to encourage use and to better track VMT reduction by these programs. The period of performance is 7/1/2016-6/30/2018.	$55,204 $44,163 $5,520 $5,521	Total Federal State Local
5, 7	**17-CQ-118 Research Triangle Regional Public Transportation Authority** will use funds to implement a project to study mobility-on-demand options for last-mile transit connections in Research Triangle Park. The period of performance is 7/1/2016-6/30/2018.	$150,000 $120,000 $15,000 $15,000	Total Federal State Local
10	**17-CQ-906 Sustain Charlotte Inc** will use funds use neighborhood-based, point-of-origin trip demand reductions utilizing smart city/internet of things technologies to enable near real-time communications and outreach. The period of performance is 7/1/2016-6/30/2017.	$60,000 $48,000 $6,000 $6,000	Total Federal State Local
5, 7	**17-CQ-901 Triangle J Council of Governments** will use funds to develop a Teleworking Toolkit, which will provide tangible resources for organizations to implement effective and regionally focused telework programs. The period of performance is 7/1/2016-6/30/2018.	$90,619 $72,485 $9,062 $9,072	Total Federal State Local

Item I - 1, 11 Projects, Total Federal/State Funds $ 1,260,110

ADDITIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5218	GoTriangle (CAMPO)	Purchase of Replacement Paratransit Vehicles (3) and Related Equipment	FUZ	5307		226					
			State	S		28					
			Local	L		28					
TA-5219	GoTriangle (CAMPO)	Purchase of Replacement Buses (5)	FUZ	5307		1,880					
			State	S		235					
			Local	L		235					
TA-5201	GoTriangle (CAMPO)	Purchase of Replacement Bus (1) and Vanpool Vehicles (5)	FBUS	5339		502					
			State	S		63					
			Local	L		63					
TD-5278	GoTriangle (CAMPO)	Facility Maintenance and Operations Center Mezzanine Project – Design,Engineering, and Construction	FUZ	5307		72	85	243			
			State	S		9	11	30			
			Local	L		9	11	30			
TA-5202	GoRaleigh	ADA Expansion Bus	FUZ	5307	240	240	240				
			L	L	188	188	188				
			FBUS	5339	240	240	240	240	240		
			L	L	188	188	188	188	188		
TG-4806	C-Tran	Preventive Maintenance, bus facilities, support equipment, and software	FUZ	5307	300	300	300	300	300		
			Local	L	75	75	75	75	75		
			FBUS	5339	480	175	180	185	190		
			Local	L	120	45	45	50	50		
TT-5209	GoRaleigh	Computer Aided Dispatch and Bus Tracking system	5307	STPDA		1,069					
			Local	L		267					
TD-4943	GoRaleigh	Facility Transit Center – Moore Square Station Expansion	FUZ	5307	1,400						
			Local	L	350						
TD-5274	GoRaleigh	Facility – Paratransit-Renovation, GoRaleigh/Wake Coordinated	FBUS	5339	1,650	850					
			Local	L	413	213					

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TG-4792B	GoRaleigh	ADA Paratransit Service	FUZ	5307	750	750	750	750	750		
			Local	L	188	188	188	188	188		
TG-4935A	C-Tran	Routine Capital – Cost of Contracting	FUZ	5307	1,700	1,800	1,900	1,950	2,000		
			Local	L	2,720	2,880	3,040	3,120	3,200		
			FBUS	5339	480	175	180	185	190		
			Local	L	720	265	270	280	285		
TO-5129	C-Tran	Operating Assistance	FUZ	5307	50	50	50	50	50		
			State	SMAP	195	195	200	200	210	220	220
			Local	L	50	50	50	50	50		
		CONTINUED			**FY23**						
			FUZ	5307							
			State	SMAP	230						
			Local	L							

ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TO-5126	Winston Salem Transit Authority	Operating Assistance	FUZ	5307	1,134	906	906	906	906	906	906
			Local	L	1,134	906	906	906	906	906	906
			State	SMAP	1,134	906	906	906	906	906	906
					FY 23						
		CONTINUED	FUZ	5307	906						
			Local	L	906						
			State	SMAP	906						

Item I-1A, 13 Projects, Total Federal/State funds $12,986,000

NCDOT June 2016 Board of Transportation Agenda
Rail Program

Town/County Division	Project Description	Estimated Cost
Statewide	The Rail Division requests approval to award a contract to the most responsive bidder for the refurbishment of two cab control units. The refurbished cab control units will be used in daily Piedmont passenger service. Awarded through a competitive application process, CMAQ funding has been provided by the Federal Highway Administration (FHWA) for this project not to exceed $1,835,402. The project will be paid for with 80% Federal funds and 20% state fund match. All equipment will be refurbished to meet or exceed all current Federal Railroad Administration and ADA standards. TIP No. C-5600A	$1,835,402
Division 8 Hoke County	The Rail Division requests Board approval of the reallocation of previously awarded Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from two projects (Yadkin Valley Railroad/NC Granite and Winston-Salem Southbound Railway/Leggett & Platt) due to lack of industry commitment required by the program. Funds are proposed to be used in improving an at-grade railroad crossing by installing a concrete surface to replace the existing surface on the Laurinburg & Southern Company (LRS). The crossing to be improved is 852 683V (US 401 Business – Harris Avenue in Raeford). LRS will provide the necessary labor to install the materials at no cost to the Department. The total estimated cost to the Rail Division is $60,000.	$60,000
Division 14 Swain County	The Rail Division requests Board approval of the reallocation of previously awarded Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from the Reliance Packaging project and a partial reallocation from the Norfolk Southern /Agrium project due to lack of industry commitment required by the program. Funds are proposed to be used in improving an at-grade railroad crossing by installing a concrete surface to replace the existing surface on the Great Smoky Mountain Railway (GSMR). Additional funds are needed due to the addition of crossing signal improvements needed associated with the surface improvements. The crossing to be improved is 720 196J (SR 1364 Everett Street in Bryson City). GSMR will provide the necessary labor to install the materials at no cost to the Department. The total estimated cost to the Rail Division is $45,000. The total estimated cost of the project has been revised from $190,000 to $235,000.	$45,000

ITEM I-2 SUMMARY – 3 PROJECT(S) – (TOTAL FEDERAL AND STATE) $1,940,402

NCDOT July 2016 Board of Transportation Agenda

Bike & Pedestrian Program

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the June 30, 2016 Board of Transportation meeting.	

ITEM I-3 SUMMARY – NO PROJECTS

NCDOT July 2016 Board of Transportation Agenda

Aviation Program

Division **Airport**	**Project Title** Project Description [Partner Connect #]	**Estimated** **Cost**
Division 2 Kinston Regional Jetport at Stallings Field	**RELOCATE ELECTRICAL VAULT AND AIRFIELD LIGHTING IMPROVEMENTS (Grant Amendment 36237.51.9.4)** Rehabilitate failing electrical and lighting system to enhance safe operations of the airfield. Supplemental funds are needed to enhance the FAA funding already provided to complete the project. [2718]	$235,414
Division 6 Curtis L. Brown Jr. Field Airport	**NEW TERMINAL BUILDING (Construction Only)** Construction of a new terminal building to replace the existing building. The design is currently in progress. The new terminal building will meet the system plan objectives and is being designed to meet the community's aeronautical needs. [3405]	$562,500
Division 6 Fayetteville Regional Airport	**SECONDARY RUNWAY REHABILITATION AND LIGHTING (Grant Amendment 36244.27.13.1)** Runway 10-28 pavement is over 40 years old and the surface is exhibiting significant cracking which poses a safety hazard to aircraft operations. The Pavement Condition Index is 38-45 and considered poor condition. The project has been bid and additional funds are needed to complete the work. [2755]	$1,350,000

ITEM I-4 SUMMARY – 5 PROJECTS - (TOTAL STATE, FEDERAL AND LOCAL COST) $2,147,914
****Project selection and approval for award. Estimated costs are shown; only eligible costs within the project scope of work will be reimbursed.**

NCDOT July 2016 Board of Transportation Agenda **J-1**

Approval of Specific State Funds for Construction Projects

(For projects previously identified as Specific State Funds for Construction projects Now being funded under Strategic Transportation Investments)

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Clay Co. Div. 14 R-4416 STATEWIDE	WBS 38908.1.1 Truck Climbing lane on US 64 from Chunky Gal Gap westward for 2 miles. $910,150.00 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.**	$125,000.00
ITEM J SUMMARY	**1 PROJECT**	**$125,000.00**

June 30, 2016

UPDATED 6/28/16

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Lenoir Co. Div. 2 R-5703 REGIONAL	WBS 46375.1.1 NC 148 (Harvey Parkway) from NC 58 to NC 11. $750,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	$445,000.00
Pitt Co. Div. 2 U-5917 DIVISION	WBS 44679.1.1 SR 1704 (Fourteenth Street) from Red Banks Road to SR 1708 (Firetower Road). Initial funds are requested for preliminary engineering.	$575,000.00
Wayne/ Lenoir Cos. Div. 2/4 R-2554WM STATEWIDE	WBS 34461.4.S3 US 70 (Goldsboro Bypass). $2,500,000.00 has previously been approved for wetland mitigation. Additional funds are needed for wetland mitigation. **This is a Strategic Transportation Investments Transition project.**	$4,488,486.99
Jones/ Onslow Cos. Div. 2/3 R-2514D STATEWIDE	WBS 34442.2.SU5 US 17 from North of NC 58 to the New Bern Bypass. $6,000,000.00 has previously been approved for utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. **This is a Strategic Transportation Investments Transition project.**	$210,000.00
Jones/ Onslow Cos. Div. 2/3 R-2514WM STATEWIDE	WBS 34442.4.2 US 17 (North of Jacksonville) from SR 1327/SR 1410 (Kellum Loop Road) to SR 1330/SR 1439 (Deppe Loop Road/Spring Hill Road) South of Belgrade. Initial funds are requested for wetland mitigation. **This is a Strategic Transportation Investments Transition project**	$5,076,743.74

UPDATED 6/28/16

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pender Co. Div. 3 B-4929 REGIONAL	WBS 40233.3.1 Replace Bridge #16 over the Intracoastal Waterway on NC 50/210. Initial funds are requested for construction.	$46,000,000.00
Wayne Co. Div. 4 AV-5740 DIVISION	WBS 46334.1.1 Wayne Executive Jetport, (GWW), Land Acquisition. Initial funds are requested for preliminary engineering.	$30,000.00
Wayne Co. Div. 4 U-3125 DIVISION	WBS 38991.1.1 US 117 from NC 55 to US 117 relocation. Initial funds are requested for preliminary engineering.	$1,000,000.00
Durham/ Durham Co. Div. 5 U-0071WM STATEWIDE	WBS 34745.4.2 East End Connector, NC 147 (Durham Freeway) to North of NC 98 in Durham. Initial funds are requested for wetland mitigation. **This is a Strategic Transportation Investments Transition project.**	$5,412.14
Durham Co. Div. 5 U-4716BA DIVISION	WBS 39080.3.4 Traffic signal at Keystone Park Drive and Hopson Road. Initial funds are requested for construction.	$120,000.00

UPDATED 6/28/16

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 B-5940 STATEWIDE	WBS 46485.3.1 US 70 / NC 50 (Glenwood Avenue). Rehabilitate Bridges # 84 and #91 over Crabtree Creek in Raleigh. Initial funds are requested for construction.	$1,275,500.00
Wake Co. Div. 5 P-5602B STATEWIDE	WBS 46393.1.2 CSX - Durham/Apex/Cary Rail study. $50,000.00 has previously been approved for preliminary engineering. Funds need to decreased ($50,000.00). WBS will be closed.	-$50,000.00
Wake Co. Div. 5 R-2635WM STATEWIDE	WBS 35520.4.1 Triangle Expressway (Western Wake Freeway / Raleigh Outer Loop) from NC 55 (South) to NC 55 (North). Initial funds are requested for wetland mitigation.	$271,744.07
Cumberland Co. Div. 6 U-5101 DIVISION	WBS 41899.1.1 SR 1437 (Shaw Road)/ SR 1614 (Shaw Mill Road)/ SR 1615 (Rosehill Road - Stacey Weaver Drive) from US 401 (Ramsey Street) to NC 210 (Murchison Road). Initial funds are requested for preliminary engineering.	$500,000.00
Robeson Co. Div. 6 B-5693 DIVISION	WBS 45647.3.1 Replace Bridge #59 over Big Marsh Swamp on SR 1924 (Currie Road). Initial funds are requested for construction.	$1,320,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pembroke/ Robeson Co. Div. 6 P-4900 STATEWIDE	WBS 41099.2.S1 Railroad Bypass of Pembroke to allow North to South shipments to turn East. $1,500,000.00 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.**	$300,000.00
Pembroke/ Robeson Co. Div. 6 P-4900B STATEWIDE	WBS 41099.3.3 Railroad Bypass of Pembroke to allow North to South shipments to turn East. Realign SR 1571 (Jones Road) to accommodate railroad track realignment. $805,125.00 has previously been approved for construction. Additional funds are requested. **This is a Strategic Transportation Investments Transition project.**	$320,400.00
Guilford Co. Div. 7 P-5602G STATEWIDE	WBS 46393.1.7 Hilltop Road. Grade separation over the NCRR in Greensboro. $200,000.00 has previously been approved for preliminary engineering. Funds need to be decreased ($199,377.90). WBS will be closed.	-$199,377.90
Guilford/ Rockingham Co. Div. 7 R-2413WM STATEWIDE	WBS 34429.4.1 Future I-73 from NC 68 at SR 2011 (Edgefield Road) in Guilford County to US 220-NC 68 Intersection in Rockingham County. Initial funds are requested for wetland mitigation. **This is a Strategic Transportation Investments Transition project.**	$5,425,149.47
Forsyth Co. Div. 9 U-2579WM STATEWIDE	WBS 34839.4.1 Winston-Salem Northern Beltway Eastern Section (Future I-74) from US 52 to US 311. Initial funds are requested for wetland mitigation.	$6,855,677.92

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Weddington/ Union Co. Div. 10 U-3467 REGIONAL	WBS 39019.2.5 NC 84 from NC 16 to SR 1008 (Waxhaw-Indian Trail Road) in Wesley Chapel. Initial funds are requested for appraisal of Specific Parcel 900.	$25,000.00
Wilkes Co. Div. 11 R-2603WM STATEWIDE	WBS 36001.4.1 NC 268 from NC 18 to SR 1966 (Airport Road). Initial funds are requested for wetland mitigation. **This is a Strategic Transportation Investments Transition project**.	$20,648.29
Yancey/ Mitchell Cos. Div. 13 R-2519WM STATEWIDE	WBS 35609.4.1 US 19E from SR 1336 (Jack's Creek Road) to multi-lane section west of Spruce Pine. Initial funds are requested for wetland mitigation. **This is a Strategic Transportation Investments Transition project**.	$4,406,012.26
Haywood Co. Div. 14 U-5839 DIVISION	WBS 50230.1.1 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). $250,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	$200,000.00
Statewide P-5602I STATEWIDE	WBS 46393.1.9 Development of rail infrastructure and safety projects for further Strategic Transportation Investments prioritization to accommodate improved intermodal connections between inland terminals, ports, military installations, and other rail users to support the diversion of freight traffic from highway to rail. Initial funds are requested for preliminary engineering.	$350,000.00

UPDATED 6/28/16

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	15 PROJECTS	$28,756,396.98
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	3 PROJECTS	$46,470,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	7 PROJECTS	$3,745,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	**25 PROJECTS**	**$78,971,396.98**

June 30, 2016

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Divisionwide Div. 1 EE-4901 DIVISION	WBS 45001.4.1 Ecosystems Enhancement Program. $20,733,571.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustment.	$1,221,448.40
Divisionwide Div. 2 EE-4902 DIVISION	WBS 45002.4.1 Ecosystems Enhancement Program. $2,591,302.00 has previously been approved for project mitigation. Funds need to be decreased ($1,148,253.29)…($514,080.35 is being reduced from Intrastate funds) for SFY 16 adjustment.	-$1,148,253.29
Jones Co. Div. 2 R-2514C STATEWIDE	WBS 34442.2.4 US 17 from North of Maysville to South of NC 58 near Pollocksville. $9,707,398.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. **This is a Strategic Transportation Investments Transition project**.	$130,000.00
Divisionwide Div. 3 EE-4903 DIVISION	WBS 45003.4.1 Ecosystems Enhancement Program. $5,110,884.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustment.	$260,353.78
Divisionwide Div. 4 EE-4904 DIVISION	WBS 45004.4.1 Ecosystems Enhancement Program. $22,541,158.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustment.	$1,319,670.06

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Divisionwide Div. 5 EE-4905 DIVISION	WBS 45005.4.1 Ecosystems Enhancement Program. $20,280,733.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustment.	$119,343.43
Divisionwide Div. 6 EE-4906 DIVISION	WBS 45006.4.1 Ecosystems Enhancement Program. $14,442,181.00 has previously been approved for project mitigation. Funds need to be decreased ($525,900.46) for SFY 16 adjustment.	-$525,900.46
Divisionwide Div. 7 EE-4907 DIVISION	WBS 45007.4.1 Ecosystems Enhancement Program. $20,845,631.00 has previously been approved for project mitigation. Funds need to be decreased ($821,623.00) for SFY 16 adjustment.	-$821,623.00
Divisionwide Div. 8 EE-4908 DIVISION	WBS 45008.4.1 Ecosystems Enhancement Program. $30,305,987.00 has previously been approved for project mitigation. Funds need to be decreased ($190,329.02) for SFY 16 adjustment.	-$190,329.02
Divisionwide Div. 9 EE-4909 DIVISION	WBS 45009.4.1 Ecosystems Enhancement Program. $17,176,024.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustments.	$1,237,780.76

NCDOT July 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Intrastate System

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Divisionwide Div. 10 EE-4910 DIVISION	WBS 45010.4.1 Ecosystems Enhancement Program. $30,397,733.00 has previously been approved for project mitigation. Funds need to be decreased ($6,215.36) for SFY 16 adjustment.	-$6,215.36
Avery/ Watauga Cos. Div. 11 R-2566 STATEWIDE	WBS 37512.1.1 NC 105 from US 221 to SR 1107 (NC 105 Bypass) in Boone. $3,022,425.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	$140,000.00
Divisionwide Div. 11 EE-4911 DIVISION	WBS 45011.4.1 Ecosystems Enhancement Program. $19,477,337.00 has previously been approved for project mitigation Funds need to be decreased ($43,760.24)....(all funds are being reduced from Intrastate funds) for SFY 16 adjustment.	-$43,760.24
Divisionwide Div. 13 EE-4913 DIVISION	WBS 45013.4.1 Ecosystems Enhancement Program. $32,260,047.00 has previously been approved for project mitigation. Funds need to be decreased ($1,757,801.00) for SFY 16 adjustment.	-$1,757,801.00
Divisionwide Div. 14 EE-4914 DIVISION	WBS 45014.4.1 Ecosystems Enhancement Program. $26,171,939.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustment.	$768.30

TRUST FUND INTRASTATE SUMMARY **15 PROJECTS** **-$64,517.64**

June 30, 2016

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Brunswick/ New Hanover Cos. Div. 3 R-2633WM STATEWIDE	WBS 34491.4.1 US 17 (Wilmington Bypass) from US 17 south of Bishop to I-40 south of Castle Hayne. $11,815,030.00 has previously been approved for wetland mitigation. Additional funds are needed for wetland mitigation.	$38,448.54
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.1.5 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). $1,090,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	$255,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579C REGIONAL	WBS 34839.2.6 Winston-Salem Northern Beltway (Eastern Section) from US 158 to US 311. $2,997,669.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	$1,160,000.00

TRUST FUND URBAN LOOP	**3 PROJECTS**	**$1,453,448.54**

STRATEGIC TRANSPORTATION INVESTMENTS	**25 PROJECTS**	**$78,971,396.98**
TRUST FUND INTRASTATE SUMMARY	**15 PROJECTS**	**-$64,517.64**
TRUST FUND URBAN LOOP	**3 PROJECTS**	**$1,453,448.54**
SUMMARY OF FUNDS	**43 PROJECTS**	**$80,360,327.88**

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

June 30, 2016

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
Morehead City/ Carteret Co. Div. 2 SS-4902CF	WBS 44835.3.1 US 70 (Arendell Street) at 9th Street, and SR 1176 (Bridges Street) at SR 1243 (Barbour Road). Initial construction funds are needed for traffic signal revisions to include Accessible Pedestrian Signals (APS). File 02-16-001	$10,000.00
Div. 5 SS-4905DL	WBS 44836.3.1 Initial construction funds are needed for installation of solar powered markers at various locations in Division 5. File 05-16-001	$30,000.00
ITEM L SUMMARY	**2 PROJECTS**	**$40,000.00**

June 30, 2016

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

Division 1

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Divisionwide W-5601HI STATEWIDE	50138.3.218, HSIP-0017(159) Guardrail end unit upgrades multiple sections of US 17 and US 64. Funds are needed for construction for guardrail end unit upgrades.	$500,000.00 $450,000.00 $50,000.00	Cost Fed. State

Rail Program

Washington Co. Z-5400AI DIVISION	43600.3.88, HSIP-1106(015) Railway-Highway Grade Crossing Safety Project. SR 1106 (Morratock Road) at the Carolina Coastal Railroad; Crossing # 466 192H near Plymouth. Funds are needed for construction for flashers and gates.	$201,500.00 $181,350.00 $20,150.00	Cost Fed. State
Washington Co. Z-5400AI DIVISION	43600.1.88, HSIP-1106(015) Railway-Highway Grade Crossing Safety Project. SR 1106 (Morratock Road) at the Carolina Coastal Railroad; Crossing # 466 192H near Plymouth. Funds are needed for preliminary engineering.	$8,000.00 $7,200.00 $800.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4901 DIVISION	45001.4.1, EEP-000S(471) Ecosystems Enhancement Program. $20,733,571.00 has previously been approved for project mitigation. Additional funds are requested.	$140,915.00 $112,731.00 $28,184.00	Cost Fed. State

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

Division 1 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Hertford Co.	45449.2.FS1, NHF-0013(037)	$385,000.00	Cost
R-5311A	US 13 / NC 11 from west of SR 1130 (Modlin Road) to east	$308,000.00	Fed.
STATEWIDE	of NC 11 / SR 1312 (Old NC 11 Road). Funds are needed for full right of way.	$77,000.00	State

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

Division 2

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Pitt Co. U-5606 DIVISION	45834.2.2, STP-1598(003) SR 1598 (Dickinson Avenue) from NC 11 to SR 1610 (Reade Circle). Funds are needed for full right of way and utilities.	$2,215,000.00 $1,772,000.00 $443,000.00	Cost Fed. State

Safety

Carteret Co. SS-4902CF STATEWIDE	44835.1.1, HSIP-0070(199) US 70 (Arendell Street) at 9th Street and SR 1176 (Bridges Street) at SR 1243 (Barbour Road) in Morehead City. Funds are needed for preliminary engineering.	$4,000.00 $3,600.00 $400.00	Cost Fed. State
Craven Co. W-5601BE DIVISION	50138.3.58, HSIP-1004(060) SR 1167 (Kelso/Williams Road) west of SR 1175 (Aviation Drive) toward SR 1004 (Madame Moore Lane). Funds are needed for construction for safety improvements.	$25,000.00 $22,500.00 $2,500.00	Cost Fed. State
Lenoir Co. W-5202K REGIONAL	45332.3.11, HSIP-0011(030) NC 11 from SR 1747 (Highland Avenue) / SR 1845 (Harrison Boulevard) 0.03 mile north of SR 1719 (Odham Road) in Kinston. $485,000.00 has previously been approved for construction. Additional funds are needed to construct left turn lanes.	$967,000.00 $870,300.00 $96,700.00	Cost Fed. State

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

Division 2 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Beaufort Co. Z-5400BE DIVISION	43600.1.89, HSIP-1164(006) Railway-Highway Grade Crossing Safety Project. SR 1164 (Godley Road) at CSX Transportation Tracks; Crossing #465 453C near Chocowinity. Funds are needed for preliminary engineering.	$7,500.00 $6,750.00 $750.00	Cost Fed. State
Beaufort Co. Z-5400BE DIVISION	43600.3.89, HSIP-1164(006) Railway-Highway Grade Crossing Safety Project. SR 1164 (Godley Road) at CSX Transportation Tracks; Crossing #465 453C near Chocowinity. Funds are needed for construction for flashers and gates.	$213,800.00 $192,420.00 $21,380.00	Cost Fed. State
Carteret Co. Z-5400BF DIVISION	43600.1.90, HSIP-0230(003) Railway-Highway Grade Crossing Safety Project. Main Street at Norfolk Southern Transportation Tracks; Crossing #722 663B in Newport. Funds are needed for preliminary engineering.	$20,000.00 $18,000.00 $2,000.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4902 DIVISION	45002.4.1, EEP-000S(472) Ecosystems Enhancement Program. $2,591,302.00 has previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$645,306.00 -$516,245.00 -$129,061.00	Cost Fed. State

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

Division 3

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Pender Co.	53003.3.1, NHPP-0040(019)393	$1,523,241.00	Cost
I-5722	I-40 west of SR 1318 (Camp Kirkwood Road) to east of NC 210.	$1,218,593.00	Fed.
STATEWIDE	$12,090,000.00 has previously been approved for construction. Funds need to be increased $1,523,241.00 to reflect the low bid received on February 16, 2016.	$304,648.00	State

Project Mitigation

Divisionwide	45003.4.1, EEP-000S(473)	$133,425.00	Cost
EE-4903	Ecosystems Enhancement Program. $5,110,884.00 has	$106,740.00	Fed.
DIVISION	previously been approved for project mitigation. Additional funds are requested.	$26,685.00	State

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

Division 4

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Halifax Co. I-5724 STATEWIDE	52002.3.1, NHPP-0095(23)152 I-95 from Nash County Line to SR 1226 (Bellamy Lake Road). (Combined with I-5726; I-95 from SR 1524 (Red Oak-Battleboro Road), (Milepost 143) to the Halifax County Line, (Milepost 150.9)). $5,050,000.00 has previously been approved for construction. Funds need to be increased $5,341,031.00 to reflect the low bid received on February 16, 2016.	$5,341,031.00 $4,272,825.00 $1,068,206.00	Cost Fed. State
Johnston Co. I-5723 STATEWIDE	52001.3.1, NHPP-0040(14)340 I-40 from 0.3 miles west of SR 1211 (Morgan Road) (Milepost 328.8) in Johnston County to Sampson County Line (Milepost 339.8). $3,900,000.00 has previously been approved for construction. Funds need to be increased $3,058,635.00 to reflect the low bid received on January 19, 2016.	$3,058,635.00 $2,446,908.00 $611,727.00	Cost Fed. State
Johnston Co. I-5784 STATEWIDE	53025.3.1, NHPP-0095(24)97 I-95 from SR 1162 (Black Creek Road) to 0.4 miles north of US 70 Bypass. $12,500,000.00 has previously been approved for construction. Funds need to be increased $178,436.00 to reflect the low bid received on March 15, 2016.	$178,436.00 $142,749.00 $35,687.00	Cost Fed. State
Wilson Co. I-5727 STATEWIDE	52005.3.1, NHPP-0095(22)124 I-95 south of SR 1116 (Governor Hunt Road) (Milepost 114.5) to north of SR 1309 (Bloomery Road) (Milepost 123.7). (Combined with I-5842; I-95 from 0.7 mile north of SR 1309 (Bloomery Road) to the Nash County Line). $8,750,000.00 has previously been approved for construction. Funds need to be decreased ($3,908,259.00) to reflect the low bid received on February 16, 2016.	-$3,908,259.00 -$3,126,607.00 -$781,652.00	Cost Fed. State

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

Division 4 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Edgecombe Co. B-4932 REGIONAL	40137.1.1, BRSTP-0042(019) Replace Bridge #28 over the Tar River on NC 42. $225,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	$250,000.00 $200,000.00 $50,000.00	Cost Fed. State

Safety

Halifax Co. W-5601HL REGIONAL	50138.1.221, HSIP-0043(026) NC 43 at NC 561, SR 1329 (Evans Road) and SR 1333 (Lynch Road). Funds are needed for preliminary engineering.	$5,000.00 $4,500.00 $500.00	Cost Fed. State
Johnston Co. W-5601B STATEWIDE	50138.3.3, HSIP-0070(183) US 70 at SR 2522 (Marin Livestock Road) and US 70 at SR 2314 (Pondfield Road). Construction funds are needed for safety improvements.	$1,265,000.00 $1,138,500.00 $126,500.00	Cost Fed. State
Johnston Co. W-5601HO DIVISION	50138.1.224, HSIP-1003(149) SR 1003 (Buffalo Road) between SR 1716 (Lake Wendell Road) and SR 2638 (Lake Wendell Road). Funds are needed for preliminary engineering.	$55,000.00 $49,500.00 $5,500.00	Cost Fed. State

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

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Nash Co. W-5601HN STATEWIDE	50138.1.223, HSIP-0095(039) I-95 at SR 1544 (Halifax Road) Overpass, Bridge #219. Funds are needed for preliminary engineering.	$10,000.00 $9,000.00 $1,000.00	Cost Fed. State
Wayne Co. W-5601HK REGIONAL	50138.1.220, HSIP-0581(029) NC 581 at SR 1342 (Memorial Church Road). Funds are needed for preliminary engineering.	$5,000.00 $4,500.00 $500.00	Cost Fed. State
Wayne Co. W-5601HM REGIONAL	50138.1.222, HSIP-0055(060) NC 55 at SR 1948 (Camp Jubilee Road). Funds are needed for preliminary engineering.	$5,000.00 $4,500.00 $500.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4904 DIVISION	45004.4.1, EEP-000S(474) Ecosystems Enhancement Program. $22,541,158.00 has previously been approved for project mitigation. Additional funds are requested.	$644,570.00 $515,656.00 $128,914.00	Cost Fed. State

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

Division 5

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Granville Co.	53027.3.1, NHPP-0085(014)	$1,905,847.00	Cost
I-5787	I-85 from north of NC 56 in Granville County to US 158 in	$1,524,678.00	Fed.
STATEWIDE	Vance County. $5,000,000.00 has previously been approved for construction. Funds need to be increased $1,905,847.00 to reflect the low bid received on January 19, 2016.	$381,169.00	State
Wake Co.	50119.1.1, NHPP-040-4(156)298	$750,000.00	Cost
I-5701	I-40 / US 64 from I-440 / US 1 / US 64 to SR 1370 (Lake	$600,000.00	Fed.
STATEWIDE	Wheeler Road). Funds are needed for preliminary engineering.	$150,000.00	State

Congestion Mitigation

Granville Co.	50106.2.F1, CMS-0519(002)	$5,000.00	Cost
C-5569	Construct sidewalk and crosswalk enhancements at	$4,000.00	Fed.
EXEMPT	various locations. Funds are needed for full right of way.	$1,000.00	Local

Urban

Wake Co.	42379.1.31, STPDA-0501(036)	$25,200.00	Cost
U-5118AF	Kelly Road at Olive Chapel Road. $40,000.00 has previously	$20,160.00	Fed.
DIVISION	been approved for preliminary engineering. Additional funds are requested.	$5,040.00	Local

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

Division 5 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Granville Co. B-5157 DIVISION	42332.3.FD1, BRZ-1304(010) Replace Bridge #178 over Fox Creek on SR 1304. $975,000.00 has previously been approved for construction. Funds need to be increased $28,275.00 to reflect the low bid received on April 19, 2016.	$28,275.00 $22,620.00 $5,655.00	Cost Fed. State

Safety

Wake Co. W-5601HP DIVISION	50138.1.225, HSIP-1375(006) SR 1375 (Lake Wheeler Road) at SR 1390 (Optimist Farm Road) / SR 1503 (Donnybrook Road). Funds are needed for preliminary engineering.	$74,000.00 $66,600.00 $7,400.00	Cost Fed. State

Rail Program

Durham Co. Y-4805N DIVISION	40325.3.61, STPRR-0505(061) Crossing closure at the intersection of SR 1820 (Beck Road) and the Norfolk Southern Railway Tracks; Crossing #731 919L. Funds are needed for construction for crossing closure.	$250,000.00 $250,000.00	Cost Fed.

Project Mitigation

Divisionwide EE-4905 DIVISION	45005.4.1, EEP-000S(475) Ecosystems Enhancement Program. $20,280,733.00 has previously been approved for project mitigation. Additional funds are requested.	$21,064.00 $16,850.00 $4,214.00	Cost Fed. State

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Approval of Funds for Specific Federal - Aid Projects

Division 6

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. I-5788 STATEWIDE	53028.3.1, NHPIM-0095(018)63 Resurface I-95 north and southbound from Mile Marker 53 to Harnett / Johnston County Line. $15,900,000.00 has previously been approved for construction. Funds need to be increased $7,062,597.00 to reflect the low bid received on March 15, 2016.	$7,062,597.00 $5,650,078.00 $1,412,519.00	Cost Fed. State

Urban

Harnett Co. U-3465 DIVISION	39017.1.1, STP-1121(009) SR 1121 (Ray Road) from NC 210 to SR 1120 (Overhills Road). $2,200,000.00 has previously been approved for preliminary engineering. Additional funds are requested. **This is a Strategic Transportation Investments Transition Project.**	$482,345.00 $385,876.00 $96,469.00	Cost Fed. State

Bridge

Columbus Co. B-5331 DIVISION	46045.1.1, BRZ-1849(001) Replace Bridge #269 over Big Branch on SR 1849. $275,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	$30,805.00 $24,644.00 $6,161.00	Cost Fed. State
Cumberland Co. B-4490 STATEWIDE	33727.3.FS1, BRNHS-0024(024) Replace Bridge #116 over CSX Railroad, Norfolk Southern Railroad, and Hillsboro Street on NC 24 / 210. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2016.	$18,000,000.00 $14,400,000.00 $2,988,000.00 $612,000.00	Cost Fed. State Local

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

Division 6 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. B-4491 REGIONAL	38389.2.FR1, BRSTP-0059(005) Replace Bridge #22 over I-95 B / US 301 on NC 59. Funds are needed for full right of way.	$5,680,000.00 $4,864,000.00 $816,000.00	Cost Fed. State

Safety

Columbus Co. W-5518 STATEWIDE	43741.3.FS1, HSIP-0074(155) Construct an overpass at SR 1574 (Old US 74) over US 74. $4,000,000.00 has previously been approved for construction. Funds need to be increased $170,560.00 to reflect the low bid received on February 16, 2016.	$170,560.00 $136,448.00 $34,112.00	Cost Fed. State
Cumberland Co. W-5519 REGIONAL	45849.3.FR1, HSIP-095-2(128)46 I-95 Bus / US 301 from NC 87 south to NC 59. $4,600,000.00 has previously been approved for construction. Funds need to be increased $4,995,268.00 to reflect the low bid received on December 15, 2015.	$4,995,268.00 $3,996,214.00 $999,054.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4906 DIVISION	45006.4.1, EEP-000S(476) Ecosystems Enhancement Program. $14,442,181.00 has previously been approved for project mitigation. Decrease funds as requested.	-$431,544.00 -$345,234.00 -$86,310.00	Cost Fed. State

NCDOT July 2016 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-5309 STATEWIDE	46264.3.FS1, IMPM-040-3(134)219 I-40 / I-85 from east of the Guilford County Line to east of NC 49 (Combined with I-5836; I-40 / I-85 from 0.2 miles east of NC 49 to 0.2 miles east of NC 54 in Graham). $8,030,000.00 has previously been approved for construction. Funds need to be increased $5,731,394.00 to reflect the low bid received on March 15, 2016.	$5,731,394.00 $4,585,115.00 $1,146,279.00	Cost Fed. State
Guilford Co. I-5734A STATEWIDE	52010.1.2, NHPIM-0040(043) Bridge #384 over NC 68 on I-40. Funds are needed for preliminary engineering.	$25,000.00 $20,000.00 $5,000.00	Cost Fed. State
Guilford Co. I-5736 STATEWIDE	52018.3.1, NHPP-0074(174) I-74 / US 311 from I-40 in Forsyth County to SR 1300 (Green Road) in High Point. (Combined with I-5767; I-74 / US 311 0.7 miles east of I-40 to the Guilford County Line). $20,600,000.00 has previously been approved for construction. Funds need to be decreased ($3,406,720.00) to reflect the low bid received on February 16, 2016.	-$3,406,720.00 -$2,725,376.00 -$681,344.00	Cost Fed. State
Guilford Co. I-5790 STATEWIDE	53030.3.1, NHPIM-0085(004) I-85 from 0.2 miles north of SR 3030 (Nelson Farm Road) to 1.3 miles north of SR 3029 (Youngs Mill Road) in Greensboro (Combined with I-5855; I-85 from 0.8 miles north of SR 3505 (Pleasant Garden Road) to 0.2 miles north of SR 3039 (Nelson Farm Road)). $9,700,000.00 has previously been approved for construction. Funds need to be increased $2,212,388.00 to reflect the low bid received on March 15, 2016.	$2,212,388.00 $1,769,910.00 $442,478.00	Cost Fed. State

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

Division 7 (Continued)

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Hillsborough/ Orange Co. C-5184 EXEMPT	46243.1.1, CMS-0711(014) Riverwalk Trail-Phase III. $48,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	$49,000.00 $39,200.00 $9,800.00	Cost Fed. Local

Enhancement

Caswell Co. EB-3314E DIVISION	33935.2.5, STPEB-000S(765) Pedestrian Improvements in Yanceyville and Jamestown. $250,000.00 has previously been approved for construction. Additional funds are requested.	$100,000.00 $80,000.00 $20,000.00	Cost Fed. State

Urban

High Point/ Guilford Co. U-5169 REGIONAL	45220.2.1, NHS-0311(032) I-74/US 311 and NC 68 (Eastchester Drive) Interchange. Funds are needed for full right of way.	$3,397,000.00 $2,717,600.00 $679,400.00	Cost Fed. State

Bridge

Rockingham Co. B-5341 DIVISION	46055.3.FD1, BRSTP-1767(005) Replace Bridge #110 over Wolf Island Creek on SR 1767. $1,500,000.00 has previously been approved for construction. Funds need to be decreased ($136,929.00) to reflect the low bid received on January 19, 2016.	-$136,929.00 -$109,543.00 -$27,386.00	Cost Fed. State

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

Division 7 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Greensboro / Guilford U-5532A DIVISION	46297.1.F2, TAP-0708(069) Aycock Street and Walker Avenue Pedestrian Improvement Project. $28,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	$106,000.00 $84,800.00 $21,200.00	Cost Fed. Local

Project Mitigation

Divisionwide EE-4907 DIVISION	45007.4.1, EEP-000S(477) Ecosystems Enhancement Program. $20,845,631.00 has previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$2,676,469.00 -$2,141,175.00 -$535,294.00	Cost Fed. State

Rural

Caswell Co. R-5767 REGIONAL	44669.3.1, STP-0086(019) NC 86 from SR 1503 (Walter's Mill Road). Funds are needed for construction for left turn lane.	$388,000.00 $310,400.00 $77,600.00	Cost Fed. State
Guilford R-4436GI DIVISION	34625.2.58, STP-0040(040) Interchange of I-40 and SR 4121 (High Point Road). $170,000.00 has previously been approved for construction. Funds are needed for construction of a filtration basin to improve water quality.	$30,000.00 $24,000.00 $6,000.00	Cost Fed. State

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

Division 7 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Greensboro/ Guilford Co. EL-5101DL DIVISION	41823.2.F15, STPDA-0708(042) Project at various locations in the City of Greensboro. Funds are needed for full right of way.	$1,381,250.00 $1,105,000.00 $276,250.00	Cost Fed. Local

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

Division 8

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Randolph Co.	42286.3.FD1, BRZ-1404(012)	$60,409.00	Cost
B-5128	Replace Bridge #58 over an unnamed Tributary of the Little	$48,327.00	Fed.
DIVISION	Uwharrie River on SR 1404. $475,000.00 has previously been approved for construction. Funds need to be increased $60,409.00 to reflect the low bid received on March 15, 2016.	$12,082.00	State

Safety

Randolph Co.	50138.1.219, HSIP-000S(850)	$2,000.00	Cost
W-5601HJ	Pavement marking improvements at various locations. Funds	$1,800.00	Fed.
DIVISION	are needed for preliminary engineering.	$200.00	State

Project Mitigation

Divisionwide	45008.4.1, EEP-000S(478)	-$596,831.00	Cost
EE-4908	Ecosystems Enhancement Program. $30,305,987.00 has	-$477,466.00	Fed.
DIVISION	previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$119,365.00	State

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Approval of Funds for Specific Federal - Aid Projects

Division 9

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Rowan Co. I-5741 STATEWIDE	52022.3.1, NHPP-0085(022) I-85 from US 601 to 0.5 mile south of US 52 in Salisbury. $2,271,000.00 has previously been approved for construction. Funds need to be increased $278,394.00 to reflect the low bid received on March 15, 2016.	$278,394.00 $222,715.00 $55,679.00	Cost Fed. State

Congestion Mitigation

Lexington/ Davidson Co. C-5208 EXEMPT	48019.3.F1, CMS-0911(017) Heavy Duty Hybrid Refuse Truck. $284,000.00 has previously been approved for construction. Additional funds are requested.	$6,812.00 $5,450.00 $1,362.00	Cost Fed. Local

Project Mitigation

Divisionwide EE-4909 DIVISION	45009.4.1, EEP-000S(479) Ecosystems Enhancement Program $17,176,024.00 has previously been approved for project mitigation. Additional funds are requested.	$374,656.00 $299,724.00 $74,932.00	Cost Fed. State

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Approval of Funds for Specific Federal - Aid Projects

Division 10

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Charlotte/ Mecklenburg Co. C-5540 EXEMPT	51010.2.F1, CMS-1003(125) South Tryon Street, Nevin Road from Alpine Drive to Gibbon Road, Gibbon Road from Nevin Road to Sugar Creek Road, West Sugar Road from Bisaner Street and Mallard Creek Road. $223,500.00 has previously been approved for right of way. Additional funds are requested.	$86,000.00 $64,500.00 $21,500.00	Cost Fed. Local
Charlotte/ Mecklenburg Co. C-5543 EXEMPT	51013.2.F1, CMS-1003(133) I-77 Overpass on Sunset Road from I-77 to Statesville Road. $112,500.00 has previously been approved for right of way. Additional funds are requested.	$83,750.00 $67,000.00 $16,750.00	Cost Fed. Local

Bridge

Union Co. B-5243 DIVISION	42845.3.FD1, BRSTP-1008(023) Replace Bridge #258 on SR 1008 over South Fork Crooked Creek and improvement of the intersection at SR 1009 and SR 1371. $1,650,000.00 has previously been approved for construction. Funds need to be increased $555,814.00 to reflect the low bid received on January 19, 2016.	$555,814.00 $444,651.00 $111,163.00	Cost Fed. State

Safety

Cabarrus Co. W-5601HQ REGIONAL	50138.1.226, HSIP-0003(011) NC 3 and SR 1601 (Odell School Road). Funds are needed for preliminary engineering.	$20,000.00 $18,000.00 $2,000.00	Cost Fed. State

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

Division 10 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Divisionwide	45010.4.1, EEP-000S(480)	-$87,463.00	Cost
EE-4910	Ecosystems Enhancement Program. $30,397,733.00 has	-$70,166.00	Fed.
DIVISION	previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$17,297.00	State

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

Division 11

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Surry Co.	42330.3.FD1, BRZ-1328(006)	$89,534.00	Cost
B-5173	Replace Bridge #39 over Mitchell River on SR 1328.	$71,627.00	Fed.
DIVISION	$950,000.00 has previously been approved for construction. Funds need to be increased $89,534.00 to reflect the low bid received on February 16, 2016.	$17,907.00	State

Project Mitigation

Divisionwide	45011.4.1, EEP-000S(481)	-$4,798,930.00	Cost
EE-4911	Ecosystems Enhancement Program. $19,477,337.00 has	-$3,839,144.00	Fed.
DIVISION	previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$959,786.00	State

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

Division 12

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Gaston Co. I-5893 STATEWIDE	46426.3.1, NHPIM-0085(025) Pavement rehabilitation from Mile Marker 14 to Mile Marker 22. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2016.	$12,000,000.00 $9,600,000.00 $2,400,000.00	Cost Fed. State

Bridge

Catawba Co. BP-5500D STATEWIDE	50070.3.4, BRHNP-04-2(169)123 I-40 over US 321, Bridges #77, #78, #104, #106; US 70, Bridges #143 and #144; SR 1484, Bridges #171 and #172. $4,470,000.00 has previously been approved for construction. Funds need to be increased $242,289.00 to reflect the low bid received on April 19, 2016.	$242,289.00 $193,831.00 $48,458.00	Cost Fed. State

Municipal Bridge

Hickory/ Catawba Co. B-5549 DIVISION	55047.3.F1, BRSTP-1216(021) Replace Bridge #327 over Falling Creek on Falling Creek Road. Funds are needed for construction to replace municipal bridge.	$1,400,000.00 $1,120,000.00 $280,000.00	Cost Fed. Local

Project Mitigation

Divisionwide EE-4912 DIVISION	45012.4.1, EEP-000S(482) Ecosystems Enhancement Program. $14,728,762.00 has previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$516,965.00 -$416,049.00 -$100,916.00	Cost Fed. State

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

Division 12 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Iredell Co.	41890.1.D1, STP-1109(009)	-$200,000.00	Cost
R-5100	SR 1109 (Williamson Road) from I-77 to SR 1100 (Brawley	-$160,000.00	Fed.
DIVISION	School Road). $200,000.00 has previously been approved for preliminary engineering. Funds need to be decreased ($200,000.00). Project has been funded with state funds.	-$40,000.00	State

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

Division 13

Appalachian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mitchell Co. R-5528A EXEMPT	50101.3.2, APD-1129(016) SR 1129 (Henredon Road) Phase II. Funds are needed to construct an access road.	$170,000.00 $170,000.00	Cost Fed.

Bridge

Buncombe Co. B-5396 DIVISION	46111.3.FD1, BRZ-1103(024) Replace Bridge #416 over Stony Fork Creek on SR 1103. $1,000,000.00 has previously been approved for construction. Funds need to be increased $33,860.00 to reflect the low bid received on April 19, 2016.	$33,860.00 $27,088.00 $6,772.00	Cost Fed. State

Safety

Rutherford Co. W-5601DV REGIONAL	50138.3.134, HSIP-0074(184) US 74, US 74 Business, US 74 Alternate. Funds are needed for construction of guardrail improvements.	$350,000.00 $315,000.00 $35,000.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4913 DIVISION	45013.4.1, EEP-000S(483) Ecosystems Enhancement Program. $32,260,047.00 has previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$871,758.00 -$697,406.00 -$174,352.00	Cost Fed. State

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

Division 14

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Henderson Co. I-5758 STATEWIDE	52036.3.1, NHPP-0026(002)40 I-26 from Mile Marker 40 to Mile Marker 45 (Combined with I-5759; I-26 from Mile Marker 45 to Mile Marker 50). $11,500,000.00 has previously been approved for construction. Funds need to be increased $2,959,323.00 to reflect the low bid received on March 15, 2016.	$2,959,323.00 $2,367,458.00 $591,865.00	Cost Fed. State

Congestion Mitigation

Haywood Co. C-5202 EXEMPT	46286.1.F1, CMS-000S(639) Increase education efforts that inform visitors about the role their transportation choices have in relation to air pollution issues in the Great Smoky Mountains National Park (GSMNP). $119,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	$188,750.00 $151,000.00 $37,750.00	Cost Fed. Local

Bridge

Jackson Co. B-5404 DIVISION	46119.3.FD1, BRZ-1163(010) Replace Bridge #136 over Pine Creek on SR 1163. $800,000.00 has previously been approved for construction. Funds need to be increased $215,479.00 to reflect the low bid received on January 19, 2016.	$215,479.00 $172,383.00 $43,096.00	Cost Fed. State
Transylvania Co. B-4822 DIVISION	38592.3.FD1, BRZ-1119(004) Replace Bridge #13 over Nicholson Creek on SR 1119. $900,000.00 has previously been approved for construction. Funds need to be increased $181,797.00 to reflect the low bid received on January 19, 2016.	$181,797.00 $145,438.00 $36,359.00	Cost Fed. State

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

Division 14 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Transylvania Co. B-5403 DIVISION	46118.3.FD1, BRZ-1532(005) Replace Bridge #196 over Crab Creek on SR 1532. $850,000.00 has previously been approved for construction. Funds need to be increased $125,995.00 to reflect the low bid received on January 19, 2016.	$125,995.00 $100,796.00 $25,199.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4914 DIVISION	45014.4.1, EEP-000S(484) Ecosystems Enhancement Program. $26,171,939.00 has previously been approved for project mitigation. Additional funds are requested.	$2,241.00 $1,793.00 $448.00	Cost Fed. State

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

Statewide

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	44002.1.2, CMS-000S(732)	$625,000.00	Cost
C-4902A	North Carolina State University - NC Solar Clean Fuel	$500,000.00	Fed.
EXEMPT	Advanced Technology Program-Phase III. $4,152,000.00 has previously been approved for preliminary engineering. Additional funds are needed for preliminary engineering, to develop and administer a clean fuel advanced technology rebate program-Phase III. This is a three-year clean fuel/advanced technology rebate program to reduce emissions.	$125,000.00	Local

Planning and Research

Statewide	44100.3.3, SPR-0SPR(085)	$4,922,000.00	Cost
No ID	FY 2017 Research Work Program. Funds are needed for	$3,973,600.00	Fed.
STATEWIDE	contract research.	$948,400.00	State

ITEM M SUMMARY - 86 PROJECT(S) - (TOTAL FEDERAL AND STATE) $75,964,325.00

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

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 1

* W-5701DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
CURRITUCK	LOCATIONS IN DIVISION 1.		FY 2017 -	$30,000	(HSIP)
BERTIE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
WASHINGTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
TYRRELL			FY 2017 -	$180,000	(HSIP)
PERQUIMANS			FY 2018 -	$180,000	(HSIP)
PASQUOTANK				$630,000	
NORTHAMPTON					
MARTIN					
HYDE					
HERTFORD					
GATES					
DARE					
CHOWAN					
CAMDEN					
PROJ.CATEGORY					
DIVISION					

* W-5701REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
CURRITUCK	LOCATIONS IN DIVISION 1.		FY 2017 -	$30,000	(HSIP)
BERTIE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
WASHINGTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
TYRRELL			FY 2017 -	$180,000	(HSIP)
PERQUIMANS			FY 2018 -	$180,000	(HSIP)
PASQUOTANK				$630,000	
NORTHAMPTON					
MARTIN					
HYDE					
HERTFORD					
GATES					
DARE					
CHOWAN					
CAMDEN					
PROJ.CATEGORY					
REGIONAL					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 1

* W-5701SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
CURRITUCK	LOCATIONS IN DIVISION 1.		FY 2017 -	$40,000	(HSIP)
BERTIE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
WASHINGTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
TYRRELL			FY 2017 -	$240,000	(HSIP)
PERQUIMANS			FY 2018 -	$240,000	(HSIP)
PASQUOTANK				$840,000	
NORTHAMPTON					
MARTIN					
HYDE					
HERTFORD					
GATES					
DARE					
CHOWAN					
CAMDEN					
PROJ.CATEGORY					
STATEWIDE					

DIVISION 2

* W-5702DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
PITT	LOCATIONS IN DIVISION 2.		FY 2017 -	$30,000	(HSIP)
CRAVEN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CARTERET	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
BEAUFORT			FY 2017 -	$180,000	(HSIP)
PAMLICO			FY 2018 -	$180,000	(HSIP)
LENOIR				$630,000	
JONES					
GREENE					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 2

* W-5702REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
PITT	LOCATIONS IN DIVISION 2.		FY 2017 -	$30,000	(HSIP)
CRAVEN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CARTERET	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
BEAUFORT			FY 2017 -	$180,000	(HSIP)
PAMLICO			FY 2018 -	$180,000	(HSIP)
LENOIR				$630,000	
JONES					
GREENE					
PROJ.CATEGORY					
REGIONAL					

* W-5702SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
PITT	LOCATIONS IN DIVISION 2.		FY 2017 -	$40,000	(HSIP)
CRAVEN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
CARTERET	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
BEAUFORT			FY 2017 -	$240,000	(HSIP)
PAMLICO			FY 2018 -	$240,000	(HSIP)
LENOIR				$840,000	
JONES					
GREENE					
PROJ.CATEGORY					
STATEWIDE					

DIVISION 3

* W-5703DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
SAMPSON	LOCATIONS IN DIVISION 3.		FY 2017 -	$30,000	(HSIP)
PENDER	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
ONSLOW	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
DUPLIN			FY 2017 -	$180,000	(HSIP)
NEW HANOVER			FY 2018 -	$180,000	(HSIP)
BRUNSWICK				$630,000	
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 3

* W-5703REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
SAMPSON	LOCATIONS IN DIVISION 3.		FY 2017 -	$30,000	(HSIP)
PENDER	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
ONSLOW	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
DUPLIN			FY 2017 -	$180,000	(HSIP)
NEW HANOVER			FY 2018 -	$180,000	(HSIP)
BRUNSWICK				$630,000	

PROJ.CATEGORY
REGIONAL

* W-5703SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
SAMPSON	LOCATIONS IN DIVISION 3.		FY 2017 -	$40,000	(HSIP)
PENDER	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
ONSLOW	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
DUPLIN			FY 2017 -	$240,000	(HSIP)
NEW HANOVER			FY 2018 -	$240,000	(HSIP)
BRUNSWICK				$840,000	

PROJ.CATEGORY
STATEWIDE

DIVISION 4

* W-5704DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WAYNE	LOCATIONS IN DIVISION 4.		FY 2017 -	$30,000	(HSIP)
NASH	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
JOHNSTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
EDGECOMBE			FY 2017 -	$180,000	(HSIP)
WILSON			FY 2018 -	$180,000	(HSIP)
HALIFAX				$630,000	

PROJ.CATEGORY
DIVISION

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 4

* W-5704REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WAYNE	LOCATIONS IN DIVISION 4.		FY 2017 -	$30,000	(HSIP)
NASH	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
JOHNSTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
EDGECOMBE			FY 2017 -	$180,000	(HSIP)
WILSON			FY 2018 -	$180,000	(HSIP)
HALIFAX				$630,000	
PROJ.CATEGORY					
REGIONAL					

* W-5704SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
WAYNE	LOCATIONS IN DIVISION 4.		FY 2017 -	$40,000	(HSIP)
NASH	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
JOHNSTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
EDGECOMBE			FY 2017 -	$240,000	(HSIP)
WILSON			FY 2018 -	$240,000	(HSIP)
HALIFAX				$840,000	
PROJ.CATEGORY					
STATEWIDE					

DIVISION 5

* W-5705DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WAKE	LOCATIONS IN DIVISION 5.		FY 2017 -	$30,000	(HSIP)
DURHAM	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
WARREN	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
VANCE			FY 2017 -	$180,000	(HSIP)
PERSON			FY 2018 -	$180,000	(HSIP)
GRANVILLE				$630,000	
FRANKLIN					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 5

* W-5705REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WAKE	LOCATIONS IN DIVISION 5.		FY 2017 -	$30,000	(HSIP)
DURHAM	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
WARREN	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
VANCE			FY 2017 -	$180,000	(HSIP)
PERSON			FY 2018 -	$180,000	(HSIP)
GRANVILLE				$630,000	
FRANKLIN					
PROJ.CATEGORY					
REGIONAL					

* W-5705SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
WAKE	LOCATIONS IN DIVISION 5.		FY 2017 -	$40,000	(HSIP)
DURHAM	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
WARREN	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
VANCE			FY 2017 -	$240,000	(HSIP)
PERSON			FY 2018 -	$240,000	(HSIP)
GRANVILLE				$840,000	
FRANKLIN					
PROJ.CATEGORY					
STATEWIDE					

DIVISION 6

* W-5706DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
ROBESON	LOCATIONS IN DIVISION 6.		FY 2017 -	$30,000	(HSIP)
HARNETT	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CUMBERLAND	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
COLUMBUS			FY 2017 -	$180,000	(HSIP)
BLADEN			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 6

* W-5706REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
ROBESON	LOCATIONS IN DIVISION 6.		FY 2017 -	$30,000	(HSIP)
HARNETT	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CUMBERLAND	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
COLUMBUS			FY 2017 -	$180,000	(HSIP)
BLADEN			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
REGIONAL					

* W-5706SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
ROBESON	LOCATIONS IN DIVISION 6.		FY 2017 -	$40,000	(HSIP)
HARNETT	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
CUMBERLAND	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
COLUMBUS			FY 2017 -	$240,000	(HSIP)
BLADEN			FY 2018 -	$240,000	(HSIP)
PROJ.CATEGORY				$840,000	
STATEWIDE					

DIVISION 7

* W-5707DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
ROCKINGHAM	LOCATIONS IN DIVISION 7.		FY 2017 -	$30,000	(HSIP)
ORANGE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
GUILFORD	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CASWELL			FY 2017 -	$180,000	(HSIP)
ALAMANCE			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 7

* W-5707REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
ROCKINGHAM	LOCATIONS IN DIVISION 7.		FY 2017 -	$30,000	(HSIP)
ORANGE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
GUILFORD	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CASWELL			FY 2017 -	$180,000	(HSIP)
ALAMANCE			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
REGIONAL					

* W-5707SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
ROCKINGHAM	LOCATIONS IN DIVISION 7.		FY 2017 -	$40,000	(HSIP)
ORANGE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
GUILFORD	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
CASWELL			FY 2017 -	$240,000	(HSIP)
ALAMANCE			FY 2018 -	$240,000	(HSIP)
PROJ.CATEGORY				$840,000	
STATEWIDE					

DIVISION 8

* W-5708DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
RANDOLPH	LOCATIONS IN DIVISION 8.		FY 2017 -	$30,000	(HSIP)
MOORE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
MONTGOMERY	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CHATHAM			FY 2017 -	$180,000	(HSIP)
SCOTLAND			FY 2018 -	$180,000	(HSIP)
RICHMOND				$630,000	
LEE					
HOKE					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 8

* W-5708REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
RANDOLPH	LOCATIONS IN DIVISION 8.		FY 2017 -	$30,000	(HSIP)
MOORE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
MONTGOMERY	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CHATHAM			FY 2017 -	$180,000	(HSIP)
SCOTLAND			FY 2018 -	$180,000	(HSIP)
RICHMOND				$630,000	
LEE					
HOKE					
PROJ.CATEGORY					
REGIONAL					

* W-5708SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
RANDOLPH	LOCATIONS IN DIVISION 8.		FY 2017 -	$40,000	(HSIP)
MOORE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
MONTGOMERY	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
CHATHAM			FY 2017 -	$240,000	(HSIP)
SCOTLAND			FY 2018 -	$240,000	(HSIP)
RICHMOND				$840,000	
LEE					
HOKE					
PROJ.CATEGORY					
STATEWIDE					

DIVISION 9

* W-5709DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
STOKES	LOCATIONS IN DIVISION 9.		FY 2017 -	$30,000	(HSIP)
ROWAN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
FORSYTH	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
DAVIE			FY 2017 -	$180,000	(HSIP)
DAVIDSON			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 9

* W-5709REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
STOKES	LOCATIONS IN DIVISION 9.		FY 2017 -	$30,000	(HSIP)
ROWAN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
FORSYTH	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
DAVIE			FY 2017 -	$180,000	(HSIP)
DAVIDSON			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
REGIONAL					

* W-5709SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
STOKES	LOCATIONS IN DIVISION 9.		FY 2017 -	$40,000	(HSIP)
ROWAN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
FORSYTH	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
DAVIE			FY 2017 -	$240,000	(HSIP)
DAVIDSON			FY 2018 -	$240,000	(HSIP)
PROJ.CATEGORY				$840,000	
STATEWIDE					

DIVISION 10

* EB-5817	CORNELIUS, MCDOWELL CREEK GREENWAY,	CONSTRUCTION	FY 2017 -	$1,200,000	(TAPDA)
MECKLENBURG	MAGNOLIA PLAZA TO WESTMORELAND ROAD.		FY 2017 -	$1,200,000	(L)
PROJ.CATEGORY	CONSTRUCT GREENWAY.			$2,400,000	
DIVISION	*ADD PROJECT AT THE REQUEST OF THE MPO.*				

* EB-5819	WAXHAW, DOWNTOWN WAXHAW PEDESTRIAN AND	CONSTRUCTION	FY 2017 -	$515,000	(TAPDA)
UNION	BICYCLE FACILITY ENHANCEMENTS.		FY 2017 -	$515,000	(L)
PROJ.CATEGORY	*ADD PROJECT AT THE REQUEST OF THE MPO.*			$1,030,000	
DIVISION					

* EB-5820	CHARLOTTE, CHARLOTTE B-CYCLE EXPANSION.	CONSTRUCTION	FY 2017 -	$675,000	(TAPDA)
MECKLENBURG	*ADD PROJECT AT THE REQUEST OF THE MPO.*		FY 2017 -	$169,000	(L)
PROJ.CATEGORY				$844,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 10

* W-5710DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
UNION	LOCATIONS IN DIVISION 10.		FY 2017 -	$30,000	(HSIP)
STANLY	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
MECKLENBURG	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CABARRUS			FY 2017 -	$180,000	(HSIP)
ANSON			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
DIVISION					

* W-5710REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
UNION	LOCATIONS IN DIVISION 10.		FY 2017 -	$30,000	(HSIP)
STANLY	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
MECKLENBURG	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CABARRUS			FY 2017 -	$180,000	(HSIP)
ANSON			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
REGIONAL					

* W-5710SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
UNION	LOCATIONS IN DIVISION 10.		FY 2017 -	$40,000	(HSIP)
STANLY	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
MECKLENBURG	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
CABARRUS			FY 2017 -	$240,000	(HSIP)
ANSON			FY 2018 -	$240,000	(HSIP)
PROJ.CATEGORY				$840,000	
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 11

* W-5711DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 11.	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WILKES			FY 2017 -	$30,000	(HSIP)
WATAUGA	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$30,000	(HSIP)
SURRY		CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CALDWELL			FY 2017 -	$180,000	(HSIP)
YADKIN			FY 2018 -	$180,000	(HSIP)
AVERY				$630,000	
ASHE					
ALLEGHANY					
PROJ.CATEGORY					
DIVISION					

* W-5711REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 11.	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WILKES			FY 2017 -	$30,000	(HSIP)
WATAUGA	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$30,000	(HSIP)
SURRY		CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CALDWELL			FY 2017 -	$180,000	(HSIP)
YADKIN			FY 2018 -	$180,000	(HSIP)
AVERY				$630,000	
ASHE					
ALLEGHANY					
PROJ.CATEGORY					
REGIONAL					

* W-5711SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 11.	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
WILKES			FY 2017 -	$40,000	(HSIP)
WATAUGA	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$40,000	(HSIP)
SURRY		CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
CALDWELL			FY 2017 -	$240,000	(HSIP)
YADKIN			FY 2018 -	$240,000	(HSIP)
AVERY				$840,000	
ASHE					
ALLEGHANY					
PROJ.CATEGORY					
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 12

* EB-5818	STATESVILLE, CONSTRUCT GREENWAY CONNECTOR	CONSTRUCTION	FY 2017 -	$1,200,000	(TAPDA)
IREDELL	UNDER US 21 (TURNERSBURG HIGHWAY).		FY 2017 -	$470,000	(L)
PROJ.CATEGORY	*ADD PROJECT AT THE REQUEST OF THE MPO.*			$1,670,000	
DIVISION					

* W-5712DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
GASTON	LOCATIONS IN DIVISION 12.		FY 2017 -	$30,000	(HSIP)
CLEVELAND	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CATAWBA	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
ALEXANDER			FY 2017 -	$180,000	(HSIP)
LINCOLN			FY 2018 -	$180,000	(HSIP)
IREDELL				$630,000	
PROJ.CATEGORY					
DIVISION					

* W-5712REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
GASTON	LOCATIONS IN DIVISION 12.		FY 2017 -	$30,000	(HSIP)
CLEVELAND	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CATAWBA	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
ALEXANDER			FY 2017 -	$180,000	(HSIP)
LINCOLN			FY 2018 -	$180,000	(HSIP)
IREDELL				$630,000	
PROJ.CATEGORY					
REGIONAL					

* W-5712SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
GASTON	LOCATIONS IN DIVISION 12.		FY 2017 -	$40,000	(HSIP)
CLEVELAND	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
CATAWBA	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
ALEXANDER			FY 2017 -	$240,000	(HSIP)
LINCOLN			FY 2018 -	$240,000	(HSIP)
IREDELL				$840,000	
PROJ.CATEGORY					
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 13

* R-5779	SR 1631 (CROSSROADS PARKWAY), EXTEND SR 1631	RIGHT-OF-WAY	FY 2017 -	$100,000	(APD)
MADISON	(CROSSROADS PARKWAY) TO SR 1632.	CONSTRUCTION	FY 2018 -	$1,580,000	(APD)
PROJ.CATEGORY	*ADD PROJECT TO BE FUNDED WITH APPALACHIAN*			$1,680,000	
EXEMPT	*REGIONAL COMMISSION (ARC) LOCAL ACCESS ROAD FUNDING.*				

* W-5713DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
BURKE	LOCATIONS IN DIVISION 13.		FY 2017 -	$30,000	(HSIP)
BUNCOMBE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
YANCEY	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
RUTHERFORD			FY 2017 -	$180,000	(HSIP)
MITCHELL			FY 2018 -	$180,000	(HSIP)
McDOWELL				$630,000	
MADISON					
PROJ.CATEGORY					
DIVISION					

* W-5713REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
BURKE	LOCATIONS IN DIVISION 13.		FY 2017 -	$30,000	(HSIP)
BUNCOMBE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
YANCEY	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
RUTHERFORD			FY 2017 -	$180,000	(HSIP)
MITCHELL			FY 2018 -	$180,000	(HSIP)
McDOWELL				$630,000	
MADISON					
PROJ.CATEGORY					
REGIONAL					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 13

* W-5713SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 13.	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
BURKE			FY 2017 -	$40,000	(HSIP)
BUNCOMBE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$40,000	(HSIP)
YANCEY		CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
RUTHERFORD			FY 2017 -	$240,000	(HSIP)
MITCHELL			FY 2018 -	$240,000	(HSIP)
McDOWELL				$840,000	
MADISON					
PROJ.CATEGORY					
STATEWIDE					

DIVISION 14

* W-5714DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 14.	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
TRANSYLVANIA			FY 2017 -	$30,000	(HSIP)
SWAIN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$30,000	(HSIP)
POLK		CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
MACON			FY 2017 -	$180,000	(HSIP)
JACKSON			FY 2018 -	$180,000	(HSIP)
HENDERSON				$630,000	
HAYWOOD					
GRAHAM					
CLAY					
CHEROKEE					
PROJ.CATEGORY					
DIVISION					

* W-5714REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 14.	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
TRANSYLVANIA			FY 2017 -	$30,000	(HSIP)
SWAIN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$30,000	(HSIP)
POLK		CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
MACON			FY 2017 -	$180,000	(HSIP)
JACKSON			FY 2018 -	$180,000	(HSIP)
HENDERSON				$630,000	
HAYWOOD					
GRAHAM					
CLAY					
CHEROKEE					
PROJ.CATEGORY					
REGIONAL					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 14

* W-5714SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
TRANSYLVANIA	LOCATIONS IN DIVISION 14.		FY 2017 -	$40,000	(HSIP)
SWAIN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
POLK	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
MACON			FY 2017 -	$240,000	(HSIP)
JACKSON			FY 2018 -	$240,000	(HSIP)
HENDERSON				$840,000	
HAYWOOD					
GRAHAM					
CLAY					
CHEROKEE					
PROJ.CATEGORY					
STATEWIDE					

STIP MODIFICATIONS

DIVISION 3

U-5508	NC 24 (LEJEUNE BOULEVARD), NC 53 (WESTERN	RIGHT-OF-WAY	FY 2017 -	$420,000	(STBG)
ONSLOW	BOULEVARD) IN JACKSONVILLE. UPGRADE	CONSTRUCTION	FY 2018 -	$2,400,000	(STBG)
PROJ.CATEGORY	INTERSECTION AND DRAINAGE.			$2,820,000	
STATEWIDE	*DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME TO ALLOW ADDITIONAL TIME FOR DESIGN.*				

DIVISION 4

I-5786	I-95, 0.4 MILE NORTH OF US 70 BYPASS (MILEMARKER	CONSTRUCTION	FY 2019 -	$10,000,000	(NHPIM)
JOHNSTON	96.5) TO 0.2 MILE NORTH OF NC 222 (MILEMARKER		FY 2020 -	$10,000,000	(NHPIM)
PROJ.CATEGORY	108.1). PAVEMENT REHABILITATION.			$20,000,000	
STATEWIDE	*DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO COORDINATE CONSTRUCTION WITH I-3318BB.*				

DIVISION 5

B-5102	US 158, REPLACE BRIDGE 720011 OVER SOUTH HYCO	CONSTRUCTION	FY 2017 -	$2,200,000	(HFB)
PERSON	CREEK.			$2,200,000	
PROJ.CATEGORY	*DELAY CONSTRUCTION FROM FY 16 TO FY 17 AT*				
HWY FUNDS	*REQUEST OF DIVISION.*				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 5

B-5320	SR 1139 (ENON ROAD), REPLACE BRIDGE 380096 OVER	RIGHT-OF-WAY	FY 2017 -	$300,000	(STPOFF)
GRANVILLE	TAR RIVER.	CONSTRUCTION	FY 2018 -	$1,488,000	(STPOFF)
PROJ.CATEGORY	*DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND*		FY 2019 -	$1,487,000	(STPOFF)
DIVISION	*CONSTRUCTION FROM FY 17 TO FY 18 AT THE*			$3,275,000	
	REQUEST OF PROJECT DEVELOPMENT.				

* U-5751	US 401, NC 55 IN FUQUAY-VARINA. CONVERT	RIGHT-OF-WAY	FY 2019 -	$1,380,000	(NHP)
WAKE	INTERSECTION TO TRUMPET INTERCHANGE, TO	UTILITIES	FY 2019 -	$379,000	(NHP)
PROJ.CATEGORY	INCLUDE CONVERSION OF NC 55 / NC 42	CONSTRUCTION	FY 2021 -	$5,750,000	(NHP)
REGIONAL	INTERSECTION TO INTERCHANGE.			$7,509,000	
	DELAY CONSTRUCTION FROM FY 20 TO FY 21 AT				
	REQUEST OF PROJECT DEVELOPMENT.				

* U-5828	MCCRIMMON PARKWAY, SR 3015 (AIRPORT	RIGHT-OF-WAY	FY 2017 -	$2,502,000	(L)
WAKE	BOULEVARD) TO SR 1002 (AVIATION PARKWAY) IN	UTILITIES	FY 2017 -	$300,000	(L)
PROJ.CATEGORY	MORRISVILLE. WIDEN TO MULTILANES, PART ON NEW	CONSTRUCTION	FY 2018 -	$2,968,000	(T)
DIVISION	LOCATION.		FY 2019 -	$2,968,000	(T)
	DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AT		FY 2020 -	$2,967,000	(T)
	REQUEST OF DIVISION.		FY 2021 -	$2,967,000	(T)
				$14,672,000	

DIVISION 7

AV-5737	BURLINGTON- ALAMANCE REGIONAL AIRPORT (BUY),	RIGHT-OF-WAY	FY 2017 -	$1,080,000	(T)
ALAMANCE	OBTAIN NAVIGATION EASEMENTS AND CLEAR		FY 2017 -	$120,000	(L)
PROJ.CATEGORY	OBSTRUCTIONS IN THE RUNWAY 24 APPROACH.			$1,200,000	
DIVISION	*DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AT*				
	REQUEST OF DIVISION OF AVIATION.				

DIVISION 9

* I-3804	I-85, SR 1221 (OLD BEATTY FORD ROAD) NEAR	RIGHT-OF-WAY	FY 2017 -	$1,950,000	(NHP)
ROWAN	LANDIS. CONVERT GRADE SEPARATION TO	UTILITIES	FY 2017 -	$200,000	(NHP)
PROJ.CATEGORY	INTERCHANGE.	CONSTRUCTION	FY 2017 -	$7,100,000	(NHP)
DIVISION	*ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 17*			$9,250,000	
	AND CONSTRUCTION FROM FY 22 TO FY 17; WORK TO				
	BE INCORPORATED INTO I-3802B.				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 10

* EB-5775 MECKLENBURG PROJ.CATEGORY DIVISION	CORNELIUS, SOUTH PRONG ROCKY RIVER GREENWAY (SOUTH STREET - MAIN STREET). CONSTRUCT GREENWAY. *DELETE RIGHT-OF-WAY FUNDING. RIGHT-OF-WAY TO BE DONATED. FUNDING MOVED TO CONSTRUCTION.*	CONSTRUCTION	FY 2017 - FY 2017 -	$721,000 $180,000 $901,000	(STBGDA) (L)
EB-5776 MECKLENBURG PROJ.CATEGORY DIVISION	CORNELIUS, NC 115 SIDEWALK AND BIKE LANE MODERNIZATION (SMITH ROAD - POTTS STREET). *DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.*	CONSTRUCTION	FY 2019 - FY 2019 -	$246,000 $61,000 $307,000	(STBGDA) (L)
EB-5777 MECKLENBURG PROJ.CATEGORY DIVISION	CORNELIUS, MCDOWELL CREEK TRIBUTARY GREENWAY, CATAWBA AVENUE TO WASHAM POTTS ROAD. CONSTRUCT GREENWAY. *ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 18 AND CONSTRUCTION FROM FY 21 TO FY 20 AT THE REQUEST OF THE MPO.*	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2018 - FY 2020 - FY 2020 -	$300,000 $75,000 $1,100,000 $275,000 $1,750,000	(STBGDA) (L) (STBGDA) (L)
I-5746 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-277 / US 74, I-77 TO BREVARD ROAD. PAVEMENT REHABILITATION. *DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR DESIGN.*	CONSTRUCTION	FY 2017 - FY 2018 -	$6,850,000 $6,850,000 $13,700,000	(NHPIM) (NHPIM)
* R-2530B STANLY PROJ.CATEGORY REGIONAL	NC 24-27, BIRD ROAD IN ALBEMARLE TO WEST OF THE PEE DEE RIVER *ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17 AND CONSTRUCTION FROM FY 20 TO FY 19. PROJECT CAN BE DELIVERED EARLIER THAN ANTICIPATED.*	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2019 - FY 2020 -	$14,000,000 $1,900,000 $14,600,000 $14,600,000 $45,100,000	(T) (T) (T) (T)
U-5905 MECKLENBURG PROJ.CATEGORY EXEMPT	SR 2112 (LAKEVIEW ROAD), US 21 TO NC 115. UPGRADE ROADWAY. *DELAY CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME FOR PROJECT DEVELOPMENT.*	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	$100,000 $8,900,000 $9,000,000	(BA) (BA)

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 11

* B-4676	SR 1001 (OAKWOODS ROAD), REPLACE BRIDGE 960029	CONSTRUCTION	FY 2020 -	$1,850,000	(STPOFF)
WILKES	OVER CUB CREEK.			$1,850,000	
PROJ.CATEGORY	*DELAY CONSTRUCTION FROM FY 16 TO FY 20 TO*				
DIVISION	*ALLOW TIME TO DETERMINE IF IMPROVEMENTS WILL BE INCLUDED IN PROJECT R-5772.*				

DIVISION 12

C-5529	MOORESVILLE, INTERSECTION OF NC 115 AND FAITH	RIGHT-OF-WAY	FY 2016 -	$82,000	(CMAQ)
IREDELL	ROAD-CAMPUS LANE IN MOORESVILLE. REALIGN		FY 2016 -	$27,000	(L)
PROJ.CATEGORY	FAITH ROAD TO TIE INTO EXISTING NC 115/CAMPUS	CONSTRUCTION	FY 2017 -	$996,000	(CMAQ)
EXEMPT	LANE INTERSECTION AND CONSTRUCT DEDICATED		FY 2017 -	$332,000	(L)
	TURN LANES ON FAITH ROAD AND CAMPUS LANE			$1,437,000	
	APPROACHES TO THE INTERSECTION.				
	DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION AND UTILITY RELOCATION.				

C-5701	MOORESVILLE, INTERSECTION OF NC 801 AND NC	RIGHT-OF-WAY	FY 2016 -	$111,000	(CMAQ)
IREDELL	150. CONSTRUCT INTERSECTION IMPROVEMENTS.		FY 2016 -	$29,000	(L)
PROJ.CATEGORY	*DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO*	CONSTRUCTION	FY 2017 -	$959,000	(CMAQ)
EXEMPT	*ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION AND UTILITY RELOCATION.*		FY 2017 -	$650,000	(BA)
			FY 2017 -	$255,000	(L)
				$2,004,000	

* EB-5535	CRAMERTON, LAKEWOOD PARK TRAIL, LAKEWOOD	CONSTRUCTION	FY 2016 -	$760,000	(STPEB)
GASTON	PARK TO US 29/US 74. CONSTRUCT 10 FEET WIDE			$760,000	
PROJ.CATEGORY	TRAIL.				
TRANSITION	*DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME TO ACQUIRE PERMITS.*				

* W-5212N	NC 279, CAMP SERTOMA TO SR 1438 (ST. MARK'S	RIGHT-OF-WAY	FY 2017 -	$1,000,000	(HSIP)
GASTON	CHURCH ROAD). CONSTRUCT SAFETY		FY 2017 -	$2,000,000	(STP)
PROJ.CATEGORY	IMPROVEMENTS, INCLUDING PASSING ZONES.	CONSTRUCTION	FY 2018 -	$3,400,000	(HSIP)
DIVISION	*MODIFY PROJECT SCOPE, FUNDING AMOUNTS, AND SCHEDULE. (APPEARED IN THE MARCH 2016 HANDOUT)*		FY 2018 -	$6,600,000	(STP)
				$13,000,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 13

* EB-5809	HILDEBRAN, NORTH CENTER STREET, FIRST AVENUE	ENGINEERING	FY 2016 -	$84,000	(STBGDA)
BURKE	NE TO WILSON ROAD. CONSTRUCT SIDEWALK.		FY 2016 -	$21,000	(L)
PROJ.CATEGORY	*DELAY CONSTRUCTION FROM FY 16 TO FY 18 TO*	RIGHT-OF-WAY	FY 2017 -	$111,000	(STBGDA)
DIVISION	*ALLOW ADDITIONAL TIME FOR PLANNING AND*		FY 2017 -	$28,000	(L)
	DESIGN. ADD PRELIMINARY ENGINEERING AND	CONSTRUCTION	FY 2018 -	$426,000	(STBGDA)
	RIGHT-OF-WAY ACQUISITION FUNDING AT THE		FY 2018 -	$107,000	(L)
	REQUEST OF THE MPO.			$777,000	
R-2233BB	US 221, SOUTH OF US 74 BUSINESS TO NORTH OF SR	RIGHT-OF-WAY	FY 2018 -	$19,900,000	(T)
RUTHERFORD	1366 (ROPER LOOP ROAD)	UTILITIES	FY 2018 -	$3,000,000	(T)
PROJ.CATEGORY	*DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 TO*	CONSTRUCTION	FY 2020 -	$17,767,000	(T)
DIVISION	*ALLOW ADDITIONAL TIME FOR DESIGN.*		FY 2021 -	$17,766,000	(T)
			FY 2022 -	$17,767,000	(T)
				$76,200,000	

DIVISION 14

B-4775	SR 1309 (CRANFORD ROAD), REPLACE BRIDGE 550017	RIGHT-OF-WAY	FY 2017 -	$50,000	(STPOFF)
MACON	OVER WAYAH CREEK.	CONSTRUCTION	FY 2018 -	$450,000	(STPOFF)
PROJ.CATEGORY	*DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND*			$500,000	
DIVISION	*CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW*				
	ADDITIONAL TIME FOR PLANNING.				
B-4792	SR 1102 (PEARSON FALLS), REPLACE BRIDGE 740004	CONSTRUCTION	FY 2016 -	$650,000	(STPOFF)
POLK	OVER FORK CREEK (SMALL BRANCH OF PACOLET			$650,000	
PROJ.CATEGORY	RIVER).				
DIVISION	*ACCELERATE CONSTRUCTION FROM FY 17 TO FY 16.*				
	UTILITY ISSUES RESOLVED.				
B-5905	US 23 BUSINESS, REPLACE BRIDGE 490027 OVER	RIGHT-OF-WAY	FY 2017 -	$270,000	(STPON)
JACKSON	SCOTT CREEK AND SOUTHERN RAILROAD.	CONSTRUCTION	FY 2019 -	$2,700,000	(STPON)
PROJ.CATEGORY	*DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO*		FY 2020 -	$2,700,000	(STPON)
REGIONAL	*ALLOW ADDITIONAL TIME FOR COORDINATION WITH*			$5,670,000	
	THE RAILROAD.				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 14

U-5548	BROWN AVENUE, REALIGNMENT OF BROWN AVENUE FROM BOYD AVENUE TO APPROXIMATELY 1200 FEET SOUTH OF THE INTERSECTION. PROJECT INCLUDES CONSTRUCTION OF NEW ROADWAY (SCHOOL STREET), RAISED CROSSWALK, PAINTED CROSSWALKS, REFUGE ISLAND, BULBOUT AND SIGNAGE.	CONSTRUCTION	FY 2017 -	$400,000	(STBGDA)
HAYWOOD			FY 2017 -	$100,000	(L)
PROJ.CATEGORY				$500,000	
DIVISION	*DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW THE CONSTRUCTION SCHEDULE TO BE SHIFTED AND MINIMIZE SCHOOL DISRUPTIONS.*				

STIP DELETIONS

DIVISION 10

* EB-5789	WEDDINGTON ROAD, WAXHAW-INDIAN TRAIL ROAD TO LESTER DAVIS ROAD. CONSTRUCT SIDEWALK IN WESLEY CHAPEL.	CONSTRUCTION	FY 2018 -	$64,000	(STBGDA)
UNION			FY 2018 -	$16,000	(L)
PROJ.CATEGORY				$80,000	
DIVISION	*DELETE AT THE REQUEST OF MPO. WORK TO BE ACCOMPLISHED IN U-3467.*				

DIVISION 12

* EB-5804	NEWTON CONOVER HIGH SCHOOL SIDEWALK CONNECTION.	CONSTRUCTION	FY 2016 -	$439,000	(STBGDA)
CATAWBA			FY 2016 -	$88,000	(L)
PROJ.CATEGORY				$527,000	
DIVISION	*DELETE AT THE REQUEST OF THE CITY OF NEWTON.*				

ITEM N SUMMARY

ADDITIONS	47 PROJECTS	$37,024,000
MODIFICATIONS	25 PROJECTS	
DELETIONS	2 PROJECTS	$607,000
	74 PROJECTS	$36,417,000

* INDICATES FEDERAL AMENDMENT

NCDOT June 30, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 34 Agreements for approval by the Board of Transportation

Statewide

North Carolina Department of Natural and Cultural Resources Arts Council (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP ™ system. The Department and Agency have agreed provide to up to two (2) SAP ™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is $73,780. This agenda item supersedes the item that was approved by the Board of Transportation on June 2, 2016.
North Carolina Department of Natural and Cultural Resources Museum of Natural Sciences (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP ™ system. The Department and Agency have agreed provide to up to one hundred and five (105) SAP ™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is $91,850. This agenda item supersedes the item that was approved by the Board of Transportation on June 2, 2016.
North Carolina Department of Natural and Cultural Resources Parks and Recreation (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP ™ system. The Department and Agency have agreed provide to up to one hundred and ten (110) SAP ™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is $118,480. This agenda item supersedes the item that was approved by the Board of Transportation on June 2, 2016.
North Carolina Department of Natural and Cultural Resources State Library (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP ™ system. The Department and Agency have agreed provide to up to one hundred and ten (110) SAP ™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is $104,850. This agenda item supersedes the item that was approved by the Board of Transportation on June 2, 2016.

Division 4

Norfolk Southern Railway Company (NSR) North Carolina Railroad Company (NCRR) Johnston and Wake Cos. 32280	On April 18, 2008, the Department, NSR, and NCRR entered into a Project Agreement for track and signal improvements to the North Carolina Railroad Company between Raleigh and Selma, Mileposts H 81.3 and H 109.3, to increase passenger train speed, improve reliability, and decrease passenger train travel time. This agreement provided for reimbursement for maintenance of all improvements. This Supplemental Agreement amends the Project Agreement to extend the term for reimbursement for maintenance of the improvements for an additional 20 years.
Town of Clayton Johnston County U-5530LA 44111.1.F5 44111.3.5	This Project consists of the design of Sam's Branch Greenway. This Supplemental Agreement is for the construction of Sam's Branch Greenway trail from the end of Phase I at North O'Neil Street to Legend Park at City Road, including the grade separation crossing of North O'Neil Street. The Municipality has requested to combine the construction of Project U-5530LA and U-5530LB under one construction contract. The Municipality is responsible for all phases of the Project. The Department's original participation for both U-5530LA and LB Projects was a total of $156,000. The Department agrees to reimburse the Municipality an additional $1,708,800 of STP-DA funds. The Municipality's original total for both Projects was $39,000. The Municipality will provide $427,200 as their local match and any costs that exceed $2,136,000.
Norfolk Southern Railway Company (NSR) North Carolina Railroad Company (NCRR) Johnston County R-5769 46448.1	This Project is to construct a new grade separation on an access road to the Novo Nordisk facility beginning at Station 32 + 61.98 –L- running in a north easterly direction over the tracks and related facilities owned by Company and operated by Railroad to Station 33 + 75.48 –L- identified for preliminary engineering in Johnston County; and including the superstructure and substructure, the handrails, the wearing surface of the highway, the approaches, the drainage and other related facilities across the Company's Corridor, property and right-of-way, racks and other facilities at or near Railroad's Milepost H-100.45.

Division 5

Town of Cary Wake County C-5604IB 43714.3.5	This Project consists of the construction of a gap in the White Oak Creek Greenway between MacArthur Drive and Davis Drive which will include a grade-separated rail crossing, and boardwalk for a majority of the length of the trail, as well as pedestrian signal and crossing improvements at the Davis Drive at-grade crossing in Cary. The Municipality is responsible for all phases of the Project. The Department shall reimburse 45% of approved eligible costs from CMAQ funds, not to exceed $2,047,500. The Municipality will be responsible for providing the 55% ($2,502,500) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost of $4,550,000.
Town of Zebulon Wake County U-5118FB 42379.2.33 42379.3.33	This Project consists of improvements to include dual left turns from Pearces Road onto Arendell Avenue, signal upgrades, and adding a lane on Arendell Avenue to allow a receiving lane for the dual left turns from Pearces Road. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STP-DA funds, not to exceed $956,000. The Municipality will be responsible for providing the 20% ($239,000) non-federal match for the STP-DA funds authorized and all costs that exceed the total estimated cost of $1,195,000.
Town of Wake Forest Wake County U-5118BB 42379.2.34 42379.3.34	This Project consists of roadway, bicycle, and pedestrian improvements along Durham Road (NC 98 Business) between Retail Drive and Tyler Run Drive in Wake Forest. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STP-DA funds, not to exceed $2,038,092. The Municipality will be responsible for providing the 20% ($509,523) non-federal match for the STP-DA funds authorized and all costs that exceed the total estimated cost of $2,547,615.

Division 5, cont.

Town of Morrisville Wake County U-5828 44401.3.1	This Project consists of the construction of McCrimmon Parkway from SR 3015 (Airport Blvd) to SR 1002 (Aviation Parkway) in Morrisville. At the request of the Municipality, additional work to be included within the scope of the project shall include sidewalk on both sides of McCrimmon Extension. The Municipality shall be responsible for planning, design, right of way and utilities. The Department shall construct and administer the construction contract. The Municipality shall participate in the sidewalk and street lighting betterment costs in the amount of $1,040,542. The Municipality shall maintain the betterments upon completion of the Project.
Town of Holly Springs Wake County C-5604JA 43714.1.6 43714.2.6 43714.3.6	This Project consists of greenway construction to connect the east side of Town to the west side of Town by means of an existing pedestrian tunnel which was constructed with the NC 55 Bypass in Holly Springs. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from CMAQ funds, not to exceed $580,000. The Municipality will be responsible for providing the 20% ($145,000) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost of $725,000.
Town of Holly Springs Wake County U-5118JB 42379.3.35	This Project consists of the construction of a superstreet on NC 55 Bypass at Sportsmanship Way in Holly Springs. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STP-DA funds, not to exceed $1,200,000. The Municipality will be responsible for providing the 20% ($300,000) non-federal match for the STP-DA funds authorized and all costs that exceed the total estimated cost of $1,500,000.
City of Raleigh Wake County C-5604OD 43714.3.8	This Project consists of the extension of Crabtree Creek West Greenway from the existing terminus at Lindsay Drive to the eastern boundary of Umstead State Park on Ebenezer Church Road in Raleigh. The Municipality is responsible for all phases of the Project. The Department shall reimburse 34% of approved eligible costs from CMAQ funds, not to exceed $1,547,000. The Municipality will be responsible for providing the 66% ($3,003,000) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost of $4,550,000.

Division 5, cont.

City of Raleigh Wake County U-5118OA 42379.3.36	This Project consists of resurfacing, restriping, and signal modifications to implement addition for bike lanes on Blount Street, Person Street and Hoke Road to Wake Forest Road; also the conversion of Wake Forest Road to 3-lanes with bike lanes. The Municipality is responsible for all phases of the Project. The Department shall reimburse 72% of approved eligible costs from STP-DA funds, not to exceed $1,274,400. The Municipality will be responsible for providing the 28% ($495,600) non-federal match for the STP-DA funds authorized and all costs that exceed the total estimated cost of $1,770,000.
City of Raleigh Wake County C-5604OC 43714.2.7 43714.3.7	This Project consists of a segment of the Walnut Creek Greenway, which will connect from the existing Walnut Creek Greenway at Trailwood Drive to NCSU Centennial Campus in Raleigh. The Municipality is responsible for all phases of the Project. The Department shall reimburse 67% of approved eligible costs from CMAQ funds, not to exceed $683,400. The Municipality will be responsible for providing the 33% ($336,600) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost of $1,020,000.
TransLoc, Inc. Wake County 32218	This Pilot Parnter Agreement covers the terms and conditions by which the Department and TransLoc will develop and test an application that allows passengers (both rail and bus) to access trip-planning functions and transit connections to get to and from fixed-route services as part of the rail passenger marketing efforts. The Department will test the application for 3 months, with an option to extend for an additional 3 months. The cost to the Department is $5,000.
Norfolk Southern Railway Company (NSR) North Carolina Railroad Company (NCRR) Wake, Durham, Orange, Alamance, Guilford, Davidson, Rowan, Cabarrus and Mecklenburg Cos. 32280	On December 19, 2001, the Department, NSR, and NCRR entered into a Project Agreement covering various track and signal improvements and the maintenance thereof onto the North Carolina Railroad Company Corridor between Raleigh and Charlotte to increase passenger train speed, improve reliability, and decrease passenger travel time. This Project Agreement was previously amended on March 14, 2005 to update Indemnification and Contracting language. These agreements provided for reimbursement for maintenance of all improvements. This Supplemental Agreement amends the above agreements to extend the term for reimbursement for maintenance of the improvements for an additional 20 years.

NCDOT June 30, 2016 Board of Transportation Agenda

Division 6

Town of Hope Mills Cumberland County U-5528A 50078.3.1	The Project consists of construction of curb, gutter and sidewalk along the south side of Rockfish Road from Johnson Street to Golfview Road. This Supplemental Agreement is to provide additional funding in the amount of $253,941 from Transportation Enhancement funds. The Municipality shall provide $27,130 as the non-federal match.

Division 8

Aberdeen & Rockfish Railroad Company (AR) Hoke County 80000.1.4.2	On August 20, 2014, the Department and AR entered into a Rail Freight Assistance Agreement to upgrade crossties and roadbeds between Mileposts 24.0-25.3, 27.4-31.2, and 36.0-38.0, which was funded through Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds. This Supplemental Agreement revises the scope of work to include repair work at the following Mileposts: 24.0-25.3, 28.2-31.2, 32.6-33.8, and 36.0-37.6. All other provisions of the agreement executed on August 20, 2014, shall remain the same.
Town of Taylortown Moore County 3608.3.13	This Project consists of construction of concrete sidewalk along NC 211 and SR 1210 (Beulah Hill Church Road) in Taylortown, Moore County. The Department shall administer the construction contract. The Municipality shall acquire any needed right of way and assume maintenance of the sidewalk. The Department shall participate in the actual construction costs of the Project in an amount not to exceed $78,200. Costs which exceed this amount shall be borne by the Municipality. This Agreement supersedes the original Agreement for this Project adopted on January 13, 2015.

Division 10

City of Charlotte Mecklenburg County U-5905 46450.1.1 46450.2.1 46450.3.1	This Project consists of improvements along Lakeview Road (SR 2112) from Old Statesville Road (NC 115) to Reames Road (SR 2110) for the purpose of increasing vehicular capacity at key intersections along the corridor to facilitate movement to the Lakeview direct connect interchange. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual Project costs in an amount not to exceed $9,000,000 in Bonus Allocation Funding. Costs which exceed this amount shall be borne by the Municipality.

Division 10, cont.

City of Kannapolis Cabarrus County U-3440 39010.3.2	This Project consists of NC 3 from the proposed West Side Bypass (U-2009) to SR 1691 (Loop Road). The Department shall prepare the environmental and/or planning document, Project plans and specifications, construct the Project, and acquire any needed right of way. The Municipality shall relocate and adjust any municipally-owned utilities. At the request of the Municipality, the Department shall include in its contract the construction of new sidewalk, widening the outside lanes 2-ft to accommodate wider bicycle lanes, and upgrading to metal powder-coated signal poles. The Municipality shall reimburse the Department 30% ($143,929) of the actual costs of the work for the sidewalk and 100% ($280,744) of the actual costs of the work for the additional betterments. The estimated reimbursement from the Municipality is $424,673.
City of Charlotte Mecklenburg County P-5208H 50000.3.STR08T4F	This Project consists of the relocation of Grier Road over NCRR tracks to Old Concord Road (SR 2939) in Charlotte. This Supplemental Agreement is to modify the scope and increase funding. The Department shall reimburse the Municipality an additional $27,810 in Project funds.
Intertape Polymer Corporation (IPC) Cabarrus County 80000.3.1.7	This Rail Agreement covers approval of Freight Rail & Rail Crossing Safety Improvements (FRRCSI) and STI Economic Development funds to assist IPC with the construction of three (3) rail spur tracks off of the mainline switch at Milepost 368.50 to serve a proposed manufacturing facility. IPC will perform the work. The Department will participate in the cost of the project to the extent of 17.8%, or up to $200,000 from FRRCSI funds, and up to $122,500 from Economic Development funds. The estimated cost of the project is $1,125,000.

Division 11

County of Wilkes 44128	This Project consists of construction of a new 2 lane roadway from Call Street (NS) to Davidson Street (NS) to provide access to Wilkes Community College Health Science Campus in Wilkes County. The Department's original participation was $300,000. This Supplemental Agreement is to provide an additional $50,000 in small construction funds.

Division 12

City of Conover Catawba County EB-5803 46459.3.1	This Project consists of striping bicycle lanes for two miles along 1st Avenue, 7th Street Pl SW and a portion of 3rd Avenue SE. Pedestrian improvements include crosswalks, pedestrian refuges, traffic calming, and a mid-block crossing on 7th Street Pl SW. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STP-DA funds, not to exceed $399,001. The Municipality shall provide the 20% ($99,751) non-federal match and all costs that exceed the total estimated cost of $498,752.
City of Hickory Catawba County EB-5805 46462.1.1	This Project consists of the design of the Hickory CITYWALK, a 10-12 mile urban greenway system in downtown Hickory. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STPDA funds, not to exceed $800,000. The Municipality will be responsible for providing the 20% ($200,000) non-federal match and all costs that exceed the total estimated costs of $1,000,000.
City of Hickory Catawba County 12.101811 9808837	This Project consists of design work including site layout, soil parameters, wall envelope and cost estimate for shoring associated with the repair of the US 70/7th Street Southeast sinkhole located in Hickory. The Department shall prepare the Project plans and specifications as needed to construct the Project. The Department will participate 50% ($26,000) and the Municipality will participate 50% ($26,000) towards the cost of the project. The estimated cost of the project is $52,000.
City of Hickory Catawba County 12B.101811 9808132	This Project consists of an agreement for the reimbursement of the rental costs associated with the pumping equipment located at the sinkhole adjacent to US 70 and 7th Street Southeast in Hickory. The Municipality shall reimburse the Department for two-thirds of the rental costs incurred for the pumping rental equipment.

Division 12, cont.

Gaston County C-5606E 43728.1.6 43728.2.6 43728.3.6	This Project consists of construction of a walking and biking trail connecting Gaston County Park and Gaston College with Technology Park. The Municipality is responsible for all phases of the Project. The Department shall reimburse 79% of approved eligible costs from CMAQ funds, not to exceed $513,300. The Municipality will be responsible for providing the 21% ($136,447) non-federal match and all costs that exceed the total estimated costs of $649,747.
City of Bessemer City Gaston County C-5606B 43728.1.3 43728.2.3 43728.3.3	This Project consists of construction of a new sidewalk on the south side of W NC Highway 161 between S. 13th Street and S. 14th Street with crosswalks. The Municipality is responsible for all phases of the Project. The Department shall reimburse 79% of approved eligible costs from CMAQ funds, not to exceed $158,000. The Municipality will be responsible for providing the 21% ($42,000) non-federal match and all costs that exceed the total estimated costs of $200,000.
City of Belmont Southern Benedictine Society, Inc. Skye-Belmont, LLC 6501 Wilkinson Blvd, LLC Sisters of Mercy of the Americas South Central Community, Inc. Virginia H. Feimster, Duke Energy Carolinas, LLC Parkdale America, LLC Alliance Real Estate III Inc. Chronicle Mill Land, LLC Belmont Community Organization (Other Parties) Gaston County	This Lease Agreement provides the terms and conditions by which the Department and the Other Parties will lease to the Municipality their portion of the interest in the right-of-way of the former Belmont Branch of the Piedmont and Northern Railroad from its intersection with SR 2093, Milepost SFF 1.56, to its intersection with Glenway Street, Milepost SFF 3.13 as authorized in Senate Bill 460 passed by the 2013 session of the General Assembly. The property will be used solely as a bicycle and pedestrian facility. The lease term will be for 10 years, with an automatic renewal for a successive 10 year period, subject to the Department's right to terminate upon resumption of active rail service. The lease fee is $1 per year.
City of Belmont Southern Benedictine Society, Inc. Sisters of Mercy of the Americas South Central Community, Inc. (Property Owners) Gaston County	This Memorandum of Understanding (MOU) constitutes a statement of intent between the Department, the Municipality, and the Property Owners to lease to the Municipality the portion of the former Belmont Branch of the Piedmont and Northern Railroad right-of-way located on their respective properties as authorized in Senate Bill 460 passed by the 2013 session of the General Assembly. The leased properties may be used solely and exclusively for recreational use and for no other purpose. The Municipality will be responsible for all construction, upon approval of the Property Owners.

NCDOT June 30, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 22 Agreements for informational purposes only

Division 1

Martin County Board of Education Martin County 36249.3644	This Project consists of asphalt pavement maintenance at Riverside High School, South Creek High School and Williamston Primary School. The County shall reimburse the Department $90,000 for work performed by the Department. The estimated total cost of Project is $90,000.
NC Department of Environmental Quality Dare County 36249.3563	This Project consists of dredging in Hatteras Inlet. This Supplemental Agreement is to expand the scope and increase the funding participation. The Agency shall reimburse the Department an additional $60,000 to cover the additional dredging costs associated with the Project.

Division 2

Town of Kinston Lenoir County 2.105413	This Project consists of providing Street Sweeping of approximately 43.9 miles of state system streets, within the corporate limits of the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of $24,364.50 for a minimum of three (3) sweeping cycles per year.

Division 3

Town of Holly Ridge Onslow County 3.106713	This Project consists of providing Street Sweeping Services along US 17 within the Town limits.The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of $2,000 or $500 per cycle for a minimum of four (4) sweeping cycles per year.
Town of Surf City Pender County 3.107111	This Project consists of the installation of infiltration chambers and drop inlet on NC 210 (North New River Drive).The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department $7,000 for work performed by the Department. The estimated total cost of the Project is $7,000.

Division 4

HealthPark at Forty Two West, Land, LLC Johnston County 36249.3645	This Project consists of traffic signal review and inspection for the traffic signal at NC 42 and Johnston Medical Center-Clayton entrance/entrance to HealthPark. 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 Department's work. The estimated reimbursement is $5,000.

Division 5

Scannell Properties #232, LLC Durham County 36249.3658	This Project consists of the modification of existing traffic signal at SR 2028 (TW Alexander Drive) and SR 1959 (Miami Boulevard). 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 Department's work. The estimated reimbursement is $5,000.
Scannell Properties #232, LLC Durham County 36249.3659	This Project consists of the new signal installation at SR 2028 (TW Alexander Drive) at Stirrup Creek/Presidential Drive. 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 Department's work. The estimated reimbursement is $5,000.
Research Triangle Foundation of North Carolina Durham County 36249.3660	This Project consists of the signal upgrade at Davis Drive and I-40 Eastbound ramps/Park Drive. 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 Department's work. The estimated reimbursement is $5,000.
Standard Pacific of the Carolinas Wake County 36249.3661	This Project consists of the signal upgrade at NC 55 and Indian Wells Road/Morrisville-Carpenter 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 Department's work. The estimated reimbursement is $5,000.

Division 5, cont.

Town of Cary Wake County 50138.1.137	This Project consists of construction of left-turn lanes at the intersection of SR 1613 (Davis Drive) and SR 1619 (Waldo Rood Blvd) in Cary. The Department shall perform the work. The Municipality shall reimburse the Department 100% of the actual cost of all work performed by the Department, including administrative costs. The estimated cost is $200,000.

Division 6

North Carolina Division of Parks and Recreation Lenoir County 45857	This Project consists of the construction of a pedestrian bridge in Lake Waccamaw State Park. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs through Contingency Funds, in an amount not to exceed $300,000. Costs which exceed this amount shall be borne by the Municipality.

Division 7

Charter Development Company, LLC Guildford County 36249.3649	This Project consists of the providing a traffic signal installation at the intersection of US 70 (Burlington Road) and SR 2848 (Flemingfield Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is $5,000.
Town of Jamestown Guilford County EB-5517 50033.3.1	This Project consists of construction of approximately 1400 feet of sidewalk along the north side of East Fork Road between the existing sidewalk and the existing Bicentennial Greenway Trail in Jamestown. This Supplemental Agreement is to extend the completion date for the Project to January 7, 2019 in lieu of August 31, 2016.

Division 9

Jemsite Development, LLC Forsyth County 36249.3646	This Project consists of traffic signal review and inspection for Signal #09-0731 at the intersection of SR 1528 (Silas Creek Parkway) and SR 4463 (Fairlawn Drive). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is $5,000.

NCDOT June 30, 2016 Board of Transportation Agenda

Division 9, cont.

Winston-Salem Forsyth County Board of Education Forsyth County 36249.3651	This Project consists of patching, crack sealing, and fog seal on school bus drives at Carver High School and Reagan High School in Forsyth County. The Department shall be responsible for all phases of the work. The Board of Education shall reimburse the Department 100% of the actual cost of the Department's work. The estimated cost is $30,000.
Town of Rural Hall Forsyth County U-4741OJ 39745.1.F27 39745.2.F27 39745.3.F27	This Project consists of the construction of sidewalks, curbing and drainage on NC 65 W. This Supplemental Agreement extends the completion date of the Project to October 22, 2018, in lieu of August 31, 2015.

Division 12

H & A Property, LLC Lincoln County 36249.3647	This Project consists of the review and inspection of signal 12-1568 located at the intersection of SR 1379 (Webbs Road) and NC 16 Business. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is $5,000.
Catawba Valley Community College Catawba County 36249.3648	This Project consists of the signal upgrade at signal 12-1556 located at the intersection of SR 1005 (Startown Road) and SR 2932 (Catawba Valley Boulevard)/College Drive South. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is $5,000.

Division 13

Town of Rutherfordton Rutherford County 44767.3.1	This Project consists of the installation of a pedestrian actuated crossing system on US 74A, Railroad Avenue at 2nd Street between the Town of Spindale and the Town of Rutherfordton. The Department shall be responsible for all phases of the Project. The Department shall participate in the construction costs in the amount of $34,000. The Town of Rutherfordton shall participate in the amount of $17,000 and the Town of Spindale shall participate [through a separate agreement] in the amount of $17,000. Costs which exceed the total estimated costs of $68,000 shall be borne by the Department.
Town of Spindale Rutherford County 44767.3.1	This Project consists of the installation of a pedestrian actuated crossing system on US 74A, Railroad Avenue at 2nd Street between the Town of Spindale and the Town of Rutherfordton. The Department shall be responsible for all phases of the Project. The Department shall participate in the construction costs in the amount of $34,000. The Town of Spindale shall participate in the amount of $17,000 and the Town of Rutherfordton shall participate [through a separate agreement] in the amount of $17,000. Costs which exceed the total estimated costs of $68,000 shall be borne by the Department.

Division 14

Evergreen Packaging Haywood County 36249.3521	This Project consists of the installation of a rapid flashing beacon and pedestrian warning sign on SR 1643 at Bridge Street in Canton. This Supplemental Agreement is to expand the project scope to include the installation of a rapid flashing beacon at 890 Fibreville Road. The Developer shall reimburse the Department an additional $12,400.

NCDOT July 2016 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, 2016.

Division	County	Municipality	Road	Termini	Length
9	Forsyth 2016_07_M001	Kernersville	SR 2636	To delete (SR 2636) Beeson Road	0.73

NCDOT July 2016 Board of Transportation Agenda

No.		Enacted Page No.
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
4	Approval of Conveyance of Highway Right of Way Residues	R-4
5	Approval of Conveyance of Surplus Highway Right of Way	R-5
6	Approval of Conveyance of Permanent Utility Easement	R-6
7	Approval of Advance Acquisition of Highway Right of Way	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 Unit in the Department of Transportation in Raleigh.

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

(Division 4)

Johnston County; I.D. No. W-5204E; Project No. 45334.2.5:
SR 1524 (Old Drug Store Road) from Fawn Hill Court to NC 50

Johnston County; I.D. No. U-3334B; Project No. 34929.2.5:
SR 1923 (Booker Dairy Road Extension) from SR 1003 (Buffalo Road) to US 301 (Brightleaf Boulevard)

(Division 5)

Granville County; I.D. No. C-5569; Project No. 50106.2.F1:
City of Oxford – Construct sidewalk and crosswalk enhancements at various locations

(Division 7)

Guilford County; I.D. No. U-2525C; Project No. 34821.2.4:
Greensboro Eastern Loop from US 29 North of Greensboro to SR 2303 (Lawndale Drive)

PRELIMINARY RIGHT OF WAY PLANS **4 PROJECT(S)** **$0.00**

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 3)

Project No. 17BP.3.R.28; New Hanover County; I.D. No. N/A:
Grading, drainage, paving and culvert on Greenfield Lake Culvert with the right of way indicated upon the final plans for said project.

(Division 4)

Project No. 38533.2.3; Halifax County; I.D. No. B-4761:
Grading, drainage, paving and structure on Bridge No. 29 over Little Fishing Creek on NC 561 with the right of way indicated upon the final plans for said project.

(Division 9)

Project No. 34156.2.1GV2; Rowan/Davidson Counties; I.D. No. I-2304AC:
Grading, drainage, paving and structures on I-85 from North of SR 2120 (Long Ferry Road, Exit 81) in Rowan County to North of NC 150 in Davidson County with the right of way indicated upon the final plans for said project.

Project No. 34156.2.2GV2; Davidson County; I.D. No. I-2304AD:
Grading, drainage, paving and structures on I-85 from North of NC 150 to US 29-52-70/I-85 Business with the right of way indicated upon the final plans for said project.

(Division 10)

Project No. 42265.2.1; Cabarrus County; I.D. No. B-5123:
Grading, drainage, paving and structures on Bridge No. 14 and 19 over Rocky River and Access Road on US 29 with the right of way indicated upon the final plans for said project.

FINAL RIGHT OF WAY PLANS **5 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 6)

Project No. 36492.2.2; I.D. No. U-4444B; Cumberland County:
Final Right of Way plans approved on the minutes of the November 8, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 6 as presented at the June 30, 2016 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 10)

Project 8.U672205, Parcel R-2248BB 918, I-485 (Charlotte Outer Loop) from North of I-85 to North of NC 27
Mecklenburg County
Conveyance of an approximate 0.502-acre residue area to Andrew G. Zoutewelle for the high bid amount of $12,500.00.

Project 32213, Parcel P-3800 004-10, Charlotte Locomotive and Railcar Maintenance Facility
Mecklenburg County
Conveyance of an approximate 2.907-acre residue area to the City of Charlotte for the appraised value of $11,968,625.00.

(Division 14)

Project 33097.2.2, Parcel B-3480 002, Bridge #39 over East Fork near Tuckasegee River
Jackson County
Conveyance of an approximate 0.436-acre residue area to Patricia Powell for the high bid amount of $2,300.00.

CONVEYANCE ROW RESIDUE **3 PROJECT(S)** **$11,983,425.00**

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 9)

Project 8.17478, parcels 159 and 159A, Interchange of US 421/I-40 and SR 4326 (Martin Luther King Jr. Drive)
Forsyth County
Conveyance of an approximate 0.201-acre surplus right of way area to Winston Salem State University for the enhancement value of $26,275.00.

(Division 13)

Project 8.1843302, U-2801B 149, US 25A (Sweeten Creek Road) from South of SR 3081 (Rock Hill Road) to South of SR 3079 (Roberts Road)
Buncombe County
Conveyance of an approximate 0.240-acre surplus right of way area to Blue Ridge Holdings Partners, LLC for no monetary consideration.

CONVEYANCE OF SURPLUS RIGHT OF WAY 2 PROJECT(S) $26,275.00

Approval of conveyance of Permanent Utility Easement

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

(Division 6)

Project 35196.2.4, Parcel X-0002C 081, Fayetteville Outer Loop from East of NC 87/210 to West of US 401
Cumberland County

The Department acquired a residue property from Hugh H. Mackey and wife, Thelma T. Mackey for construction near the Fayetteville Outer Loop. The Fayetteville Public Works Commission has requested an approximate 0.100-acre permanent easement and an approximate 0.024-acre temporary construction easement to construct and maintain a 16" water main pipeline for the North Fayetteville Water System Improvement Project. The Department has determined that the conveyance of the permanent easement and temporary construction easement would cause no damage to the residue property. The Fayetteville Public Works Commission has agreed to the conveyance for $900.00.

Approval of Advance Acquisition of Highway Right of Way

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

Division 10

Property of Mahmmud (Mike) and Melanie Kirdasi
I.D. No. U-3467, Parcel #900,
WBS 39019.2.1, F. A. Project N/A,
County of Union

CONVEYANCE OF ADVANCE ACQUISITION	**1 PROJECT(S)**	**$0.00**

R-ITEM SUMMARY	**17 PROJECT(S)**	**TOTAL: $12,010,600.00**

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

There will be no Maintenance Allocation submitted to the Board for approval at the July 2016 Board meeting.

There are no Comprehensive Transportation Plans to be presented for approval at the June 30, 2016 Board of Transportation Meeting.

RESOLUTION FOR DAVID B. MELVIN

WHEREAS, David B. Melvin was born in 1902 to a family with long ties to Bladen County. His great grandfather was Robert Melvin, who represented Bladen County in the North Carolina Senate; and

WHEREAS, David B. Melvin was active in his community and attended Oakdale Presbyterian Church in White Oak, North Carolina; and

WHEREAS, David B. Melvin was also an avid baseball player and was well known in Bladen County for his pitching skills; and

WHEREAS, David B. Melvin was employed by the State Highway and Public Works Commission; and

WHEREAS, David B. Melvin faithfully served the citizens of North Carolina and Bladen County, as well as visitors to Bladen County, as the Ferry Skipper at the Tar Heel/White Oak crossing of the Cape Fear River and he often worked beyond his normal hours to accommodate travelers; and

WHEREAS, on September 10, 1954, he lost his life in the strong current of the Cape Fear River attempting to save the ferry, which had drifted across the river; and

WHEREAS, the Bladen County Board of Commissioners request to name the bridge over the Cape Fear River at Tar Heel in memory of David B. Melvin.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the bridge over the Cape Fear River at Tar Heel as the ***David B. Melvin Bridge.***

That appropriate signs will be erected at a suitable time.

Adopted, this the 30th day of June 2016 by the North Carolina Board of Transportation.

Chairman

Secretary of Transportation

RESOLUTION FOR RENAMING PORTIONS OF NC HIGHWAY 24 AS THE GOLD STAR HIGHWAY

WHEREAS, The United States began observing Gold Star Mother's Day on the last Sunday of September in 1936 to honor mothers who lost sons or daughters fighting in World War I; and

WHEREAS, the Gold Star Wives of America was formed prior to the end of World War II to provide support for the spouses and children of those who lost their lives while serving in the United States Military; and

WHEREAS, the Gold Star Lapel Button was established in August of 1947 and given to the next of kin of military members who died while serving in the United States Military; and

WHEREAS, the symbol of the Gold Star came from the custom of families of servicemen hanging a banner called a Service Flag in the window of their homes with a gold star to represent those who lost their lives serving their nation; and

WHEREAS, the State of North Carolina and the nation recognize the sacrifice that Gold Star family members make when a loved one dies in service to the nation; and

WHEREAS, North Carolina has thousands of men and women who have paid the ultimate price for our freedom; and

WHEREAS, the Harnett, Cumberland, Sampson, Duplin, Onslow and Carteret County Boards of Commissioners request to designate North Carolina Highway 24 through these counties as the Gold Star Highway.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation designates North Carolina Highway 24 through Harnett, Cumberland, Sampson, Duplin, Onslow and Carteret Counties as the ***Gold Star Highway.***

That appropriate signs will be erected at a suitable time.

Adopted, this the 30th day of June 2016 by the North Carolina Board of Transportation.

Chairman

Secretary of Transportation

DBE/MB/WB LETTING SUMMARY FOR CENTRALLY LET PROJECTS

Federal Contract Awards Summary — **Oct 2015 let through Jun 2016 let**
Federal Fiscal Year 2015/2016

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
						MB		WB	
	$	$	%	$	%	$	%	$	%
Monthly	114,673,319.64	9,646,600.59	8.4	9,802,403.39	8.5	1,985,298.00	1.7	7,261,522.70	6.3
FY to Date	556,099,813.45	54,349,285.78	9.8	56,826,118.27	10.2	15,274,161.20	2.7	40,996,374.90	7.4

State Contract Awards Summary — **Jul 2015 let through Jun 2016 let**
6.3 — **Close Out State Fiscal Year 2015/2016**

	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
	$	$	%	$	%	$	%	$	%
Monthly	45,778,281.68	1,421,245.81	3.1	1,616,006.60	3.5	2,160,864.78	4.7	2,087,883.70	4.6
FY to Date	392,889,206.52	14,751,250.60	3.8	12,770,195.40	3.3	20,253,865.54	5.2	20,318,370.45	5.2

Letting Date(s): June 21, 2016
Award Date: June 30, 2016
Award Subject to Secretary's Approval

LETTING DATES: June 21, 2016
AWARD DATE: June 30, 2016

Contract Information	County	Work Description	Prime Contractor	ADVERTISED GOALS SET			PARTICIPATION SUBMITTED			GOOD FAITH EFFORT AWARDED YES	GOOD FAITH EFFORT AWARDED NO	AWARDED BY SECRETARY YES	AWARDED BY SECRETARY NO
46027.3.1 B-5313 C203807	WILSON	GRADING, DRAINAGE, PAVING & STRUCTURE.	SANFORD CONTRACTORS, INC.	0.0	2.0	4.0	0.0	2.0	4.0			X	
2016CPT.05.10.10321.1, etc. C203883	DURHAM	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	FSC II LLC DBA FRED SMITH COMPANY	0.0	3.0	5.0	0.0	6.0	3.4	X		X	
2016CPT.06.06.10781.1,, etc. C203878	ROBESON	MILLING, WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.	JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC.	0.0	4.0	4.0	0.0	4.0	4.0			X	
2016CPT.06.07.10261.1, etc. C203887	CUMBERLAND, HARNETT	MILLING, RESURFACING, WIDENING, AND SHOULDER RECONSTRUCTION.	JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC.	9.0	3.0	5.0	0.0	3.0	5.0			X	
40152.3.1 B-4961 C203808	GUILFORD	GRADING, DRAINAGE, PAVING & STRUCTURE.	R.E. BURNS & SONS CO., INC.	0.0	1.0	5.0	0.0	1.0	5.0			X	
53029.3.1 NHPIM-0085(3)117 I-5738, I-5789, I-5821 C203843	GUILFORD, RANDOLPH	PAVEMENT AND BRIDGE REHABILITATION.	ALL BIDS REJECTED PROJECT WILL BE READVERTISED AND RELET	3.0	0.0	0.0	N/A	N/A	N/A				X
33712.3.2 B-4461 C203748	CHATHAM	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	PROJECT PENDING GOOD FAITH EFFORT DETERMINATION	0.0	2.0	5.0	0.0	N/A	N/A				X
40158.3.1 BRZ-1203(2) B-4967 C203750	HOKE, SCOTLAND	GRADING, DRAINAGE, PAVING, & STRUCTURE.	DELLINGER, INC.	5.0	0.0	0.0	5.0	0.0	0.0			X	
2016CPT.08.16.10471, etc. C203879	HOKE	MILLING, WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.	JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC.	0.0	3.0	5.0	0.0	3.0	5.0			X	
2016CPT.08.17.10191, etc. C203882	CHATHAM	MILLING, WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.	S. T. WOOTEN CORPORATION	0.0	3.0	4.0	0.0	3.0	4.0			X	
2016CPT.08.18.10531, etc. C203880	LEE	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	S. T. WOOTEN CORPORATION	0.0	3.0	5.0	0.0	3.0	5.0			X	
2016CPT.08.19.10831, etc. C203881	SCOTLAND	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	HUDSON PAVING, INC.	0.0	3.0	5.0	0.0	3.0	5.0			X	
2016CPT.10.21.10601.1, etc. C203884	MECKLENBURG	MILLING, RESURF, FULL DEPTH RECLAMATION AND SHLD RECONST.	BLYTHE BROTHERS ASPHALT CO LLC	0.0	4.0	5.0	0.0	4.0	5.0			X	
2016CPT.10.22.10601.1, etc. C203886	MECKLENBURG	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	THE LANE CONSTRUCTION CORPORATION	0.0	3.0	5.0	0.0	3.0	5.0			X	
42256.3.FD1 BRZ-1557(2) B-5118 C203768	WATAUGA	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC	5.0	0.0	0.0	5.0	0.0	0.0			X	
38538.3.1 B-4766 C203809	IREDELL	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	DANE CONSTRUCTION, INC.	0.0	2.0	4.0	0.0	2.0	4.0			X	
42303.3.FD1 BRZ-1302(41) B-5142 C203662	IREDELL	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	ALL BIDS REJECTED PROJECT WILL BE READVERTISED AND RELET	11.0	0.0	0.0	N/A	N/A	N/A				X
46125.3.1 BRZ-1367(3) B-5410 C203769	JACKSON	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	NHM CONSTRUCTORS, LLC	5.0	0.0	0.0	5.0	0.0	0.0			X	
34817.3.13 NHP-0620(031) U-2519CA, B-5516 C203759	CUMBERLAND	DESIGN BUILD.	BARNHILL CONTRACTING COMPANY	9.0	0.0	5.0	9.0	0.0	0.0			X	



Nothing Compares
NORTH CAROLINA

June 29, 2016

Financial Update

David Tyeryar, Chief Financial Officer



Financial Update
SFYTD 2016 as compared SFYTD 2015

Dollars in Millions	May 16	May 15	Year to Date May 16	Year to Date May 15	$ Change
Revenue Collections	$ 441	$ 340	$ 4,570	$ 4,218	$ 352
Expenditures	410	395	4,257	4,057	200
Net Change	$ 31	$ (55)	$ 313	$ 161	$ 152

	May 16	May 15
Cash Balances:		
Trust Fund	$ 1,387	$ 1,129
Highway Fund*	258	211
Totals	$ 1,645	$ 1,340

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

Revenue Summary May 2016
($ in Millions)

	May 2016	May 2015	Year Over Year 2015-2016 Actual	Year Over Year 2014-2015 Actual	Year Over Year $	Year Over Year %	SFY Budget Annual Budget	SFY Budget %
State & Federal Receipts:								
Highway Fund *	$ 173.9	$ 170.7	$ 1,861.1	$ 1,830.3	$ 30.8	2%	$ 1,947.8	96%
Highway Trust Fund *	121.8	102.8	1,290.9	1,121.2	169.7	15%	1,312.5	98%
Total State Funds	295.7	273.5	3,152.0	2,951.6	200.4	7%	$ 3,260.3	97%
Federal Funds/Participation	99.8	63.8	1,083.5	1,133.2	(49.8)	-4%	1,185.6	91%
GARVEE Reimbusement/NCTA	45.6	2.9	334.9	132.9	202.0	152%		
Total	$ 441.1	$ 340.2	$ 4,570.4	$ 4,217.7	$ 352.6	8%	$ 4,445.9	103%

* Memo	May 2016	May 2015	Year Over Year 2015-2016 Actual	Year Over Year 2014-2015 Actual	Year Over Year $	Year Over Year %	SFY Budget Annual Budget	SFY Budget %
Highway Fund & Trust Fund Details								
Motor Fuel Taxes	$ 157.2	$ 160.3	$ 1,738.8	$ 1,727.7	$ 11.0	1%	$ 1,810.9	96%
Highway Use Tax	62.2	54.3	658.8	588.2	70.5	12%	659.8	100%
DMV/Other Revenue	75.0	58.4	745.5	630.8	114.7	18%	786.6	95%
Investment Income	1.2	0.6	9.0	4.8	4.2	88%	3.0	299%
Total	$ 295.7	$ 273.5	$ 3,152.0	$ 2,951.6	$ 200.4	7%	$ 3,260.3	97%

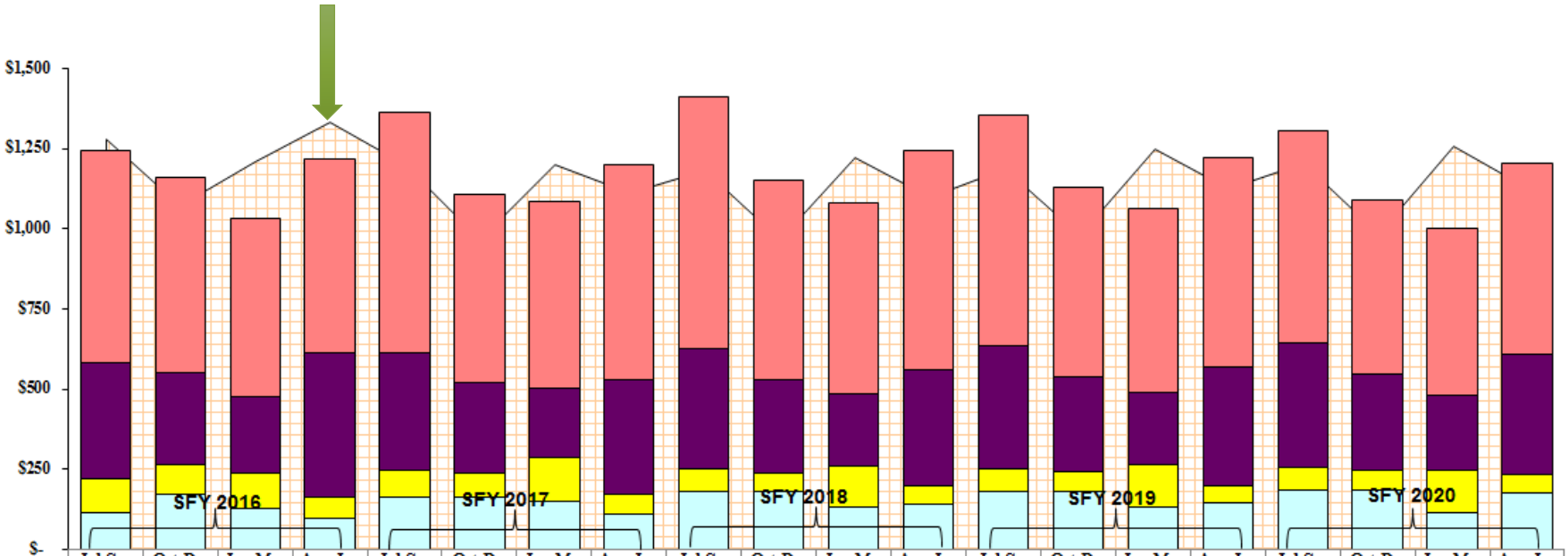
Expenditure Summary May 2016
($ in millions)

			Year Over Year				SFY Budget	
	May-16	May-15	2015-2016 Actual	2014-2015 Actual	$	%	2015-2016 Budget	%
State & Federal Funded Programs:								
Construction	$ 168.1	$ 158.5	$ 1,822.8	$ 1,761.4	$ 61.4	3%	$ 2,088.2	87%
Maintenance	122.0	122.4	1,112.3	1,062.1	50.2	5%	1,227	91%
Public Transportation	6.6	5.4	114.8	98.8	16.0	16%	123	93%
Other Modal/Other Programs	11.7	9.6	124.9	124.8	0.1	0%	153	82%
Administration	20.6	20.5	198.3	205.2	(6.9)	-3%	322	62%
Municipal Aid	-	-	147.7	147.1	0.6	0%	147.5	0%
Transfers to Other Agencies	0.0	51.5	41.7	244.2	(202.5)	NA	47.3	88%
Total Expenditures	$ 329.0	$ 368.0	$ 3,562.5	$ 3,643.6	$ (81.1)	-2%	$ 4,108.2	87%
GARVEE/NCTA/Special Iniatives	$ 80.7	$ 27.3	$ 694.3	$ 413.2	$ 281.1	68%	337.8	206%

Revenue & Expenditure Variances
As of May 31, 2016

RECEIPTS **State & Federal Receipts:**	**Percent of Budget**	**Reason for Variance**
Highway Use Tax	100%	Per OSBM, a pent up demand from recessionary period and the current rebounding economy have led to unexpectedly higher car sales volume.
Motor Fuels Taxes	96%	Motor fuel consumption through the third quarter is almost 5% higher than the same period last year.
DMV/Other Revenue	95%	House Bill 97 increased DMV fees for Drivers License Fees, Title Fees, Staggered Registration, Truck Licenses, and International Registration Plan Fees effective January 1.
EXPENDITURES **State & Federal Funded Programs:**		**Reason for Variance**
Construction	87%	STI expenditures are below projections.
Other Modal/Other Programs	82%	Aviation expenditures are still lagging. 34 new projects will be ramping up before calendar year end.
Administration	62%	DMV expenditures are up 10% but the other administrative areas are down by 33%. Vacancies are up by 27%. IT is still spending previous year carry forward.

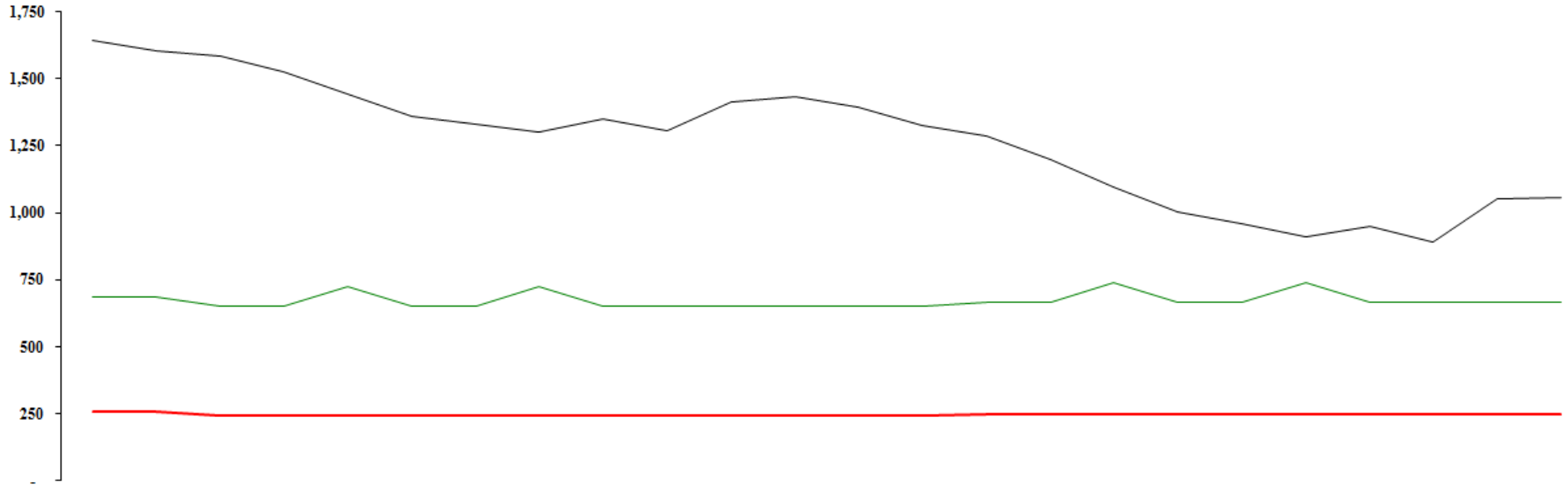
60 Month Cash Model
Revenue & Expenditure Projections as of May 2016



	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
Revenues	$1,280	$1,071	$1,208	$1,334	$1,200	$965	$1,198	$1,110	$1,184	$966	$1,221	$1,099	$1,185	$979	$1,247	$1,125	$1,202	$982	$1,255	$1,123
Construction Expenditures	665	609	558	605	749	584	582	670	787	622	600	682	719	593	575	654	662	542	521	594
Maintenance Expenditures	360	288	238	453	368	285	219	356	375	291	223	362	382	296	227	369	389	301	231	375
Other Modes	107	93	108	64	81	72	135	64	71	59	127	55	72	60	129	56	73	61	131	57
Other Expenditures	113	172	129	97	165	165	150	109	178	180	133	142	181	182	134	143	183	185	116	175

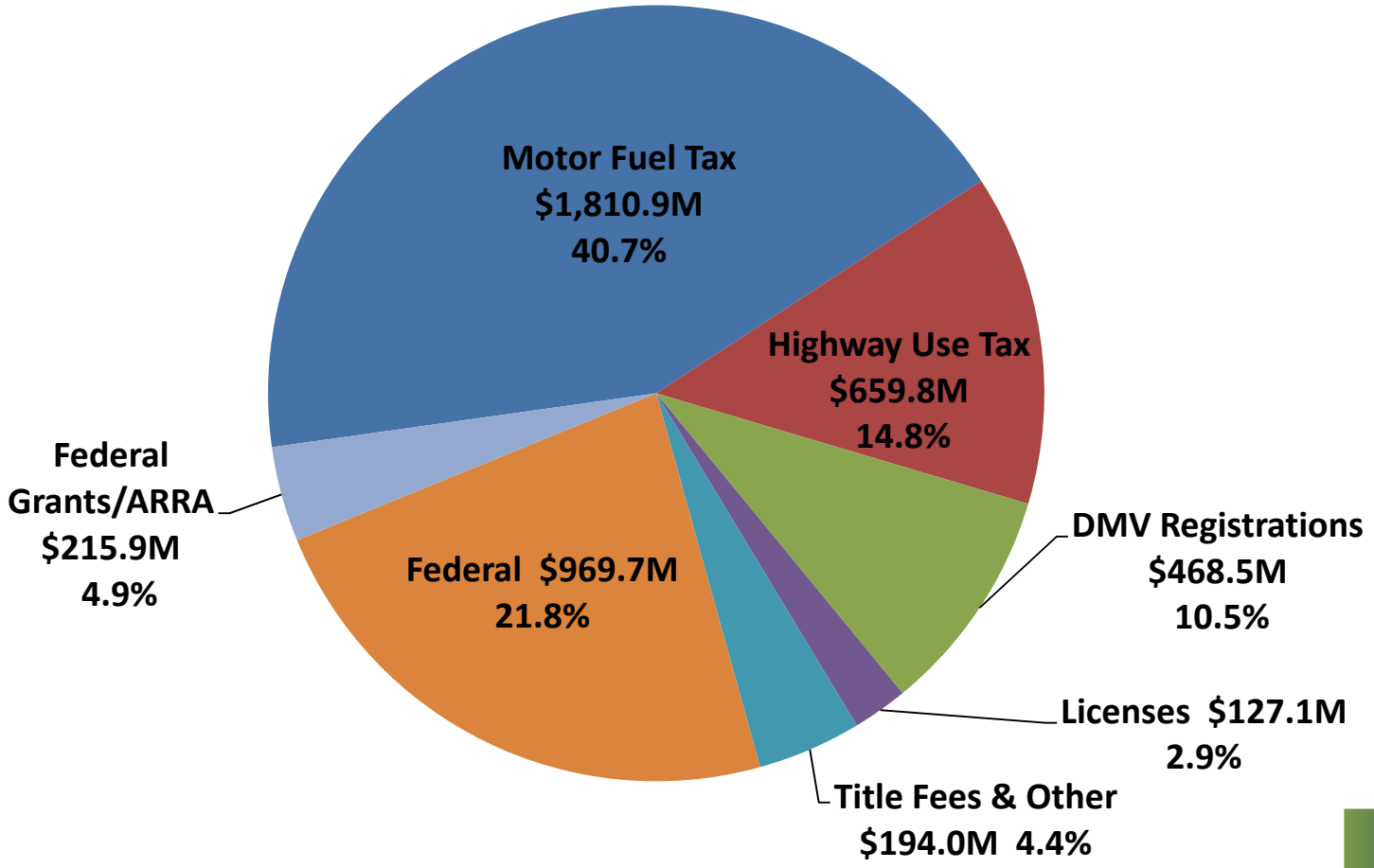
Unaudited Financial Report

24 Month Cash Model
Cash Projections as of May 2016



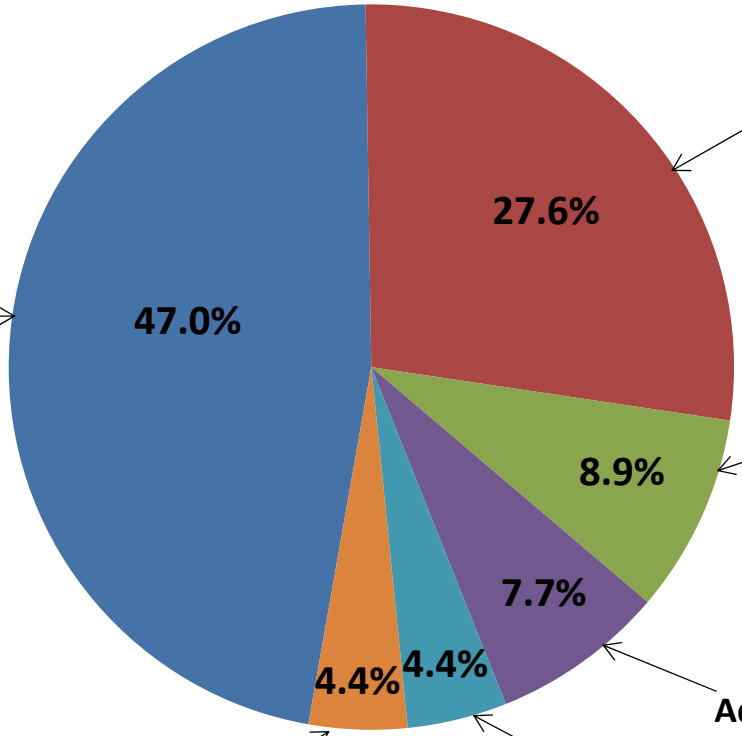
	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18
Closing Cash Balance	1,645	1,604	1,584	1,525	1,441	1,360	1,332	1,301	1,350	1,304	1,413	1,430	1,392	1,326	1,288	1,200	1,098	1,003	957	912	949	890	1,050	1,057
Cash Balance Target	686	686	652	652	725	652	652	725	652	652	652	652	652	652	665	665	738	665	665	738	665	665	665	665
Cash Balance Floor	257	257	245	245	245	245	245	245	245	245	245	245	245	245	249	249	249	249	249	249	249	249	249	249

NCDOT Revenue Sources
SFY2016 - $4.4 Billion



Unaudited Financial Report

Uses of 2015-16 NCDOT Appropriations
Total Funding = $4.4 Billion
(Excludes Receipt Supported Funding of $0.1B)



Maintenance - $1,227.4

Construction – $2,088.2

*STI TIP Construction	2,043.1
Other Construction	45.1

Other Modes - $393.8

Aviation	58.3
Rail	171.3
Public Transit	122.9
Ferries	40.6
Bike	.7

Admin & Other - $344.0

State Agency Transfers - $194.8

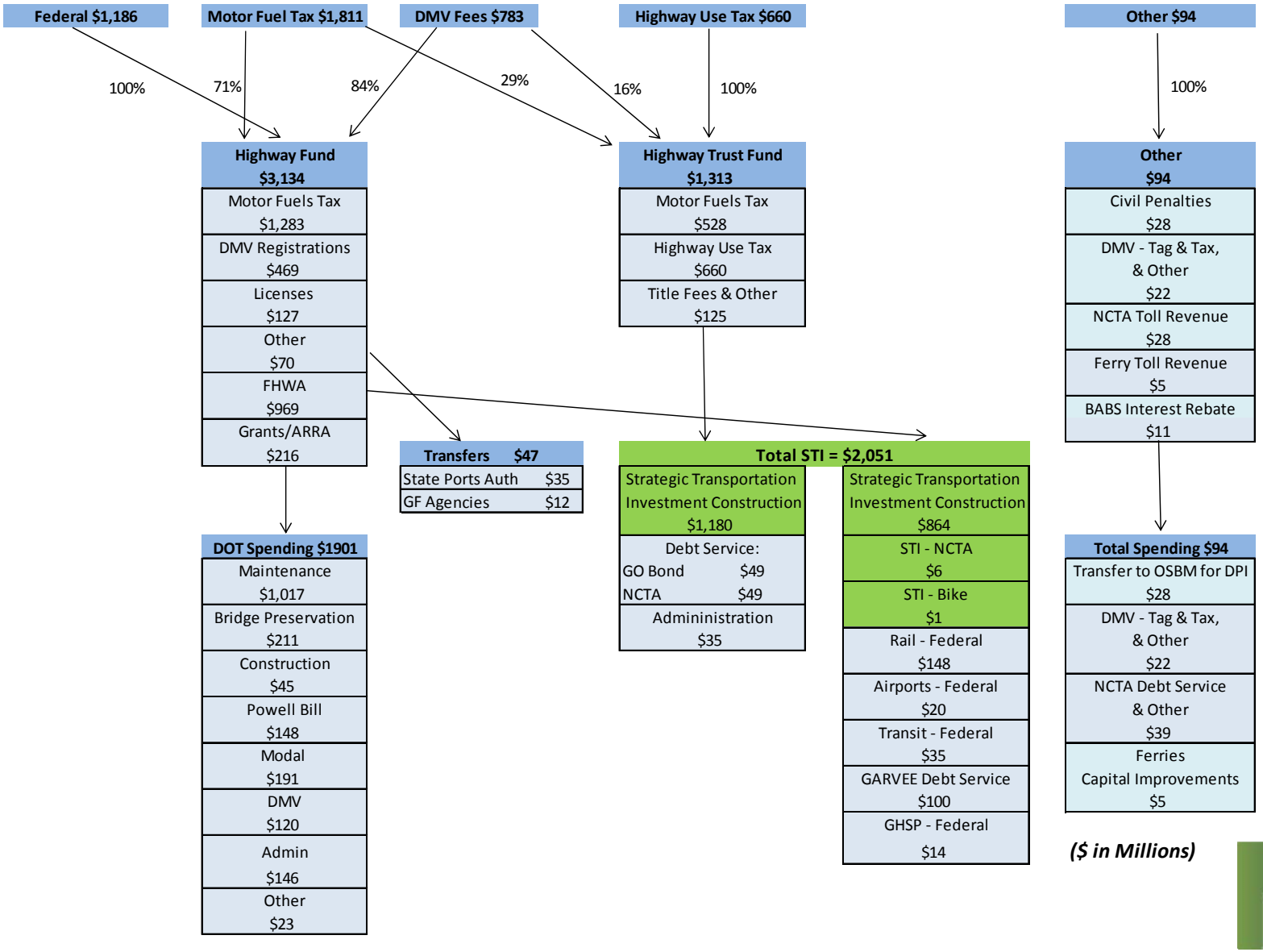
State Ports Authority	35.0
Other Agencies	12.3
Municipal Aid	147.5

Debt Service – $197.6

GO Bonds	48.6
GARVEE Bonds	100.0
NCTA	49.0

($ in millions)

SFY2016 NCDOT Sources and Uses
Total Funding = $4.4 Billion

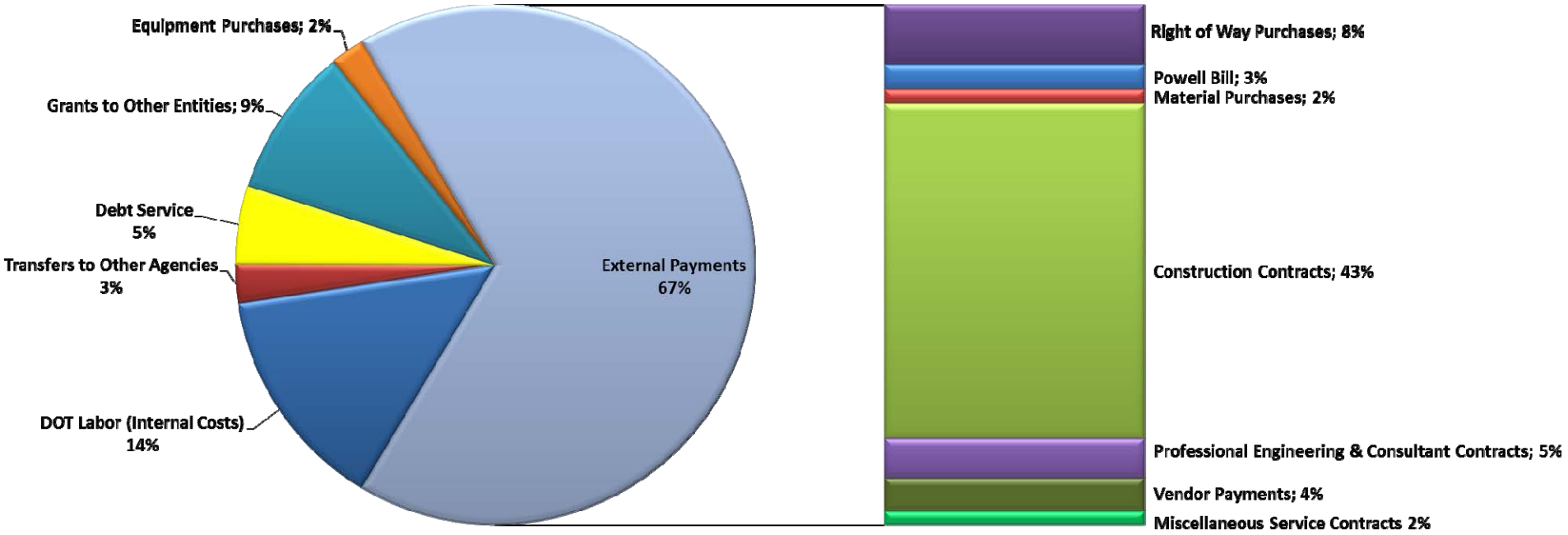


($ in Millions)

(Includes Receipt Supported Funding of $0.1B)

Unaudited Financial Report

NCDOT Expenditures
SFY2016 as of May 31, 2016



History of Outsourcing

Construction, PE & Maintenance

Direct Payments to Contractors – from Accounting System

LetMonth	2012	2013	2014	2015	2016
July	$ 448,407,234.80	$ 185,312,013.66	$ 176,706,305.23	$ 113,391,639.12	$ 110,449,013.36
August	138,357,208.50	289,393,675.95	89,999,231.25	$ 219,184,446.85	$ 152,542,311.89
September	158,308,729.59	166,861,142.45	410,603,468.53	$ 63,613,868.21	$ 191,800,924.50
October	140,842,886.18	110,471,922.48	130,520,847.46	$ 259,030,359.39	$ 82,995,370.73
November	134,024,782.15	67,494,301.44	165,491,329.33	$ 416,878,346.74	$ 96,103,103.79
December	92,793,922.73	159,071,326.49	131,252,531.08	$ 113,550,459.34	$ 75,546,643.82
January	356,408,776.77	104,084,869.28	359,662,160.77	$ 101,068,086.75	$ 108,405,907.19
February	246,292,023.88	164,653,616.54	160,656,840.86	$ 164,659,003.95	$ 330,872,141.70
March	223,848,754.38	285,956,557.24	115,534,131.67	$ 274,440,078.10	$ 180,347,524.32
April	173,734,294.47	125,968,286.35	472,735,059.92	$ 126,678,089.12	$ 135,885,475.62
May	202,516,469.42	186,589,420.50	127,483,945.94	$ 554,770,633.05	$ 345,196,160.03
June	341,428,007.73	103,102,151.15	309,412,638.16	$ 329,038,815.45	
Total	**$ 2,656,963,090.58**	**$ 1,948,959,283.52**	**$ 2,650,058,490.20**	**$ 2,736,303,826.06**	**$ 1,810,144,576.95**

NCDOT July 2016 Board of Transportation Agenda

Road Abandonments:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 5				
Wake	51126	0.08	Portion of SR 1146 Mt. Zion Church Road	3/16/16

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 4

R-5769	SR 1913 (GORDON ROAD), US 70 BUSINESS TO	RIGHT-OF-WAY	FY 2017 -	$10,000	(T)
JOHNSTON	PROPOSED NOVO NORDISK FACILITY. VARIOUS	CONSTRUCTION	FY 2018 -	$3,250,000	(T)
PROJ.CATEGORY	ROADWAY IMPROVEMENTS INCLUDING NEW ACCESS		FY 2019 -	$3,250,000	(T)
DIVISION	ROAD.			$6,510,000	
	ADD RIGHT-OF-WAY IN FY 17 NOT PREVIOUSLY PROGRAMMED.				

STATEWIDE

* C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY				
STATEWIDE	CENTER. CONDUCT A CLEAN FUEL ADVANCED				
PROJ.CATEGORY	TECHNOLOGY OUTREACH AND AWARENESS				
EXEMPT	PROGRAM, INCLUDING EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.				
	PROJECT ADDED AT REQUEST OF TRANSPORTATION PLANNING BRANCH - SEE PROJECT BREAK BELOW FOR FUNDING.				
* C-5702A	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY	OTHER	2017	$747,210	(CMAQ)
STATEWIDE	CENTER. CONDUCT A CLEAN FUEL-ADVANCED		2017	$186,802	(L)
PROJ.CATEGORY	TECHNOLOGY OUTREACH AND AWARENESS		2018	$747,210	(CMAQ)
EXEMPT	PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES.		2018	$186,802	(L)
	PROJECT ADDED AT REQUEST OF TRANSPORTATION PLANNING BRANCH.			$1,868,024	

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

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 5

* U-5118	VARIOUS, OPERATIONAL IMPROVEMENTS FOR	ENGINEERING	FY 2017 -	$100,000	(STBGDA)
FRANKLIN	SAFETY AND CONGESTION MITIGATION.		FY 2017 -	$25,000	(L)
GRANVILLE	*ADD FUNDING BEYOND FY16 AT REQUEST OF MPO.*		FY 2018 -	$100,000	(STBGDA)
HARNETT			FY 2018 -	$25,000	(L)
JOHNSTON			FY 2019 -	$100,000	(STBGDA)
WAKE			FY 2019 -	$25,000	(L)
PROJ.CATEGORY			FY 2020 -	$100,000	(STBGDA)
DIVISION			FY 2020 -	$25,000	(L)
			FY 2021 -	$100,000	(STBGDA)
			FY 2021 -	$25,000	(L)
			FY 2022 -	$100,000	(STBGDA)
			FY 2022 -	$25,000	(L)
			FY 2023 -	$100,000	(STBGDA)
			FY 2023 -	$25,000	(L)
			FY 2024 -	$100,000	(STBGDA)
			FY 2024 -	$25,000	(L)
			FY 2025 -	$100,000	(STBGDA)
			FY 2025 -	$25,000	(L)
			FY 2026 -	$100,000	(STBGDA)
			FY 2026 -	$25,000	(L)
			FY 2027 -	$100,000	(STBGDA)
			FY 2027 -	$25,000	(L)
		RIGHT-OF-WAY	FY 2016 -	$144,000	(STBGDA)
			FY 2016 -	$36,000	(L)
			FY 2017 -	$300,000	(STBGDA)
			FY 2017 -	$75,000	(L)
			FY 2018 -	$300,000	(STBGDA)
			FY 2018 -	$75,000	(L)
			FY 2019 -	$300,000	(STBGDA)
			FY 2019 -	$75,000	(L)
			FY 2020 -	$300,000	(STBGDA)
			FY 2020 -	$75,000	(L)
			FY 2021 -	$300,000	(STBGDA)
			FY 2021 -	$75,000	(L)
			FY 2022 -	$300,000	(STBGDA)
			FY 2022 -	$75,000	(L)
			FY 2023 -	$300,000	(STBGDA)
			FY 2023 -	$75,000	(L)
			FY 2024 -	$300,000	(STBGDA)
			FY 2024 -	$75,000	(L)
			FY 2025 -	$300,000	(STBGDA)
			FY 2025 -	$75,000	(L)
			FY 2026 -	$300,000	(STBGDA)
			FY 2026 -	$75,000	(L)
			FY 2027 -	$300,000	(STBGDA)
			FY 2027 -	$75,000	(L)
		CONSTRUCTION	FY 2016 -	$3,032,000	(STBGDA)
			FY 2016 -	$758,000	(L)

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 5

				FY 2017 -	$6,000,000 (STBGDA)
				FY 2017 -	$1,500,000 (L)
				FY 2018 -	$3,000,000 (STBGDA)
				FY 2018 -	$750,000 (L)
				FY 2019 -	$3,000,000 (STBGDA)
				FY 2019 -	$750,000 (L)
				FY 2020 -	$3,000,000 (STBGDA)
				FY 2020 -	$750,000 (L)
				FY 2021 -	$3,000,000 (STBGDA)
				FY 2021 -	$750,000 (L)
				FY 2022 -	$3,000,000 (STBGDA)
				FY 2022 -	$750,000 (L)
				FY 2023 -	$3,000,000 (STBGDA)
				FY 2023 -	$750,000 (L)
				FY 2024 -	$3,000,000 (STBGDA)
				FY 2024 -	$750,000 (L)
				FY 2025 -	$3,000,000 (STBGDA)
				FY 2025 -	$750,000 (L)
				FY 2026 -	$3,000,000 (STBGDA)
				FY 2026 -	$750,000 (L)
				FY 2027 -	$3,000,000 (STBGDA)
				FY 2027 -	$750,000 (L)
					$54,470,000
* U-5307 WAKE	US 1, I-540 IN RALEIGH TO SR 1909 (PURCELL ROAD) / SR 1931 (HARRIS ROAD) IN WAKE FOREST. UPGRADE ROADWAY TO CONTROLLED ACCESS FACILITY. *REVISE NORTHERN TERMINUS AT REQUEST OF PRECONSTRUCTION TO FACILITATE PLANNING / ENVIRONMENTAL REVIEW AND DOCUMENTATION. SEE BELOW FOR INCLUSION OF CORRESPONDING PROJECT BREAK.*				
* U-5307D WAKE	US 1, SOUTH OF NC 98 TO SR1909 (PURCELL ROAD) / SR 1931 (HARRIS ROAD) IN WAKE FOREST. *ADD PROJECT BREAK TO REFLECT REVISED NORTHERN TERMINUS FOR U-5307.*	RIGHT-OF-WAY	POST YR	$30,100,000	(NHP)
		UTILITIES	POST YR	$3,612,000	(NHP)
		CONSTRUCTION	POST YR	$14,100,000	(NHP)
			POST YR	$14,100,000	(NHP)
			POST YR	$14,100,000	(NHP)
			POST YR	$14,100,000	(NHP)
				$90,112,000	

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REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 5

* U-5530	VARIOUS, CAPITAL AREA MPO: BICYCLE, PEDESTRIAN,	ENGINEERING	FY 2016 -	$100,000	(STBGDA)
FRANKLIN	TRANSIT, AND TRANSPORTATION ALTERNATIVES		FY 2016 -	$25,000	(L)
GRANVILLE	PROGRAM (TAP)-ELIGIBLE PROJECTS.		FY 2017 -	$100,000	(STBGDA)
HARNETT	*ADD FUNDING BEYOND FY18 AT REQUEST OF MPO.*		FY 2017 -	$25,000	(L)
JOHNSTON			FY 2018 -	$100,000	(STBGDA)
WAKE			FY 2018 -	$60,000	(TAPDA)
PROJ.CATEGORY			FY 2018 -	$40,000	(L)
DIVISION			FY 2019 -	$100,000	(STBGDA)
			FY 2019 -	$60,000	(TAPDA)
			FY 2019 -	$40,000	(L)
			FY 2020 -	$100,000	(STBGDA)
			FY 2020 -	$60,000	(TAPDA)
			FY 2020 -	$40,000	(L)
			FY 2021 -	$100,000	(STBGDA)
			FY 2021 -	$60,000	(TAPDA)
			FY 2021 -	$40,000	(L)
			FY 2022 -	$100,000	(STBGDA)
			FY 2022 -	$60,000	(TAPDA)
			FY 2022 -	$40,000	(L)
			FY 2023 -	$100,000	(STBGDA)
			FY 2023 -	$60,000	(TAPDA)
			FY 2023 -	$40,000	(L)
			FY 2024 -	$100,000	(STBGDA)
			FY 2024 -	$60,000	(TAPDA)
			FY 2024 -	$40,000	(L)
			FY 2025 -	$100,000	(STBGDA)
			FY 2025 -	$60,000	(TAPDA)
			FY 2025 -	$40,000	(L)
			FY 2026 -	$100,000	(STBGDA)
			FY 2026 -	$60,000	(TAPDA)
			FY 2026 -	$40,000	(L)
			FY 2027 -	$100,000	(STBGDA)
			FY 2027 -	$60,000	(TAPDA)
			FY 2027 -	$40,000	(L)
		RIGHT-OF-WAY	FY 2016 -	$400,000	(STBGDA)
			FY 2016 -	$100,000	(L)
			FY 2017 -	$400,000	(STBGDA)
			FY 2017 -	$100,000	(L)
			FY 2018 -	$200,000	(STBGDA)
			FY 2018 -	$120,000	(TAPDA)
			FY 2018 -	$80,000	(L)
			FY 2019 -	$200,000	(STBGDA)
			FY 2019 -	$120,000	(TAPDA)
			FY 2019 -	$80,000	(L)
			FY 2020 -	$200,000	(STBGDA)
			FY 2020 -	$120,000	(TAPDA)
			FY 2020 -	$80,000	(L)
			FY 2021 -	$200,000	(STBGDA)

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REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 5

	FY 2021 -	$120,000	(TAPDA)
	FY 2021 -	$80,000	(L)
	FY 2022 -	$200,000	(STBGDA)
	FY 2022 -	$120,000	(TAPDA)
	FY 2022 -	$80,000	(L)
	FY 2023 -	$200,000	(STBGDA)
	FY 2023 -	$120,000	(TAPDA)
	FY 2023 -	$80,000	(L)
	FY 2024 -	$200,000	(STBGDA)
	FY 2024 -	$120,000	(TAPDA)
	FY 2024 -	$80,000	(L)
	FY 2025 -	$200,000	(STBGDA)
	FY 2025 -	$120,000	(TAPDA)
	FY 2025 -	$80,000	(L)
	FY 2026 -	$200,000	(STBGDA)
	FY 2026 -	$120,000	(TAPDA)
	FY 2026 -	$80,000	(L)
	FY 2027 -	$200,000	(STBGDA)
	FY 2027 -	$120,000	(TAPDA)
	FY 2027 -	$80,000	(L)
CONSTRUCTION	FY 2016 -	$4,000,000	(STBGDA)
	FY 2016 -	$2,000,000	(TAPDA)
	FY 2016 -	$1,500,000	(L)
	FY 2017 -	$4,000,000	(STBGDA)
	FY 2017 -	$2,000,000	(TAPDA)
	FY 2017 -	$1,500,000	(L)
	FY 2018 -	$2,000,000	(STBGDA)
	FY 2018 -	$800,000	(TAPDA)
	FY 2018 -	$700,000	(L)
	FY 2019 -	$2,000,000	(STBGDA)
	FY 2019 -	$800,000	(TAPDA)
	FY 2019 -	$700,000	(L)
	FY 2020 -	$2,000,000	(STBGDA)
	FY 2020 -	$800,000	(TAPDA)
	FY 2020 -	$700,000	(L)
	FY 2021 -	$2,000,000	(STBGDA)
	FY 2021 -	$800,000	(TAPDA)
	FY 2021 -	$700,000	(L)
	FY 2022 -	$2,000,000	(STBGDA)
	FY 2022 -	$800,000	(TAPDA)
	FY 2022 -	$700,000	(L)
	FY 2023 -	$2,000,000	(STBGDA)
	FY 2023 -	$800,000	(TAPDA)
	FY 2023 -	$700,000	(L)
	FY 2024 -	$2,000,000	(STBGDA)
	FY 2024 -	$800,000	(TAPDA)
	FY 2024 -	$700,000	(L)
	FY 2025 -	$2,000,000	(STBGDA)

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REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 5

			FY 2025 -	$800,000	(TAPDA)
			FY 2025 -	$700,000	(L)
			FY 2026 -	$2,000,000	(STBGDA)
			FY 2026 -	$800,000	(TAPDA)
			FY 2026 -	$700,000	(L)
			FY 2027 -	$2,000,000	(STBGDA)
			FY 2027 -	$250,000	(TAPDA)
			FY 2027 -	$700,000	(L)
				$56,700,000	

DIVISION 7

EL-4828A	MORGAN CREEK GREENWAY, PHASE 1	CONSTRUCTION	FY 2017 -	$298,000	(STBGDA)
ORANGE	*TO ALLOW ADDITIONAL TIME TO ANALYSE THE FLOOD PLAIN, DELAY CONSTRUCTION FROM FY 16 TO FY 17.*		FY 2017 -	$74,000	(L)
PROJ.CATEGORY				$372,000	
TRANSITION					
EL-4828B	MORGAN CREEK GREENWAY, PHASE 2	CONSTRUCTION	FY 2018 -	$730,000	(TAPDA)
ORANGE	*TO ALLOW ADDITIONAL TIME TO ANALYSE THE FLOOD PLAIN, DELAY CONSTRUCTION FROM FY 16 TO FY 18 .*		FY 2018 -	$182,000	(L)
PROJ.CATEGORY				$912,000	
TRANSITION					

DIVISION 8

U-5743	NC 42; SR 2194 (DUBLIN SQUARE ROAD), NORTH OF US 64 / NC 49 (DIXIE DRIVE) TO SR 2237 (EAST SALISBURY STREET) IN ASHEBORO. WIDEN TO THREE LANES AND REALIGN NC 42 ALONG DUBLIN SQUARE ROAD.	RIGHT-OF-WAY	FY 2019 -	$1,251,000	(T)
RANDOLPH		UTILITIES	FY 2019 -	$150,000	(T)
PROJ.CATEGORY		CONSTRUCTION	FY 2020 -	$6,056,000	(T)
REGIONAL				$7,457,000	
	REVISE PROJECT DESCRIPTION TO CLARIFY SCOPE AT REQUEST OF DIVISION.				

DIVISION 9

B-4746	SR 2264 (AKRON DRIVE), REPLACE BRIDGE 330229 OVER NORFOLK SOUTHERN RAILROAD IN WINSTON-SALEM.	RIGHT-OF-WAY	FY 2017 -	$875,000	(HFB)
FORSYTH		UTILITIES	FY 2017 -	$633,000	(HFB)
PROJ.CATEGORY		CONSTRUCTION	FY 2019 -	$4,600,000	(HFB)
HWY FUNDS				$6,108,000	
	TO ALLOW ADDITIONAL TIME TO COMPLETE THE ENVIRONMENTAL DOCUMENT, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 18 TO FY 19 .				

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REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 9

W-5313 ROWAN PROJ.CATEGORY DIVISION	SR 1221 (OLD BEATTY FORD ROAD), SR 2335 (LOWER STONE CHURCH ROAD) TO SR 1337 (LENTZ ROAD). WIDEN AND INSTALL RUMBLE STRIPS. *TO ALLOW ADDITIONAL TIME TO COMPLETE THE R/W PHASE, DELAY CONSTRUCTION FROM FY 16 TO FY 17 .*	CONSTRUCTION	FY 2017 -	$9,100,000 $9,100,000	(HSIP)

DIVISION 10

B-5930 MECKLENBURG PROJ.CATEGORY DIVISION	SARDIS LANE, REPLACE BRIDGE 590433 OVER MCALPINE CREEK. *TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18.*	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 - FY 2018 - FY 2018 -	$50,000 $13,000 $625,000 $156,000 $844,000	(STPOFF) (L) (STPOFF) (L)
I-5507 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-485, I-485, I-77 SOUTH OF CHARLOTTE TO US 74 (INDEPENDENCE BOULEVARD). ADD ONE EXPRESS LANE IN EACH DIRECTION. *TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 16 TO FY 17.*	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 - FY 2017 - FY 2018 - FY 2019 - FY 2020 -	$1,600,000 $35,800,000 $17,200,000 $53,000,000 $53,000,000 $53,000,000 $213,600,000	(T) (T) (BOND R) (T) (T) (T)
I-5768 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-77, SOUTH CAROLINA LINE TO SR 1577 (WEST TYVOLA ROAD). PAVEMENT REHABILITATION. *TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 16 TO FY 17.*	CONSTRUCTION	FY 2017 - FY 2018 -	$4,450,000 $4,450,000 $8,900,000	(NHPIM) (NHPIM)

DIVISION 12

C-5562 GASTON PROJ.CATEGORY EXEMPT	GASTONIA, BIKE AND PEDESTRIAN IMPROVEMENTS BETWEEN DOWNTOWN AND LINEBERGER PARK. *INCREASE FUNDING. NOTE: $220,000 HAS ALREADY BEEN AUTHORIZED.*	CONSTRUCTION	FY 2016 - FY 2016 -	$325,000 $83,000 $408,000	(CMAQ) (L)

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 12

* R-5100A	SR 1109 (WILLIAMSON ROAD), I-77 TO SR 1100	RIGHT-OF-WAY	FY 2019 -	$8,000,000	(T)
IREDELL	(BRAWLEY SCHOOL ROAD). WIDEN TO MULTI-LANES.	UTILITIES	FY 2019 -	$1,000,000	(T)
PROJ.CATEGORY	*SPLIT PROJECT R-5100 INTO SEGMENTS A AND B.*	CONSTRUCTION	FY 2021 -	$15,200,000	(T)
DIVISION			FY 2022 -	$15,200,000	(T)
				$39,400,000	

* R-5100B	SR 1109 (WILLIAMSON ROAD), SR 1100 (BRAWLEY	RIGHT-OF-WAY	FY 2019 -	$3,000,000	(T)
IREDELL	SCHOOL ROAD) TO NC 150. WIDEN TO MULTI-LANES.	UTILITIES	FY 2019 -	$1,500,000	(T)
PROJ.CATEGORY	*SPLIT PROJECT R-5100 INTO SEGMENTS A AND B AND*	CONSTRUCTION	FY 2020 -	$5,100,000	(T)
DIVISION	*ACCELERATE CONSTRUCTION OF SEGMENT B TO FY 20.*			$9,600,000	

DIVISION 13

B-5196	MONTREAT (TEXAS ROAD), REPLACE BRIDGE 100528	CONSTRUCTION	FY 2017 -	$575,000	(STPOFF)
BUNCOMBE	OVER FLAT CREEK.			$575,000	
PROJ.CATEGORY	*TO ALLOW ADDITIONAL TIME FOR TOWN TO RESOLVE*				
DIVISION	*PROJECT ISSUES, DELAY CONSTRUCTION FROM FY 16 TO FY 17.*				

STIP DELETIONS

DIVISION 13

* EB-5809	HILDEBRAN, NORTH CENTER STREET, FIRST AVENUE	ENGINEERING	FY 2016 -	$84,000	(STBGDA)
BURKE	NE TO WILSON ROAD. CONSTRUCT SIDEWALK.		FY 2016 -	$21,000	(L)
PROJ.CATEGORY	*DELETE AT THE REQUEST OF THE TOWN OF*	RIGHT-OF-WAY	FY 2017 -	$111,000	(STBGDA)
DIVISION	*HILDEBRAN.*		FY 2017 -	$28,000	(L)
		CONSTRUCTION	FY 2018 -	$426,000	(STBGDA)
			FY 2018 -	$107,000	(L)
				$777,000	

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* INDICATES FEDERAL AMENDMENT

NCDOT Board of Transportation Agenda

ITEM C

June 2016

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

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 21, 2016
DIVISION 00004

C203807
46027.3.1
STATE FUNDED
WILSON
B-5313

PROPOSAL LENGTH 0.145 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING & STRUCTURE.

LOCATION BRIDGE #109 OVER TOWN CREEK ON SR-1002.

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

RPN 002 6 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 937,539.50

DATE AVAILABLE AUG 01 2016
INTER COMPLETION DEC 01 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAY 30 2017

	$ TOTALS	% DIFF
SANFORD CONTRACTORS, INC. SANFORD, NC	796,500.00	-15.0
S. T. WOOTEN CORPORATION WILSON, NC	873,796.37	-6.8
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	959,950.00	+2.4
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JOI	1,001,920.64	+6.9
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	1,156,718.84	+23.4
TRADER CONSTRUCTION CO. NEW BERN, NC	1,257,916.95	+34.2

C203883
2016CPT.05.10.10321.1, 2016CPT.05.10.20321.1
STATE FUNDED
DURHAM

PROPOSAL LENGTH 21.371 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION US-501 FROM NORTH OF SR-1448 TO PERSON COUNTY LINE AND 9 SECTIONS OF SECONDARY ROADS.

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

RPN 005 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%

ESTIMATE 4,349,339.24

DATE AVAILABLE AUG 01 2016

FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,868,862.06	+11.9
CAROLINA SUNROCK LLC RALEIGH, NC	4,951,418.69	+13.8
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	5,872,392.80	+35.0

C203878
2016CPT.06.06.10781.1, 2016CPT.06.06.20781.1
STATE FUNDED
ROBESON

PROPOSAL LENGTH 36.620 MILES

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

LOCATION 1 SECTION OF NC-130, 1 SECTION OF US-301, AND 36 SECTIONS OF SECONDARY ROADS.

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

RPN 006 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 4.00%
ESTIMATE 2,961,789.67

DATE AVAILABLE AUG 01 2016
FINAL COMPLETION MAY 26 2017

	$ TOTALS	% DIFF
JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	3,048,423.07	+2.9
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	3,399,462.96	+14.8

C203887
2016CPT.06.07.10261.1, 2016CPT.06.07.10431.1, 2016CPT.06.07.20261.1, 2016CPT.06.07.20431.1
STATE FUNDED
CUMBERLAND, HARNETT

PROPOSAL LENGTH 47.160 MILES

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

LOCATION 1 SECTION OF NC-210, 1 SECTION OF NC-242, 2 SECTIONS OF US-401, 1 SECTION OF NC-87 & 27 SECTIONS OF SECONDARY ROADS.

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

RPN 007 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%

ESTIMATE 6,875,171.05

DATE AVAILABLE AUG 01 2016

FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	6,760,094.70	-1.7
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	7,063,887.01	+2.7
S. T. WOOTEN CORPORATION WILSON, NC	7,671,958.78	+11.6

C203759
34817.3.13
NHP-0620(031)
CUMBERLAND
U-2519CA, B-5516

PROPOSAL LENGTH 3.100 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION FUTURE I-295 FROM S OF US-401 TO S OF SR-1400 & REPLACEMENT OF BRIDGE #14 ON SR-3569 OVER BONES CREEK (LAKE RIM RUNOFF).

EST CONST PROGRESS.... FY-2017..13% OF BID
FY-2018..31% OF BID
FY-2019..28% OF BID
FY-2020..19% OF BID
FY-2021..09% OF BID

RPN 022 3 BIDDER(S) DBE GOAL 9.00 %

ESTIMATE 103,597,400.00

DATE AVAILABLE AUG 01 2016

FINAL COMPLETION MAY 01 2021

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
BARNHILL CONTRACTING COMPANY	93.00	15.33	100,661,097.00	-2.83	15,431,346.17	85,229,750.83	-17.73
ZACHRY CONSTRUCTION CORPORATION	86.00	10.67	109,187,099.00	+5.4	11,650,263.46	97,536,835.54	-5.85
FLATIRON CONSTRUCTORS, INC.	92.00	14.67	115,027,097.00	+11.03	16,874,475.13	98,152,621.87	-5.26

PROPOSAL	PROPOSED COMPLETION DATE
BARNHILL CONTRACTING COMPANY	MAR 25 2021
ZACHRY CONSTRUCTION CORPORATION	MAR 04 2020
FLATIRON CONSTRUCTORS, INC. BLYTHE DEVEI	MAY 01 2020

C203808
40152.3.1
STATE FUNDED
GUILFORD
B-4961

PROPOSAL LENGTH 0.085 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING & STRUCTURE.

LOCATION BRIDGE #208 OVER LITTLE ALAMANCE CREEK ON SR-3051 (KNOX ROAD).

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

RPN 008 6 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 5.00%
ESTIMATE 858,239.89

DATE AVAILABLE OCT 15 2016 THRU MAR 01 2017
INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT 180 DAYS AFTER START DATE
FINAL COMPLETION 360 DAY(S) AFTER START DATE

	$ TOTALS	% DIFF
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	798,228.00	-7.0
EASTERN STRUCTURES LLC MOCKSVILLE, NC	808,488.00	-5.8
SMITH-ROWE, LLC MOUNT AIRY, NC	824,404.30	-3.9
DANE CONSTRUCTION, INC. MOORESVILLE, NC	842,902.75	-1.8
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	925,707.22	+7.9
BURLEIGH CONSTRUCTION COMPANY INC CONCORD, VA	1,096,222.00	+27.7

C203843
53029.3.1
NHPIM-0085(3)117
GUILFORD, RANDOLPH
I-5738, I-5789, I-5821

PROPOSAL LENGTH 7.400 MILES

TYPE OF WORK PAVEMENT AND BRIDGE REHABILITATION.

LOCATION I-85 FROM I-85 BUSINESS TO MAIN STREET IN ARCHDALE.

EST CONST PROGRESS.... FY-2017..89% OF BID
FY-2018..11% OF BID

RPN 009 3 BIDDER(S) DBE GOAL 3.00 %

ESTIMATE 15,088,304.67

DATE AVAILABLE AUG 01 2016

FINAL COMPLETION OCT 01 2018

	$ TOTALS	% DIFF
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	18,651,885.24	+23.6
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	22,417,748.54	+48.6
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	26,182,887.17	+73.5

C203748
33712.3.2
STATE FUNDED
CHATHAM
B-4461

PROPOSAL LENGTH 0.189 MILES

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

LOCATION BRIDGE #10 OVER SHADDOX CREEK ON SR-1916.

EST CONST PROGRESS.... FY-2017..87% OF BID
FY-2018..13% OF BID

RPN 010 3 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 5.00%
ESTIMATE 1,447,675.48

DATE AVAILABLE AUG 01 2016
INTER COMPLETION OCT 15 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION AUG 13 2018

	$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	1,612,435.84	+11.4
SANFORD CONTRACTORS, INC. SANFORD, NC	1,689,450.00	+16.7
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,829,550.97	+26.4

C203750
40158.3.1
BRZ-1203(2)
HOKE, SCOTLAND
B-4967

PROPOSAL LENGTH 0.118 MILES

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

LOCATION BRIDGE #8 OVER DROWNING CREEK ON SR-1412/SR-1203 (TURNPIKE ROAD)

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

RPN 011 11 BIDDER(S) DBE GOAL 5.00 %

ESTIMATE 1,294,925.60

DATE AVAILABLE OCT 15 2016 THRU MAR 01 2017

INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT 180 DAYS AFTER START DATE

FINAL COMPLETION 360 DAY(S) AFTER START DATE

	$ TOTALS	% DIFF
DELLINGER, INC. MONROE, NC	1,150,576.45	-11.1
SANFORD CONTRACTORS, INC. SANFORD, NC	1,226,650.00	-5.3
SMITH-ROWE, LLC MOUNT AIRY, NC	1,319,970.70	+1.9
S. T. WOOTEN CORPORATION WILSON, NC	1,375,312.69	+6.2
THE TARA GROUP OF LUMBERTON INC LUMBERTON, NC	1,388,068.05	+7.2
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JOI	1,402,706.45	+8.3
CAROLINA BRIDGE CO., INC. ORANGEBURG, SC	1,430,533.61	+10.5
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,464,667.80	+13.1
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	1,508,064.30	+16.5
HRI INC DBA HRI BRIDGE COMPANY STATE COLLEGE, PA	1,558,955.95	+20.4
LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC. PINEVILLE, NC	1,678,330.40	+29.6

C203879
2016CPT.08.16.10471, 2016CPT.08.16.20471
STATE FUNDED
HOKE

PROPOSAL LENGTH 11.422 MILES

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

LOCATION NC-211 FROM BRIDGE #4 TO ROBESON COUNTY LINE AND 5 SECTIONS OF SECONDARY ROADS.

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

RPN 012 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 1,810,416.70

DATE AVAILABLE AUG 08 2016

FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	1,715,378.69	-5.2
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	1,832,647.43	+1.2

C203882
2016CPT.08.17.10191, 2016CPT.08.17.20191
STATE FUNDED
CHATHAM

PROPOSAL LENGTH 42.313 MILES

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

LOCATION 1 SECTION OF US-64, 2 SECTIONS OF US-421, 3 SECTIONS OF NC-87, AND 18 SECTIONS OF SECONDARY ROADS.

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

RPN 013 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%

ESTIMATE 7,416,370.15

DATE AVAILABLE AUG 08 2016
INTER COMPLETION NOV 23 2016 COMPLETE ALL WORK REQUIRED ON MAPS #4, #9, AND #17.
FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	7,476,879.28	+0.8
RILEY PAVING INC CARTHAGE, NC	7,576,128.32	+2.2

C203880
2016CPT.08.18.10531, 2016CPT.08.18.20531
STATE FUNDED
LEE

PROPOSAL LENGTH 18.057 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-1, 1 SECTION OF NC-42, AND 6 SECTIONS OF SECONDARY ROADS.

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

RPN 014 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 2,657,507.78

DATE AVAILABLE AUG 15 2016
FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	2,585,160.80	-2.7
RILEY PAVING INC CARTHAGE, NC	2,603,637.12	-2.0

C203881
2016CPT.08.19.10831, 2016CPT.08.19.20831
STATE FUNDED
SCOTLAND

PROPOSAL LENGTH 12.110 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-401 AND 3 SECTIONS OF SECONDARY ROADS.

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

RPN 015 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 1,511,117.05

DATE AVAILABLE AUG 08 2016
FINAL COMPLETION JUN 30 2017

	$ TOTALS	% DIFF
HUDSON PAVING, INC. ROCKINGHAM, NC	1,446,728.76	-4.3
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	1,624,010.72	+7.5

C203884

2016CPT.10.21.10601.1, 2016CPT.10.21.10601.2, 2016CPT.10.21.10601.3, 2016CPT.10.21.10601.4, 2016CPT.10.21.10601.5, 2016CPT.10.21.10601.6, 2016CPT.10.21.20601.1, 2016CPT.10.21.20601.10, 2016CPT.10.21.20601.11, 2016CPT.10.21.20601.12, 2016CPT.10.21.20601.13, 2016CPT.10.21.20601.14, 2016CPT.10.21.20601.2, 2016CPT.10.21.20601.3, 2016CPT.10.21.20601.4, 2016CPT.10.21.20601.5, 2016CPT.10.21.20601.6, 2016CPT.10.21.20601.7, 2016CPT.10.21.20601.8, 2016CPT.10.21.20601.9

STATE FUNDED

MECKLENBURG

PROPOSAL LENGTH 26.720 MILES

TYPE OF WORK MILLING, RESURF, FULL DEPTH RECLAMATION AND SHLD RECONST.

LOCATION 2 SECTIONS OF US-29, 4 SECTIONS OF NC-160, 1 SECTION OF NC-115 & NC-27, AND 17 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..83% OF BID
FY-2018..17% OF BID

RPN 016 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%

ESTIMATE 6,392,026.63

DATE AVAILABLE AUG 01 2016

INTER COMPLETION SEP 30 2016 COMPLETE FULL-DEPTH RECLAMATION & AST OPERATIONS ON MAPS #12 & #22.

FINAL COMPLETION NOV 15 2017

	$ TOTALS	% DIFF
BLYTHE BROTHERS ASPHALT CO LLC CHARLOTTE, NC	7,229,832.34	+13.1
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	7,357,077.22	+15.1
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	7,533,392.90	+17.9

C203886

2016CPT.10.22.10601.1, 2016CPT.10.22.10601.2, 2016CPT.10.22.10601.3, 2016CPT.10.22.10601.4, 2016CPT.10.22.10601.5, 2016CPT.10.22.20601.1, 2016CPT.10.22.20601.2, 2016CPT.10.22.20601.3, 2016CPT.10.22.20601.4, 2016CPT.10.22.20601.5, 2016CPT.10.22.20601.6

STATE FUNDED

MECKLENBURG

PROPOSAL LENGTH 18.110 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF NC-16 & NC-51, 11 SECTIONS OF SECONDARY ROADS, AND 1 REST AREA.

EST CONST PROGRESS.... FY-2017..83% OF BID
FY-2018..17% OF BID

RPN 017 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%

ESTIMATE 5,306,326.58

DATE AVAILABLE AUG 01 2016

FINAL COMPLETION NOV 15 2017

	$ TOTALS	% DIFF
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	5,956,630.24	+12.3
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	6,820,223.61	+28.5

C203768
42256.3.FD1
BRZ-1557(2)
WATAUGA
B-5118

PROPOSAL LENGTH 0.066 MILES

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

LOCATION BRIDGE #55 OVER LANCE CREEK ON SR-1557.

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

RPN 018 4 BIDDER(S) DBE GOAL 5.00 %

ESTIMATE 691,972.05

DATE AVAILABLE OCT 17 2016

INTER COMPLETION MAY 01 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
JAN 15 2017 COMPLETE ALL WORK REQUIRED OF PHASE II

FINAL COMPLETION OCT 28 2017

	$ TOTALS	% DIFF
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	717,449.25	+3.7
SUMMERS-TAYLOR, INC. ELIZABETHTON, TN	742,338.56	+7.3
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	944,143.35	+36.4
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,039,468.90	+50.2

C203809
38538.3.1
STATE FUNDED
IREDELL
B-4766

PROPOSAL LENGTH 0.145 MILES

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

LOCATION BRIDGE #69 OVER ROCKY CREEK ON NC-115.

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

RPN 019 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 1,413,562.73

DATE AVAILABLE AUG 15 2016
INTER COMPLETION JUN 01 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION NOV 28 2017

	$ TOTALS	% DIFF
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,483,127.90	+4.9
SMITH-ROWE, LLC MOUNT AIRY, NC	1,490,633.23	+5.5
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	1,583,987.56	+12.1
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	1,591,404.48	+12.6
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	1,640,028.25	+16.0

C203662
42303.3.FD1
BRZ-1302(41)
IREDELL
B-5142

PROPOSAL LENGTH 0.443 MILES

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

LOCATION BRIDGE #57 OVER CORNELIUS CREEK AND APPROACHES ON SR-1302.

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

RPN 020 4 BIDDER(S) DBE GOAL 11.00 %

ESTIMATE 3,810,706.93

DATE AVAILABLE AUG 01 2016
INTER COMPLETION NOV 01 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION APR 30 2018

	$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	5,023,058.45	+31.8
LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC. PINEVILLE, NC	5,102,658.63	+33.9
HRI INC DBA HRI BRIDGE COMPANY STATE COLLEGE, PA	5,586,886.74	+46.6
DANE CONSTRUCTION, INC. MOORESVILLE, NC	6,637,536.24	+74.2

C203769
46125.3.1
BRZ-1367(3)
JACKSON
B-5410

PROPOSAL LENGTH 0.125 MILES

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

LOCATION BRIDGE #221 OVER LITTLE SAVANNAH CREEK ON SR-1367.

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

RPN 021 3 BIDDER(S) DBE GOAL 5.00 %

ESTIMATE 868,439.20

DATE AVAILABLE AUG 01 2016
INTER COMPLETION JUL 01 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION DEC 28 2017

	$ TOTALS	% DIFF
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	817,511.70	-5.9
MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	879,596.85	+1.3
BUCKEYE BRIDGE, LLC CANTON, NC	889,779.65	+2.5

ESTIMATE TOTAL	169,288,830.9	
LETTING TOTAL	172,799,859.77	+2.1

NCDOT July 2016
Board of Transportation Agenda

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

Professional Services Management

Technical Services

Roadway Design
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.

DIVISION 2

Project:	35781.1.2 (U-3315) Pitt County Greenville – Stantonsburg Road-Tenth Street Connector from US/NC11 (Memorial Drive) to SR 1702 (Evans Street)
Scope of Work:	Roadway Design, Hydraulic Design, Location and Surveys, Landscape Design, and Lighting Design
Estimated Construction Cost:	$35,700,000.00
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC
Original Engineering Fee:	$ 576,697.12
Previous Supplemental Fee:	$1,020,150.29
Supplemental Fee:	$ 86,453.62
Supplemental Work:	Preparing additional data sheets for right of way and permanent monumentation, including staking additional R/W and permanent easement monuments, as requested by NCDOT
SPSF Utilization:	Rivers & Associates, Inc. $7,613.54 8.81%

DIVISION 3

Project:	41582.1.1 (R-5021) Brunswick County NC 211 from SR 1500 (Midway Road) to NC 87
Scope of Work:	Roadway and Hydraulic Design
Estimated Construction Cost:	$58,200,000
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee:	$452,507.05
Previous Supplemental Fee:	$172,338.75
Supplemental Fee:	$ 38,256.84
Supplemental Work:	Additional roadway and hydraulic design work due to additional bridge over CP&L Canal and wetland delineation change on the Mirasol property
SPSF Utilization:	0%

DIVISION 6

Project:	39049.1.1 (U-4405) Cumberland County Fayetteville – US 401 (Raeford Road) from west of Hampton Oaks Drive to east of Fairway Drive
Scope of Work:	Hydraulic Design
Estimated Construction Cost:	$38,300,000.00
Firm:	Atkins North America, Inc., Raleigh NC
Original Engineering Fee:	$522,078.52
Previous Supplemental Fee:	$ 77,344.52
Supplemental Fee:	$ 30,625.06
Supplemental Work:	Drainage design revisions on -RPB- and addition of noise wall along -RPB- (800 feet +/-); drainage revisions made to -SR1-, -SR2-, and -SR3- (1400 feet), drainage design revisions at bus turnout removals; utility coordination meetings (4), review multiple utility conflicts and adjust drainage design to minimize replacement of particular sewer line; Coordination with City of Fayetteville to address City drainage issues, drainage design changes made at Banyan Road
SPSF Utilization:	0%

DIVISION 11

Project:	34518.1.3 (R-2915B) Ashe County US 221 from SR 1003 (Idlewild Road) to north of South Fork New River
Scope of Work:	Roadway and Hydraulic Design
Estimated Construction Cost:	$28,900,000.00
Firm:	CDM Smith, Inc., Raleigh, NC
Original Engineering Fee:	$293,979.50
Previous Supplemental Fee:	$ 8,665.61
Supplemental Fee:	$ 13,623.20
Supplemental Work:	Re-aligning DR1 and DR2, per the Division's Request
SPSF Utilization:	0%

Hydraulics

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:	2015 Hydraulics LSC
Firm:	URS Corporation North Carolina, Morrisville, NC
Original Engineering Fee:	$250,000.00
Supplemental Fee:	$500,000.00
SPSF Utilization:	0%

Transit

Rail

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

DIVISION 5

Project:	44643.1.1 (P-5707) Wake County CSX S Line, Construct Grade Separation at Rogers Road Extension Crossing (633905Y) in Wake Forest
Scope of Work:	Roadway, Track and Structure Design Services
Estimated Construction Cost:	$9,000,000.00
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	$2,000,000.00
SPSF Utilization:	0%

DIVISION 10

Project:	44475.1.2 (P-5705B) Mecklenburg County Charlotte Gateway Station (STI)
Scope of Work:	Track and Structure Design Services
Estimated Construction Cost:	$53,000,000.00
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	$3,000,000.00
SPSF Utilization:	Hinde Engineering, Inc. $150,000.00 5%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. $150,000.00 5%

Aviation

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

STATEWIDE

Description of Work:	2012 General Aviation LSC
Firm:	CH2M Hill, Inc., Raleigh, NC
Original Engineering Fee:	$1,000,000.00
Supplemental Fee:	$1,000,000.00
SPSF Utilization:	Richard Catlin & Associates, Inc. $50,000.00 5%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. $50,000.00 5%

Deputy Chief Engineer

Transportation Asset Analytics
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 Highway Asset Inventory and Assessment on an as needed basis for various federal-aid and state funded projects to support Transportation Asset Analytics. These contracts will expire two (2) years (with up to three (3) one-year renewals) after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	Volkert, Inc., Birmingham, Alabama
Maximum Engineering Fee:	$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	$2,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	A. Morton Thomas & Associates, Inc., Raleigh, NC
Maximum Engineering Fee:	$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	Mattern & Craig, Inc., Asheville, NC
Maximum Engineering Fee:	$500,000.00
SPSF Utilization:	100%
Description of Work:	2016 Highway Asset Inventory and Assessments Contract
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC
Maximum Engineering Fee:	$500,000.00
SPSF Utilization:	100%

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 projects. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are information only.

STATEWIDE

Description of Work:	Utility Coordination Services
Firm:	Cardno, Inc., Charlotte, NC
Original Engineering Fee:	$300,000.00
Previous Supplemental Fee:	$250,000.00
Supplemental Fee:	$100,000.00
SPSF Utilization:	0%

Description of Work:	Utility Coordination Services
Firm:	KCI Associates of North Carolina, PA, Raleigh, NC
Original Engineering Fee:	$300,000.00
Previous Supplemental Fee:	$250,000.00
Supplemental Fee:	$100,000.00
SPSF Utilization:	0%

NCDOT July 2016 Board of Transportation Agenda

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

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No./ Road Name	Description	Amount
Watauga Div. 11	SR 1353 Hardin Road	GDB&P. WBS 11C.095122	$25,000.00
Gaston Div. 12	Weldon and Washington Street	Upgrade to Maintenance Standards. WBS 12C.036105	$12,000.00
Henderson Div. 14	SR 1573 Kyles Creek Road	GDB&P. Increase Funds. WBS 14C.045164	$15,311.42
Transylvania Div. 14	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 14C.088023	$53,293.03
Transylvania Div. 14	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 14C.088024	$200,000.00
Transylvania Div. 14	SR 1301 Cold Mountain Road	GDB&P. Increase Funds. WBS 14C.088064	$1,700.00
Transylvania Div. 14	SR 1350 Pinnacle Road	GDB&P. Increase Funds. WBS 14C.088083	$100,000.00

Corrections:
June 2016 BOT Agenda listed 11C.061015. It should be 13C.061015.
June 2016 BOT Agenda 14C.044101 was incorrectly listed in Division 13.

July 2016 Item E Summary:

5	**Projects to Increase Funds**	**Amount:**	**$370,304.45**
2	**Projects to Establish Funds**	**Amount:**	**$37,000.00**
0	**Projects to Increase and Close**	**Amount:**	**$0.00**
0	**Projects to Delete**	**Amount:**	**-$0.00**

NCDOT July 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Currituck	51099		**Cypress Landing Subdivision**	5/4/16
		0.09	Tristan Way	
		0.47	Cypress Landing Drive	
		0.31	Northwest River Drive	
Division 2				
Craven	51100		**Lynwood Highlands Subdivision**	12/3/15
		0.18	Palisades Way, SR 2014 Ext	
		0.23	Lynden Lane	
		0.05	Quincy Court	
Division 4				
Johnston	51101		**Corinth Crossing Subdivision**	4/11/16
		0.22	Sunbury Court	
Division 5				
Durham	51102		**Hunter Hills Subdivision**	6/3/16
		0.26	Swisswood Drive	
Granville	51103		**Preserve at Smith Creek Subdivision**	5/10/16
		0.06	Smith Creek Way, SR 1800 Ext.	
		0.28	Garner Terrace Way	
		0.17	Old Still Way	
		0.17	Cotton Field Court	
Vance	51104		**East View Farms Subdivision**	5/24/16
		0.08	Pin Oak Circle	
Wake	51105		**Braxton Pointe Subdivision**	5/15/16
		0.22	Overdale Lane, SR 5365, Ext.	
		0.09	Wynne Trace Court	
		0.15	Farthingale Court	
Division 6				
Cumberland	51106		**Cypress Glen Subdivision**	5/13/16
		0.09	Cypress Glen Road	
Harnett	51107		**Tirzah Village Subdivision**	4/15/16
		0.06	Tirzah Drive, SR 1337 Ext.	
Harnett	51108		**Regal Crest Subdivision**	4/26/16
		0.28	Regal Crest Drive	

NCDOT June 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 6				
Harnett	51109		**Nature's Crossroads Subdivision**	5/18/16
		0.25	Red Bird Drive	
Division 7				
Orange	51110		**Chancellors View Subdivision**	2/18/16
		0.24	Founders Ridge Drive	
Division 9				
Forsyth	51111		**Quail Hollow Subdivision**	5/26/16
		0.04	Highridge Road, SR 4307 Ext.	
		0.05	High Ridge Court	
		0.20	Longreen Drive, SR 4308 Ext.	
		0.05	Quail Hunt Circle	
Forsyth	51112		**Covington Place Subdivision**	5/23/16
		0.03	Blackbird Court	
Forsyth	51113		**Aspen Forest Subdivision**	5/23/16
		0.18	Ellworth Ridge Drive, SR 4482 Ext.	
Division 12				
Catawba	51114		**Carolina Point Subdivision**	5/12/16
		0.13	54th Avenue NE, SR 1652 Ext.	
Gaston	51115		**Abbington Subdivision**	5/19/15
		0.03	Gatwick Circle	
		0.05	Stratford Glen	
Iredell	51116		**Highland Ridge Subdivision**	6/11/15
		0.22	Nesting Quail Lane	
Iredell	51117	0.19	Tonewood Street	5/27/16
Lincoln	51118		**The Ranches at Beth Haven Subdivision**	5/19/16
		0.24	Havencrest Drive	
		0.14	Bethshire Lane	
		0.11	Ridgemont Drive	
Division 13				
Buncombe	51119		**Swannanoa Habitat Subdivision**	5/17/16
		0.07	Nolan Field Lane	

NCDOT June 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 13				
Rutherford	51120	0.21	Fleece Lane	5/6/16
Division 14				
Henderson	51121		**Ravenwood Meadows Subdivision**	1/4/16
		0.10	Tupelo Drive	
Henderson	51122		**The Sanctuary at Mills River Subdivision**	4/1/16
		0.30	Promised Ridge Drive	

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 7				
Rockingham	51123	0.17	Portion of SR 2190 Danbury Bridge Road	2/26/16
Division 8				
Randolph	51124	0.09	Portion of SR 1168 Bingham Loflin Road	4/22/16
Division 12				
Iredell	51125	0.07	SR 1934 Hillside Lane	5/31/16

CORRECTIONS:
Division 5, Wake County Petition Number 51097 should not have been listed.

Division 8, Chatham County Petition Number 51080 should not have been listed.

Division 11, Caldwell County Petition Number 51090 correct mileages should be: Crystal Falls Avenue 0.17, Rio De Luna 0.70, Luna Point 0.05 and Crystal Cove place 0.04.

Summary: **Number of Roads Petitioned for Addition – 39**
Number of Roads Petitioned for Abandonment – 3

June 30, 2016

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

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

County	Description	Type	Amount
Div 2 Carteret	Town of Beaufort – Construct & pave driveway access for Beaufort Fire Dept located on Live Oak St WBS 48124	Public Access TOTAL	$25,000.00 $25,000.00
Div 6 Cumberland	WBS 44412 was established (05/15) for construction of turn lanes on SR 1714 (River Rd) at the new intersection created by the relocation of SR 1730 (Underwood Rd) Increase funds	Econ Development TOTAL	$250,000.00 $250,000.00
Div 7 Guilford	City of Greensboro – Safety improvements along SR 1129 (Groometown Rd) between the I-85 collector ramp and the SR 3314 (Wiley Davis Rd) intersection WBS 44827	Contingency TOTAL	$157,500.00 $157,500.00
Div 12 Catawba	City of Claremont – Grade, drain, base, & pave approximately 1,400 ft of industrial access road for new industrial facility; Project Longbow WBS 45858	Econ Development TOTAL	$375,000.00 $275,000.00
Div 14 Cherokee	Pave driveway access to Hiwassee Dam Volunteer Fire Dept located on Hwy 294 WBS 44832	Public Access TOTAL	$25,000.00 $25,000.00
Div 14 Cherokee	Pave driveway access to bays at Hiwassee Dam Rescue Squad WBS 44846	Public Access TOTAL	$25,000.00 $25,000.00

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

Summary:	**Number of Projects**	**6**	
	Number of Divisions	**5**	
	Small Construction Commitment		**$0.00**
	Public Access Commitment		**$75,000.00**
	Contingency Commitment		**$157,500.00**
	Economic Development		**$625,000.00**
		TOTAL	**$857,500.00**

Highway Division #	5307 Program - Operating Funding	Estimated Project Cost	
9	**17-SU-026** - The NCDOT will be applying for 5307 Funds from the Governor's Allocation of Small Urban 5307 funds for operating assistance. Funds will be provided to the Davidson County Transportation System for operating service associated with the High Point Urban Area.	$180,000 $90,000 $0 $90,000	Total Federal State Local
7	**17-SU-049** - The NCDOT will be applying for 5307 Funds from the Governor's Allocation of Small Urban 5307 funds for operating assistance. Funds will be provided to the Guilford County Transportation System for operating service associated with the High Point Urban Area.	$70,000 $35,000 $0 $35,000	Total Federal State Local
7	**17-SU-041** - The NCDOT will be applying for 5307 Funds from the Governor's Allocation of Small Urban 5307 funds for operating assistance. Funds will be provided to the Alamance County Transportation System for operating service associated with the Burlington Urban Area.	$641,838 $320,919 $0 $320,919	Total Federal State Local
7	**17-SU-056A** - The NCDOT will be applying for 5307 Funds from the Governor's Allocation of Small Urban 5307 funds for operating assistance. Funds will be provided to the Orange County Public Transportation System for operating service associated with the Burlington Urban Area.	$93,738 $46,869 $0 $46,869	Total Federal State Local
7	**17-LU-056B** - The NCDOT will be applying for 5307 Funds from the Allocation to the Durham Chapel Hill Carrboro Urban Area for operating assistance. Funds will be provided to the Orange County Public Transportation System for operating service associated with the Durham Chapel Hill Carrboro Urban Area.	$129,774 $64,887 $0 $64,887	Total Federal State Local

Highway Division #	Statewide CMAQ	Estimated Project Cost	
10	**17-CQ-907 CCCP Community Trust** will use funds to develop and implement a comprehensive marketing, outreach, and promotional strategy to encourage bicycling to, from and around the City of Charlotte's urban core. The period of performance is 7/1/2016-6/30/2018.	$126,177 $100,941 $6,309 $18,927	Total Federal State Local
7	**17-CQ-12A Piedmont Authority for Regional Transportation** will use funds to incorporate a telematics system in their fleet vehicles as a means to track vanpool usage and VMT reduction as well as provide incentives to users of vanpool programs. The period of performance is 7/1/2016-6/30/2018	$305,506 $244,404 $30,551 $30,551	Total Federal State Local

7	**17-CQ-12B Piedmont Authority for Regional Transportation** will use funds to incentivize formal carpool groups to report their trips as a means to encourage use and to better track VMT reduction by these programs. The period of performance is 7/1/2016-6/30/2018.	$55,204 $44,163 $5,520 $5,521	Total Federal State Local
5, 7	**17-CQ-118 Research Triangle Regional Public Transportation Authority** will use funds to implement a project to study mobility-on-demand options for last-mile transit connections in Research Triangle Park. The period of performance is 7/1/2016-6/30/2018.	$150,000 $120,000 $15,000 $15,000	Total Federal State Local
10	**17-CQ-906 Sustain Charlotte Inc** will use funds use neighborhood-based, point-of-origin trip demand reductions utilizing smart city/internet of things technologies to enable near real-time communications and outreach. The period of performance is 7/1/2016-6/30/2017.	$60,000 $48,000 $6,000 $6,000	Total Federal State Local
5, 7	**17-CQ-901 Triangle J Council of Governments** will use funds to develop a Teleworking Toolkit, which will provide tangible resources for organizations to implement effective and regionally focused telework programs. The period of performance is 7/1/2016-6/30/2018.	$90,619 $72,485 $9,062 $9,072	Total Federal State Local

Item I - 1, 11 Projects, Total Federal/State Funds $ 1,260,110

ADDITIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5218	GoTriangle (CAMPO)	Purchase of Replacement Paratransit Vehicles (3) and Related Equipment	FUZ	5307		226					
			State	S		28					
			Local	L		28					
TA-5219	GoTriangle (CAMPO)	Purchase of Replacement Buses (5)	FUZ	5307		1,880					
			State	S		235					
			Local	L		235					
TA-5201	GoTriangle (CAMPO)	Purchase of Replacement Bus (1) and Vanpool Vehicles (5)	FBUS	5339		502					
			State	S		63					
			Local	L		63					
TD-5278	GoTriangle (CAMPO)	Facility Maintenance and Operations Center Mezzanine Project – Design,Engineering, and Construction	FUZ	5307		72	85	243			
			State	S		9	11	30			
			Local	L		9	11	30			
TA-5202	GoRaleigh	ADA Expansion Bus	FUZ	5307	240	240	240				
			L	L	188	188	188				
			FBUS	5339	240	240	240	240	240		
			L	L	188	188	188	188	188		
TG-4806	C-Tran	Preventive Maintenance, bus facilities, support equipment, and software	FUZ	5307	300	300	300	300	300		
			Local	L	75	75	75	75	75		
			FBUS	5339	480	175	180	185	190		
			Local	L	120	45	45	50	50		
TT-5209	GoRaleigh	Computer Aided Dispatch and Bus Tracking system	5307	STPDA		1,069					
			Local	L		267					
TD-4943	GoRaleigh	Facility Transit Center – Moore Square Station Expansion	FUZ	5307	1,400						
			Local	L	350						
TD-5274	GoRaleigh	Facility – Paratransit-Renovation, GoRaleigh/Wake Coordinated	FBUS	5339	1,650	850					
			Local	L	413	213					

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TG-4792B	GoRaleigh	ADA Paratransit Service	FUZ	5307	750	750	750	750	750		
			Local	L	188	188	188	188	188		
TG-4935A	C-Tran	Routine Capital – Cost of Contracting	FUZ	5307	1,700	1,800	1,900	1,950	2,000		
			Local	L	2,720	2,880	3,040	3,120	3,200		
			FBUS	5339	480	175	180	185	190		
			Local	L	720	265	270	280	285		
TO-5129	C-Tran	Operating Assistance	FUZ	5307	50	50	50	50	50		
			State	SMAP	195	195	200	200	210	220	220
			Local	L	50	50	50	50	50		
		CONTINUED			**FY23**						
			FUZ	5307							
			State	SMAP	230						
			Local	L							

ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TO-5126	Winston Salem Transit Authority	Operating Assistance	FUZ	5307	1,134	906	906	906	906	906	906
			Local	L	1,134	906	906	906	906	906	906
			State	SMAP	1,134	906	906	906	906	906	906
					FY 23						
		CONTINUED	FUZ	5307	906						
			Local	L	906						
			State	SMAP	906						

Item I-1A, 13 Projects, Total Federal/State funds $12,986,000

NCDOT June 2016 Board of Transportation Agenda
Rail Program

Town/County Division	Project Description	Estimated Cost
Statewide	The Rail Division requests approval to award a contract to the most responsive bidder for the refurbishment of two cab control units. The refurbished cab control units will be used in daily Piedmont passenger service. Awarded through a competitive application process, CMAQ funding has been provided by the Federal Highway Administration (FHWA) for this project not to exceed $1,835,402. The project will be paid for with 80% Federal funds and 20% state fund match. All equipment will be refurbished to meet or exceed all current Federal Railroad Administration and ADA standards. TIP No. C-5600A	$1,835,402
Division 8 Hoke County	The Rail Division requests Board approval of the reallocation of previously awarded Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from two projects (Yadkin Valley Railroad/NC Granite and Winston-Salem Southbound Railway/Leggett & Platt) due to lack of industry commitment required by the program. Funds are proposed to be used in improving an at-grade railroad crossing by installing a concrete surface to replace the existing surface on the Laurinburg & Southern Company (LRS). The crossing to be improved is 852 683V (US 401 Business – Harris Avenue in Raeford). LRS will provide the necessary labor to install the materials at no cost to the Department. The total estimated cost to the Rail Division is $60,000.	$60,000
Division 14 Swain County	The Rail Division requests Board approval of the reallocation of previously awarded Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from the Reliance Packaging project and a partial reallocation from the Norfolk Southern /Agrium project due to lack of industry commitment required by the program. Funds are proposed to be used in improving an at-grade railroad crossing by installing a concrete surface to replace the existing surface on the Great Smoky Mountain Railway (GSMR). Additional funds are needed due to the addition of crossing signal improvements needed associated with the surface improvements. The crossing to be improved is 720 196J (SR 1364 Everett Street in Bryson City). GSMR will provide the necessary labor to install the materials at no cost to the Department. The total estimated cost to the Rail Division is $45,000. The total estimated cost of the project has been revised from $190,000 to $235,000.	$45,000

ITEM I-2 SUMMARY – 3 PROJECT(S) – (TOTAL FEDERAL AND STATE) $1,940,402

NCDOT July 2016 Board of Transportation Agenda

Bike & Pedestrian Program

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the June 30, 2016 Board of Transportation meeting.	

ITEM I-3 SUMMARY – NO PROJECTS

NCDOT July 2016 Board of Transportation Agenda

Aviation Program

Division **Airport**	**Project Title** Project Description [Partner Connect #]	**Estimated** **Cost**
Division 2 Kinston Regional Jetport at Stallings Field	**RELOCATE ELECTRICAL VAULT AND AIRFIELD LIGHTING IMPROVEMENTS (Grant Amendment 36237.51.9.4)** Rehabilitate failing electrical and lighting system to enhance safe operations of the airfield. Supplemental funds are needed to enhance the FAA funding already provided to complete the project. [2718]	$235,414
Division 6 Curtis L. Brown Jr. Field Airport	**NEW TERMINAL BUILDING (Construction Only)** Construction of a new terminal building to replace the existing building. The design is currently in progress. The new terminal building will meet the system plan objectives and is being designed to meet the community's aeronautical needs. [3405]	$562,500
Division 6 Fayetteville Regional Airport	**SECONDARY RUNWAY REHABILITATION AND LIGHTING (Grant Amendment 36244.27.13.1)** Runway 10-28 pavement is over 40 years old and the surface is exhibiting significant cracking which poses a safety hazard to aircraft operations. The Pavement Condition Index is 38-45 and considered poor condition. The project has been bid and additional funds are needed to complete the work. [2755]	$1,350,000

ITEM I-4 SUMMARY – 5 PROJECTS - (TOTAL STATE, FEDERAL AND LOCAL COST) $2,147,914
****Project selection and approval for award. Estimated costs are shown; only eligible costs within the project scope of work will be reimbursed.**

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

ADDITIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5221	Cape Fear Public Transportation Authority	Replacement LTV	State	S	23						
			Local	L	203						
TA-5222	Cape Fear Public Transportation Authority	Replacement LTV	FBUS	5339	300	200	200	200			
			State	S	37	25	25	25			
			Local	L	38	25	25	25			
TA-5223	Cape Fear Public Transportation Authority	Replacement Bus	FBUS	5339	1,472	1,116	1,128	1,140			
			State	S	184	139	141	143			
			Local	L	184	139	141	143			
TA-5224	Cape Fear Public Transportation Authority	Replacement Trolley	FBUS	5339					560		
			State	S					70		
			Local	L					70		
TP-5125	Cape Fear Public Transportation Authority	Planning SRTP	FUZ	5307	120						
			Local	L	30						
TQ-8019	Cape Fear Public Transportation Authority	Mobility Manager	FEPD	5310	41	41	41	41	41		
			Local	L	10	10	10	10	10		
TG-5243	Cape Fear Public Transportation Authority	Preventive Maintenance	5307	STPDA	86						
			Local	L	31						
TG-5246	Cape Fear Public Transportation Authority	ADA Compleme ntary Paratransit	5307	STPDA	265						
			Local	L	66						
TO-5215	North Carolina Department of Transportation (PTD)	Operating Fundindg for Davidson County Transportation for service in High Point Urban Area	FUZ	5307		90					
			Local	L		90					

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

TO-5216	North Carolina Department of Transportation (PTD)	Operating Funding for Guilford County Transportation for service in High Point Urban Area	FUZ	5307		35					
			Local	L		35					
TO-5217	North Carolina Department of Transportation (PTD)	Operating Funding for Orange Public Transportation for service in Burlington Urban Area	FUZ	5307		47					
			Local	L		47					
TD-5260	GoTriangle	Hillsborough Park and Ride – Planning/Design/PE	5307	STPDA		112					
			Local	L		125					
TA-5217	Apple Country Transit	Purchase Replacement Paratransit Van	FUZ	5307		35					
			Local	L		21					
TA-5220	Piedmont Authority for Regional Transportation (Winston-Salem Urban Area)	Purchase Replacement Vehicles	5307	STPDA		800					
			Local	L		200					
TA-5221	North Carolina Department of Transportation	Capital for Orange Public Transportation in the Durham Chapel Hill Carrboro Urban Area	FBUS	5339	16						
			Local	L	4						
TO-5220	North Carolina Department of Transportation	Operating Assistance for Orange Public Transportation for service in the Durham Chapel Hill Carrboro Urban Area	FUZ	5307	65						
			Local	L	65						

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TO-5214	North Carolina Department of Transportation (PTD)	Operating Funding for Alamance County Transportation in the Burlington Urban Area	FUZ	5307	321	321					
			Local	L	321	321					
TQ-6513	Cape Fear Public Transportation Authority	Operating Assistance	FEPD	5310	85	85	85	85	85		
			Local	L	85	85	85	85	85		

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

TG-5245	Cape Fear Public Transportation Authority	Preventive Maintenance	FUZ	5307	603	603	251	251	251		
			Local	L	201	201	63	63	63		

Item I-1B, 19 Projects, Total Federal/State funds $12,030,000

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Clay Co. Div. 14 R-4416 STATEWIDE	WBS 38908.1.1 Truck Climbing lane on US 64 from Chunky Gal Gap westward for 2 miles. $910,150.00 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.**	$125,000.00
ITEM J SUMMARY	**1 PROJECT**	**$125,000.00**

UPDATED 6/28/16

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Lenoir Co. Div. 2 R-5703 REGIONAL	WBS 46375.1.1 NC 148 (Harvey Parkway) from NC 58 to NC 11. $750,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	$445,000.00
Pitt Co. Div. 2 U-5917 DIVISION	WBS 44679.1.1 SR 1704 (Fourteenth Street) from Red Banks Road to SR 1708 (Firetower Road). Initial funds are requested for preliminary engineering.	$575,000.00
Wayne/ Lenoir Cos. Div. 2/4 R-2554WM STATEWIDE	WBS 34461.4.S3 US 70 (Goldsboro Bypass). $2,500,000.00 has previously been approved for wetland mitigation. Additional funds are needed for wetland mitigation. **This is a Strategic Transportation Investments Transition project.**	$4,488,486.99
Jones/ Onslow Cos. Div. 2/3 R-2514D STATEWIDE	WBS 34442.2.SU5 US 17 from North of NC 58 to the New Bern Bypass. $6,000,000.00 has previously been approved for utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. **This is a Strategic Transportation Investments Transition project.**	$210,000.00
Jones/ Onslow Cos. Div. 2/3 R-2514WM STATEWIDE	WBS 34442.4.2 US 17 (North of Jacksonville) from SR 1327/SR 1410 (Kellum Loop Road) to SR 1330/SR 1439 (Deppe Loop Road/Spring Hill Road) South of Belgrade. Initial funds are requested for wetland mitigation. **This is a Strategic Transportation Investments Transition project**	$5,076,743.74

UPDATED 6/28/16

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pender Co. Div. 3 B-4929 REGIONAL	WBS 40233.3.1 Replace Bridge #16 over the Intracoastal Waterway on NC 50/210. Initial funds are requested for construction.	$46,000,000.00
Wayne Co. Div. 4 AV-5740 DIVISION	WBS 46334.1.1 Wayne Executive Jetport, (GWW), Land Acquisition. Initial funds are requested for preliminary engineering.	$30,000.00
Wayne Co. Div. 4 U-3125 DIVISION	WBS 38991.1.1 US 117 from NC 55 to US 117 relocation. Initial funds are requested for preliminary engineering.	$1,000,000.00
Durham/ Durham Co. Div. 5 U-0071WM STATEWIDE	WBS 34745.4.2 East End Connector, NC 147 (Durham Freeway) to North of NC 98 in Durham. Initial funds are requested for wetland mitigation. **This is a Strategic Transportation Investments Transition project.**	$5,412.14
Durham Co. Div. 5 U-4716BA DIVISION	WBS 39080.3.4 Traffic signal at Keystone Park Drive and Hopson Road. Initial funds are requested for construction.	$120,000.00

UPDATED 6/28/16

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 B-5940 STATEWIDE	WBS 46485.3.1 US 70 / NC 50 (Glenwood Avenue). Rehabilitate Bridges # 84 and #91 over Crabtree Creek in Raleigh. Initial funds are requested for construction.	$1,275,500.00
Wake Co. Div. 5 P-5602B STATEWIDE	WBS 46393.1.2 CSX - Durham/Apex/Cary Rail study. $50,000.00 has previously been approved for preliminary engineering. Funds need to decreased ($50,000.00). WBS will be closed.	-$50,000.00
Wake Co. Div. 5 R-2635WM STATEWIDE	WBS 35520.4.1 Triangle Expressway (Western Wake Freeway / Raleigh Outer Loop) from NC 55 (South) to NC 55 (North). Initial funds are requested for wetland mitigation.	$271,744.07
Cumberland Co. Div. 6 U-5101 DIVISION	WBS 41899.1.1 SR 1437 (Shaw Road)/ SR 1614 (Shaw Mill Road)/ SR 1615 (Rosehill Road - Stacey Weaver Drive) from US 401 (Ramsey Street) to NC 210 (Murchison Road). Initial funds are requested for preliminary engineering.	$500,000.00
Robeson Co. Div. 6 B-5693 DIVISION	WBS 45647.3.1 Replace Bridge #59 over Big Marsh Swamp on SR 1924 (Currie Road). Initial funds are requested for construction.	$1,320,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pembroke/ Robeson Co. Div. 6 P-4900 STATEWIDE	WBS 41099.2.S1 Railroad Bypass of Pembroke to allow North to South shipments to turn East. $1,500,000.00 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.**	$300,000.00
Pembroke/ Robeson Co. Div. 6 P-4900B STATEWIDE	WBS 41099.3.3 Railroad Bypass of Pembroke to allow North to South shipments to turn East. Realign SR 1571 (Jones Road) to accommodate railroad track realignment. $805,125.00 has previously been approved for construction. Additional funds are requested. **This is a Strategic Transportation Investments Transition project.**	$320,400.00
Guilford Co. Div. 7 P-5602G STATEWIDE	WBS 46393.1.7 Hilltop Road. Grade separation over the NCRR in Greensboro. $200,000.00 has previously been approved for preliminary engineering. Funds need to be decreased ($199,377.90). WBS will be closed.	-$199,377.90
Guilford/ Rockingham Co. Div. 7 R-2413WM STATEWIDE	WBS 34429.4.1 Future I-73 from NC 68 at SR 2011 (Edgefield Road) in Guilford County to US 220-NC 68 Intersection in Rockingham County. Initial funds are requested for wetland mitigation. **This is a Strategic Transportation Investments Transition project.**	$5,425,149.47
Forsyth Co. Div. 9 U-2579WM STATEWIDE	WBS 34839.4.1 Winston-Salem Northern Beltway Eastern Section (Future I-74) from US 52 to US 311. Initial funds are requested for wetland mitigation.	$6,855,677.92

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Weddington/ Union Co. Div. 10 U-3467 REGIONAL	WBS 39019.2.5 NC 84 from NC 16 to SR 1008 (Waxhaw-Indian Trail Road) in Wesley Chapel. Initial funds are requested for appraisal of Specific Parcel 900.	$25,000.00
Wilkes Co. Div. 11 R-2603WM STATEWIDE	WBS 36001.4.1 NC 268 from NC 18 to SR 1966 (Airport Road). Initial funds are requested for wetland mitigation. **This is a Strategic Transportation Investments Transition project**.	$20,648.29
Yancey/ Mitchell Cos. Div. 13 R-2519WM STATEWIDE	WBS 35609.4.1 US 19E from SR 1336 (Jack's Creek Road) to multi-lane section west of Spruce Pine. Initial funds are requested for wetland mitigation. **This is a Strategic Transportation Investments Transition project**.	$4,406,012.26
Haywood Co. Div. 14 U-5839 DIVISION	WBS 50230.1.1 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). $250,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	$200,000.00
Statewide P-5602I STATEWIDE	WBS 46393.1.9 Development of rail infrastructure and safety projects for further Strategic Transportation Investments prioritization to accommodate improved intermodal connections between inland terminals, ports, military installations, and other rail users to support the diversion of freight traffic from highway to rail. Initial funds are requested for preliminary engineering.	$350,000.00

UPDATED 6/28/16

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	15 PROJECTS	$28,756,396.98
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	3 PROJECTS	$46,470,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	7 PROJECTS	$3,745,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	**25 PROJECTS**	**$78,971,396.98**

June 30, 2016

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Divisionwide Div. 1 EE-4901 DIVISION	WBS 45001.4.1 Ecosystems Enhancement Program. $20,733,571.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustment.	$1,221,448.40
Divisionwide Div. 2 EE-4902 DIVISION	WBS 45002.4.1 Ecosystems Enhancement Program. $2,591,302.00 has previously been approved for project mitigation. Funds need to be decreased ($1,148,253.29)…($514,080.35 is being reduced from Intrastate funds) for SFY 16 adjustment.	-$1,148,253.29
Jones Co. Div. 2 R-2514C STATEWIDE	WBS 34442.2.4 US 17 from North of Maysville to South of NC 58 near Pollocksville. $9,707,398.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. **This is a Strategic Transportation Investments Transition project**.	$130,000.00
Divisionwide Div. 3 EE-4903 DIVISION	WBS 45003.4.1 Ecosystems Enhancement Program. $5,110,884.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustment.	$260,353.78
Divisionwide Div. 4 EE-4904 DIVISION	WBS 45004.4.1 Ecosystems Enhancement Program. $22,541,158.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustment.	$1,319,670.06

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Divisionwide Div. 5 EE-4905 DIVISION	WBS 45005.4.1 Ecosystems Enhancement Program. $20,280,733.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustment.	$119,343.43
Divisionwide Div. 6 EE-4906 DIVISION	WBS 45006.4.1 Ecosystems Enhancement Program. $14,442,181.00 has previously been approved for project mitigation. Funds need to be decreased ($525,900.46) for SFY 16 adjustment.	-$525,900.46
Divisionwide Div. 7 EE-4907 DIVISION	WBS 45007.4.1 Ecosystems Enhancement Program. $20,845,631.00 has previously been approved for project mitigation. Funds need to be decreased ($821,623.00) for SFY 16 adjustment.	-$821,623.00
Divisionwide Div. 8 EE-4908 DIVISION	WBS 45008.4.1 Ecosystems Enhancement Program. $30,305,987.00 has previously been approved for project mitigation. Funds need to be decreased ($190,329.02) for SFY 16 adjustment.	-$190,329.02
Divisionwide Div. 9 EE-4909 DIVISION	WBS 45009.4.1 Ecosystems Enhancement Program. $17,176,024.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustments.	$1,237,780.76

NCDOT July 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Intrastate System

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Divisionwide Div. 10 EE-4910 DIVISION	WBS 45010.4.1 Ecosystems Enhancement Program. $30,397,733.00 has previously been approved for project mitigation. Funds need to be decreased ($6,215.36) for SFY 16 adjustment.	-$6,215.36
Avery/ Watauga Cos. Div. 11 R-2566 STATEWIDE	WBS 37512.1.1 NC 105 from US 221 to SR 1107 (NC 105 Bypass) in Boone. $3,022,425.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	$140,000.00
Divisionwide Div. 11 EE-4911 DIVISION	WBS 45011.4.1 Ecosystems Enhancement Program. $19,477,337.00 has previously been approved for project mitigation Funds need to be decreased ($43,760.24)....(all funds are being reduced from Intrastate funds) for SFY 16 adjustment.	-$43,760.24
Divisionwide Div. 13 EE-4913 DIVISION	WBS 45013.4.1 Ecosystems Enhancement Program. $32,260,047.00 has previously been approved for project mitigation. Funds need to be decreased ($1,757,801.00) for SFY 16 adjustment.	-$1,757,801.00
Divisionwide Div. 14 EE-4914 DIVISION	WBS 45014.4.1 Ecosystems Enhancement Program. $26,171,939.00 has previously been approved for project mitigation. Additional funds are needed for SFY16 adjustment.	$768.30

TRUST FUND INTRASTATE SUMMARY **15 PROJECTS** **-$64,517.64**

June 30, 2016

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Brunswick/ New Hanover Cos. Div. 3 R-2633WM STATEWIDE	WBS 34491.4.1 US 17 (Wilmington Bypass) from US 17 south of Bishop to I-40 south of Castle Hayne. $11,815,030.00 has previously been approved for wetland mitigation. Additional funds are needed for wetland mitigation.	$38,448.54
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.1.5 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). $1,090,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	$255,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579C REGIONAL	WBS 34839.2.6 Winston-Salem Northern Beltway (Eastern Section) from US 158 to US 311. $2,997,669.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	$1,160,000.00

TRUST FUND URBAN LOOP	**3 PROJECTS**	**$1,453,448.54**

STRATEGIC TRANSPORTATION INVESTMENTS	**25 PROJECTS**	**$78,971,396.98**
TRUST FUND INTRASTATE SUMMARY	**15 PROJECTS**	**-$64,517.64**
TRUST FUND URBAN LOOP	**3 PROJECTS**	**$1,453,448.54**
SUMMARY OF FUNDS	**43 PROJECTS**	**$80,360,327.88**

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

June 30, 2016

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
Morehead City/ Carteret Co. Div. 2 SS-4902CF	WBS 44835.3.1 US 70 (Arendell Street) at 9th Street, and SR 1176 (Bridges Street) at SR 1243 (Barbour Road). Initial construction funds are needed for traffic signal revisions to include Accessible Pedestrian Signals (APS). File 02-16-001	$10,000.00
Div. 5 SS-4905DL	WBS 44836.3.1 Initial construction funds are needed for installation of solar powered markers at various locations in Division 5. File 05-16-001	$30,000.00
ITEM L SUMMARY	**2 PROJECTS**	**$40,000.00**

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

Division 1

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Divisionwide W-5601HI STATEWIDE	50138.3.218, HSIP-0017(159) Guardrail end unit upgrades multiple sections of US 17 and US 64. Funds are needed for construction for guardrail end unit upgrades.	$500,000.00 $450,000.00 $50,000.00	Cost Fed. State

Rail Program

Washington Co. Z-5400AI DIVISION	43600.3.88, HSIP-1106(015) Railway-Highway Grade Crossing Safety Project. SR 1106 (Morratock Road) at the Carolina Coastal Railroad; Crossing # 466 192H near Plymouth. Funds are needed for construction for flashers and gates.	$201,500.00 $181,350.00 $20,150.00	Cost Fed. State
Washington Co. Z-5400AI DIVISION	43600.1.88, HSIP-1106(015) Railway-Highway Grade Crossing Safety Project. SR 1106 (Morratock Road) at the Carolina Coastal Railroad; Crossing # 466 192H near Plymouth. Funds are needed for preliminary engineering.	$8,000.00 $7,200.00 $800.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4901 DIVISION	45001.4.1, EEP-000S(471) Ecosystems Enhancement Program. $20,733,571.00 has previously been approved for project mitigation. Additional funds are requested.	$140,915.00 $112,731.00 $28,184.00	Cost Fed. State

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

Division 1 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Hertford Co.	45449.2.FS1, NHF-0013(037)	$385,000.00	Cost
R-5311A	US 13 / NC 11 from west of SR 1130 (Modlin Road) to east	$308,000.00	Fed.
STATEWIDE	of NC 11 / SR 1312 (Old NC 11 Road). Funds are needed for full right of way.	$77,000.00	State

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

Division 2

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Pitt Co. U-5606 DIVISION	45834.2.2, STP-1598(003) SR 1598 (Dickinson Avenue) from NC 11 to SR 1610 (Reade Circle). Funds are needed for full right of way and utilities.	$2,215,000.00 $1,772,000.00 $443,000.00	Cost Fed. State

Safety

Carteret Co. SS-4902CF STATEWIDE	44835.1.1, HSIP-0070(199) US 70 (Arendell Street) at 9th Street and SR 1176 (Bridges Street) at SR 1243 (Barbour Road) in Morehead City. Funds are needed for preliminary engineering.	$4,000.00 $3,600.00 $400.00	Cost Fed. State
Craven Co. W-5601BE DIVISION	50138.3.58, HSIP-1004(060) SR 1167 (Kelso/Williams Road) west of SR 1175 (Aviation Drive) toward SR 1004 (Madame Moore Lane). Funds are needed for construction for safety improvements.	$25,000.00 $22,500.00 $2,500.00	Cost Fed. State
Lenoir Co. W-5202K REGIONAL	45332.3.11, HSIP-0011(030) NC 11 from SR 1747 (Highland Avenue) / SR 1845 (Harrison Boulevard) 0.03 mile north of SR 1719 (Odham Road) in Kinston. $485,000.00 has previously been approved for construction. Additional funds are needed to construct left turn lanes.	$967,000.00 $870,300.00 $96,700.00	Cost Fed. State

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

Division 2 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Beaufort Co. Z-5400BE DIVISION	43600.1.89, HSIP-1164(006) Railway-Highway Grade Crossing Safety Project. SR 1164 (Godley Road) at CSX Transportation Tracks; Crossing #465 453C near Chocowinity. Funds are needed for preliminary engineering.	$7,500.00 $6,750.00 $750.00	Cost Fed. State
Beaufort Co. Z-5400BE DIVISION	43600.3.89, HSIP-1164(006) Railway-Highway Grade Crossing Safety Project. SR 1164 (Godley Road) at CSX Transportation Tracks; Crossing #465 453C near Chocowinity. Funds are needed for construction for flashers and gates.	$213,800.00 $192,420.00 $21,380.00	Cost Fed. State
Carteret Co. Z-5400BF DIVISION	43600.1.90, HSIP-0230(003) Railway-Highway Grade Crossing Safety Project. Main Street at Norfolk Southern Transportation Tracks; Crossing #722 663B in Newport. Funds are needed for preliminary engineering.	$20,000.00 $18,000.00 $2,000.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4902 DIVISION	45002.4.1, EEP-000S(472) Ecosystems Enhancement Program. $2,591,302.00 has previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$645,306.00 -$516,245.00 -$129,061.00	Cost Fed. State

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

Division 3

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Pender Co.	53003.3.1, NHPP-0040(019)393	$1,523,241.00	Cost
I-5722	I-40 west of SR 1318 (Camp Kirkwood Road) to east of NC 210.	$1,218,593.00	Fed.
STATEWIDE	$12,090,000.00 has previously been approved for construction. Funds need to be increased $1,523,241.00 to reflect the low bid received on February 16, 2016.	$304,648.00	State

Project Mitigation

Divisionwide	45003.4.1, EEP-000S(473)	$133,425.00	Cost
EE-4903	Ecosystems Enhancement Program. $5,110,884.00 has	$106,740.00	Fed.
DIVISION	previously been approved for project mitigation. Additional funds are requested.	$26,685.00	State

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

Division 4

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Halifax Co. I-5724 STATEWIDE	52002.3.1, NHPP-0095(23)152 I-95 from Nash County Line to SR 1226 (Bellamy Lake Road). (Combined with I-5726; I-95 from SR 1524 (Red Oak-Battleboro Road), (Milepost 143) to the Halifax County Line, (Milepost 150.9)). $5,050,000.00 has previously been approved for construction. Funds need to be increased $5,341,031.00 to reflect the low bid received on February 16, 2016.	$5,341,031.00 $4,272,825.00 $1,068,206.00	Cost Fed. State
Johnston Co. I-5723 STATEWIDE	52001.3.1, NHPP-0040(14)340 I-40 from 0.3 miles west of SR 1211 (Morgan Road) (Milepost 328.8) in Johnston County to Sampson County Line (Milepost 339.8). $3,900,000.00 has previously been approved for construction. Funds need to be increased $3,058,635.00 to reflect the low bid received on January 19, 2016.	$3,058,635.00 $2,446,908.00 $611,727.00	Cost Fed. State
Johnston Co. I-5784 STATEWIDE	53025.3.1, NHPP-0095(24)97 I-95 from SR 1162 (Black Creek Road) to 0.4 miles north of US 70 Bypass. $12,500,000.00 has previously been approved for construction. Funds need to be increased $178,436.00 to reflect the low bid received on March 15, 2016.	$178,436.00 $142,749.00 $35,687.00	Cost Fed. State
Wilson Co. I-5727 STATEWIDE	52005.3.1, NHPP-0095(22)124 I-95 south of SR 1116 (Governor Hunt Road) (Milepost 114.5) to north of SR 1309 (Bloomery Road) (Milepost 123.7). (Combined with I-5842; I-95 from 0.7 mile north of SR 1309 (Bloomery Road) to the Nash County Line). $8,750,000.00 has previously been approved for construction. Funds need to be decreased ($3,908,259.00) to reflect the low bid received on February 16, 2016.	-$3,908,259.00 -$3,126,607.00 -$781,652.00	Cost Fed. State

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

Division 4 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Edgecombe Co. B-4932 REGIONAL	40137.1.1, BRSTP-0042(019) Replace Bridge #28 over the Tar River on NC 42. $225,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	$250,000.00 $200,000.00 $50,000.00	Cost Fed. State

Safety

Halifax Co. W-5601HL REGIONAL	50138.1.221, HSIP-0043(026) NC 43 at NC 561, SR 1329 (Evans Road) and SR 1333 (Lynch Road). Funds are needed for preliminary engineering.	$5,000.00 $4,500.00 $500.00	Cost Fed. State
Johnston Co. W-5601B STATEWIDE	50138.3.3, HSIP-0070(183) US 70 at SR 2522 (Marin Livestock Road) and US 70 at SR 2314 (Pondfield Road). Construction funds are needed for safety improvements.	$1,265,000.00 $1,138,500.00 $126,500.00	Cost Fed. State
Johnston Co. W-5601HO DIVISION	50138.1.224, HSIP-1003(149) SR 1003 (Buffalo Road) between SR 1716 (Lake Wendell Road) and SR 2638 (Lake Wendell Road). Funds are needed for preliminary engineering.	$55,000.00 $49,500.00 $5,500.00	Cost Fed. State

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

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Nash Co.	50138.1.223, HSIP-0095(039)	$10,000.00	Cost
W-5601HN	I-95 at SR 1544 (Halifax Road) Overpass, Bridge #219.	$9,000.00	Fed.
STATEWIDE	Funds are needed for preliminary engineering.	$1,000.00	State
Wayne Co.	50138.1.220, HSIP-0581(029)	$5,000.00	Cost
W-5601HK	NC 581 at SR 1342 (Memorial Church Road). Funds	$4,500.00	Fed.
REGIONAL	are needed for preliminary engineering.	$500.00	State
Wayne Co.	50138.1.222, HSIP-0055(060)	$5,000.00	Cost
W-5601HM	NC 55 at SR 1948 (Camp Jubilee Road). Funds are needed	$4,500.00	Fed.
REGIONAL	for preliminary engineering.	$500.00	State

Project Mitigation

Divisionwide	45004.4.1, EEP-000S(474)	$644,570.00	Cost
EE-4904	Ecosystems Enhancement Program. $22,541,158.00 has	$515,656.00	Fed.
DIVISION	previously been approved for project mitigation. Additional funds are requested.	$128,914.00	State

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

Division 5

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Granville Co.	53027.3.1, NHPP-0085(014)	$1,905,847.00	Cost
I-5787	I-85 from north of NC 56 in Granville County to US 158 in	$1,524,678.00	Fed.
STATEWIDE	Vance County. $5,000,000.00 has previously been approved for construction. Funds need to be increased $1,905,847.00 to reflect the low bid received on January 19, 2016.	$381,169.00	State
Wake Co.	50119.1.1, NHPP-040-4(156)298	$750,000.00	Cost
I-5701	I-40 / US 64 from I-440 / US 1 / US 64 to SR 1370 (Lake	$600,000.00	Fed.
STATEWIDE	Wheeler Road). Funds are needed for preliminary engineering.	$150,000.00	State

Congestion Mitigation

Granville Co.	50106.2.F1, CMS-0519(002)	$5,000.00	Cost
C-5569	Construct sidewalk and crosswalk enhancements at	$4,000.00	Fed.
EXEMPT	various locations. Funds are needed for full right of way.	$1,000.00	Local

Urban

Wake Co.	42379.1.31, STPDA-0501(036)	$25,200.00	Cost
U-5118AF	Kelly Road at Olive Chapel Road. $40,000.00 has previously	$20,160.00	Fed.
DIVISION	been approved for preliminary engineering. Additional funds are requested.	$5,040.00	Local

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

Division 5 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Granville Co. B-5157 DIVISION	42332.3.FD1, BRZ-1304(010) Replace Bridge #178 over Fox Creek on SR 1304. $975,000.00 has previously been approved for construction. Funds need to be increased $28,275.00 to reflect the low bid received on April 19, 2016.	$28,275.00 $22,620.00 $5,655.00	Cost Fed. State

Safety

Wake Co. W-5601HP DIVISION	50138.1.225, HSIP-1375(006) SR 1375 (Lake Wheeler Road) at SR 1390 (Optimist Farm Road) / SR 1503 (Donnybrook Road). Funds are needed for preliminary engineering.	$74,000.00 $66,600.00 $7,400.00	Cost Fed. State

Rail Program

Durham Co. Y-4805N DIVISION	40325.3.61, STPRR-0505(061) Crossing closure at the intersection of SR 1820 (Beck Road) and the Norfolk Southern Railway Tracks; Crossing #731 919L. Funds are needed for construction for crossing closure.	$250,000.00 $250,000.00	Cost Fed.

Project Mitigation

Divisionwide EE-4905 DIVISION	45005.4.1, EEP-000S(475) Ecosystems Enhancement Program. $20,280,733.00 has previously been approved for project mitigation. Additional funds are requested.	$21,064.00 $16,850.00 $4,214.00	Cost Fed. State

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

Division 6

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. I-5788 STATEWIDE	53028.3.1, NHPIM-0095(018)63 Resurface I-95 north and southbound from Mile Marker 53 to Harnett / Johnston County Line. $15,900,000.00 has previously been approved for construction. Funds need to be increased $7,062,597.00 to reflect the low bid received on March 15, 2016.	$7,062,597.00 $5,650,078.00 $1,412,519.00	Cost Fed. State

Urban

Harnett Co. U-3465 DIVISION	39017.1.1, STP-1121(009) SR 1121 (Ray Road) from NC 210 to SR 1120 (Overhills Road). $2,200,000.00 has previously been approved for preliminary engineering. Additional funds are requested. **This is a Strategic Transportation Investments Transition Project.**	$482,345.00 $385,876.00 $96,469.00	Cost Fed. State

Bridge

Columbus Co. B-5331 DIVISION	46045.1.1, BRZ-1849(001) Replace Bridge #269 over Big Branch on SR 1849. $275,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	$30,805.00 $24,644.00 $6,161.00	Cost Fed. State
Cumberland Co. B-4490 STATEWIDE	33727.3.FS1, BRNHS-0024(024) Replace Bridge #116 over CSX Railroad, Norfolk Southern Railroad, and Hillsboro Street on NC 24 / 210. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2016.	$18,000,000.00 $14,400,000.00 $2,988,000.00 $612,000.00	Cost Fed. State Local

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

Division 6 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. B-4491 REGIONAL	38389.2.FR1, BRSTP-0059(005) Replace Bridge #22 over I-95 B / US 301 on NC 59. Funds are needed for full right of way.	$5,680,000.00 $4,864,000.00 $816,000.00	Cost Fed. State

Safety

Columbus Co. W-5518 STATEWIDE	43741.3.FS1, HSIP-0074(155) Construct an overpass at SR 1574 (Old US 74) over US 74. $4,000,000.00 has previously been approved for construction. Funds need to be increased $170,560.00 to reflect the low bid received on February 16, 2016.	$170,560.00 $136,448.00 $34,112.00	Cost Fed. State
Cumberland Co. W-5519 REGIONAL	45849.3.FR1, HSIP-095-2(128)46 I-95 Bus / US 301 from NC 87 south to NC 59. $4,600,000.00 has previously been approved for construction. Funds need to be increased $4,995,268.00 to reflect the low bid received on December 15, 2015.	$4,995,268.00 $3,996,214.00 $999,054.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4906 DIVISION	45006.4.1, EEP-000S(476) Ecosystems Enhancement Program. $14,442,181.00 has previously been approved for project mitigation. Decrease funds as requested.	-$431,544.00 -$345,234.00 -$86,310.00	Cost Fed. State

NCDOT July 2016 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-5309 STATEWIDE	46264.3.FS1, IMPM-040-3(134)219 I-40 / I-85 from east of the Guilford County Line to east of NC 49 (Combined with I-5836; I-40 / I-85 from 0.2 miles east of NC 49 to 0.2 miles east of NC 54 in Graham). $8,030,000.00 has previously been approved for construction. Funds need to be increased $5,731,394.00 to reflect the low bid received on March 15, 2016.	$5,731,394.00 $4,585,115.00 $1,146,279.00	Cost Fed. State
Guilford Co. I-5734A STATEWIDE	52010.1.2, NHPIM-0040(043) Bridge #384 over NC 68 on I-40. Funds are needed for preliminary engineering.	$25,000.00 $20,000.00 $5,000.00	Cost Fed. State
Guilford Co. I-5736 STATEWIDE	52018.3.1, NHPP-0074(174) I-74 / US 311 from I-40 in Forsyth County to SR 1300 (Green Road) in High Point. (Combined with I-5767; I-74 / US 311 0.7 miles east of I-40 to the Guilford County Line). $20,600,000.00 has previously been approved for construction. Funds need to be decreased ($3,406,720.00) to reflect the low bid received on February 16, 2016.	-$3,406,720.00 -$2,725,376.00 -$681,344.00	Cost Fed. State
Guilford Co. I-5790 STATEWIDE	53030.3.1, NHPIM-0085(004) I-85 from 0.2 miles north of SR 3030 (Nelson Farm Road) to 1.3 miles north of SR 3029 (Youngs Mill Road) in Greensboro (Combined with I-5855; I-85 from 0.8 miles north of SR 3505 (Pleasant Garden Road) to 0.2 miles north of SR 3039 (Nelson Farm Road)). $9,700,000.00 has previously been approved for construction. Funds need to be increased $2,212,388.00 to reflect the low bid received on March 15, 2016.	$2,212,388.00 $1,769,910.00 $442,478.00	Cost Fed. State

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

Division 7 (Continued)

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Hillsborough/ Orange Co. C-5184 EXEMPT	46243.1.1, CMS-0711(014) Riverwalk Trail-Phase III. $48,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	$49,000.00 $39,200.00 $9,800.00	Cost Fed. Local

Enhancement

Caswell Co. EB-3314E DIVISION	33935.2.5, STPEB-000S(765) Pedestrian Improvements in Yanceyville and Jamestown. $250,000.00 has previously been approved for construction. Additional funds are requested.	$100,000.00 $80,000.00 $20,000.00	Cost Fed. State

Urban

High Point/ Guilford Co. U-5169 REGIONAL	45220.2.1, NHS-0311(032) I-74/US 311 and NC 68 (Eastchester Drive) Interchange. Funds are needed for full right of way.	$3,397,000.00 $2,717,600.00 $679,400.00	Cost Fed. State

Bridge

Rockingham Co. B-5341 DIVISION	46055.3.FD1, BRSTP-1767(005) Replace Bridge #110 over Wolf Island Creek on SR 1767. $1,500,000.00 has previously been approved for construction. Funds need to be decreased ($136,929.00) to reflect the low bid received on January 19, 2016.	-$136,929.00 -$109,543.00 -$27,386.00	Cost Fed. State

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

Division 7 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Greensboro / Guilford U-5532A DIVISION	46297.1.F2, TAP-0708(069) Aycock Street and Walker Avenue Pedestrian Improvement Project. $28,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	$106,000.00 $84,800.00 $21,200.00	Cost Fed. Local

Project Mitigation

Divisionwide EE-4907 DIVISION	45007.4.1, EEP-000S(477) Ecosystems Enhancement Program. $20,845,631.00 has previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$2,676,469.00 -$2,141,175.00 -$535,294.00	Cost Fed. State

Rural

Caswell Co. R-5767 REGIONAL	44669.3.1, STP-0086(019) NC 86 from SR 1503 (Walter's Mill Road). Funds are needed for construction for left turn lane.	$388,000.00 $310,400.00 $77,600.00	Cost Fed. State
Guilford R-4436GI DIVISION	34625.2.58, STP-0040(040) Interchange of I-40 and SR 4121 (High Point Road). $170,000.00 has previously been approved for construction. Funds are needed for construction of a filtration basin to improve water quality.	$30,000.00 $24,000.00 $6,000.00	Cost Fed. State

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

Division 7 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Greensboro/ Guilford Co. EL-5101DL DIVISION	41823.2.F15, STPDA-0708(042) Project at various locations in the City of Greensboro. Funds are needed for full right of way.	$1,381,250.00 $1,105,000.00 $276,250.00	Cost Fed. Local

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

Division 8

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Randolph Co.	42286.3.FD1, BRZ-1404(012)	$60,409.00	Cost
B-5128	Replace Bridge #58 over an unnamed Tributary of the Little	$48,327.00	Fed.
DIVISION	Uwharrie River on SR 1404. $475,000.00 has previously been approved for construction. Funds need to be increased $60,409.00 to reflect the low bid received on March 15, 2016.	$12,082.00	State

Safety

Randolph Co.	50138.1.219, HSIP-000S(850)	$2,000.00	Cost
W-5601HJ	Pavement marking improvements at various locations. Funds	$1,800.00	Fed.
DIVISION	are needed for preliminary engineering.	$200.00	State

Project Mitigation

Divisionwide	45008.4.1, EEP-000S(478)	-$596,831.00	Cost
EE-4908	Ecosystems Enhancement Program. $30,305,987.00 has	-$477,466.00	Fed.
DIVISION	previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$119,365.00	State

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

Division 9

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Rowan Co. I-5741 STATEWIDE	52022.3.1, NHPP-0085(022) I-85 from US 601 to 0.5 mile south of US 52 in Salisbury. $2,271,000.00 has previously been approved for construction. Funds need to be increased $278,394.00 to reflect the low bid received on March 15, 2016.	$278,394.00 $222,715.00 $55,679.00	Cost Fed. State

Congestion Mitigation

Lexington/ Davidson Co. C-5208 EXEMPT	48019.3.F1, CMS-0911(017) Heavy Duty Hybrid Refuse Truck. $284,000.00 has previously been approved for construction. Additional funds are requested.	$6,812.00 $5,450.00 $1,362.00	Cost Fed. Local

Project Mitigation

Divisionwide EE-4909 DIVISION	45009.4.1, EEP-000S(479) Ecosystems Enhancement Program $17,176,024.00 has previously been approved for project mitigation. Additional funds are requested.	$374,656.00 $299,724.00 $74,932.00	Cost Fed. State

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

Division 10

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Charlotte/ Mecklenburg Co. C-5540 EXEMPT	51010.2.F1, CMS-1003(125) South Tryon Street, Nevin Road from Alpine Drive to Gibbon Road, Gibbon Road from Nevin Road to Sugar Creek Road, West Sugar Road from Bisaner Street and Mallard Creek Road. $223,500.00 has previously been approved for right of way. Additional funds are requested.	$86,000.00 $64,500.00 $21,500.00	Cost Fed. Local
Charlotte/ Mecklenburg Co. C-5543 EXEMPT	51013.2.F1, CMS-1003(133) I-77 Overpass on Sunset Road from I-77 to Statesville Road. $112,500.00 has previously been approved for right of way. Additional funds are requested.	$83,750.00 $67,000.00 $16,750.00	Cost Fed. Local

Bridge

Union Co. B-5243 DIVISION	42845.3.FD1, BRSTP-1008(023) Replace Bridge #258 on SR 1008 over South Fork Crooked Creek and improvement of the intersection at SR 1009 and SR 1371. $1,650,000.00 has previously been approved for construction. Funds need to be increased $555,814.00 to reflect the low bid received on January 19, 2016.	$555,814.00 $444,651.00 $111,163.00	Cost Fed. State

Safety

Cabarrus Co. W-5601HQ REGIONAL	50138.1.226, HSIP-0003(011) NC 3 and SR 1601 (Odell School Road). Funds are needed for preliminary engineering.	$20,000.00 $18,000.00 $2,000.00	Cost Fed. State

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

Division 10 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Divisionwide	45010.4.1, EEP-000S(480)	-$87,463.00	Cost
EE-4910	Ecosystems Enhancement Program. $30,397,733.00 has	-$70,166.00	Fed.
DIVISION	previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$17,297.00	State

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

Division 11

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Surry Co.	42330.3.FD1, BRZ-1328(006)	$89,534.00	Cost
B-5173	Replace Bridge #39 over Mitchell River on SR 1328.	$71,627.00	Fed.
DIVISION	$950,000.00 has previously been approved for construction. Funds need to be increased $89,534.00 to reflect the low bid received on February 16, 2016.	$17,907.00	State

Project Mitigation

Divisionwide	45011.4.1, EEP-000S(481)	-$4,798,930.00	Cost
EE-4911	Ecosystems Enhancement Program. $19,477,337.00 has	-$3,839,144.00	Fed.
DIVISION	previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$959,786.00	State

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

Division 12

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Gaston Co. I-5893 STATEWIDE	46426.3.1, NHPIM-0085(025) Pavement rehabilitation from Mile Marker 14 to Mile Marker 22. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 12, 2016.	$12,000,000.00 $9,600,000.00 $2,400,000.00	Cost Fed. State

Bridge

Catawba Co. BP-5500D STATEWIDE	50070.3.4, BRHNP-04-2(169)123 I-40 over US 321, Bridges #77, #78, #104, #106; US 70, Bridges #143 and #144; SR 1484, Bridges #171 and #172. $4,470,000.00 has previously been approved for construction. Funds need to be increased $242,289.00 to reflect the low bid received on April 19, 2016.	$242,289.00 $193,831.00 $48,458.00	Cost Fed. State

Municipal Bridge

Hickory/ Catawba Co. B-5549 DIVISION	55047.3.F1, BRSTP-1216(021) Replace Bridge #327 over Falling Creek on Falling Creek Road. Funds are needed for construction to replace municipal bridge.	$1,400,000.00 $1,120,000.00 $280,000.00	Cost Fed. Local

Project Mitigation

Divisionwide EE-4912 DIVISION	45012.4.1, EEP-000S(482) Ecosystems Enhancement Program. $14,728,762.00 has previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$516,965.00 -$416,049.00 -$100,916.00	Cost Fed. State

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

Division 12 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Iredell Co.	41890.1.D1, STP-1109(009)	-$200,000.00	Cost
R-5100	SR 1109 (Williamson Road) from I-77 to SR 1100 (Brawley	-$160,000.00	Fed.
DIVISION	School Road). $200,000.00 has previously been approved for preliminary engineering. Funds need to be decreased ($200,000.00). Project has been funded with state funds.	-$40,000.00	State

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

Division 13

Appalachian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mitchell Co. R-5528A EXEMPT	50101.3.2, APD-1129(016) SR 1129 (Henredon Road) Phase II. Funds are needed to construct an access road.	$170,000.00 $170,000.00	Cost Fed.

Bridge

Buncombe Co. B-5396 DIVISION	46111.3.FD1, BRZ-1103(024) Replace Bridge #416 over Stony Fork Creek on SR 1103. $1,000,000.00 has previously been approved for construction. Funds need to be increased $33,860.00 to reflect the low bid received on April 19, 2016.	$33,860.00 $27,088.00 $6,772.00	Cost Fed. State

Safety

Rutherford Co. W-5601DV REGIONAL	50138.3.134, HSIP-0074(184) US 74, US 74 Business, US 74 Alternate. Funds are needed for construction of guardrail improvements.	$350,000.00 $315,000.00 $35,000.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4913 DIVISION	45013.4.1, EEP-000S(483) Ecosystems Enhancement Program. $32,260,047.00 has previously been approved for project mitigation. Decrease funds as requested for project mitigation adjustment for FY 2016.	-$871,758.00 -$697,406.00 -$174,352.00	Cost Fed. State

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

Division 14

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Henderson Co. I-5758 STATEWIDE	52036.3.1, NHPP-0026(002)40 I-26 from Mile Marker 40 to Mile Marker 45 (Combined with I-5759; I-26 from Mile Marker 45 to Mile Marker 50). $11,500,000.00 has previously been approved for construction. Funds need to be increased $2,959,323.00 to reflect the low bid received on March 15, 2016.	$2,959,323.00 $2,367,458.00 $591,865.00	Cost Fed. State

Congestion Mitigation

Haywood Co. C-5202 EXEMPT	46286.1.F1, CMS-000S(639) Increase education efforts that inform visitors about the role their transportation choices have in relation to air pollution issues in the Great Smoky Mountains National Park (GSMNP). $119,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	$188,750.00 $151,000.00 $37,750.00	Cost Fed. Local

Bridge

Jackson Co. B-5404 DIVISION	46119.3.FD1, BRZ-1163(010) Replace Bridge #136 over Pine Creek on SR 1163. $800,000.00 has previously been approved for construction. Funds need to be increased $215,479.00 to reflect the low bid received on January 19, 2016.	$215,479.00 $172,383.00 $43,096.00	Cost Fed. State
Transylvania Co. B-4822 DIVISION	38592.3.FD1, BRZ-1119(004) Replace Bridge #13 over Nicholson Creek on SR 1119. $900,000.00 has previously been approved for construction. Funds need to be increased $181,797.00 to reflect the low bid received on January 19, 2016.	$181,797.00 $145,438.00 $36,359.00	Cost Fed. State

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

Division 14 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Transylvania Co. B-5403 DIVISION	46118.3.FD1, BRZ-1532(005) Replace Bridge #196 over Crab Creek on SR 1532. $850,000.00 has previously been approved for construction. Funds need to be increased $125,995.00 to reflect the low bid received on January 19, 2016.	$125,995.00 $100,796.00 $25,199.00	Cost Fed. State

Project Mitigation

Divisionwide EE-4914 DIVISION	45014.4.1, EEP-000S(484) Ecosystems Enhancement Program. $26,171,939.00 has previously been approved for project mitigation. Additional funds are requested.	$2,241.00 $1,793.00 $448.00	Cost Fed. State

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

Statewide

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	44002.1.2, CMS-000S(732)	$625,000.00	Cost
C-4902A	North Carolina State University - NC Solar Clean Fuel	$500,000.00	Fed.
EXEMPT	Advanced Technology Program-Phase III. $4,152,000.00 has previously been approved for preliminary engineering. Additional funds are needed for preliminary engineering, to develop and administer a clean fuel advanced technology rebate program-Phase III. This is a three-year clean fuel/advanced technology rebate program to reduce emissions.	$125,000.00	Local

Planning and Research

Statewide	44100.3.3, SPR-0SPR(085)	$4,922,000.00	Cost
No ID	FY 2017 Research Work Program. Funds are needed for	$3,973,600.00	Fed.
STATEWIDE	contract research.	$948,400.00	State

ITEM M SUMMARY - 86 PROJECT(S) - (TOTAL FEDERAL AND STATE) $75,964,325.00

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

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 1

* W-5701DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
CURRITUCK	LOCATIONS IN DIVISION 1.		FY 2017 -	$30,000	(HSIP)
BERTIE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
WASHINGTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
TYRRELL			FY 2017 -	$180,000	(HSIP)
PERQUIMANS			FY 2018 -	$180,000	(HSIP)
PASQUOTANK				$630,000	
NORTHAMPTON					
MARTIN					
HYDE					
HERTFORD					
GATES					
DARE					
CHOWAN					
CAMDEN					
PROJ.CATEGORY					
DIVISION					

* W-5701REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
CURRITUCK	LOCATIONS IN DIVISION 1.		FY 2017 -	$30,000	(HSIP)
BERTIE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
WASHINGTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
TYRRELL			FY 2017 -	$180,000	(HSIP)
PERQUIMANS			FY 2018 -	$180,000	(HSIP)
PASQUOTANK				$630,000	
NORTHAMPTON					
MARTIN					
HYDE					
HERTFORD					
GATES					
DARE					
CHOWAN					
CAMDEN					
PROJ.CATEGORY					
REGIONAL					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 1

* W-5701SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
CURRITUCK	LOCATIONS IN DIVISION 1.		FY 2017 -	$40,000	(HSIP)
BERTIE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
WASHINGTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
TYRRELL			FY 2017 -	$240,000	(HSIP)
PERQUIMANS			FY 2018 -	$240,000	(HSIP)
PASQUOTANK				$840,000	
NORTHAMPTON					
MARTIN					
HYDE					
HERTFORD					
GATES					
DARE					
CHOWAN					
CAMDEN					
PROJ.CATEGORY					
STATEWIDE					

DIVISION 2

* W-5702DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
PITT	LOCATIONS IN DIVISION 2.		FY 2017 -	$30,000	(HSIP)
CRAVEN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CARTERET	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
BEAUFORT			FY 2017 -	$180,000	(HSIP)
PAMLICO			FY 2018 -	$180,000	(HSIP)
LENOIR				$630,000	
JONES					
GREENE					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 2

* W-5702REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
PITT	LOCATIONS IN DIVISION 2.		FY 2017 -	$30,000	(HSIP)
CRAVEN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CARTERET	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
BEAUFORT			FY 2017 -	$180,000	(HSIP)
PAMLICO			FY 2018 -	$180,000	(HSIP)
LENOIR				$630,000	
JONES					
GREENE					
PROJ.CATEGORY					
REGIONAL					

* W-5702SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
PITT	LOCATIONS IN DIVISION 2.		FY 2017 -	$40,000	(HSIP)
CRAVEN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
CARTERET	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
BEAUFORT			FY 2017 -	$240,000	(HSIP)
PAMLICO			FY 2018 -	$240,000	(HSIP)
LENOIR				$840,000	
JONES					
GREENE					
PROJ.CATEGORY					
STATEWIDE					

DIVISION 3

* W-5703DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
SAMPSON	LOCATIONS IN DIVISION 3.		FY 2017 -	$30,000	(HSIP)
PENDER	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
ONSLOW	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
DUPLIN			FY 2017 -	$180,000	(HSIP)
NEW HANOVER			FY 2018 -	$180,000	(HSIP)
BRUNSWICK				$630,000	
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 3

* W-5703REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
SAMPSON	LOCATIONS IN DIVISION 3.		FY 2017 -	$30,000	(HSIP)
PENDER	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
ONSLOW	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
DUPLIN			FY 2017 -	$180,000	(HSIP)
NEW HANOVER			FY 2018 -	$180,000	(HSIP)
BRUNSWICK				$630,000	

PROJ.CATEGORY
REGIONAL

* W-5703SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
SAMPSON	LOCATIONS IN DIVISION 3.		FY 2017 -	$40,000	(HSIP)
PENDER	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
ONSLOW	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
DUPLIN			FY 2017 -	$240,000	(HSIP)
NEW HANOVER			FY 2018 -	$240,000	(HSIP)
BRUNSWICK				$840,000	

PROJ.CATEGORY
STATEWIDE

DIVISION 4

* W-5704DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WAYNE	LOCATIONS IN DIVISION 4.		FY 2017 -	$30,000	(HSIP)
NASH	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
JOHNSTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
EDGECOMBE			FY 2017 -	$180,000	(HSIP)
WILSON			FY 2018 -	$180,000	(HSIP)
HALIFAX				$630,000	

PROJ.CATEGORY
DIVISION

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 4

* W-5704REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WAYNE	LOCATIONS IN DIVISION 4.		FY 2017 -	$30,000	(HSIP)
NASH	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
JOHNSTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
EDGECOMBE			FY 2017 -	$180,000	(HSIP)
WILSON			FY 2018 -	$180,000	(HSIP)
HALIFAX				$630,000	
PROJ.CATEGORY					
REGIONAL					

* W-5704SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
WAYNE	LOCATIONS IN DIVISION 4.		FY 2017 -	$40,000	(HSIP)
NASH	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
JOHNSTON	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
EDGECOMBE			FY 2017 -	$240,000	(HSIP)
WILSON			FY 2018 -	$240,000	(HSIP)
HALIFAX				$840,000	
PROJ.CATEGORY					
STATEWIDE					

DIVISION 5

* W-5705DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WAKE	LOCATIONS IN DIVISION 5.		FY 2017 -	$30,000	(HSIP)
DURHAM	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
WARREN	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
VANCE			FY 2017 -	$180,000	(HSIP)
PERSON			FY 2018 -	$180,000	(HSIP)
GRANVILLE				$630,000	
FRANKLIN					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 5

* W-5705REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WAKE	LOCATIONS IN DIVISION 5.		FY 2017 -	$30,000	(HSIP)
DURHAM	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
WARREN	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
VANCE			FY 2017 -	$180,000	(HSIP)
PERSON			FY 2018 -	$180,000	(HSIP)
GRANVILLE				$630,000	
FRANKLIN					
PROJ.CATEGORY					
REGIONAL					

* W-5705SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
WAKE	LOCATIONS IN DIVISION 5.		FY 2017 -	$40,000	(HSIP)
DURHAM	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
WARREN	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
VANCE			FY 2017 -	$240,000	(HSIP)
PERSON			FY 2018 -	$240,000	(HSIP)
GRANVILLE				$840,000	
FRANKLIN					
PROJ.CATEGORY					
STATEWIDE					

DIVISION 6

* W-5706DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
ROBESON	LOCATIONS IN DIVISION 6.		FY 2017 -	$30,000	(HSIP)
HARNETT	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CUMBERLAND	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
COLUMBUS			FY 2017 -	$180,000	(HSIP)
BLADEN			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 6

* W-5706REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
ROBESON	LOCATIONS IN DIVISION 6.		FY 2017 -	$30,000	(HSIP)
HARNETT	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CUMBERLAND	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
COLUMBUS			FY 2017 -	$180,000	(HSIP)
BLADEN			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
REGIONAL					

* W-5706SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
ROBESON	LOCATIONS IN DIVISION 6.		FY 2017 -	$40,000	(HSIP)
HARNETT	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
CUMBERLAND	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
COLUMBUS			FY 2017 -	$240,000	(HSIP)
BLADEN			FY 2018 -	$240,000	(HSIP)
PROJ.CATEGORY				$840,000	
STATEWIDE					

DIVISION 7

* W-5707DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
ROCKINGHAM	LOCATIONS IN DIVISION 7.		FY 2017 -	$30,000	(HSIP)
ORANGE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
GUILFORD	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CASWELL			FY 2017 -	$180,000	(HSIP)
ALAMANCE			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 7

* W-5707REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
ROCKINGHAM	LOCATIONS IN DIVISION 7.		FY 2017 -	$30,000	(HSIP)
ORANGE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
GUILFORD	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CASWELL			FY 2017 -	$180,000	(HSIP)
ALAMANCE			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
REGIONAL					

* W-5707SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
ROCKINGHAM	LOCATIONS IN DIVISION 7.		FY 2017 -	$40,000	(HSIP)
ORANGE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
GUILFORD	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
CASWELL			FY 2017 -	$240,000	(HSIP)
ALAMANCE			FY 2018 -	$240,000	(HSIP)
PROJ.CATEGORY				$840,000	
STATEWIDE					

DIVISION 8

* W-5708DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
RANDOLPH	LOCATIONS IN DIVISION 8.		FY 2017 -	$30,000	(HSIP)
MOORE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
MONTGOMERY	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CHATHAM			FY 2017 -	$180,000	(HSIP)
SCOTLAND			FY 2018 -	$180,000	(HSIP)
RICHMOND				$630,000	
LEE					
HOKE					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 8

* W-5708REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
RANDOLPH	LOCATIONS IN DIVISION 8.		FY 2017 -	$30,000	(HSIP)
MOORE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
MONTGOMERY	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CHATHAM			FY 2017 -	$180,000	(HSIP)
SCOTLAND			FY 2018 -	$180,000	(HSIP)
RICHMOND				$630,000	
LEE					
HOKE					
PROJ.CATEGORY					
REGIONAL					

* W-5708SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
RANDOLPH	LOCATIONS IN DIVISION 8.		FY 2017 -	$40,000	(HSIP)
MOORE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
MONTGOMERY	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
CHATHAM			FY 2017 -	$240,000	(HSIP)
SCOTLAND			FY 2018 -	$240,000	(HSIP)
RICHMOND				$840,000	
LEE					
HOKE					
PROJ.CATEGORY					
STATEWIDE					

DIVISION 9

* W-5709DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
STOKES	LOCATIONS IN DIVISION 9.		FY 2017 -	$30,000	(HSIP)
ROWAN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
FORSYTH	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
DAVIE			FY 2017 -	$180,000	(HSIP)
DAVIDSON			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 9

* W-5709REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
STOKES	LOCATIONS IN DIVISION 9.		FY 2017 -	$30,000	(HSIP)
ROWAN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
FORSYTH	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
DAVIE			FY 2017 -	$180,000	(HSIP)
DAVIDSON			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
REGIONAL					

* W-5709SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
STOKES	LOCATIONS IN DIVISION 9.		FY 2017 -	$40,000	(HSIP)
ROWAN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
FORSYTH	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
DAVIE			FY 2017 -	$240,000	(HSIP)
DAVIDSON			FY 2018 -	$240,000	(HSIP)
PROJ.CATEGORY				$840,000	
STATEWIDE					

DIVISION 10

* EB-5817	CORNELIUS, MCDOWELL CREEK GREENWAY,	CONSTRUCTION	FY 2017 -	$1,200,000	(TAPDA)
MECKLENBURG	MAGNOLIA PLAZA TO WESTMORELAND ROAD.		FY 2017 -	$1,200,000	(L)
PROJ.CATEGORY	CONSTRUCT GREENWAY.			$2,400,000	
DIVISION	*ADD PROJECT AT THE REQUEST OF THE MPO.*				

* EB-5819	WAXHAW, DOWNTOWN WAXHAW PEDESTRIAN AND	CONSTRUCTION	FY 2017 -	$515,000	(TAPDA)
UNION	BICYCLE FACILITY ENHANCEMENTS.		FY 2017 -	$515,000	(L)
PROJ.CATEGORY	*ADD PROJECT AT THE REQUEST OF THE MPO.*			$1,030,000	
DIVISION					

* EB-5820	CHARLOTTE, CHARLOTTE B-CYCLE EXPANSION.	CONSTRUCTION	FY 2017 -	$675,000	(TAPDA)
MECKLENBURG	*ADD PROJECT AT THE REQUEST OF THE MPO.*		FY 2017 -	$169,000	(L)
PROJ.CATEGORY				$844,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 10

* W-5710DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
UNION	LOCATIONS IN DIVISION 10.		FY 2017 -	$30,000	(HSIP)
STANLY	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
MECKLENBURG	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CABARRUS			FY 2017 -	$180,000	(HSIP)
ANSON			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
DIVISION					

* W-5710REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
UNION	LOCATIONS IN DIVISION 10.		FY 2017 -	$30,000	(HSIP)
STANLY	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
MECKLENBURG	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CABARRUS			FY 2017 -	$180,000	(HSIP)
ANSON			FY 2018 -	$180,000	(HSIP)
PROJ.CATEGORY				$630,000	
REGIONAL					

* W-5710SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
UNION	LOCATIONS IN DIVISION 10.		FY 2017 -	$40,000	(HSIP)
STANLY	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
MECKLENBURG	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
CABARRUS			FY 2017 -	$240,000	(HSIP)
ANSON			FY 2018 -	$240,000	(HSIP)
PROJ.CATEGORY				$840,000	
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 11

* W-5711DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 11.	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WILKES			FY 2017 -	$30,000	(HSIP)
WATAUGA	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$30,000	(HSIP)
SURRY		CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CALDWELL			FY 2017 -	$180,000	(HSIP)
YADKIN			FY 2018 -	$180,000	(HSIP)
AVERY				$630,000	
ASHE					
ALLEGHANY					
PROJ.CATEGORY					
DIVISION					

* W-5711REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 11.	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
WILKES			FY 2017 -	$30,000	(HSIP)
WATAUGA	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$30,000	(HSIP)
SURRY		CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
CALDWELL			FY 2017 -	$180,000	(HSIP)
YADKIN			FY 2018 -	$180,000	(HSIP)
AVERY				$630,000	
ASHE					
ALLEGHANY					
PROJ.CATEGORY					
REGIONAL					

* W-5711SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 11.	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
WILKES			FY 2017 -	$40,000	(HSIP)
WATAUGA	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$40,000	(HSIP)
SURRY		CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
CALDWELL			FY 2017 -	$240,000	(HSIP)
YADKIN			FY 2018 -	$240,000	(HSIP)
AVERY				$840,000	
ASHE					
ALLEGHANY					
PROJ.CATEGORY					
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 12

* EB-5818	STATESVILLE, CONSTRUCT GREENWAY CONNECTOR	CONSTRUCTION	FY 2017 -	$1,200,000	(TAPDA)
IREDELL	UNDER US 21 (TURNERSBURG HIGHWAY).		FY 2017 -	$470,000	(L)
PROJ.CATEGORY	*ADD PROJECT AT THE REQUEST OF THE MPO.*			$1,670,000	
DIVISION					

* W-5712DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
GASTON	LOCATIONS IN DIVISION 12.		FY 2017 -	$30,000	(HSIP)
CLEVELAND	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CATAWBA	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
ALEXANDER			FY 2017 -	$180,000	(HSIP)
LINCOLN			FY 2018 -	$180,000	(HSIP)
IREDELL				$630,000	
PROJ.CATEGORY					
DIVISION					

* W-5712REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
GASTON	LOCATIONS IN DIVISION 12.		FY 2017 -	$30,000	(HSIP)
CLEVELAND	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
CATAWBA	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
ALEXANDER			FY 2017 -	$180,000	(HSIP)
LINCOLN			FY 2018 -	$180,000	(HSIP)
IREDELL				$630,000	
PROJ.CATEGORY					
REGIONAL					

* W-5712SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
GASTON	LOCATIONS IN DIVISION 12.		FY 2017 -	$40,000	(HSIP)
CLEVELAND	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
CATAWBA	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
ALEXANDER			FY 2017 -	$240,000	(HSIP)
LINCOLN			FY 2018 -	$240,000	(HSIP)
IREDELL				$840,000	
PROJ.CATEGORY					
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 13

* R-5779	SR 1631 (CROSSROADS PARKWAY), EXTEND SR 1631	RIGHT-OF-WAY	FY 2017 -	$100,000	(APD)
MADISON	(CROSSROADS PARKWAY) TO SR 1632.	CONSTRUCTION	FY 2018 -	$1,580,000	(APD)
PROJ.CATEGORY	*ADD PROJECT TO BE FUNDED WITH APPALACHIAN*			$1,680,000	
EXEMPT	*REGIONAL COMMISSION (ARC) LOCAL ACCESS ROAD FUNDING.*				

* W-5713DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
BURKE	LOCATIONS IN DIVISION 13.		FY 2017 -	$30,000	(HSIP)
BUNCOMBE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
YANCEY	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
RUTHERFORD			FY 2017 -	$180,000	(HSIP)
MITCHELL			FY 2018 -	$180,000	(HSIP)
McDOWELL				$630,000	
MADISON					
PROJ.CATEGORY					
DIVISION					

* W-5713REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
BURKE	LOCATIONS IN DIVISION 13.		FY 2017 -	$30,000	(HSIP)
BUNCOMBE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$30,000	(HSIP)
YANCEY	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
RUTHERFORD			FY 2017 -	$180,000	(HSIP)
MITCHELL			FY 2018 -	$180,000	(HSIP)
McDOWELL				$630,000	
MADISON					
PROJ.CATEGORY					
REGIONAL					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 13

* W-5713SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 13.	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
BURKE			FY 2017 -	$40,000	(HSIP)
BUNCOMBE	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$40,000	(HSIP)
YANCEY		CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
RUTHERFORD			FY 2017 -	$240,000	(HSIP)
MITCHELL			FY 2018 -	$240,000	(HSIP)
McDOWELL				$840,000	
MADISON					
PROJ.CATEGORY					
STATEWIDE					

DIVISION 14

* W-5714DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 14.	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
TRANSYLVANIA			FY 2017 -	$30,000	(HSIP)
SWAIN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$30,000	(HSIP)
POLK		CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
MACON			FY 2017 -	$180,000	(HSIP)
JACKSON			FY 2018 -	$180,000	(HSIP)
HENDERSON				$630,000	
HAYWOOD					
GRAHAM					
CLAY					
CHEROKEE					
PROJ.CATEGORY					
DIVISION					

* W-5714REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 14.	RIGHT-OF-WAY	FY 2016 -	$30,000	(HSIP)
TRANSYLVANIA			FY 2017 -	$30,000	(HSIP)
SWAIN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.*		FY 2018 -	$30,000	(HSIP)
POLK		CONSTRUCTION	FY 2016 -	$180,000	(HSIP)
MACON			FY 2017 -	$180,000	(HSIP)
JACKSON			FY 2018 -	$180,000	(HSIP)
HENDERSON				$630,000	
HAYWOOD					
GRAHAM					
CLAY					
CHEROKEE					
PROJ.CATEGORY					
REGIONAL					

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 14

* W-5714SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2016 -	$40,000	(HSIP)
TRANSYLVANIA	LOCATIONS IN DIVISION 14.		FY 2017 -	$40,000	(HSIP)
SWAIN	*ADD RIGHT-OF-WAY AND CONSTRUCTION NOT*		FY 2018 -	$40,000	(HSIP)
POLK	*PREVIOUSLY PROGRAMMED.*	CONSTRUCTION	FY 2016 -	$240,000	(HSIP)
MACON			FY 2017 -	$240,000	(HSIP)
JACKSON			FY 2018 -	$240,000	(HSIP)
HENDERSON				$840,000	
HAYWOOD					
GRAHAM					
CLAY					
CHEROKEE					
PROJ.CATEGORY					
STATEWIDE					

STIP MODIFICATIONS

DIVISION 3

U-5508	NC 24 (LEJEUNE BOULEVARD), NC 53 (WESTERN	RIGHT-OF-WAY	FY 2017 -	$420,000	(STBG)
ONSLOW	BOULEVARD) IN JACKSONVILLE. UPGRADE	CONSTRUCTION	FY 2018 -	$2,400,000	(STBG)
PROJ.CATEGORY	INTERSECTION AND DRAINAGE.			$2,820,000	
STATEWIDE	*DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME TO ALLOW ADDITIONAL TIME FOR DESIGN.*				

DIVISION 4

I-5786	I-95, 0.4 MILE NORTH OF US 70 BYPASS (MILEMARKER	CONSTRUCTION	FY 2019 -	$10,000,000	(NHPIM)
JOHNSTON	96.5) TO 0.2 MILE NORTH OF NC 222 (MILEMARKER		FY 2020 -	$10,000,000	(NHPIM)
PROJ.CATEGORY	108.1). PAVEMENT REHABILITATION.			$20,000,000	
STATEWIDE	*DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO COORDINATE CONSTRUCTION WITH I-3318BB.*				

DIVISION 5

B-5102	US 158, REPLACE BRIDGE 720011 OVER SOUTH HYCO	CONSTRUCTION	FY 2017 -	$2,200,000	(HFB)
PERSON	CREEK.			$2,200,000	
PROJ.CATEGORY	*DELAY CONSTRUCTION FROM FY 16 TO FY 17 AT*				
HWY FUNDS	*REQUEST OF DIVISION.*				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 5

B-5320	SR 1139 (ENON ROAD), REPLACE BRIDGE 380096 OVER	RIGHT-OF-WAY	FY 2017 -	$300,000	(STPOFF)
GRANVILLE	TAR RIVER.	CONSTRUCTION	FY 2018 -	$1,488,000	(STPOFF)
PROJ.CATEGORY	*DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND*		FY 2019 -	$1,487,000	(STPOFF)
DIVISION	*CONSTRUCTION FROM FY 17 TO FY 18 AT THE*			$3,275,000	
	REQUEST OF PROJECT DEVELOPMENT.				

* U-5751	US 401, NC 55 IN FUQUAY-VARINA. CONVERT	RIGHT-OF-WAY	FY 2019 -	$1,380,000	(NHP)
WAKE	INTERSECTION TO TRUMPET INTERCHANGE, TO	UTILITIES	FY 2019 -	$379,000	(NHP)
PROJ.CATEGORY	INCLUDE CONVERSION OF NC 55 / NC 42	CONSTRUCTION	FY 2021 -	$5,750,000	(NHP)
REGIONAL	INTERSECTION TO INTERCHANGE.			$7,509,000	
	DELAY CONSTRUCTION FROM FY 20 TO FY 21 AT				
	REQUEST OF PROJECT DEVELOPMENT.				

* U-5828	MCCRIMMON PARKWAY, SR 3015 (AIRPORT	RIGHT-OF-WAY	FY 2017 -	$2,502,000	(L)
WAKE	BOULEVARD) TO SR 1002 (AVIATION PARKWAY) IN	UTILITIES	FY 2017 -	$300,000	(L)
PROJ.CATEGORY	MORRISVILLE. WIDEN TO MULTILANES, PART ON NEW	CONSTRUCTION	FY 2018 -	$2,968,000	(T)
DIVISION	LOCATION.		FY 2019 -	$2,968,000	(T)
	DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AT		FY 2020 -	$2,967,000	(T)
	REQUEST OF DIVISION.		FY 2021 -	$2,967,000	(T)
				$14,672,000	

DIVISION 7

AV-5737	BURLINGTON- ALAMANCE REGIONAL AIRPORT (BUY),	RIGHT-OF-WAY	FY 2017 -	$1,080,000	(T)
ALAMANCE	OBTAIN NAVIGATION EASEMENTS AND CLEAR		FY 2017 -	$120,000	(L)
PROJ.CATEGORY	OBSTRUCTIONS IN THE RUNWAY 24 APPROACH.			$1,200,000	
DIVISION	*DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AT*				
	REQUEST OF DIVISION OF AVIATION.				

DIVISION 9

* I-3804	I-85, SR 1221 (OLD BEATTY FORD ROAD) NEAR	RIGHT-OF-WAY	FY 2017 -	$1,950,000	(NHP)
ROWAN	LANDIS. CONVERT GRADE SEPARATION TO	UTILITIES	FY 2017 -	$200,000	(NHP)
PROJ.CATEGORY	INTERCHANGE.	CONSTRUCTION	FY 2017 -	$7,100,000	(NHP)
DIVISION	*ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 17*			$9,250,000	
	AND CONSTRUCTION FROM FY 22 TO FY 17; WORK TO				
	BE INCORPORATED INTO I-3802B.				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 10

* EB-5775 MECKLENBURG PROJ.CATEGORY DIVISION	CORNELIUS, SOUTH PRONG ROCKY RIVER GREENWAY (SOUTH STREET - MAIN STREET). CONSTRUCT GREENWAY. *DELETE RIGHT-OF-WAY FUNDING. RIGHT-OF-WAY TO BE DONATED. FUNDING MOVED TO CONSTRUCTION.*	CONSTRUCTION	FY 2017 - FY 2017 -	$721,000 $180,000 $901,000	(STBGDA) (L)
EB-5776 MECKLENBURG PROJ.CATEGORY DIVISION	CORNELIUS, NC 115 SIDEWALK AND BIKE LANE MODERNIZATION (SMITH ROAD - POTTS STREET). *DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.*	CONSTRUCTION	FY 2019 - FY 2019 -	$246,000 $61,000 $307,000	(STBGDA) (L)
EB-5777 MECKLENBURG PROJ.CATEGORY DIVISION	CORNELIUS, MCDOWELL CREEK TRIBUTARY GREENWAY, CATAWBA AVENUE TO WASHAM POTTS ROAD. CONSTRUCT GREENWAY. *ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 18 AND CONSTRUCTION FROM FY 21 TO FY 20 AT THE REQUEST OF THE MPO.*	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2018 - FY 2020 - FY 2020 -	$300,000 $75,000 $1,100,000 $275,000 $1,750,000	(STBGDA) (L) (STBGDA) (L)
I-5746 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-277 / US 74, I-77 TO BREVARD ROAD. PAVEMENT REHABILITATION. *DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR DESIGN.*	CONSTRUCTION	FY 2017 - FY 2018 -	$6,850,000 $6,850,000 $13,700,000	(NHPIM) (NHPIM)
* R-2530B STANLY PROJ.CATEGORY REGIONAL	NC 24-27, BIRD ROAD IN ALBEMARLE TO WEST OF THE PEE DEE RIVER *ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17 AND CONSTRUCTION FROM FY 20 TO FY 19. PROJECT CAN BE DELIVERED EARLIER THAN ANTICIPATED.*	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2019 - FY 2020 -	$14,000,000 $1,900,000 $14,600,000 $14,600,000 $45,100,000	(T) (T) (T) (T)
U-5905 MECKLENBURG PROJ.CATEGORY EXEMPT	SR 2112 (LAKEVIEW ROAD), US 21 TO NC 115. UPGRADE ROADWAY. *DELAY CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME FOR PROJECT DEVELOPMENT.*	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	$100,000 $8,900,000 $9,000,000	(BA) (BA)

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 11

* B-4676	SR 1001 (OAKWOODS ROAD), REPLACE BRIDGE 960029	CONSTRUCTION	FY 2020 -	$1,850,000	(STPOFF)
WILKES	OVER CUB CREEK.			$1,850,000	
PROJ.CATEGORY	*DELAY CONSTRUCTION FROM FY 16 TO FY 20 TO*				
DIVISION	*ALLOW TIME TO DETERMINE IF IMPROVEMENTS WILL BE INCLUDED IN PROJECT R-5772.*				

DIVISION 12

C-5529	MOORESVILLE, INTERSECTION OF NC 115 AND FAITH	RIGHT-OF-WAY	FY 2016 -	$82,000	(CMAQ)
IREDELL	ROAD-CAMPUS LANE IN MOORESVILLE. REALIGN		FY 2016 -	$27,000	(L)
PROJ.CATEGORY	FAITH ROAD TO TIE INTO EXISTING NC 115/CAMPUS	CONSTRUCTION	FY 2017 -	$996,000	(CMAQ)
EXEMPT	LANE INTERSECTION AND CONSTRUCT DEDICATED		FY 2017 -	$332,000	(L)
	TURN LANES ON FAITH ROAD AND CAMPUS LANE			$1,437,000	
	APPROACHES TO THE INTERSECTION.				
	DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION AND UTILITY RELOCATION.				

C-5701	MOORESVILLE, INTERSECTION OF NC 801 AND NC	RIGHT-OF-WAY	FY 2016 -	$111,000	(CMAQ)
IREDELL	150. CONSTRUCT INTERSECTION IMPROVEMENTS.		FY 2016 -	$29,000	(L)
PROJ.CATEGORY	*DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO*	CONSTRUCTION	FY 2017 -	$959,000	(CMAQ)
EXEMPT	*ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION AND UTILITY RELOCATION.*		FY 2017 -	$650,000	(BA)
			FY 2017 -	$255,000	(L)
				$2,004,000	

* EB-5535	CRAMERTON, LAKEWOOD PARK TRAIL, LAKEWOOD	CONSTRUCTION	FY 2016 -	$760,000	(STPEB)
GASTON	PARK TO US 29/US 74. CONSTRUCT 10 FEET WIDE			$760,000	
PROJ.CATEGORY	TRAIL.				
TRANSITION	*DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME TO ACQUIRE PERMITS.*				

* W-5212N	NC 279, CAMP SERTOMA TO SR 1438 (ST. MARK'S	RIGHT-OF-WAY	FY 2017 -	$1,000,000	(HSIP)
GASTON	CHURCH ROAD). CONSTRUCT SAFETY		FY 2017 -	$2,000,000	(STP)
PROJ.CATEGORY	IMPROVEMENTS, INCLUDING PASSING ZONES.	CONSTRUCTION	FY 2018 -	$3,400,000	(HSIP)
DIVISION	*MODIFY PROJECT SCOPE, FUNDING AMOUNTS, AND SCHEDULE. (APPEARED IN THE MARCH 2016 HANDOUT)*		FY 2018 -	$6,600,000	(STP)
				$13,000,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 13

* EB-5809	HILDEBRAN, NORTH CENTER STREET, FIRST AVENUE	ENGINEERING	FY 2016 -	$84,000	(STBGDA)
BURKE	NE TO WILSON ROAD. CONSTRUCT SIDEWALK.		FY 2016 -	$21,000	(L)
PROJ.CATEGORY	*DELAY CONSTRUCTION FROM FY 16 TO FY 18 TO*	RIGHT-OF-WAY	FY 2017 -	$111,000	(STBGDA)
DIVISION	*ALLOW ADDITIONAL TIME FOR PLANNING AND*		FY 2017 -	$28,000	(L)
	DESIGN. ADD PRELIMINARY ENGINEERING AND	CONSTRUCTION	FY 2018 -	$426,000	(STBGDA)
	RIGHT-OF-WAY ACQUISITION FUNDING AT THE		FY 2018 -	$107,000	(L)
	REQUEST OF THE MPO.			$777,000	
R-2233BB	US 221, SOUTH OF US 74 BUSINESS TO NORTH OF SR	RIGHT-OF-WAY	FY 2018 -	$19,900,000	(T)
RUTHERFORD	1366 (ROPER LOOP ROAD)	UTILITIES	FY 2018 -	$3,000,000	(T)
PROJ.CATEGORY	*DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 TO*	CONSTRUCTION	FY 2020 -	$17,767,000	(T)
DIVISION	*ALLOW ADDITIONAL TIME FOR DESIGN.*		FY 2021 -	$17,766,000	(T)
			FY 2022 -	$17,767,000	(T)
				$76,200,000	

DIVISION 14

B-4775	SR 1309 (CRANFORD ROAD), REPLACE BRIDGE 550017	RIGHT-OF-WAY	FY 2017 -	$50,000	(STPOFF)
MACON	OVER WAYAH CREEK.	CONSTRUCTION	FY 2018 -	$450,000	(STPOFF)
PROJ.CATEGORY	*DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND*			$500,000	
DIVISION	*CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW*				
	ADDITIONAL TIME FOR PLANNING.				
B-4792	SR 1102 (PEARSON FALLS), REPLACE BRIDGE 740004	CONSTRUCTION	FY 2016 -	$650,000	(STPOFF)
POLK	OVER FORK CREEK (SMALL BRANCH OF PACOLET			$650,000	
PROJ.CATEGORY	RIVER).				
DIVISION	*ACCELERATE CONSTRUCTION FROM FY 17 TO FY 16.*				
	UTILITY ISSUES RESOLVED.				
B-5905	US 23 BUSINESS, REPLACE BRIDGE 490027 OVER	RIGHT-OF-WAY	FY 2017 -	$270,000	(STPON)
JACKSON	SCOTT CREEK AND SOUTHERN RAILROAD.	CONSTRUCTION	FY 2019 -	$2,700,000	(STPON)
PROJ.CATEGORY	*DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO*		FY 2020 -	$2,700,000	(STPON)
REGIONAL	*ALLOW ADDITIONAL TIME FOR COORDINATION WITH*			$5,670,000	
	THE RAILROAD.				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 14

U-5548	BROWN AVENUE, REALIGNMENT OF BROWN AVENUE FROM BOYD AVENUE TO APPROXIMATELY 1200 FEET SOUTH OF THE INTERSECTION. PROJECT INCLUDES CONSTRUCTION OF NEW ROADWAY (SCHOOL STREET), RAISED CROSSWALK, PAINTED CROSSWALKS, REFUGE ISLAND, BULBOUT AND SIGNAGE.	CONSTRUCTION	FY 2017 -	$400,000	(STBGDA)
HAYWOOD			FY 2017 -	$100,000	(L)
PROJ.CATEGORY				$500,000	
DIVISION	*DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW THE CONSTRUCTION SCHEDULE TO BE SHIFTED AND MINIMIZE SCHOOL DISRUPTIONS.*				

STIP DELETIONS

DIVISION 10

* EB-5789	WEDDINGTON ROAD, WAXHAW-INDIAN TRAIL ROAD TO LESTER DAVIS ROAD. CONSTRUCT SIDEWALK IN WESLEY CHAPEL.	CONSTRUCTION	FY 2018 -	$64,000	(STBGDA)
UNION			FY 2018 -	$16,000	(L)
PROJ.CATEGORY				$80,000	
DIVISION	*DELETE AT THE REQUEST OF MPO. WORK TO BE ACCOMPLISHED IN U-3467.*				

DIVISION 12

* EB-5804	NEWTON CONOVER HIGH SCHOOL SIDEWALK CONNECTION.	CONSTRUCTION	FY 2016 -	$439,000	(STBGDA)
CATAWBA			FY 2016 -	$88,000	(L)
PROJ.CATEGORY				$527,000	
DIVISION	*DELETE AT THE REQUEST OF THE CITY OF NEWTON.*				

ITEM N SUMMARY

ADDITIONS	47 PROJECTS	$37,024,000
MODIFICATIONS	25 PROJECTS	
DELETIONS	2 PROJECTS	$607,000
	74 PROJECTS	$36,417,000

* INDICATES FEDERAL AMENDMENT

NCDOT June 30, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 34 Agreements for approval by the Board of Transportation

Statewide

North Carolina Department of Natural and Cultural Resources Arts Council (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP ™ system. The Department and Agency have agreed provide to up to two (2) SAP ™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is $73,780. This agenda item supersedes the item that was approved by the Board of Transportation on June 2, 2016.
North Carolina Department of Natural and Cultural Resources Museum of Natural Sciences (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP ™ system. The Department and Agency have agreed provide to up to one hundred and five (105) SAP ™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is $91,850. This agenda item supersedes the item that was approved by the Board of Transportation on June 2, 2016.
North Carolina Department of Natural and Cultural Resources Parks and Recreation (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP ™ system. The Department and Agency have agreed provide to up to one hundred and ten (110) SAP ™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is $118,480. This agenda item supersedes the item that was approved by the Board of Transportation on June 2, 2016.
North Carolina Department of Natural and Cultural Resources State Library (NCDNCR)	This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP ™ system. The Department and Agency have agreed provide to up to one hundred and ten (110) SAP ™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is $104,850. This agenda item supersedes the item that was approved by the Board of Transportation on June 2, 2016.

Division 4

Norfolk Southern Railway Company (NSR) North Carolina Railroad Company (NCRR) Johnston and Wake Cos. 32280	On April 18, 2008, the Department, NSR, and NCRR entered into a Project Agreement for track and signal improvements to the North Carolina Railroad Company between Raleigh and Selma, Mileposts H 81.3 and H 109.3, to increase passenger train speed, improve reliability, and decrease passenger train travel time. This agreement provided for reimbursement for maintenance of all improvements. This Supplemental Agreement amends the Project Agreement to extend the term for reimbursement for maintenance of the improvements for an additional 20 years.
Town of Clayton Johnston County U-5530LA 44111.1.F5 44111.3.5	This Project consists of the design of Sam's Branch Greenway. This Supplemental Agreement is for the construction of Sam's Branch Greenway trail from the end of Phase I at North O'Neil Street to Legend Park at City Road, including the grade separation crossing of North O'Neil Street. The Municipality has requested to combine the construction of Project U-5530LA and U-5530LB under one construction contract. The Municipality is responsible for all phases of the Project. The Department's original participation for both U-5530LA and LB Projects was a total of $156,000. The Department agrees to reimburse the Municipality an additional $1,708,800 of STP-DA funds. The Municipality's original total for both Projects was $39,000. The Municipality will provide $427,200 as their local match and any costs that exceed $2,136,000.
Norfolk Southern Railway Company (NSR) North Carolina Railroad Company (NCRR) Johnston County R-5769 46448.1	This Project is to construct a new grade separation on an access road to the Novo Nordisk facility beginning at Station 32 + 61.98 –L- running in a north easterly direction over the tracks and related facilities owned by Company and operated by Railroad to Station 33 + 75.48 –L- identified for preliminary engineering in Johnston County; and including the superstructure and substructure, the handrails, the wearing surface of the highway, the approaches, the drainage and other related facilities across the Company's Corridor, property and right-of-way, racks and other facilities at or near Railroad's Milepost H-100.45.

Division 5

Town of Cary Wake County C-5604IB 43714.3.5	This Project consists of the construction of a gap in the White Oak Creek Greenway between MacArthur Drive and Davis Drive which will include a grade-separated rail crossing, and boardwalk for a majority of the length of the trail, as well as pedestrian signal and crossing improvements at the Davis Drive at-grade crossing in Cary. The Municipality is responsible for all phases of the Project. The Department shall reimburse 45% of approved eligible costs from CMAQ funds, not to exceed $2,047,500. The Municipality will be responsible for providing the 55% ($2,502,500) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost of $4,550,000.
Town of Zebulon Wake County U-5118FB 42379.2.33 42379.3.33	This Project consists of improvements to include dual left turns from Pearces Road onto Arendell Avenue, signal upgrades, and adding a lane on Arendell Avenue to allow a receiving lane for the dual left turns from Pearces Road. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STP-DA funds, not to exceed $956,000. The Municipality will be responsible for providing the 20% ($239,000) non-federal match for the STP-DA funds authorized and all costs that exceed the total estimated cost of $1,195,000.
Town of Wake Forest Wake County U-5118BB 42379.2.34 42379.3.34	This Project consists of roadway, bicycle, and pedestrian improvements along Durham Road (NC 98 Business) between Retail Drive and Tyler Run Drive in Wake Forest. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STP-DA funds, not to exceed $2,038,092. The Municipality will be responsible for providing the 20% ($509,523) non-federal match for the STP-DA funds authorized and all costs that exceed the total estimated cost of $2,547,615.

Division 5, cont.

Town of Morrisville Wake County U-5828 44401.3.1	This Project consists of the construction of McCrimmon Parkway from SR 3015 (Airport Blvd) to SR 1002 (Aviation Parkway) in Morrisville. At the request of the Municipality, additional work to be included within the scope of the project shall include sidewalk on both sides of McCrimmon Extension. The Municipality shall be responsible for planning, design, right of way and utilities. The Department shall construct and administer the construction contract. The Municipality shall participate in the sidewalk and street lighting betterment costs in the amount of $1,040,542. The Municipality shall maintain the betterments upon completion of the Project.
Town of Holly Springs Wake County C-5604JA 43714.1.6 43714.2.6 43714.3.6	This Project consists of greenway construction to connect the east side of Town to the west side of Town by means of an existing pedestrian tunnel which was constructed with the NC 55 Bypass in Holly Springs. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from CMAQ funds, not to exceed $580,000. The Municipality will be responsible for providing the 20% ($145,000) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost of $725,000.
Town of Holly Springs Wake County U-5118JB 42379.3.35	This Project consists of the construction of a superstreet on NC 55 Bypass at Sportsmanship Way in Holly Springs. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STP-DA funds, not to exceed $1,200,000. The Municipality will be responsible for providing the 20% ($300,000) non-federal match for the STP-DA funds authorized and all costs that exceed the total estimated cost of $1,500,000.
City of Raleigh Wake County C-5604OD 43714.3.8	This Project consists of the extension of Crabtree Creek West Greenway from the existing terminus at Lindsay Drive to the eastern boundary of Umstead State Park on Ebenezer Church Road in Raleigh. The Municipality is responsible for all phases of the Project. The Department shall reimburse 34% of approved eligible costs from CMAQ funds, not to exceed $1,547,000. The Municipality will be responsible for providing the 66% ($3,003,000) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost of $4,550,000.

Division 5, cont.

City of Raleigh Wake County U-5118OA 42379.3.36	This Project consists of resurfacing, restriping, and signal modifications to implement addition for bike lanes on Blount Street, Person Street and Hoke Road to Wake Forest Road; also the conversion of Wake Forest Road to 3-lanes with bike lanes. The Municipality is responsible for all phases of the Project. The Department shall reimburse 72% of approved eligible costs from STP-DA funds, not to exceed $1,274,400. The Municipality will be responsible for providing the 28% ($495,600) non-federal match for the STP-DA funds authorized and all costs that exceed the total estimated cost of $1,770,000.
City of Raleigh Wake County C-5604OC 43714.2.7 43714.3.7	This Project consists of a segment of the Walnut Creek Greenway, which will connect from the existing Walnut Creek Greenway at Trailwood Drive to NCSU Centennial Campus in Raleigh. The Municipality is responsible for all phases of the Project. The Department shall reimburse 67% of approved eligible costs from CMAQ funds, not to exceed $683,400. The Municipality will be responsible for providing the 33% ($336,600) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost of $1,020,000.
TransLoc, Inc. Wake County 32218	This Pilot Parnter Agreement covers the terms and conditions by which the Department and TransLoc will develop and test an application that allows passengers (both rail and bus) to access trip-planning functions and transit connections to get to and from fixed-route services as part of the rail passenger marketing efforts. The Department will test the application for 3 months, with an option to extend for an additional 3 months. The cost to the Department is $5,000.
Norfolk Southern Railway Company (NSR) North Carolina Railroad Company (NCRR) Wake, Durham, Orange, Alamance, Guilford, Davidson, Rowan, Cabarrus and Mecklenburg Cos. 32280	On December 19, 2001, the Department, NSR, and NCRR entered into a Project Agreement covering various track and signal improvements and the maintenance thereof onto the North Carolina Railroad Company Corridor between Raleigh and Charlotte to increase passenger train speed, improve reliability, and decrease passenger travel time. This Project Agreement was previously amended on March 14, 2005 to update Indemnification and Contracting language. These agreements provided for reimbursement for maintenance of all improvements. This Supplemental Agreement amends the above agreements to extend the term for reimbursement for maintenance of the improvements for an additional 20 years.

NCDOT June 30, 2016 Board of Transportation Agenda

Division 6

Town of Hope Mills Cumberland County U-5528A 50078.3.1	The Project consists of construction of curb, gutter and sidewalk along the south side of Rockfish Road from Johnson Street to Golfview Road. This Supplemental Agreement is to provide additional funding in the amount of $253,941 from Transportation Enhancement funds. The Municipality shall provide $27,130 as the non-federal match.

Division 8

Aberdeen & Rockfish Railroad Company (AR) Hoke County 80000.1.4.2	On August 20, 2014, the Department and AR entered into a Rail Freight Assistance Agreement to upgrade crossties and roadbeds between Mileposts 24.0-25.3, 27.4-31.2, and 36.0-38.0, which was funded through Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds. This Supplemental Agreement revises the scope of work to include repair work at the following Mileposts: 24.0-25.3, 28.2-31.2, 32.6-33.8, and 36.0-37.6. All other provisions of the agreement executed on August 20, 2014, shall remain the same.
Town of Taylortown Moore County 3608.3.13	This Project consists of construction of concrete sidewalk along NC 211 and SR 1210 (Beulah Hill Church Road) in Taylortown, Moore County. The Department shall administer the construction contract. The Municipality shall acquire any needed right of way and assume maintenance of the sidewalk. The Department shall participate in the actual construction costs of the Project in an amount not to exceed $78,200. Costs which exceed this amount shall be borne by the Municipality. This Agreement supersedes the original Agreement for this Project adopted on January 13, 2015.

Division 10

City of Charlotte Mecklenburg County U-5905 46450.1.1 46450.2.1 46450.3.1	This Project consists of improvements along Lakeview Road (SR 2112) from Old Statesville Road (NC 115) to Reames Road (SR 2110) for the purpose of increasing vehicular capacity at key intersections along the corridor to facilitate movement to the Lakeview direct connect interchange. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual Project costs in an amount not to exceed $9,000,000 in Bonus Allocation Funding. Costs which exceed this amount shall be borne by the Municipality.

Division 10, cont.

City of Kannapolis Cabarrus County U-3440 39010.3.2	This Project consists of NC 3 from the proposed West Side Bypass (U-2009) to SR 1691 (Loop Road). The Department shall prepare the environmental and/or planning document, Project plans and specifications, construct the Project, and acquire any needed right of way. The Municipality shall relocate and adjust any municipally-owned utilities. At the request of the Municipality, the Department shall include in its contract the construction of new sidewalk, widening the outside lanes 2-ft to accommodate wider bicycle lanes, and upgrading to metal powder-coated signal poles. The Municipality shall reimburse the Department 30% ($143,929) of the actual costs of the work for the sidewalk and 100% ($280,744) of the actual costs of the work for the additional betterments. The estimated reimbursement from the Municipality is $424,673.
City of Charlotte Mecklenburg County P-5208H 50000.3.STR08T4F	This Project consists of the relocation of Grier Road over NCRR tracks to Old Concord Road (SR 2939) in Charlotte. This Supplemental Agreement is to modify the scope and increase funding. The Department shall reimburse the Municipality an additional $27,810 in Project funds.
Intertape Polymer Corporation (IPC) Cabarrus County 80000.3.1.7	This Rail Agreement covers approval of Freight Rail & Rail Crossing Safety Improvements (FRRCSI) and STI Economic Development funds to assist IPC with the construction of three (3) rail spur tracks off of the mainline switch at Milepost 368.50 to serve a proposed manufacturing facility. IPC will perform the work. The Department will participate in the cost of the project to the extent of 17.8%, or up to $200,000 from FRRCSI funds, and up to $122,500 from Economic Development funds. The estimated cost of the project is $1,125,000.

Division 11

County of Wilkes 44128	This Project consists of construction of a new 2 lane roadway from Call Street (NS) to Davidson Street (NS) to provide access to Wilkes Community College Health Science Campus in Wilkes County. The Department's original participation was $300,000. This Supplemental Agreement is to provide an additional $50,000 in small construction funds.

Division 12

City of Conover Catawba County EB-5803 46459.3.1	This Project consists of striping bicycle lanes for two miles along 1st Avenue, 7th Street Pl SW and a portion of 3rd Avenue SE. Pedestrian improvements include crosswalks, pedestrian refuges, traffic calming, and a mid-block crossing on 7th Street Pl SW. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STP-DA funds, not to exceed $399,001. The Municipality shall provide the 20% ($99,751) non-federal match and all costs that exceed the total estimated cost of $498,752.
City of Hickory Catawba County EB-5805 46462.1.1	This Project consists of the design of the Hickory CITYWALK, a 10-12 mile urban greenway system in downtown Hickory. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STPDA funds, not to exceed $800,000. The Municipality will be responsible for providing the 20% ($200,000) non-federal match and all costs that exceed the total estimated costs of $1,000,000.
City of Hickory Catawba County 12.101811 9808837	This Project consists of design work including site layout, soil parameters, wall envelope and cost estimate for shoring associated with the repair of the US 70/7th Street Southeast sinkhole located in Hickory. The Department shall prepare the Project plans and specifications as needed to construct the Project. The Department will participate 50% ($26,000) and the Municipality will participate 50% ($26,000) towards the cost of the project. The estimated cost of the project is $52,000.
City of Hickory Catawba County 12B.101811 9808132	This Project consists of an agreement for the reimbursement of the rental costs associated with the pumping equipment located at the sinkhole adjacent to US 70 and 7th Street Southeast in Hickory. The Municipality shall reimburse the Department for two-thirds of the rental costs incurred for the pumping rental equipment.

Division 12, cont.

Gaston County C-5606E 43728.1.6 43728.2.6 43728.3.6	This Project consists of construction of a walking and biking trail connecting Gaston County Park and Gaston College with Technology Park. The Municipality is responsible for all phases of the Project. The Department shall reimburse 79% of approved eligible costs from CMAQ funds, not to exceed $513,300. The Municipality will be responsible for providing the 21% ($136,447) non-federal match and all costs that exceed the total estimated costs of $649,747.
City of Bessemer City Gaston County C-5606B 43728.1.3 43728.2.3 43728.3.3	This Project consists of construction of a new sidewalk on the south side of W NC Highway 161 between S. 13th Street and S. 14th Street with crosswalks. The Municipality is responsible for all phases of the Project. The Department shall reimburse 79% of approved eligible costs from CMAQ funds, not to exceed $158,000. The Municipality will be responsible for providing the 21% ($42,000) non-federal match and all costs that exceed the total estimated costs of $200,000.
City of Belmont Southern Benedictine Society, Inc. Skye-Belmont, LLC 6501 Wilkinson Blvd, LLC Sisters of Mercy of the Americas South Central Community, Inc. Virginia H. Feimster, Duke Energy Carolinas, LLC Parkdale America, LLC Alliance Real Estate III Inc. Chronicle Mill Land, LLC Belmont Community Organization (Other Parties) Gaston County	This Lease Agreement provides the terms and conditions by which the Department and the Other Parties will lease to the Municipality their portion of the interest in the right-of-way of the former Belmont Branch of the Piedmont and Northern Railroad from its intersection with SR 2093, Milepost SFF 1.56, to its intersection with Glenway Street, Milepost SFF 3.13 as authorized in Senate Bill 460 passed by the 2013 session of the General Assembly. The property will be used solely as a bicycle and pedestrian facility. The lease term will be for 10 years, with an automatic renewal for a successive 10 year period, subject to the Department's right to terminate upon resumption of active rail service. The lease fee is $1 per year.
City of Belmont Southern Benedictine Society, Inc. Sisters of Mercy of the Americas South Central Community, Inc. (Property Owners) Gaston County	This Memorandum of Understanding (MOU) constitutes a statement of intent between the Department, the Municipality, and the Property Owners to lease to the Municipality the portion of the former Belmont Branch of the Piedmont and Northern Railroad right-of-way located on their respective properties as authorized in Senate Bill 460 passed by the 2013 session of the General Assembly. The leased properties may be used solely and exclusively for recreational use and for no other purpose. The Municipality will be responsible for all construction, upon approval of the Property Owners.

NCDOT June 30, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 22 Agreements for informational purposes only

Division 1

Martin County Board of Education Martin County 36249.3644	This Project consists of asphalt pavement maintenance at Riverside High School, South Creek High School and Williamston Primary School. The County shall reimburse the Department $90,000 for work performed by the Department. The estimated total cost of Project is $90,000.
NC Department of Environmental Quality Dare County 36249.3563	This Project consists of dredging in Hatteras Inlet. This Supplemental Agreement is to expand the scope and increase the funding participation. The Agency shall reimburse the Department an additional $60,000 to cover the additional dredging costs associated with the Project.

Division 2

Town of Kinston Lenoir County 2.105413	This Project consists of providing Street Sweeping of approximately 43.9 miles of state system streets, within the corporate limits of the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of $24,364.50 for a minimum of three (3) sweeping cycles per year.

Division 3

Town of Holly Ridge Onslow County 3.106713	This Project consists of providing Street Sweeping Services along US 17 within the Town limits.The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of $2,000 or $500 per cycle for a minimum of four (4) sweeping cycles per year.
Town of Surf City Pender County 3.107111	This Project consists of the installation of infiltration chambers and drop inlet on NC 210 (North New River Drive).The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department $7,000 for work performed by the Department. The estimated total cost of the Project is $7,000.

Division 4

HealthPark at Forty Two West, Land, LLC Johnston County 36249.3645	This Project consists of traffic signal review and inspection for the traffic signal at NC 42 and Johnston Medical Center-Clayton entrance/entrance to HealthPark. 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 Department's work. The estimated reimbursement is $5,000.

Division 5

Scannell Properties #232, LLC Durham County 36249.3658	This Project consists of the modification of existing traffic signal at SR 2028 (TW Alexander Drive) and SR 1959 (Miami Boulevard). 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 Department's work. The estimated reimbursement is $5,000.
Scannell Properties #232, LLC Durham County 36249.3659	This Project consists of the new signal installation at SR 2028 (TW Alexander Drive) at Stirrup Creek/Presidential Drive. 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 Department's work. The estimated reimbursement is $5,000.
Research Triangle Foundation of North Carolina Durham County 36249.3660	This Project consists of the signal upgrade at Davis Drive and I-40 Eastbound ramps/Park Drive. 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 Department's work. The estimated reimbursement is $5,000.
Standard Pacific of the Carolinas Wake County 36249.3661	This Project consists of the signal upgrade at NC 55 and Indian Wells Road/Morrisville-Carpenter 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 Department's work. The estimated reimbursement is $5,000.

Division 5, cont.

Town of Cary Wake County 50138.1.137	This Project consists of construction of left-turn lanes at the intersection of SR 1613 (Davis Drive) and SR 1619 (Waldo Rood Blvd) in Cary. The Department shall perform the work. The Municipality shall reimburse the Department 100% of the actual cost of all work performed by the Department, including administrative costs. The estimated cost is $200,000.

Division 6

North Carolina Division of Parks and Recreation Lenoir County 45857	This Project consists of the construction of a pedestrian bridge in Lake Waccamaw State Park. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs through Contingency Funds, in an amount not to exceed $300,000. Costs which exceed this amount shall be borne by the Municipality.

Division 7

Charter Development Company, LLC Guildford County 36249.3649	This Project consists of the providing a traffic signal installation at the intersection of US 70 (Burlington Road) and SR 2848 (Flemingfield Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is $5,000.
Town of Jamestown Guilford County EB-5517 50033.3.1	This Project consists of construction of approximately 1400 feet of sidewalk along the north side of East Fork Road between the existing sidewalk and the existing Bicentennial Greenway Trail in Jamestown. This Supplemental Agreement is to extend the completion date for the Project to January 7, 2019 in lieu of August 31, 2016.

Division 9

Jemsite Development, LLC Forsyth County 36249.3646	This Project consists of traffic signal review and inspection for Signal #09-0731 at the intersection of SR 1528 (Silas Creek Parkway) and SR 4463 (Fairlawn Drive). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is $5,000.

NCDOT June 30, 2016 Board of Transportation Agenda

Division 9, cont.

Winston-Salem Forsyth County Board of Education Forsyth County 36249.3651	This Project consists of patching, crack sealing, and fog seal on school bus drives at Carver High School and Reagan High School in Forsyth County. The Department shall be responsible for all phases of the work. The Board of Education shall reimburse the Department 100% of the actual cost of the Department's work. The estimated cost is $30,000.
Town of Rural Hall Forsyth County U-4741OJ 39745.1.F27 39745.2.F27 39745.3.F27	This Project consists of the construction of sidewalks, curbing and drainage on NC 65 W. This Supplemental Agreement extends the completion date of the Project to October 22, 2018, in lieu of August 31, 2015.

Division 12

H & A Property, LLC Lincoln County 36249.3647	This Project consists of the review and inspection of signal 12-1568 located at the intersection of SR 1379 (Webbs Road) and NC 16 Business. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is $5,000.
Catawba Valley Community College Catawba County 36249.3648	This Project consists of the signal upgrade at signal 12-1556 located at the intersection of SR 1005 (Startown Road) and SR 2932 (Catawba Valley Boulevard)/College Drive South. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is $5,000.

Division 13

Town of Rutherfordton Rutherford County 44767.3.1	This Project consists of the installation of a pedestrian actuated crossing system on US 74A, Railroad Avenue at 2nd Street between the Town of Spindale and the Town of Rutherfordton. The Department shall be responsible for all phases of the Project. The Department shall participate in the construction costs in the amount of $34,000. The Town of Rutherfordton shall participate in the amount of $17,000 and the Town of Spindale shall participate [through a separate agreement] in the amount of $17,000. Costs which exceed the total estimated costs of $68,000 shall be borne by the Department.
Town of Spindale Rutherford County 44767.3.1	This Project consists of the installation of a pedestrian actuated crossing system on US 74A, Railroad Avenue at 2nd Street between the Town of Spindale and the Town of Rutherfordton. The Department shall be responsible for all phases of the Project. The Department shall participate in the construction costs in the amount of $34,000. The Town of Spindale shall participate in the amount of $17,000 and the Town of Rutherfordton shall participate [through a separate agreement] in the amount of $17,000. Costs which exceed the total estimated costs of $68,000 shall be borne by the Department.

Division 14

Evergreen Packaging Haywood County 36249.3521	This Project consists of the installation of a rapid flashing beacon and pedestrian warning sign on SR 1643 at Bridge Street in Canton. This Supplemental Agreement is to expand the project scope to include the installation of a rapid flashing beacon at 890 Fibreville Road. The Developer shall reimburse the Department an additional $12,400.

NCDOT July 2016 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, 2016.

Division	County	Municipality	Road	Termini	Length
9	Forsyth 2016_07_M001	Kernersville	SR 2636	To delete (SR 2636) Beeson Road	0.73

NCDOT July 2016 Board of Transportation Agenda

No.		Enacted Page No.
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
4	Approval of Conveyance of Highway Right of Way Residues	R-4
5	Approval of Conveyance of Surplus Highway Right of Way	R-5
6	Approval of Conveyance of Permanent Utility Easement	R-6
7	Approval of Advance Acquisition of Highway Right of Way	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 Unit in the Department of Transportation in Raleigh.

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

(Division 4)

Johnston County; I.D. No. W-5204E; Project No. 45334.2.5:
SR 1524 (Old Drug Store Road) from Fawn Hill Court to NC 50

Johnston County; I.D. No. U-3334B; Project No. 34929.2.5:
SR 1923 (Booker Dairy Road Extension) from SR 1003 (Buffalo Road) to US 301 (Brightleaf Boulevard)

(Division 5)

Granville County; I.D. No. C-5569; Project No. 50106.2.F1:
City of Oxford – Construct sidewalk and crosswalk enhancements at various locations

(Division 7)

Guilford County; I.D. No. U-2525C; Project No. 34821.2.4:
Greensboro Eastern Loop from US 29 North of Greensboro to SR 2303 (Lawndale Drive)

PRELIMINARY RIGHT OF WAY PLANS **4 PROJECT(S)** **$0.00**

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 3)

Project No. 17BP.3.R.28; New Hanover County; I.D. No. N/A:
Grading, drainage, paving and culvert on Greenfield Lake Culvert with the right of way indicated upon the final plans for said project.

(Division 4)

Project No. 38533.2.3; Halifax County; I.D. No. B-4761:
Grading, drainage, paving and structure on Bridge No. 29 over Little Fishing Creek on NC 561 with the right of way indicated upon the final plans for said project.

(Division 9)

Project No. 34156.2.1GV2; Rowan/Davidson Counties; I.D. No. I-2304AC:
Grading, drainage, paving and structures on I-85 from North of SR 2120 (Long Ferry Road, Exit 81) in Rowan County to North of NC 150 in Davidson County with the right of way indicated upon the final plans for said project.

Project No. 34156.2.2GV2; Davidson County; I.D. No. I-2304AD:
Grading, drainage, paving and structures on I-85 from North of NC 150 to US 29-52-70/I-85 Business with the right of way indicated upon the final plans for said project.

(Division 10)

Project No. 42265.2.1; Cabarrus County; I.D. No. B-5123:
Grading, drainage, paving and structures on Bridge No. 14 and 19 over Rocky River and Access Road on US 29 with the right of way indicated upon the final plans for said project.

FINAL RIGHT OF WAY PLANS **5 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 6)

Project No. 36492.2.2; I.D. No. U-4444B; Cumberland County:
Final Right of Way plans approved on the minutes of the November 8, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 6 as presented at the June 30, 2016 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 10)

Project 8.U672205, Parcel R-2248BB 918, I-485 (Charlotte Outer Loop) from North of I-85 to North of NC 27
Mecklenburg County
Conveyance of an approximate 0.502-acre residue area to Andrew G. Zoutewelle for the high bid amount of $12,500.00.

Project 32213, Parcel P-3800 004-10, Charlotte Locomotive and Railcar Maintenance Facility
Mecklenburg County
Conveyance of an approximate 2.907-acre residue area to the City of Charlotte for the appraised value of $11,968,625.00.

(Division 14)

Project 33097.2.2, Parcel B-3480 002, Bridge #39 over East Fork near Tuckasegee River
Jackson County
Conveyance of an approximate 0.436-acre residue area to Patricia Powell for the high bid amount of $2,300.00.

CONVEYANCE ROW RESIDUE **3 PROJECT(S)** **$11,983,425.00**

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 9)

Project 8.17478, parcels 159 and 159A, Interchange of US 421/I-40 and SR 4326 (Martin Luther King Jr. Drive)
Forsyth County
Conveyance of an approximate 0.201-acre surplus right of way area to Winston Salem State University for the enhancement value of $26,275.00.

(Division 13)

Project 8.1843302, U-2801B 149, US 25A (Sweeten Creek Road) from South of SR 3081 (Rock Hill Road) to South of SR 3079 (Roberts Road)
Buncombe County
Conveyance of an approximate 0.240-acre surplus right of way area to Blue Ridge Holdings Partners, LLC for no monetary consideration.

CONVEYANCE OF SURPLUS RIGHT OF WAY 2 PROJECT(S) $26,275.00

Approval of conveyance of Permanent Utility Easement

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

(Division 6)

Project 35196.2.4, Parcel X-0002C 081, Fayetteville Outer Loop from East of NC 87/210 to West of US 401
Cumberland County

The Department acquired a residue property from Hugh H. Mackey and wife, Thelma T. Mackey for construction near the Fayetteville Outer Loop. The Fayetteville Public Works Commission has requested an approximate 0.100-acre permanent easement and an approximate 0.024-acre temporary construction easement to construct and maintain a 16" water main pipeline for the North Fayetteville Water System Improvement Project. The Department has determined that the conveyance of the permanent easement and temporary construction easement would cause no damage to the residue property. The Fayetteville Public Works Commission has agreed to the conveyance for $900.00.

Approval of Advance Acquisition of Highway Right of Way

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

Division 10

Property of Mahmmud (Mike) and Melanie Kirdasi
I.D. No. U-3467, Parcel #900,
WBS 39019.2.1, F. A. Project N/A,
County of Union

CONVEYANCE OF ADVANCE ACQUISITION	**1 PROJECT(S)**	**$0.00**

R-ITEM SUMMARY	**17 PROJECT(S)**	**TOTAL: $12,010,600.00**

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

There will be no Maintenance Allocation submitted to the Board for approval at the July 2016 Board meeting.

There are no Comprehensive Transportation Plans to be presented for approval at the June 30, 2016 Board of Transportation Meeting.



Nothing Compares
NORTH CAROLINA

Board of Transportation, June 29, 2016

Product Evaluation Program Awareness

Jessica Kuse, PE and Ben Johnson, PE



Innovative Technologies and Products Awareness Plan Overview

Plan Vision and Goal

- ✓*Increase the Use of Innovative Technologies and Products by Bringing Greater Visibility and Public Awareness to NCDOT's Product Evaluation Program*
- ✓*Become a Global Leader in Providing Innovative Transportation Solutions*
- ✓*Shift From a Passive Business Model to an Active Pursuit of New Technologies and Products*
- ✓*Comprehensive Product Evaluation Program Will Now Be Enhanced*

Innovative Technologies and Products Awareness Plan Overview

Strategy

- ✓*Marketing and Communications*
  - Expand the mass appeal of new innovative technologies and products while marketing for innovative solutions NCDOT needs
  - Continuous Request For Information (RFI)
- ✓*Information Technology*
  - Improve our internal efficiencies and the evaluation process
- ✓*Product and Technology Implementation*
  - Improve our success rate of implementation
  - Research Projects
  - Outreach to other state DOTs regarding their Product Evaluation Process

Proposed Timeline

☑ December 2015	Board of Transportation's Innovative Technologies and Products Awareness Plan Submitted to the JLTOC
☑ March 2016	First Meeting of Technology and Products Oversight Committee
☑ May 2016	Committee Begins Setting Milestones & Metrics for the Product Evaluation Program
☑ June 2016	Product Evaluation Program Launches Pilot Products Web Portal
☑ July 2016	2nd Quarterly Implementation Update to the Board of Transportation

Proposed Timeline

☐ July 2016	Draft Communication Plan
☐ July 2016	Outreach efforts continue
☐ August 2016	Expand Pilot Web Portal
☐ September 2016	Continued enhanced processes
☐ September 2016	Oversight Committee Meeting
☐ October 2016	3rd Quarterly Implementation Update to the Board of Transportation

Quarterly Product Status Review

Product Name	Review Status	Presented
Turtle Friendly Red Flood Light	Approved for Provisional Use	January 7, 2016
Lookout Warning Alert	Approved	February 4, 2016
Basalt Fiber Reinforced Polymer Rebar (BFRP)	Accepted for Field Trial Use	March 3, 2016
MoorMaster - Automated Mooring System	Completed	April 7, 2016
RenewWrap ESR	Under Evaluation	May 4, 2016
Rhino Lining Sectional Liner	Under Evaluation	June 1, 2016

Product Highlight (Approved)
Anova Rejuvenator & PG Modifier

- Anova is a line of modified vegetable oil based asphalt additives
- Rejuvenator
  - Used to restores properties of aged bitumen in RAP and RAS
  - Allows for a higher percentage of RAP and RAS in mix designs
- PG Modifier
  - Shift the PG grade of virgin bitumen
  - Enhances low temperature cracking resistance of asphalt mixture without negatively impacting rutting resistance

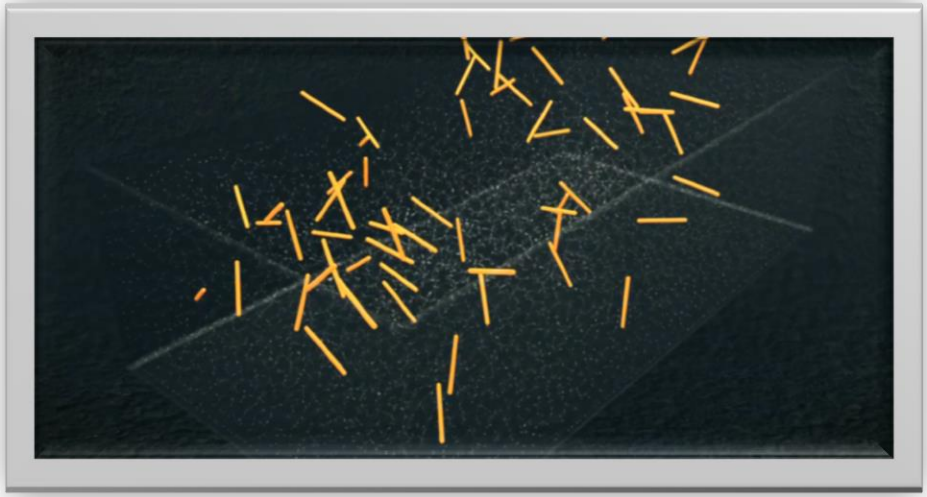


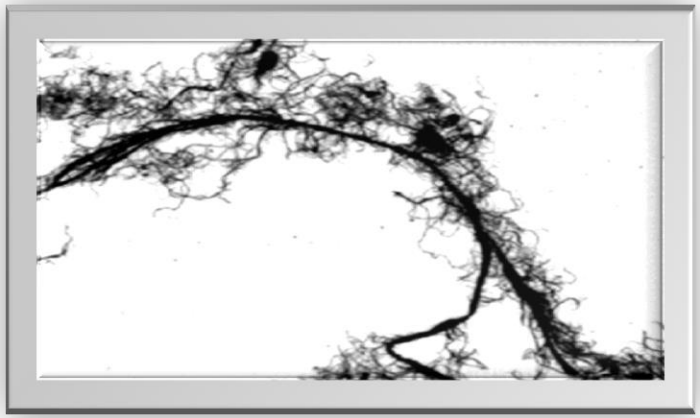
Product Highlight (Under Evaluation)
ACE Fiber

- Asphalt Reinforcement consisting of Aramid fibers and Sosabit wax
- 400,000 PSI tensile strength per fiber strand
- When added to asphalt, it provides:
    - 50% increase in rut resistance
    - 140% increase in crack resistance
    - 30% reduction in raveling



Product Highlight (Under Evaluation)
ACE Fiber









JOINT COMMITTEE MEETING (FAST/EDIR) MEETING MINUTES

Transportation

DATE: 6/1/2016 TIME: 1:39 LOCATION: 150

MEETING CALLED BY	EDIR Chairman Terry Hutchens
BOARD ATTENDEES	FAST Chairwoman Cheryl McQueary, EDIR Chairman Terry Hutchens, FAST Vice Chairman Jim Crawford, EDIR Vice Chairman Hugh Overholt, Mr. David Brown, Mr. Andy Perkins, Mr. Jack Debnam, Mr. Malcolm Fearing, Mr. Gus Tulloss, Mr. Ferrell Blount, Ms. Sandra Fountain, Mr. Jeff Sheehan, Mr. Jake Alexander, Ms. Tracy Dodson, BOT Chair Ned Curran Mr. David Tyeryar (staff), Mr. Sebastian Montagne (Staff)

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF MAY MINUTES – CHAIRMAN HUTCHENS	
DISCUSSION SUMMARY	
ACTIONS TAKEN	Approved unanimously

2. NORTH CAROLINA MILITARY AFFAIRS COMMISSION (NCMAC) UPDATE – CORNELL WILSON JR., MAJOR GENERAL, USMC, RETIRED, MILITARY AFFAIRS ADVISOR	
DISCUSSION SUMMARY	Verbal presentation with handout focused on the military's economic impact on North Carolina by way of jobs and contracts with the Department of Defense. Also discussed ways to support servicemembers including Veteran's nursing homes and cemeteries and HB595 making it easier for military personnel to convert to civilian positions in the state (i.e. law enforcement and commercial drivers). He discussed the new Strategic Plan for Supporting and Enhancing North Carolina Military Missions and Installations which attempts to ensure NC is in an advantageous position as the DoD adjusts to budget constraints. He discussed the missions of the various North Carolina military installations including the F-35 and the vertical lift facility coming to MCAS Cherry Point.
ACTIONS TAKEN	Information only. No action taken.

3. STATE FREIGHT PLAN KICKOFF – TERRY ARELLANO	
DISCUSSION SUMMARY	Verbal presentation on the multi-modal freight plan. Will return to EDIR in August for a more formal introduction to the plan. Suggested a freight plan subcommittee.
ACTIONS TAKEN	Information only. No action taken.

4. POLICIES & PROCEDURES FOR PROCUREMENT AND ADMINISTRATION OF MAJOR PROFESSIONAL OR SPECIALIZED SERVICES CONTRACTS – RODGER ROCHELLE, ROBERT STROUP	
DISCUSSION SUMMARY	Presentation on changes made to the Policies & Procedures for Procurement and Administration of Major Professional or Specialized Services Contracts document updated to conform to the new Final Rule – 23 CFR 172 and restructured to have a more process-slow reading. No significant policy changes, only procedural changes for consistency across the Department.
ACTIONS TAKEN	Information only. No action taken.

5. ANALYSIS AND IMPROVEMENT OPPORTUNITIES FOR APPRAISALS OF PROPERTY (CONSTRUCTION PROJECTS) – MIKE HOLDER	
DISCUSSION SUMMARY	Presentation: Tasks completed include refining the process analysis to identify redundancies, duplication, non-value added activities and time compression. Also in collaboration with NCDOT Chief Engineer, ROW Unit and Appraisal Unit worked to select and prioritize recommendations - 13 of 49 cycle-time reduction recommendations and 3 of 17 condemnation reduction recommendations. Four committees were formed to pilot and finalize recommendations over the coming months.
ACTIONS TAKEN	Information only. No action taken.

6. OTHER BUSINESS: Chair McQueary advised members of the board a workgroup comprised of members and staff will be established to study options for reducing the Department's remnant property.

Adjourned: 3:04

JOINT COMMITTEE MEETING (FAST/EDIR) AGENDA

BOARD OF TRANSPORTATION

JUNE 29, 2016

TIME: 1:45 p.m. – 3:00 p.m.

LOCATION: Room 150

TOPIC	PRESENTER
Call to Order - Approval of June minutes	C. McQueary, Chairwoman FAST T. Hutchens, Chairman EDIR
Proposed Revisions to the Non-Metropolitan Local Officials Participation Process	Terry Arellano
Transportation Revenue	H. Tasaico
Comments and Wrap-up	C. McQueary, Chairwoman FAST T. Hutchens, Chairman EDIR



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NORTH CAROLINA

NC Board of Transportation – July 2016

Proposed Revisions to the Non-Metropolitan Local Officials Participation Process

Terry C. Arellano, PE – Transportation Planning



23 CFR 450.210
Interested parties, public involvement, and consultation

Requires that the State:

- **Provide for** nonmetropolitan local official **participation** in the development of the long-range statewide transportation plan and the STIP
- **Have a documented process** for consulting with non-metropolitan local officials in the development of the long-range statewide transportation plan and the STIP
- **Review and solicit comments** from non-metropolitan local officials regarding the effectiveness of the consultation process and any proposed changes at least once every five years

These requirements are satisfied through NCDOT's Unified Public Engagement Process

Unified Public Engagement Process (UPEP)

- Originally developed in September 2011
- Documents NCDOT's process for public involvement responsive to both federal regulations and good planning practice

  ☑ ***Documents process***

- Chapter 3 meets the federal requirements of 23 CFR 450.210(b) requiring a documented process for participation of and consulting with non-metropolitan officials

  ☑ ***Provides for participation***

- Responsive to the five-year update requirement, NCDOT is currently seeking review & comment on the portions of the UPEP addressing this process

  ☑ ***Review & solicit comments***

Unified Public Engagement Process (UPEP)

Please note:

- Project Development & Environmental Analysis is in the process of developing a public involvement plan for the Department
- This plan will include an update of the UPEP in its entirety
- Therefore, this Transportation Planning update only addresses participation of non-metropolitan officials in the transportation planning process

Summary of Proposed Revisions to UPEP

Proposed modifications:

- Modification to reflect 19 MPOs in the North Carolina due to the 2010 US Census update
- Removal of references to the now defunct *NCDOT 10-Year Program and Resource Plan*
- Inclusion of a reference to the *NCDOT Interagency Coordination Protocol for North Carolina's Transportation Planning Process* completed in 2016
- Minor grammatical and clarification changes

Solicitation for Review & Comment of Proposed Revisions to UPEP

Schedule:

June 14, 2016 – Proposed revisions distributed to RPOs for review & comment

- *Shared with NC Association of RPOs*
- *Posted to NCDOT website*

August 15, 2016 – Deadline for submitted comments on proposed revisions

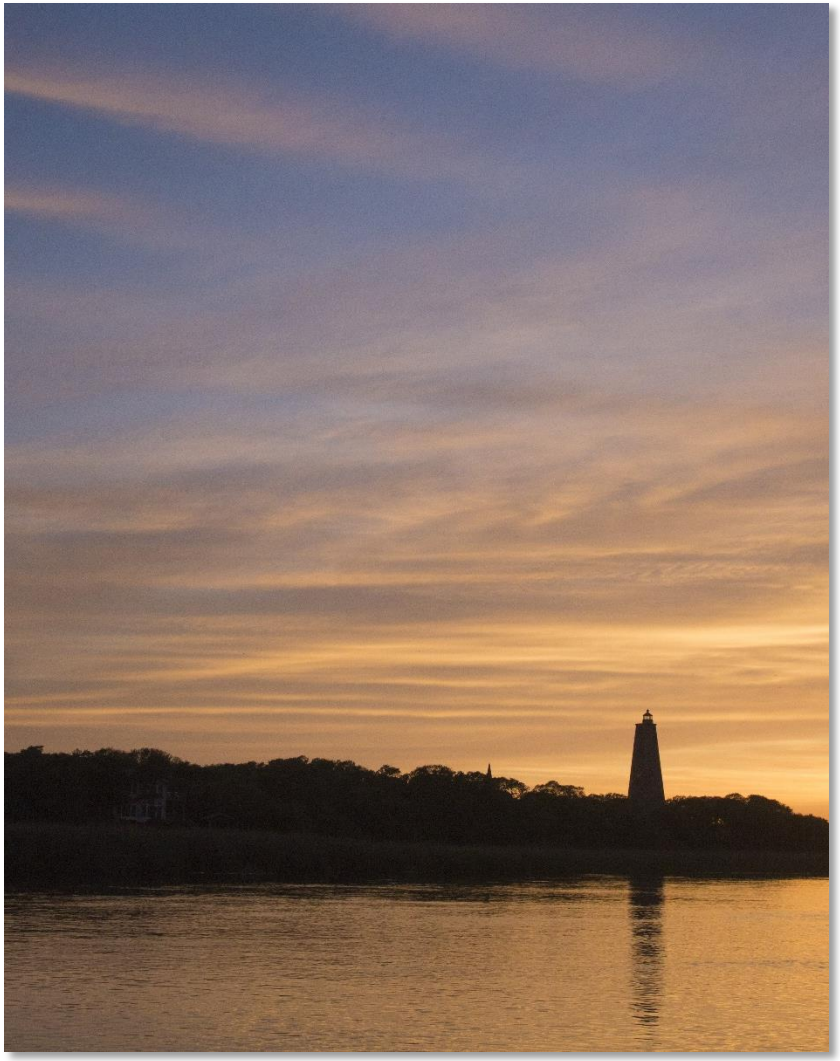
August 31, 2016 – Approval of revised UPEP and submittal to FHWA

Solicitation for Review & Comment of Proposed Revisions to UPEP

- www.ncdot.gov/performance/reform/

- Existing UPEP
- Draft Proposed Revisions

Questions or Comments?



Terry C. Arellano, PE

Transportation Planning Branch

tarellano@ncdot.gov

919-707-0960



Nothing Compares
NORTH CAROLINA

FAST-EDIR Joint Committee – June 29, 2016

Transportation Revenues

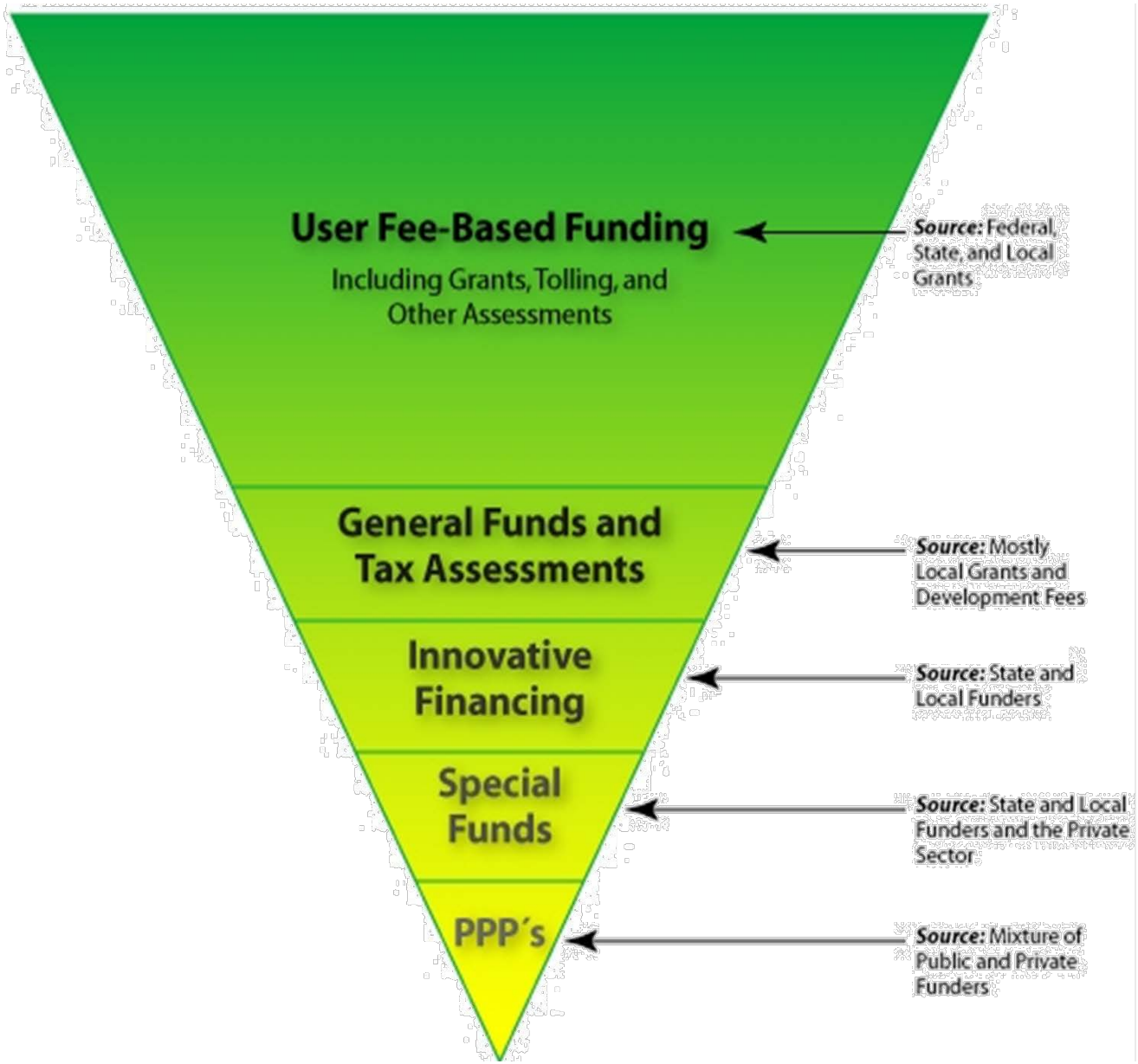
H. Tasaico



Presentation Outline

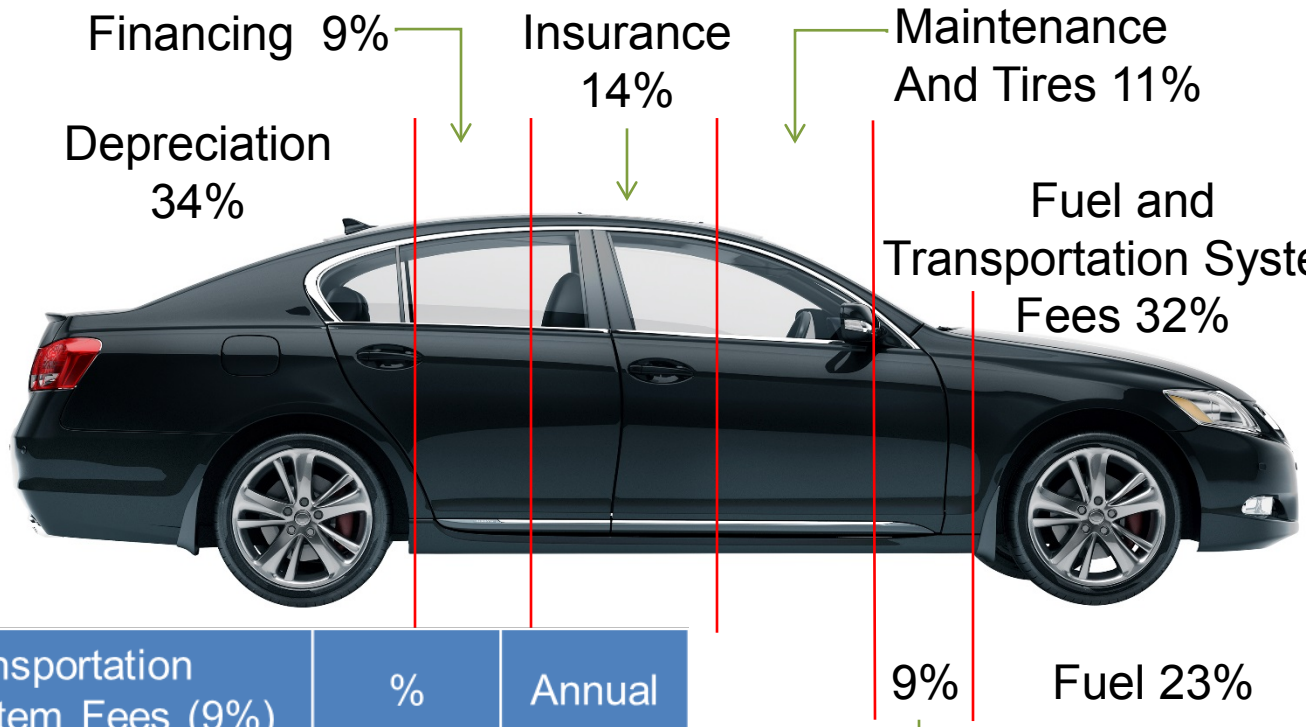
- Infrastructure Funding and Vehicle Ownership
- Current Funding
  - Federal – FAST Act Review
  - State – Sources
  - State – Forecasting Enhancements
  - State – 2015 Legislative Revenue Review
- SFY 2016 Preliminary Year-end Performance
- 5 Year Revenue Forecasting Performance

Funding for Infrastructure Projects



Vehicle Ownership - $7,100/year





Transportation System Fees (9%)	%	Annual
Fuel Taxes	66	$422
DMV Fees	15	$96
Civil Penalties	1	$6
Highway Use Tax	13	$83
Other	5	$32
Total		$640

nc North Carolina Chamber A force for business.

ITRE

Current Funding

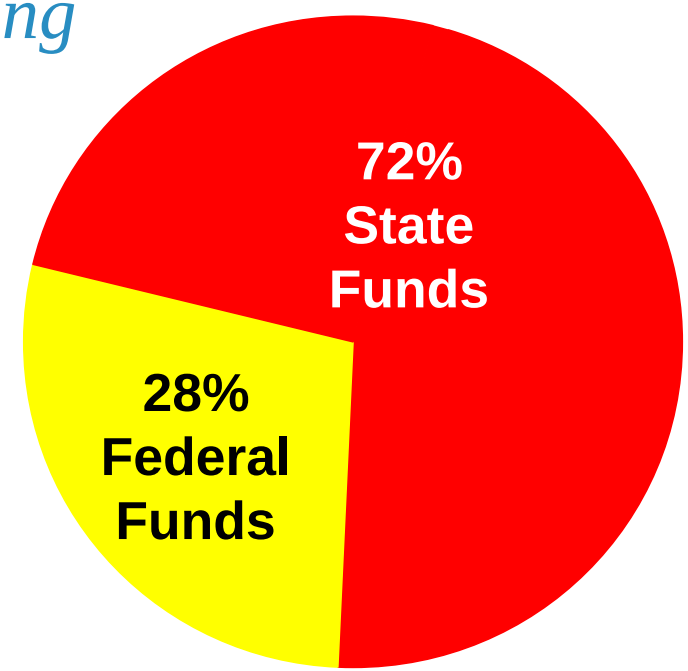
State Funding



Motor Fuel Tax 55%

Highway Use Tax 20%

Fees 25%



Federal Funding (since 2008)

- No Political Appetite for National Solutions
- Up to States to Fix



Motor Fuel Tax 70%

Fees 10%

General Fund 20%

Federal Transportation Revenues



Motor Fuel Tax 70%

Fees 10%

General Fund* 20%

*$143.6 billion since 2008 (through 1/2016)

Federal Aid Overview

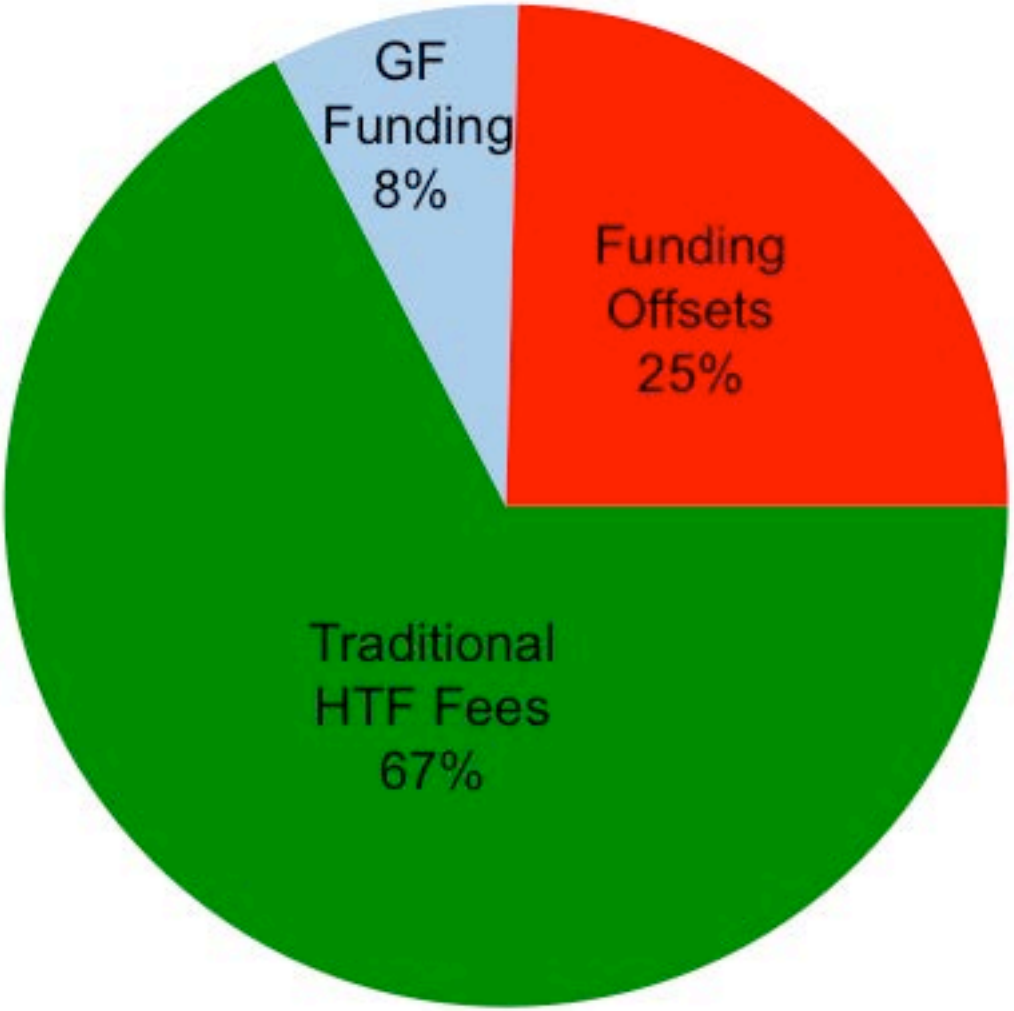
- Notable Authorization Acts
  - 1916 First Act
  - 1956 Highway Trust Fund
  - 1982 Mass Transit Account
  - 1991 First of multi-year acts (ISTEA)
  - 2015 FAST Act

- Funding tied to specific systems
  - 25% of NC mileage eligible
- Matching requirements (20%)
- Reimbursement Program

Program Availability (4 Years)

Obligation Limitation (1 Year)

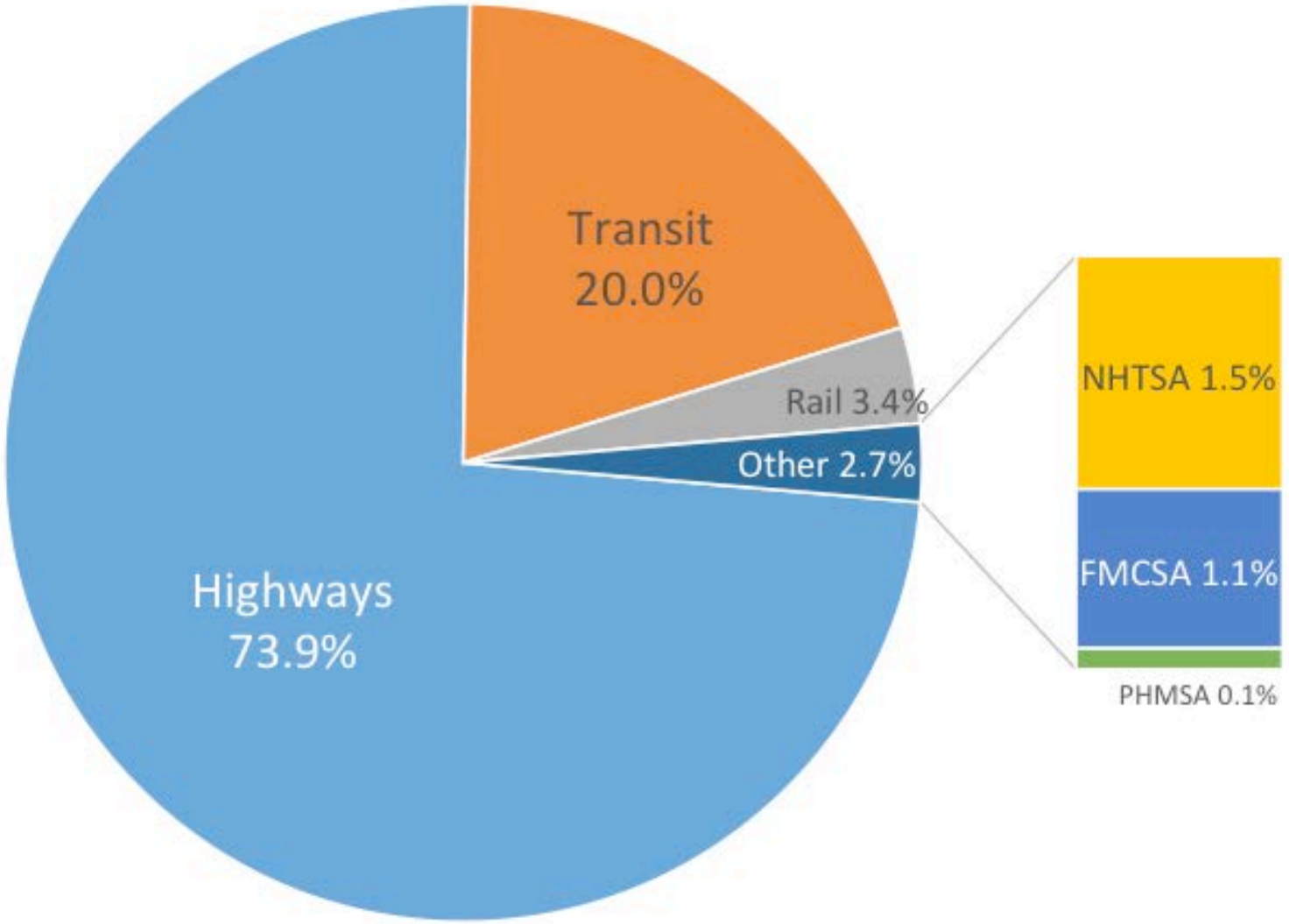
FAST– Financing Plan



Total 5 year $305.5 B
Funding Offsets $75.2 B

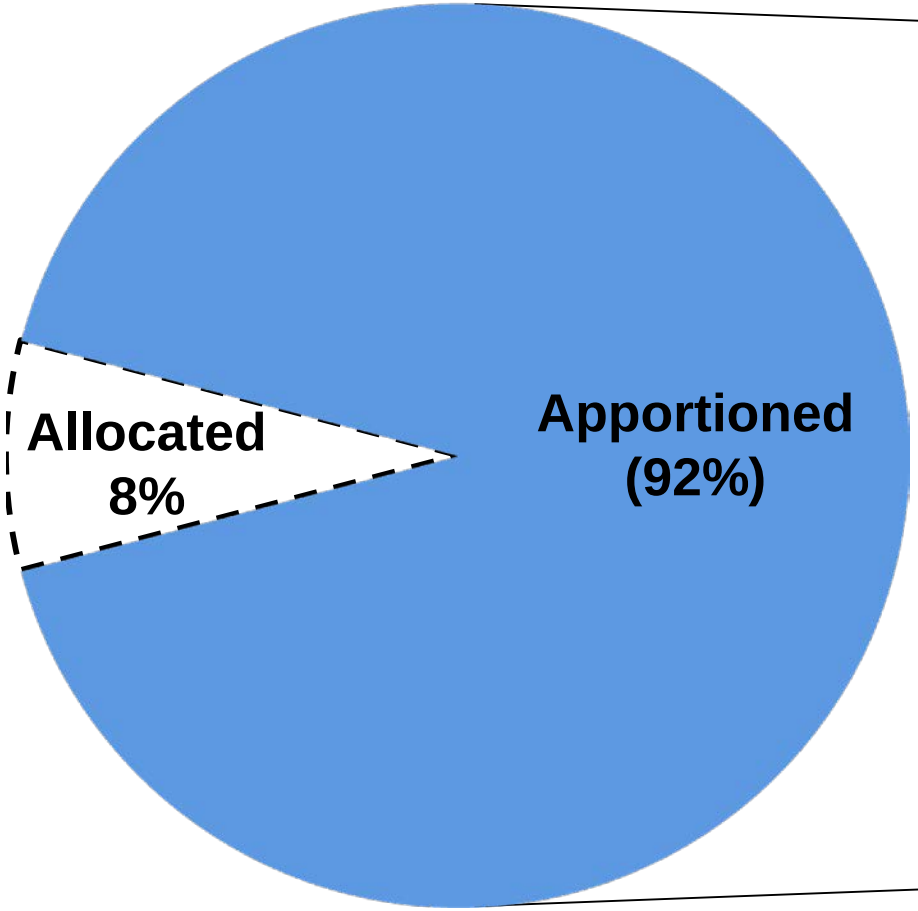
Since 2008 Transfer Amount to $143.6 B

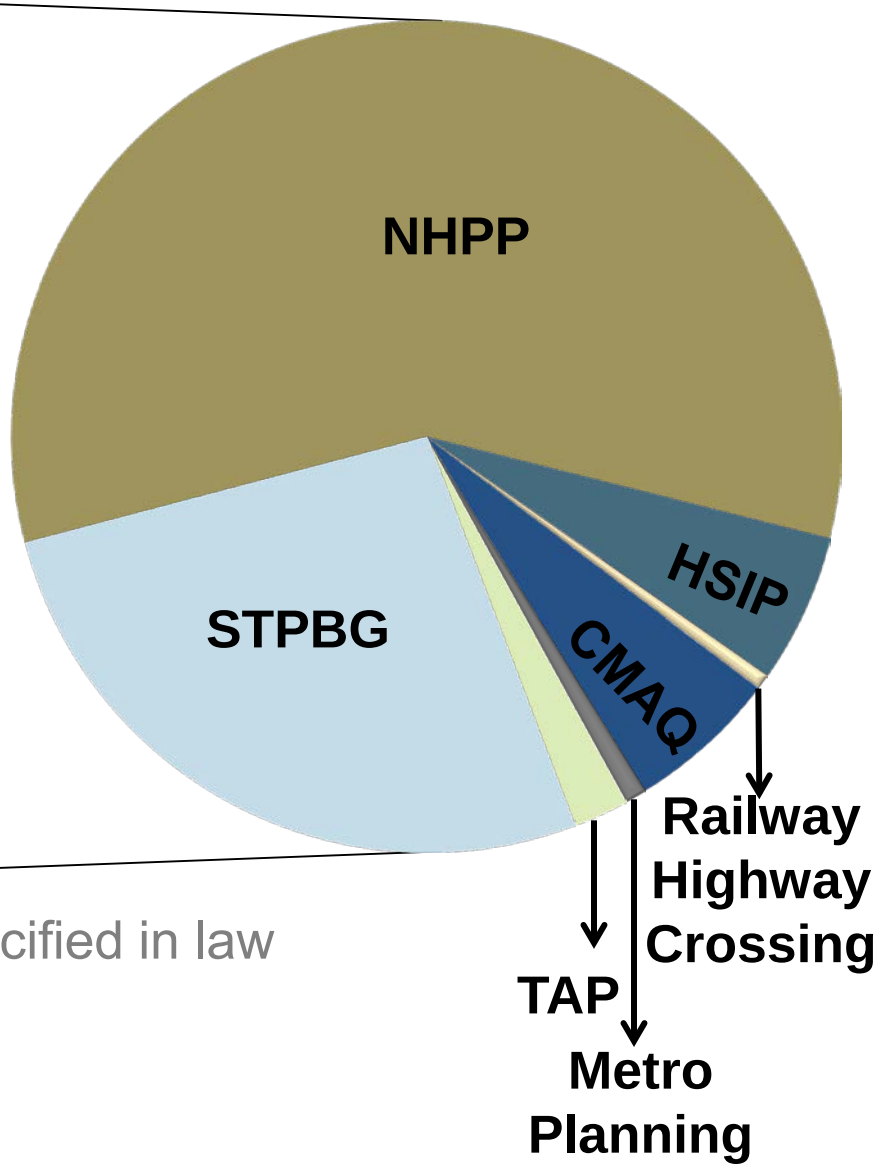
FAST– Authorized Uses



NHTSA – National Highway Traffic Safety Administration
FMCSA – Federal Motor Carrier Safety Administration
PHMSA – Pipeline and Hazardous Materials Safety Adm.

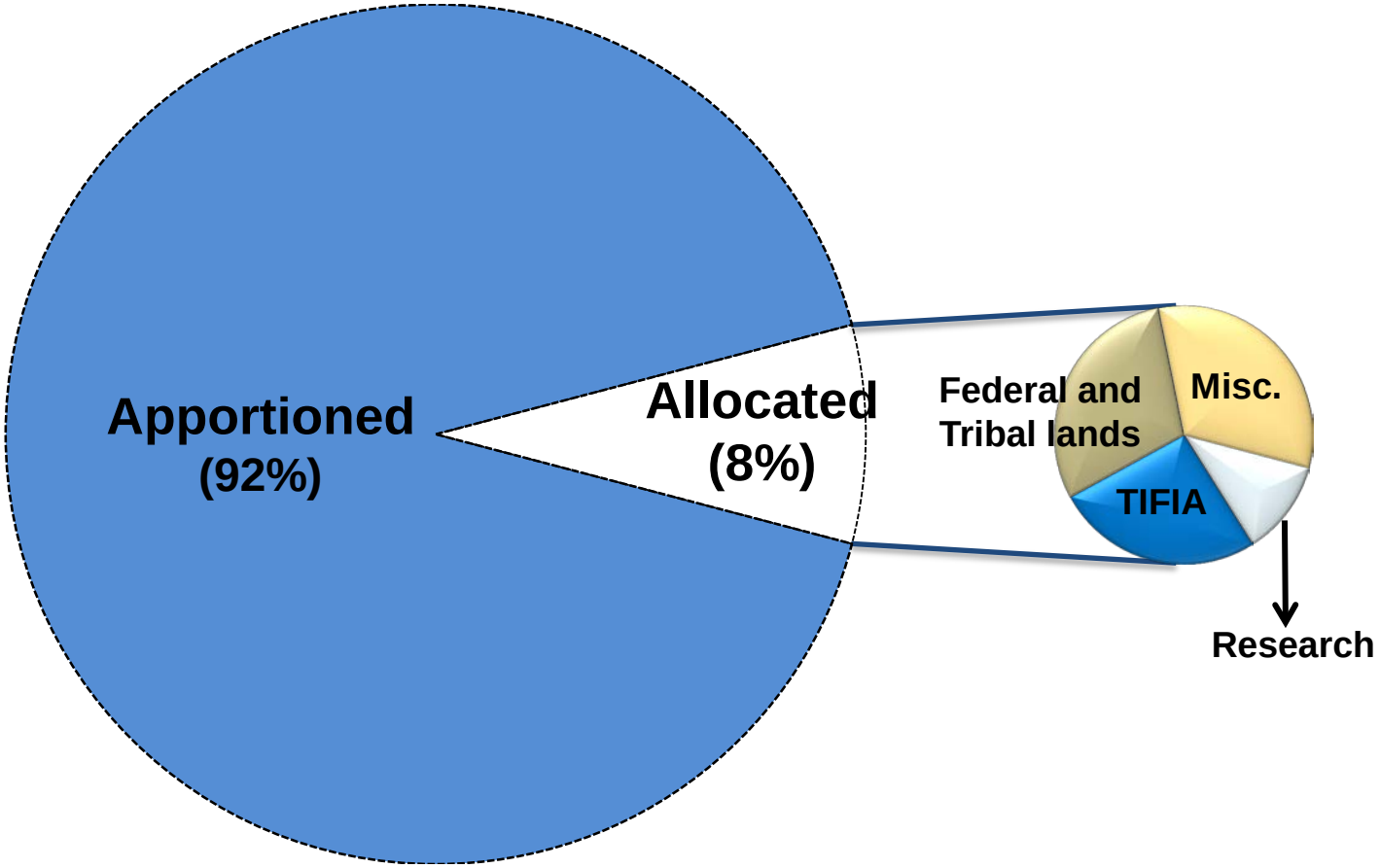
FAST Highway Funds – 92% Apportioned By Formula





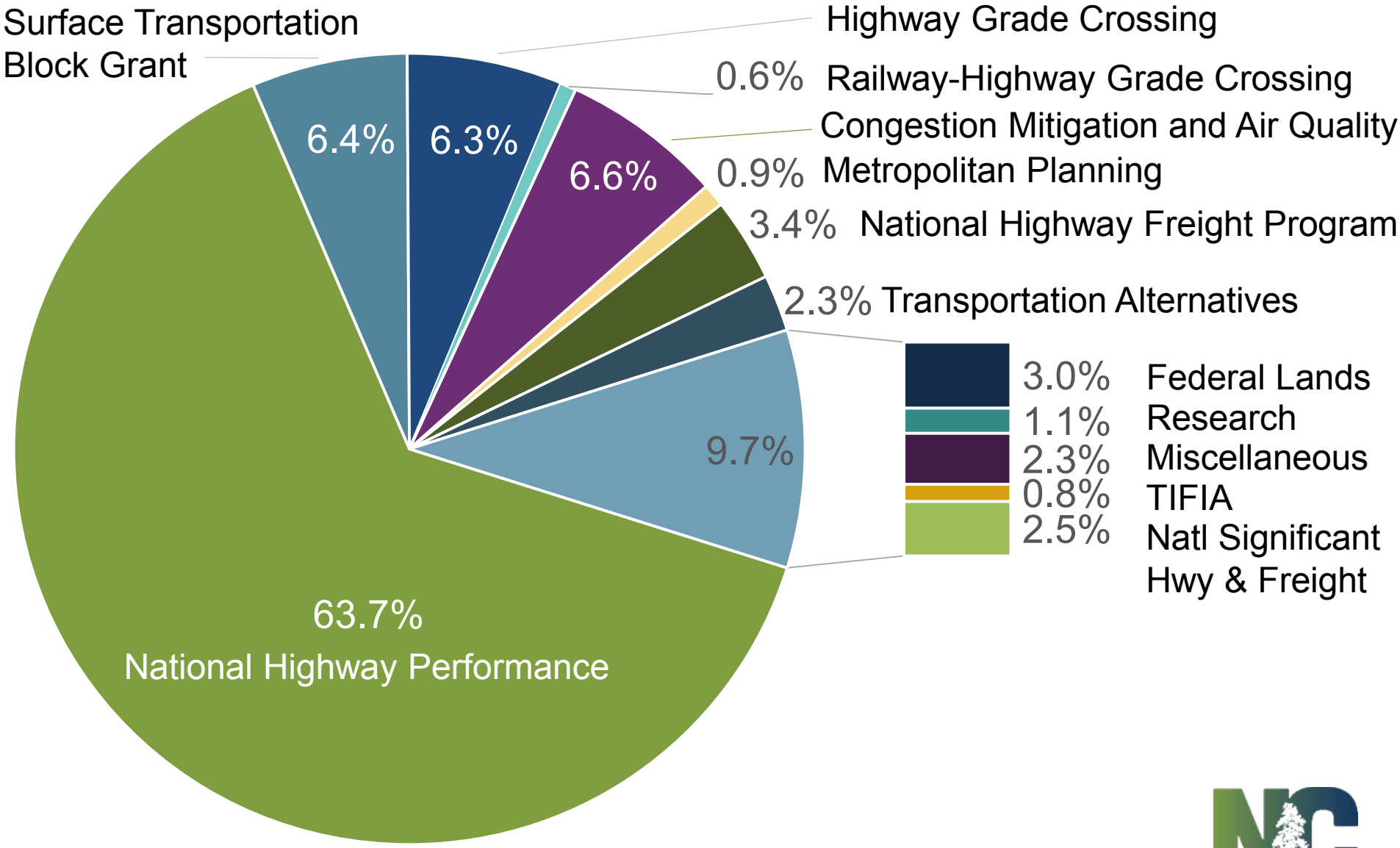
- Distributed by formula specified in law
- Distributed on October 1st
- Withdrawn only by law
- All States are recipients

FAST Highway Funds – 8% Allocated Discretionarily

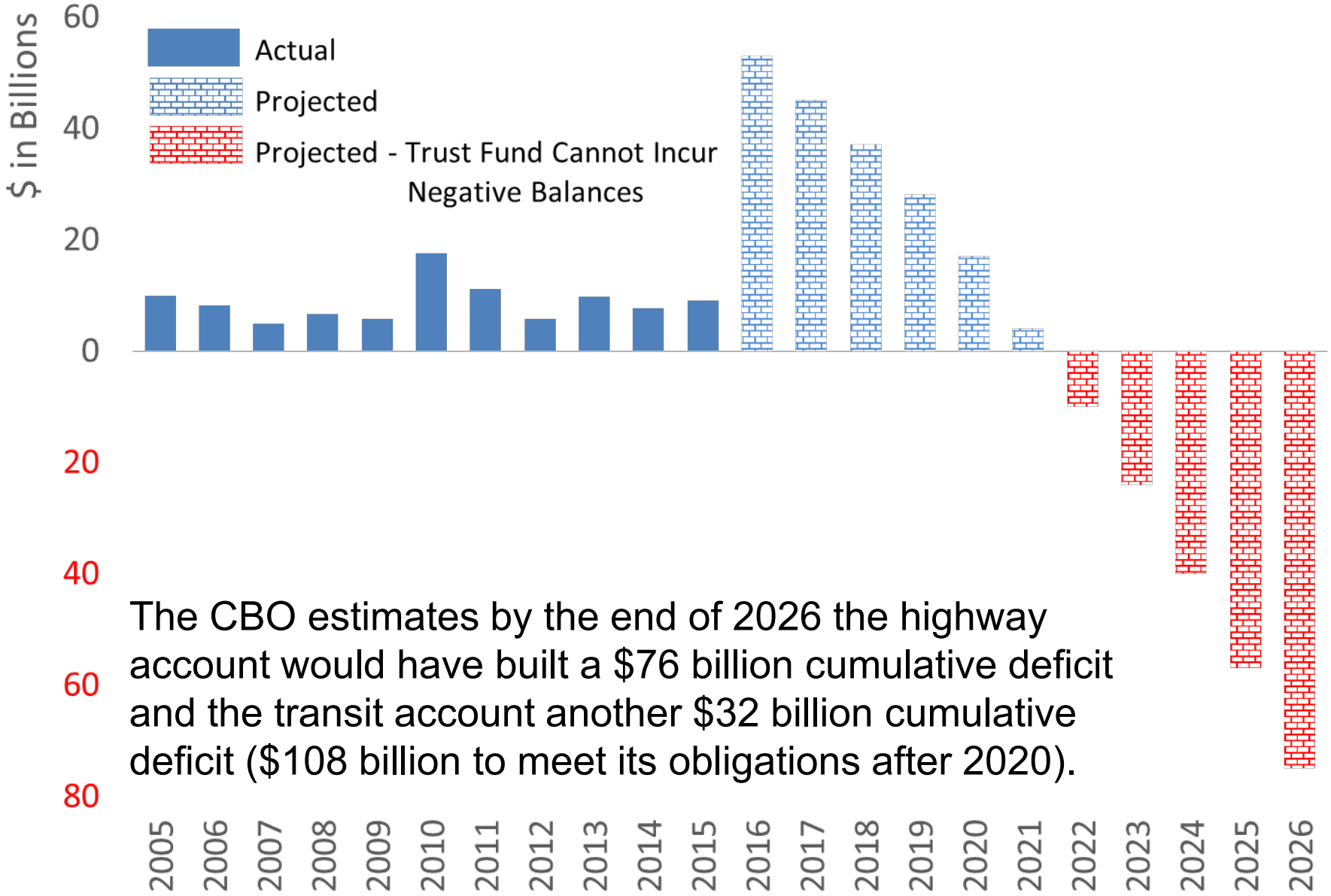


- No formula specified by law
- Distributed throughout the year
- Discretionary grants may be withdrawn by administrative action
- Only some States are recipients

Federal Aid in NC (FAST)

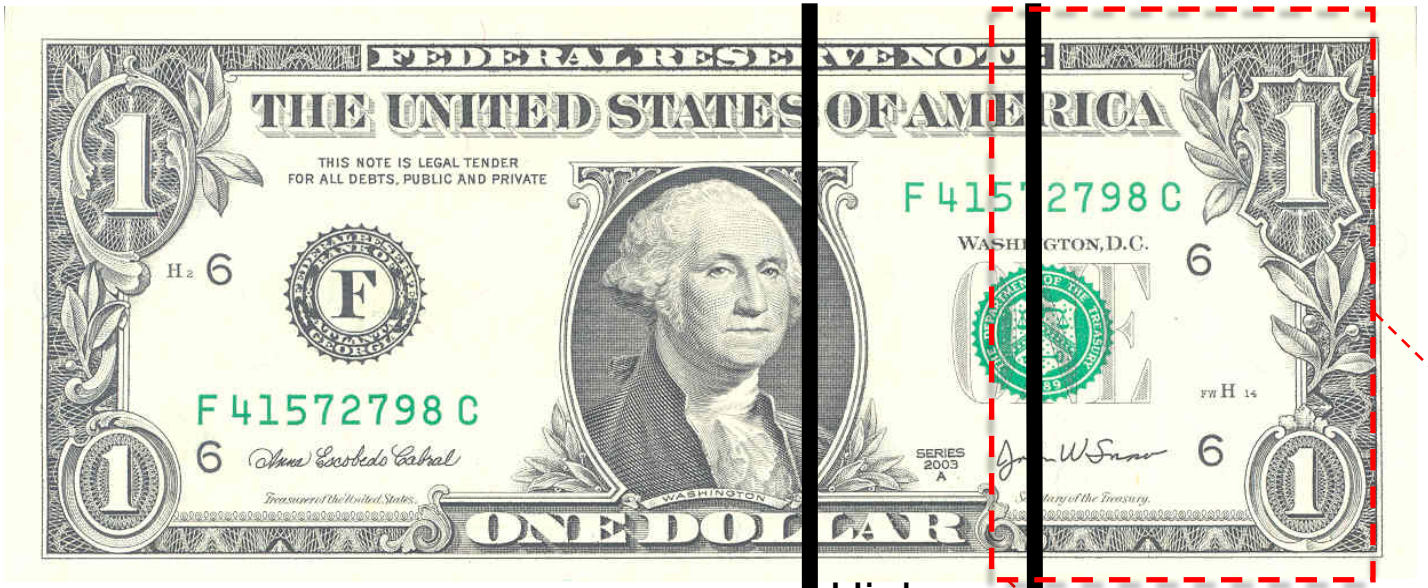


Federal Highway Trust Account Fund Projected Year-end Closing Cash Balance (CBO 3/2016 Baseline)



The CBO estimates by the end of 2026 the highway account would have built a $76 billion cumulative deficit and the transit account another $32 billion cumulative deficit ($108 billion to meet its obligations after 2020).

State Revenue Sources



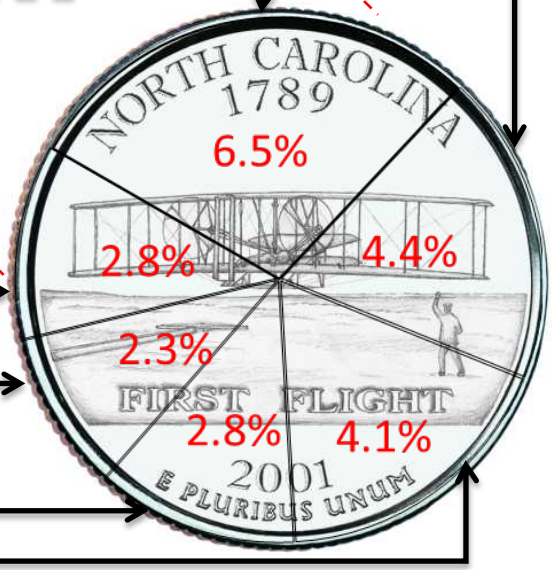
Motor Fuel Tax
55%

Highway Use Tax 20%

Fees
25%

Truck Registration

Vehicle Registration



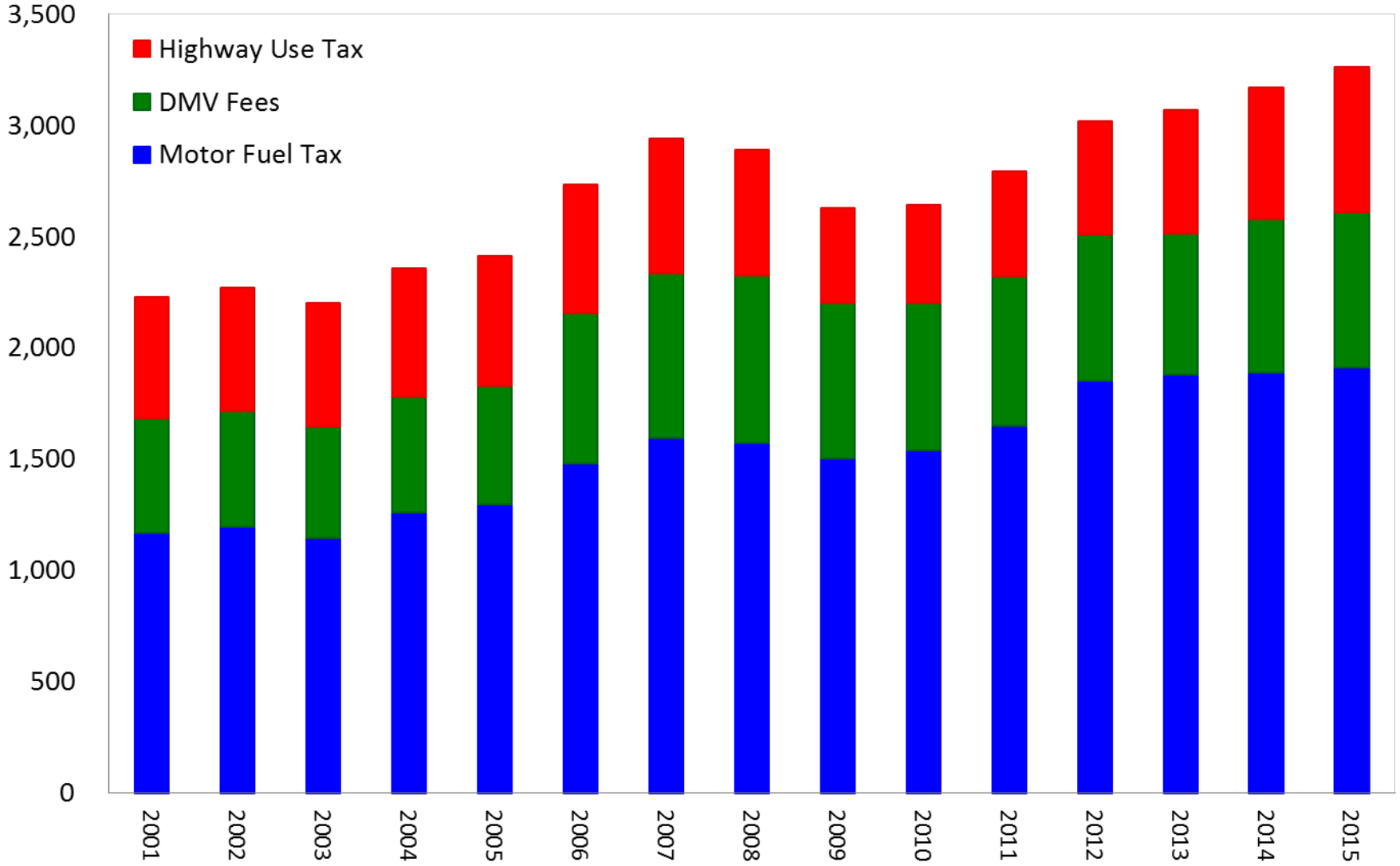
Other - 21 Fees

International Registration Plan

Certificate of Title

Driver Licenses

Transportation Revenue Sources (2001 – 2015)



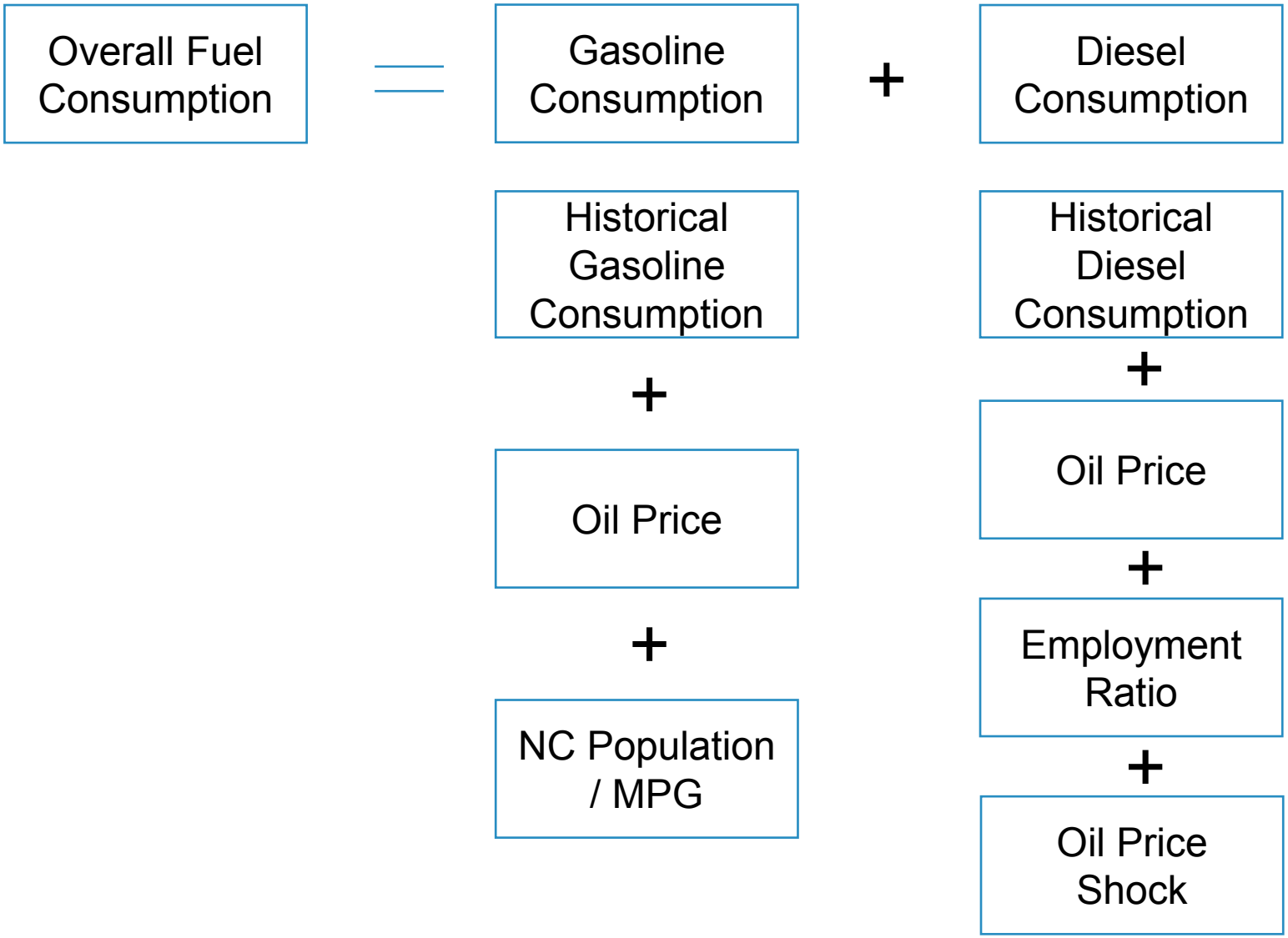
Revenue Variable and Data Sources

Source	Variables	Data Sources
Motor Fuel Tax	Rate	• US – EIA • Global Insight • Legislative
	Fuel Consumption	• In-House Model
DMV Fees	Rate	• General Statute
	Transactions	• Regression Analysis • Historical • NC Population Growth
Highway Use Tax	Rate	• General Statute
	Transactions	• Historical • NC Population Growth
	Vehicle Pricing	• Global Insight
Federal	Revenue	• Congressional Budget Office

Fuel Consumption Model - Data and Variables

- NC Department of Revenue
  - Monthly Actual Motor Fuel Consumption
- Global Insight - Quarterly forecasted variables
  - Global Crude Oil Prices
  - US Rolling MPG
  - NC Population
  - NC Construction Employment
  - NC Total Employment

Fuel Consumption Model - Data and Variables



Fuel Consumption Model - Forecasting Equation

$$\hat{Y} = Ø_1 Y_g + Ø_2 e_g + Ø_3 X_1 + Ø_4 X_2 + Ø_5 Y_0 + Ø_6 e_0 + Ø_7 X_1 + Ø_8 X_3 + Ø_9 X_4 + \gamma$$

Where:

$\hat{Y}$	Predicted fuel consumption
Øs	Optimized parameter estimates
Y_g	Historical gas consumption
e_g	Historical gas consumption errors
X_1	Oil price
X_2	NC population/national mpg
Y_0	Historical diesel consumption
e_0	Historical diesel consumption errors
X_3	NC construction employment/NC total employment
X_4	Oil price shock
γ	Intercept

Fuel Consumption Model - Data and Variables

NC Department of Revenue

- Monthly Actual Motor Fuel Consumption

Global Insight - Quarterly forecasted variables

- Global Crude Oil Prices
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- NC Population
- NC Construction Employment
- NC Total Employment



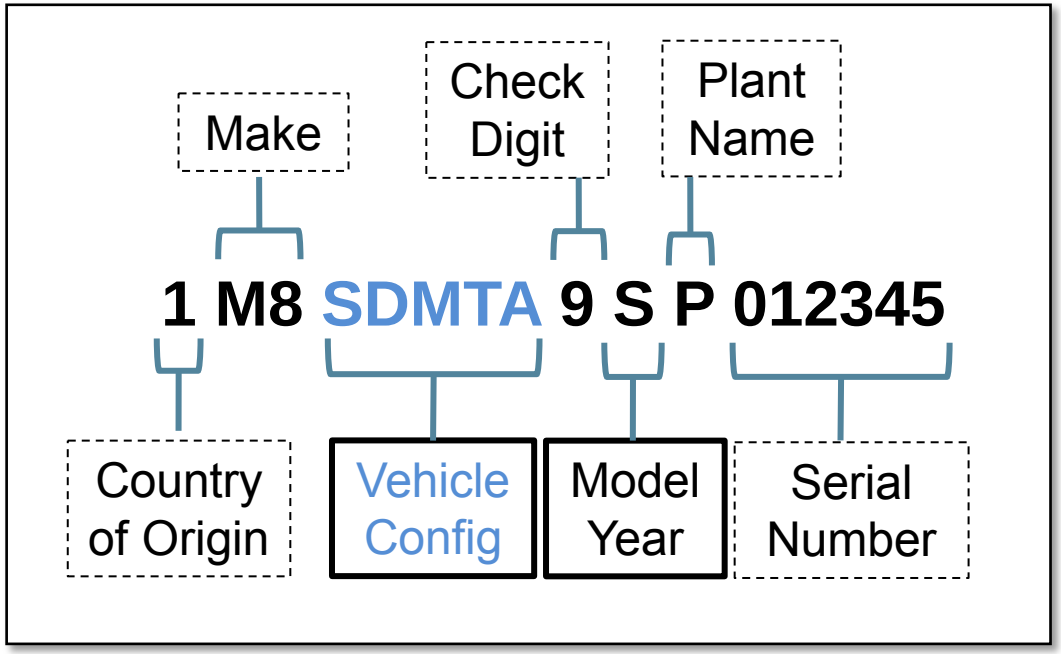
NC Rolling MPG - Data and Objective

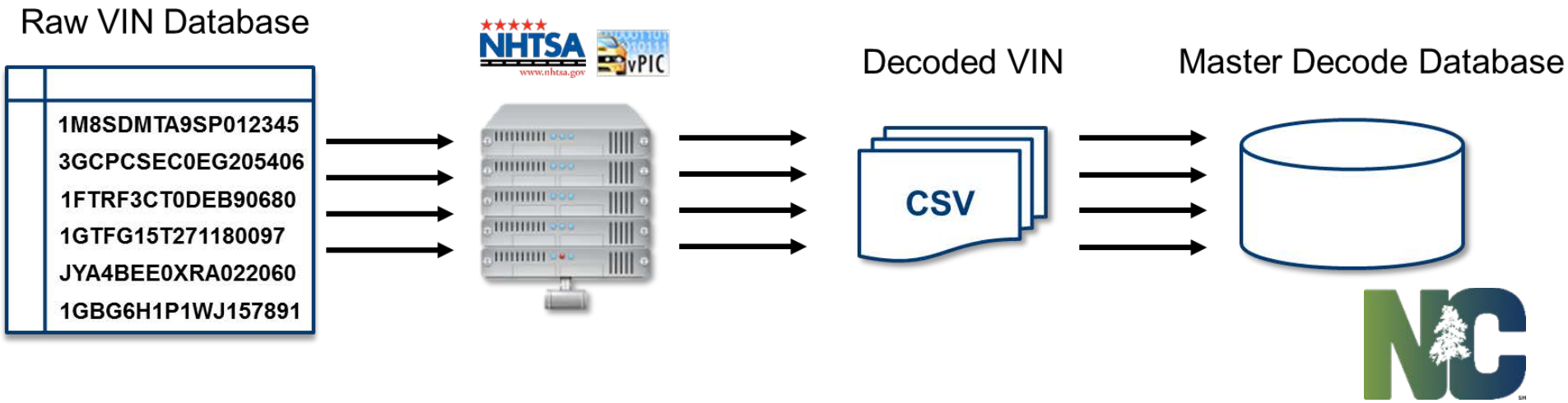
- NC Vehicle Registration VIN (Vehicle Identification Number)
  - 1954 first used each manufacturer used their own
  - 1981 standardized by NHTSA (National Traffic Safety Administration)
  - 17 digit format

- NHTSA Database
  - Many use – recall
  - Vehicle MPG

- Project Objective – match NC VIN with NHTSA database information (Vehicle MPG)

NC Rolling MPG - VIN Anatomy and Decoding





Highway Use Tax Model - Data and Variables

- NC Department of Revenue
  - Monthly revenues on short term vehicle leases
- NC Department of Transportation
  - Monthly revenues of vehicle sales
  - Monthly transaction reports
- Global Insight - Monthly forecasted variables
  - NC total non-farm jobs
  - NC population >= 15 yrs of age
  - US consumer spending on new autos

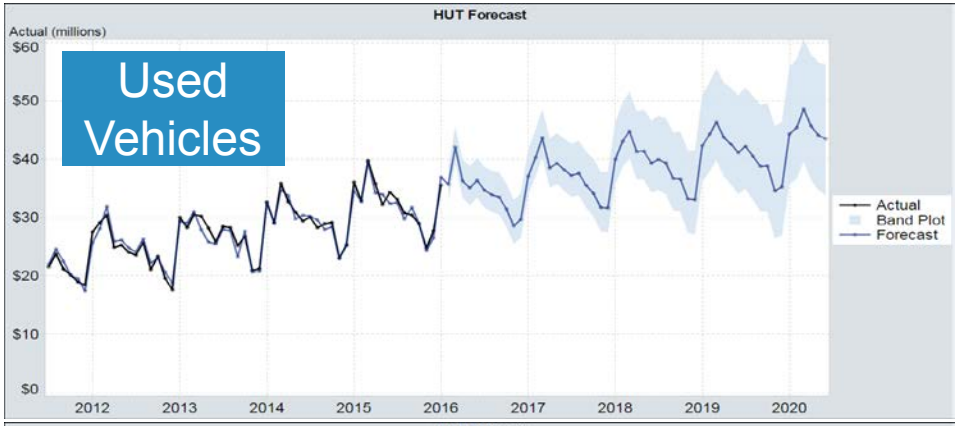
Highway Use Tax Model - Data and Objective

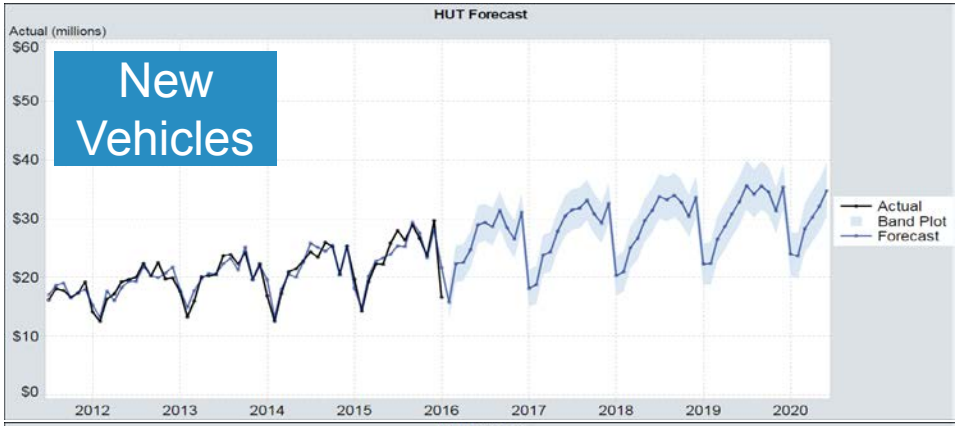
- Forecast monthly HUT revenue vs annual

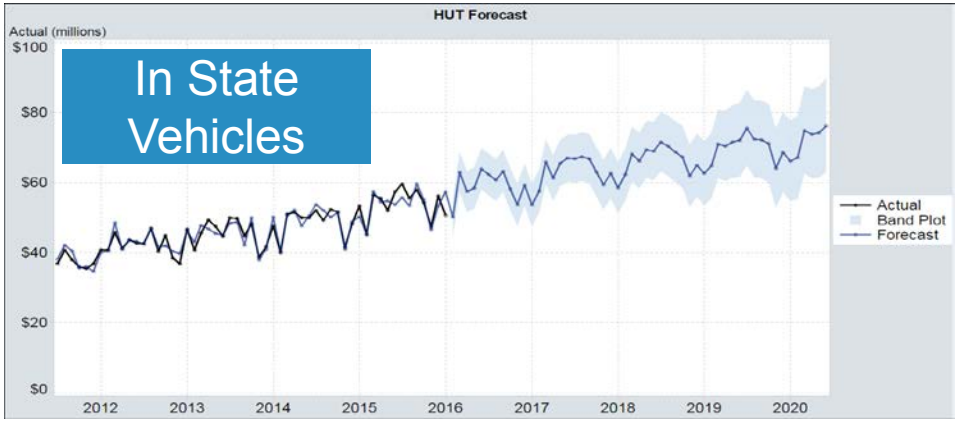
- New forecasting model hierarchy
  - Vehicle Condition (new vs used)
  - Vehicle Type (personal, commercial, etc.)
  - Dealer Type (in-state vs out of state)

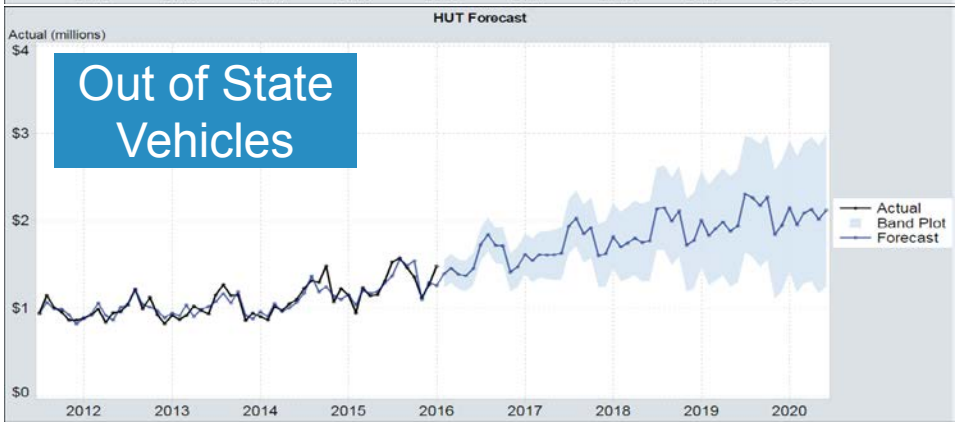
- Reporting
  - Monthly Vehicle Sales – US vs NC Comparison

Highway Use Tax Model – Seasonality Trends









Highway Use Tax - Forecasting Equation

$$\hat{Y} = \hat{\phi} Y_g + \hat{\beta}_1 X_1 + \hat{\beta}_2 X_2 + \hat{\beta}_3 X_3 + \varepsilon$$

- $\hat{Y}$ Predicted HUT
- Y_g Historical HUT at some time period g
- $\hat{\phi}$ Parameter estimate for Y_g
- X_1 NC total non-farm jobs
- X_2 NC population >= 15 yrs of age
- X_3 US consumer spending on new autos
- $\hat{\beta}$ Parameter estimate for input X
- ε Unknown random error

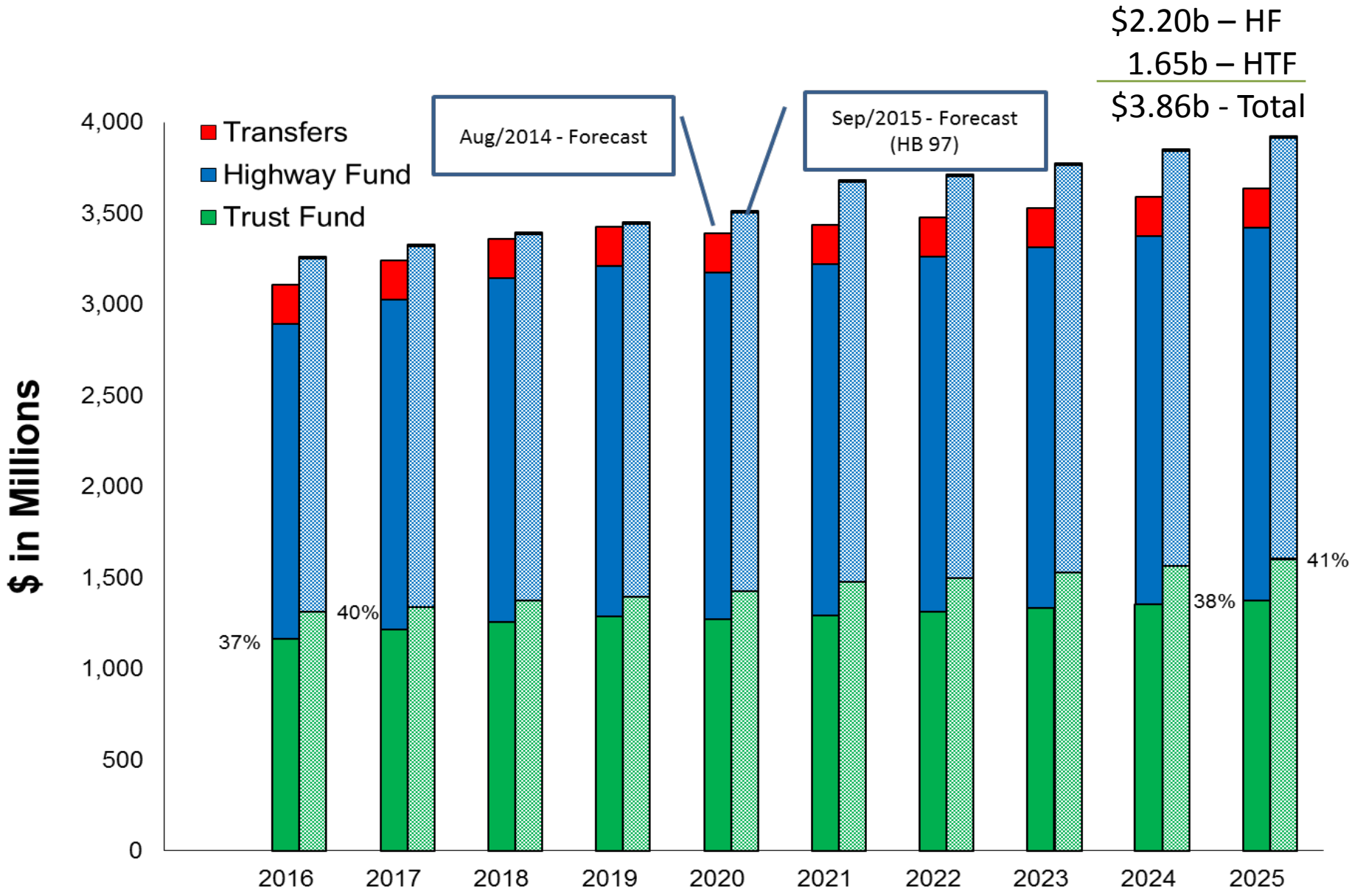
Legislative Session 2015 – Funding

- Session Law 2015-2 (SB 20)
  - Changed variable motor fuel tax rate formula to be based weighted change rate of Population (75%) and CPI-Energy (25%) starting January/2018 on a 34.0 cpg base
- Session Law 2015-241 (HB 97)
  - $273 M in new revenues
    - Increases most DMV fees by 30%
    - Adjust DMV fees every 4 years based on CPI
    - Increased some Highway Use Tax Caps
    - Reduces motor fuel tax deductions
  - $435 M in increased budget availability (not revenues) by stopping General Fund Transfer
- Changes Motor Fuel Tax Revenue Distribution
  - From 75% to Highway Fund* and 25% to Highway Trust Fund**
  - To 71% Highway Fund and 29% to Highway Trust Fund
- Increases State Transportation Revenues used for Transportation
  - From 85% in 2008
  - To 99.5+% in 2016 forward
- NCDOT and OSBM Collaborative develop revenue forecast

* Highway Fund is for Maintenance and Operations activities

** Highway Trust Fund is for Capital Projects

Budget Authority Comparison



SFY 2016 – Projected Year-end State Revenues Comparison

Good News

- Forecast 3,260M
- Actual 3,420M

↑ $160M (5%)

Details

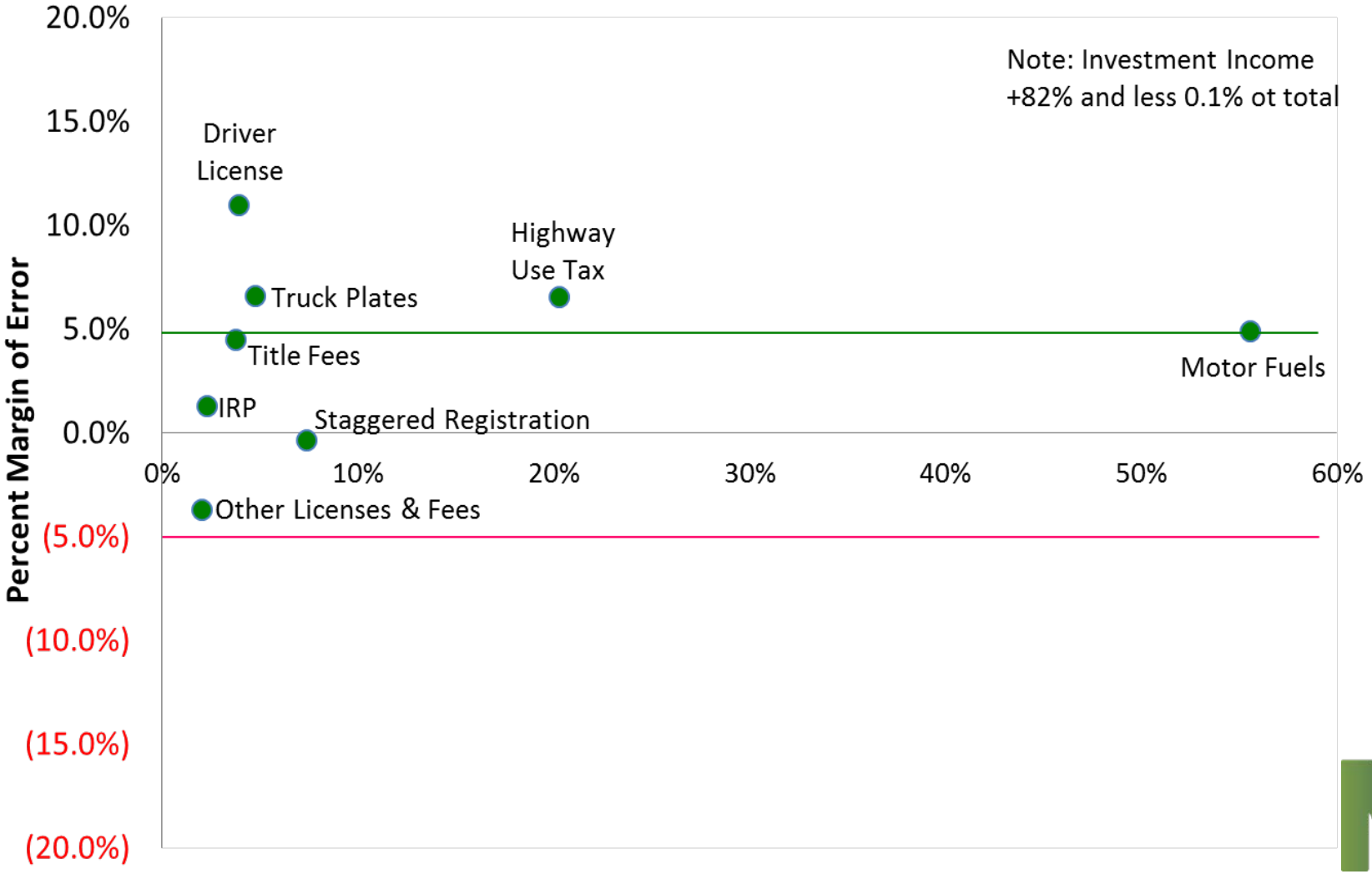
- Motor Fuel Taxes
  - Forecast 1,810M
  - Actual 1,900M

  Funding Impact
  ↑ $90M (5%)
  71% Highway Fund
- DMV Fees
  - Forecast 790M
  - Actual 817M

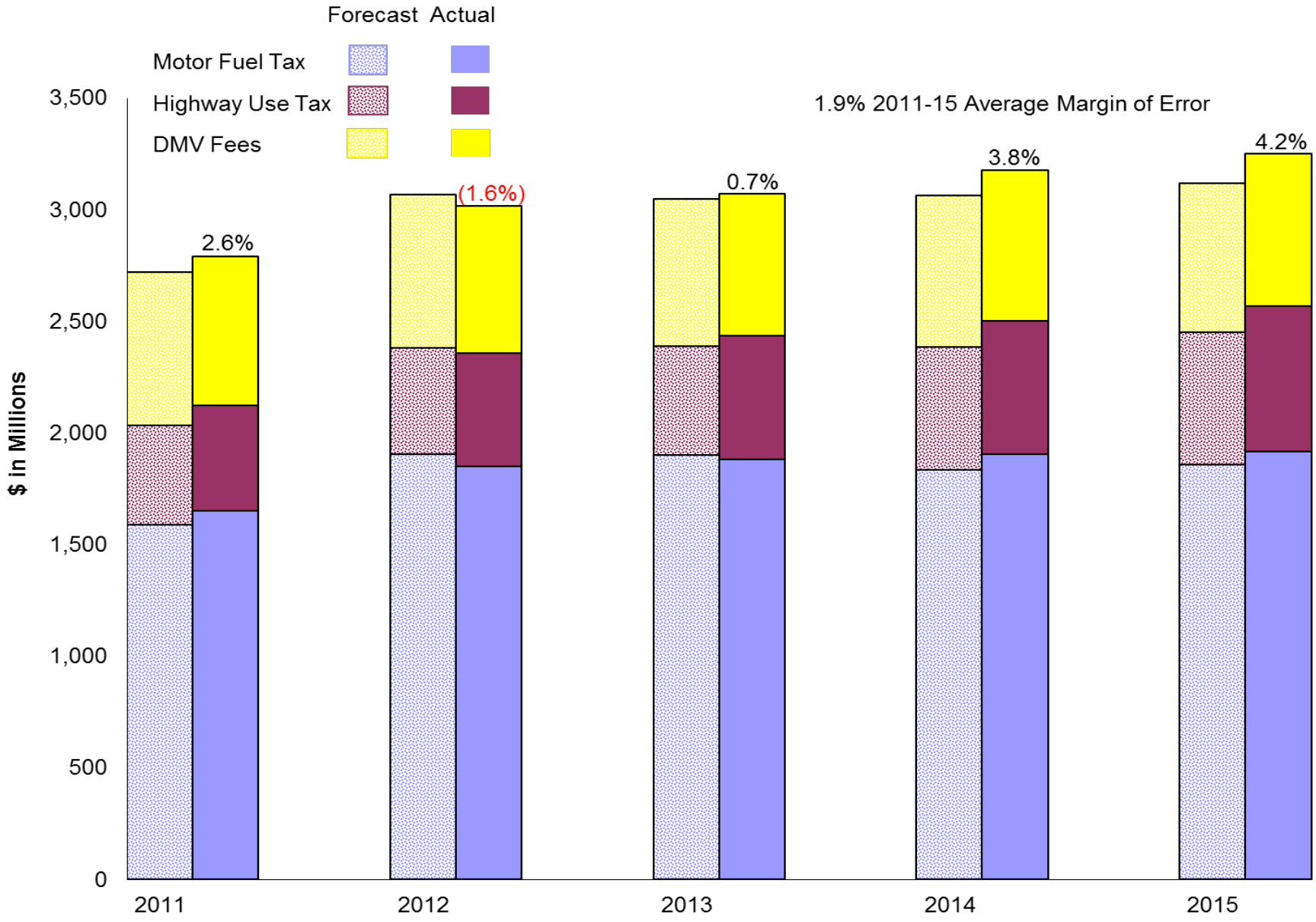
  ↑ $ 27M (3.5%)
  ≈85% Highway Fund
- Highway Use Tax
  - Forecast 660M
  - Actual 703M

  ↑ $43M (6.6%)
  100% Trust Fund

SFY 2016 – Projected Year-end Margin of Error



5 Year Annual Comparison Forecast vs Actual



Questions?



JOINT COMMITTEE MEETING (FAST/EDIR) MEETING MINUTES

Transportation

DATE: 6/1/2016 TIME: 1:39 LOCATION: 150

MEETING CALLED BY	EDIR Chairman Terry Hutchens
BOARD ATTENDEES	FAST Chairwoman Cheryl McQueary, EDIR Chairman Terry Hutchens, FAST Vice Chairman Jim Crawford, EDIR Vice Chairman Hugh Overholt, Mr. David Brown, Mr. Andy Perkins, Mr. Jack Debnam, Mr. Malcolm Fearing, Mr. Gus Tulloss, Mr. Ferrell Blount, Ms. Sandra Fountain, Mr. Jeff Sheehan, Mr. Jake Alexander, Ms. Tracy Dodson, BOT Chair Ned Curran Mr. David Tyeryar (staff), Mr. Sebastian Montagne (Staff)

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF MAY MINUTES – CHAIRMAN HUTCHENS	
DISCUSSION SUMMARY	
ACTIONS TAKEN	Approved unanimously

2. NORTH CAROLINA MILITARY AFFAIRS COMMISSION (NCMAC) UPDATE – CORNELL WILSON JR., MAJOR GENERAL, USMC, RETIRED, MILITARY AFFAIRS ADVISOR	
DISCUSSION SUMMARY	Verbal presentation with handout focused on the military's economic impact on North Carolina by way of jobs and contracts with the Department of Defense. Also discussed ways to support servicemembers including Veteran's nursing homes and cemeteries and HB595 making it easier for military personnel to convert to civilian positions in the state (i.e. law enforcement and commercial drivers). He discussed the new Strategic Plan for Supporting and Enhancing North Carolina Military Missions and Installations which attempts to ensure NC is in an advantageous position as the DoD adjusts to budget constraints. He discussed the missions of the various North Carolina military installations including the F-35 and the vertical lift facility coming to MCAS Cherry Point.
ACTIONS TAKEN	Information only. No action taken.

3. STATE FREIGHT PLAN KICKOFF – TERRY ARELLANO	
DISCUSSION SUMMARY	Verbal presentation on the multi-modal freight plan. Will return to EDIR in August for a more formal introduction to the plan. Suggested a freight plan subcommittee.
ACTIONS TAKEN	Information only. No action taken.

4. POLICIES & PROCEDURES FOR PROCUREMENT AND ADMINISTRATION OF MAJOR PROFESSIONAL OR SPECIALIZED SERVICES CONTRACTS – RODGER ROCHELLE, ROBERT STROUP	
DISCUSSION SUMMARY	Presentation on changes made to the Policies & Procedures for Procurement and Administration of Major Professional or Specialized Services Contracts document updated to conform to the new Final Rule – 23 CFR 172 and restructured to have a more process-slow reading. No significant policy changes, only procedural changes for consistency across the Department.
ACTIONS TAKEN	Information only. No action taken.

5. ANALYSIS AND IMPROVEMENT OPPORTUNITIES FOR APPRAISALS OF PROPERTY (CONSTRUCTION PROJECTS) – MIKE HOLDER	
DISCUSSION SUMMARY	Presentation: Tasks completed include refining the process analysis to identify redundancies, duplication, non-value added activities and time compression. Also in collaboration with NCDOT Chief Engineer, ROW Unit and Appraisal Unit worked to select and prioritize recommendations - 13 of 49 cycle-time reduction recommendations and 3 of 17 condemnation reduction recommendations. Four committees were formed to pilot and finalize recommendations over the coming months.
ACTIONS TAKEN	Information only. No action taken.

6. OTHER BUSINESS: Chair McQueary advised members of the board a workgroup comprised of members and staff will be established to study options for reducing the Department's remnant property.

Adjourned: 3:04

JOINT COMMITTEE MEETING (FAST/EDIR) AGENDA

BOARD OF TRANSPORTATION

JUNE 29, 2016

TIME: 1:45 p.m. – 3:00 p.m.

LOCATION: Room 150

TOPIC	PRESENTER
Call to Order - Approval of June minutes	C. McQueary, Chairwoman FAST T. Hutchens, Chairman EDIR
Proposed Revisions to the Non-Metropolitan Local Officials Participation Process	Terry Arellano
Transportation Revenue	H. Tasaico
Comments and Wrap-up	C. McQueary, Chairwoman FAST T. Hutchens, Chairman EDIR



Nothing Compares
NORTH CAROLINA

NC Board of Transportation – July 2016

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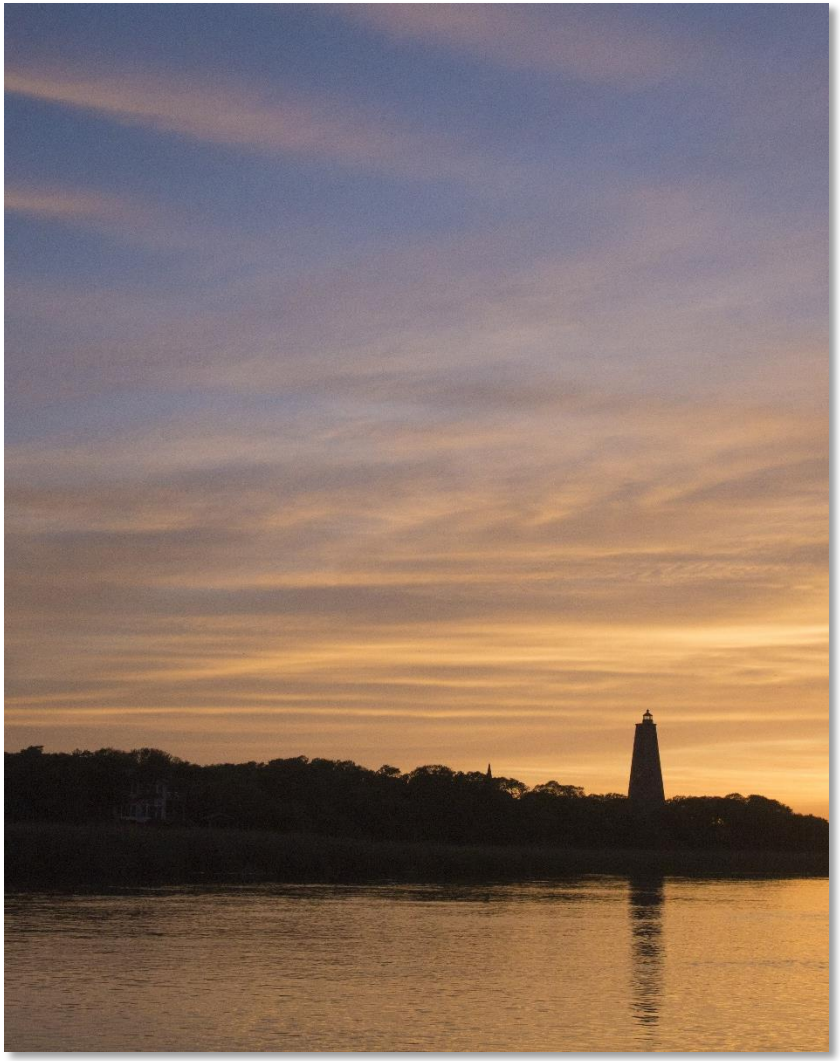
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FAST-EDIR Joint Committee – June 29, 2016

Transportation Revenues

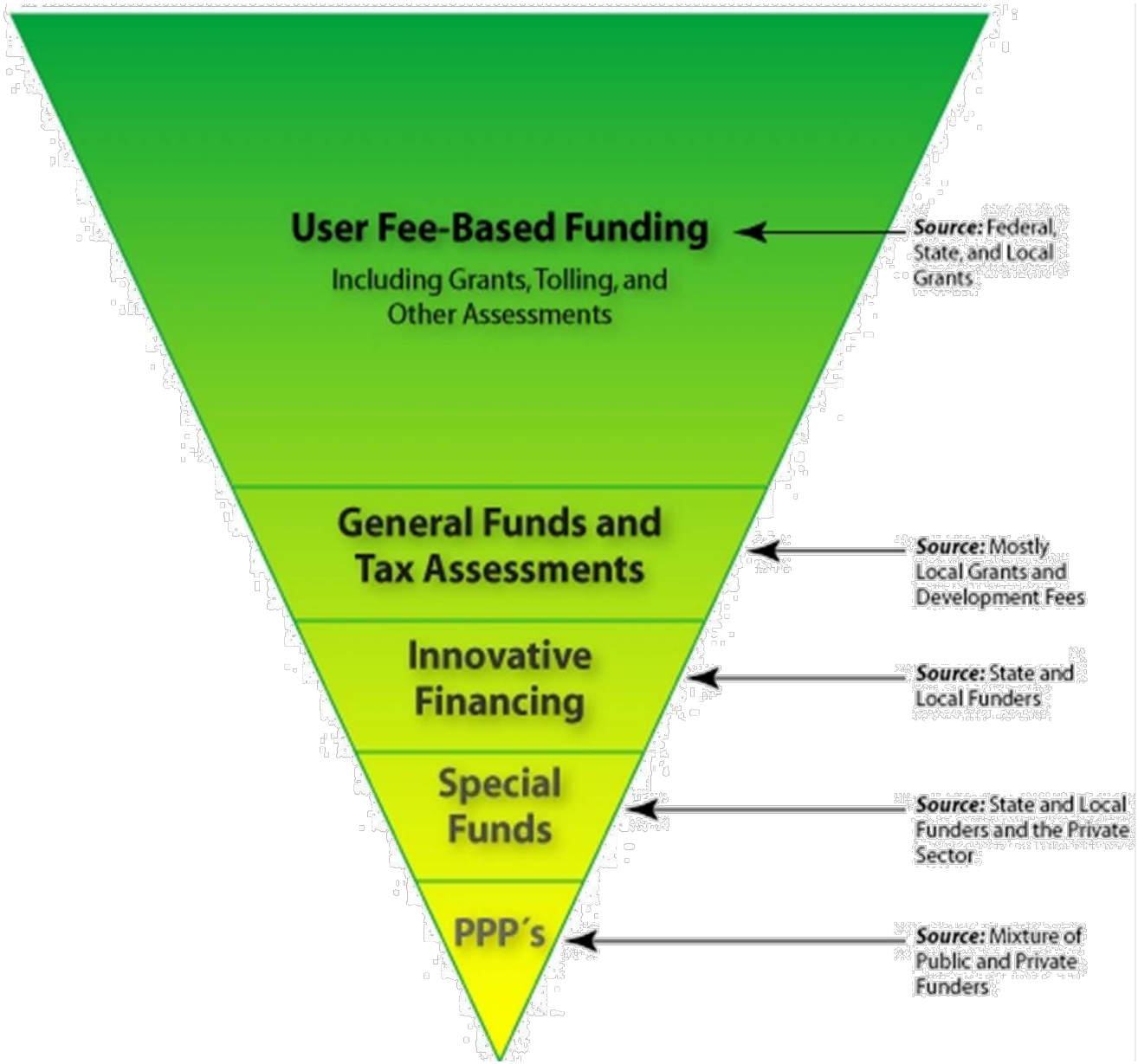
H. Tasaico



Presentation Outline

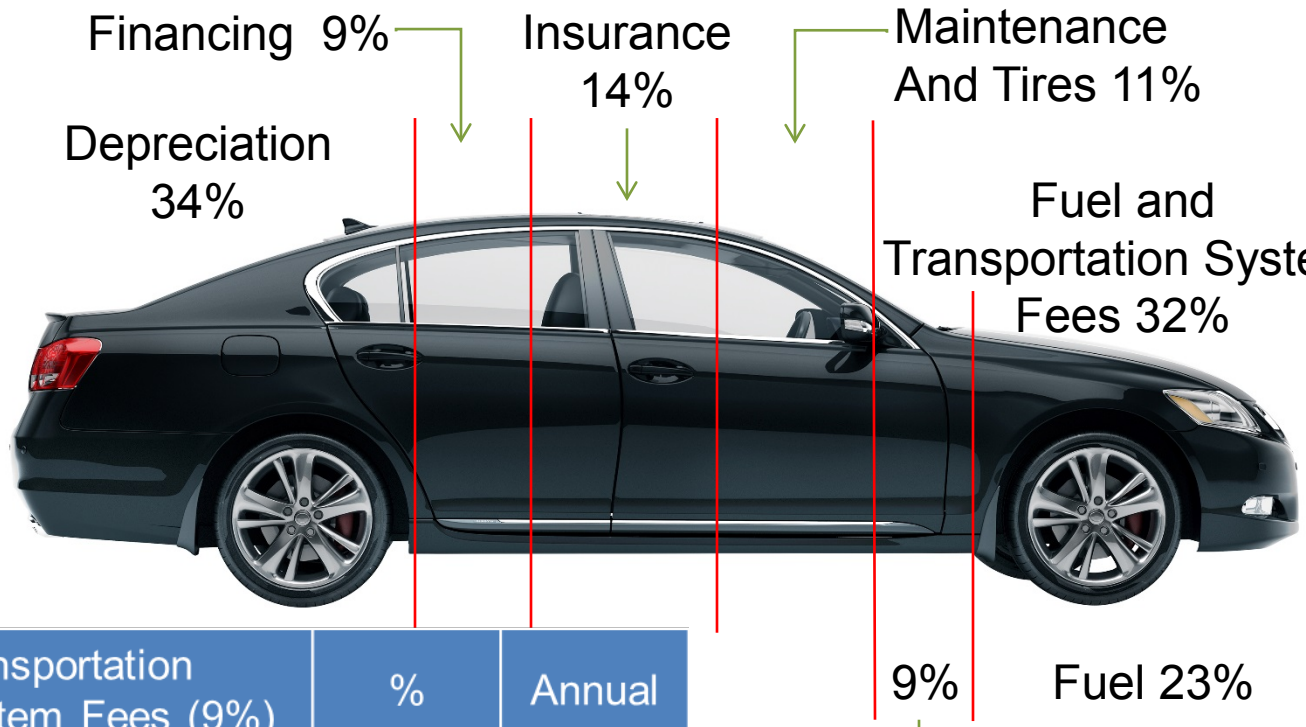
- Infrastructure Funding and Vehicle Ownership
- Current Funding
  - Federal – FAST Act Review
  - State – Sources
  - State – Forecasting Enhancements
  - State – 2015 Legislative Revenue Review
- SFY 2016 Preliminary Year-end Performance
- 5 Year Revenue Forecasting Performance

Funding for Infrastructure Projects



Vehicle Ownership - $7,100/year





Transportation System Fees (9%)	%	Annual
Fuel Taxes	66	$422
DMV Fees	15	$96
Civil Penalties	1	$6
Highway Use Tax	13	$83
Other	5	$32
Total		$640

nc North Carolina Chamber A force for business.

ITRE

Current Funding

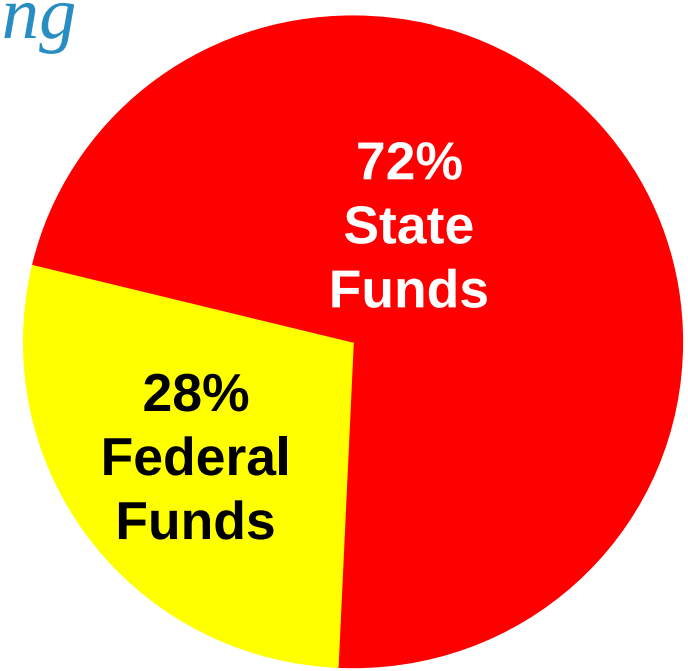
State Funding



Motor Fuel Tax 55%

Highway Use Tax 20%

Fees 25%



Federal Funding (since 2008)

- No Political Appetite for National Solutions
- Up to States to Fix



Motor Fuel Tax 70%

Fees 10%

General Fund 20%

Federal Transportation Revenues



Motor Fuel Tax 70%

Fees 10%

General Fund* 20%

*$143.6 billion since 2008 (through 1/2016)

Federal Aid Overview

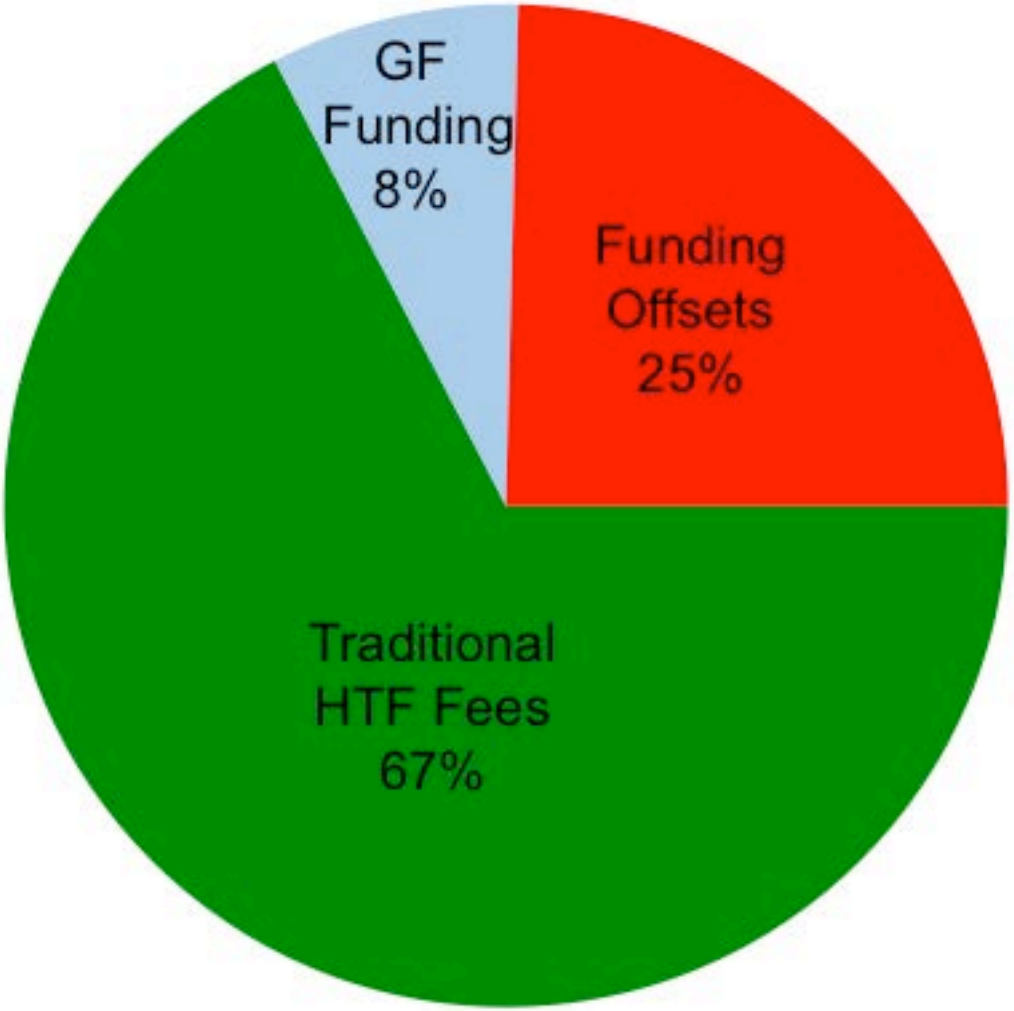
- Notable Authorization Acts
  - 1916 First Act
  - 1956 Highway Trust Fund
  - 1982 Mass Transit Account
  - 1991 First of multi-year acts (ISTEA)
  - 2015 FAST Act

- Funding tied to specific systems
  - 25% of NC mileage eligible
- Matching requirements (20%)
- Reimbursement Program

Program Availability (4 Years)

Obligation Limitation (1 Year)

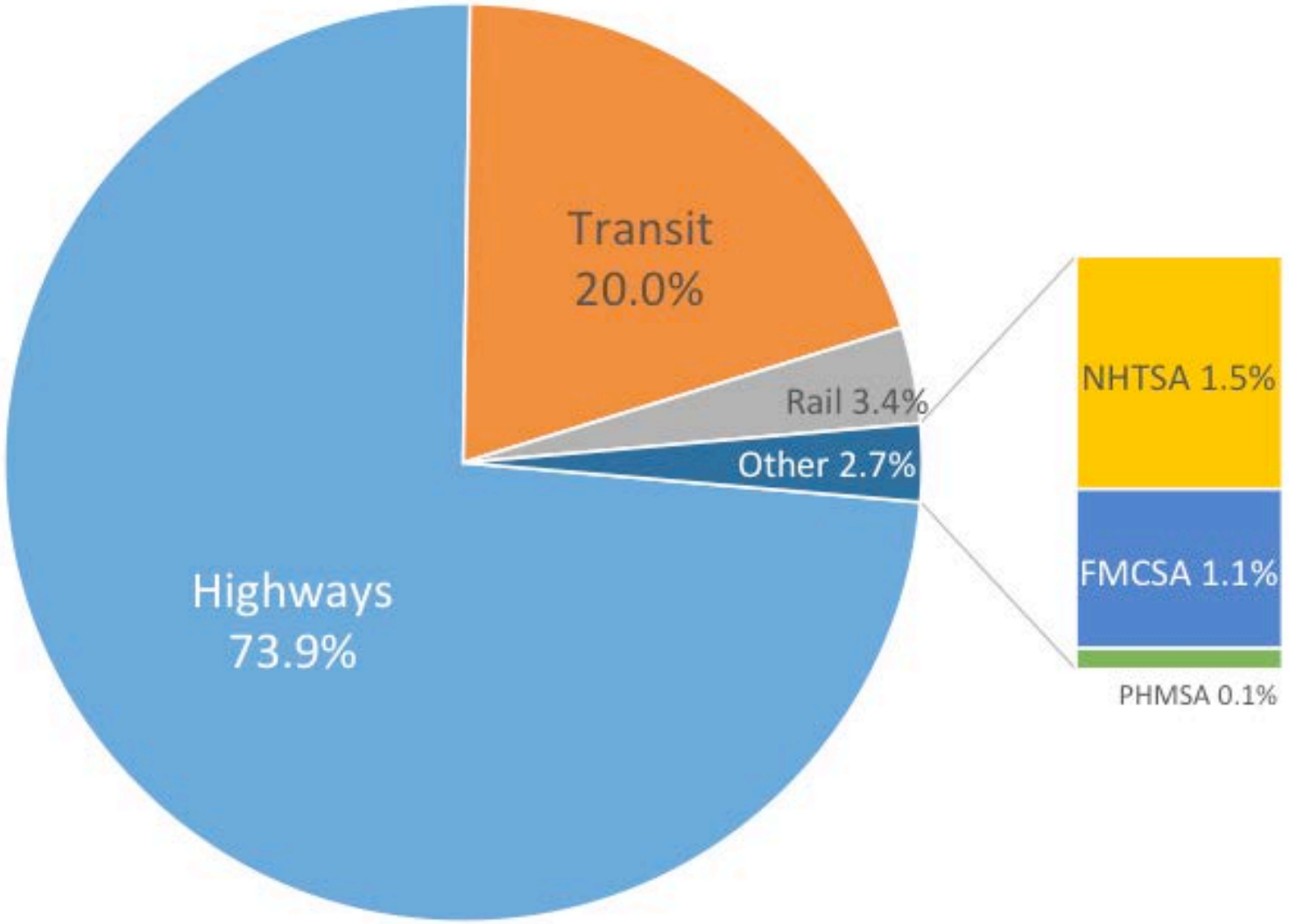
FAST– Financing Plan



Total 5 year $305.5 B
Funding Offsets $75.2 B

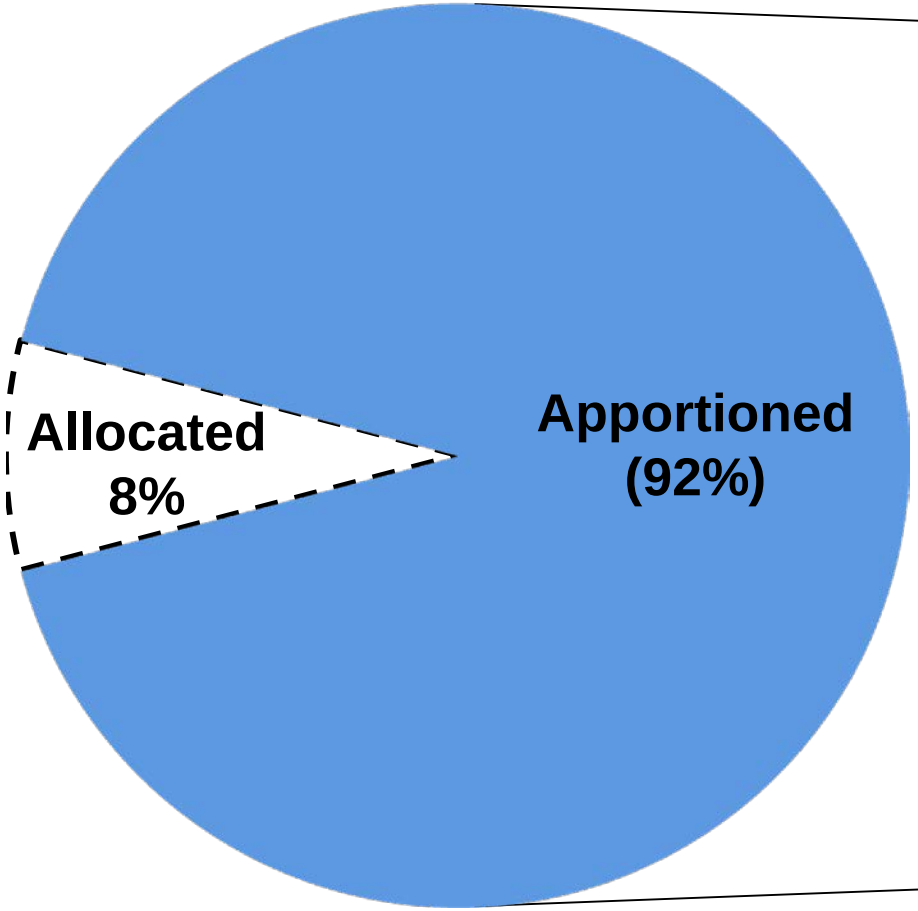
Since 2008 Transfer Amount to $143.6 B

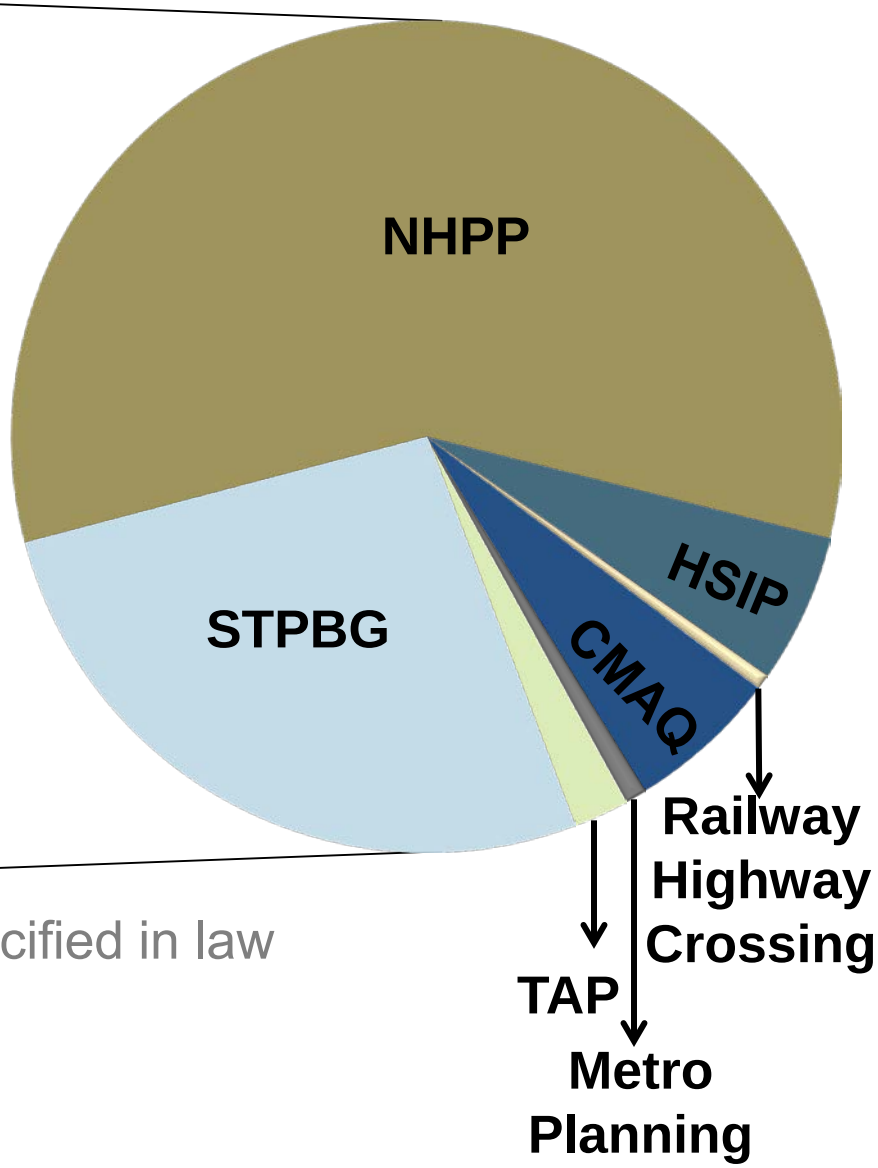
FAST– Authorized Uses



NHTSA – National Highway Traffic Safety Administration
FMCSA – Federal Motor Carrier Safety Administration
PHMSA – Pipeline and Hazardous Materials Safety Adm.

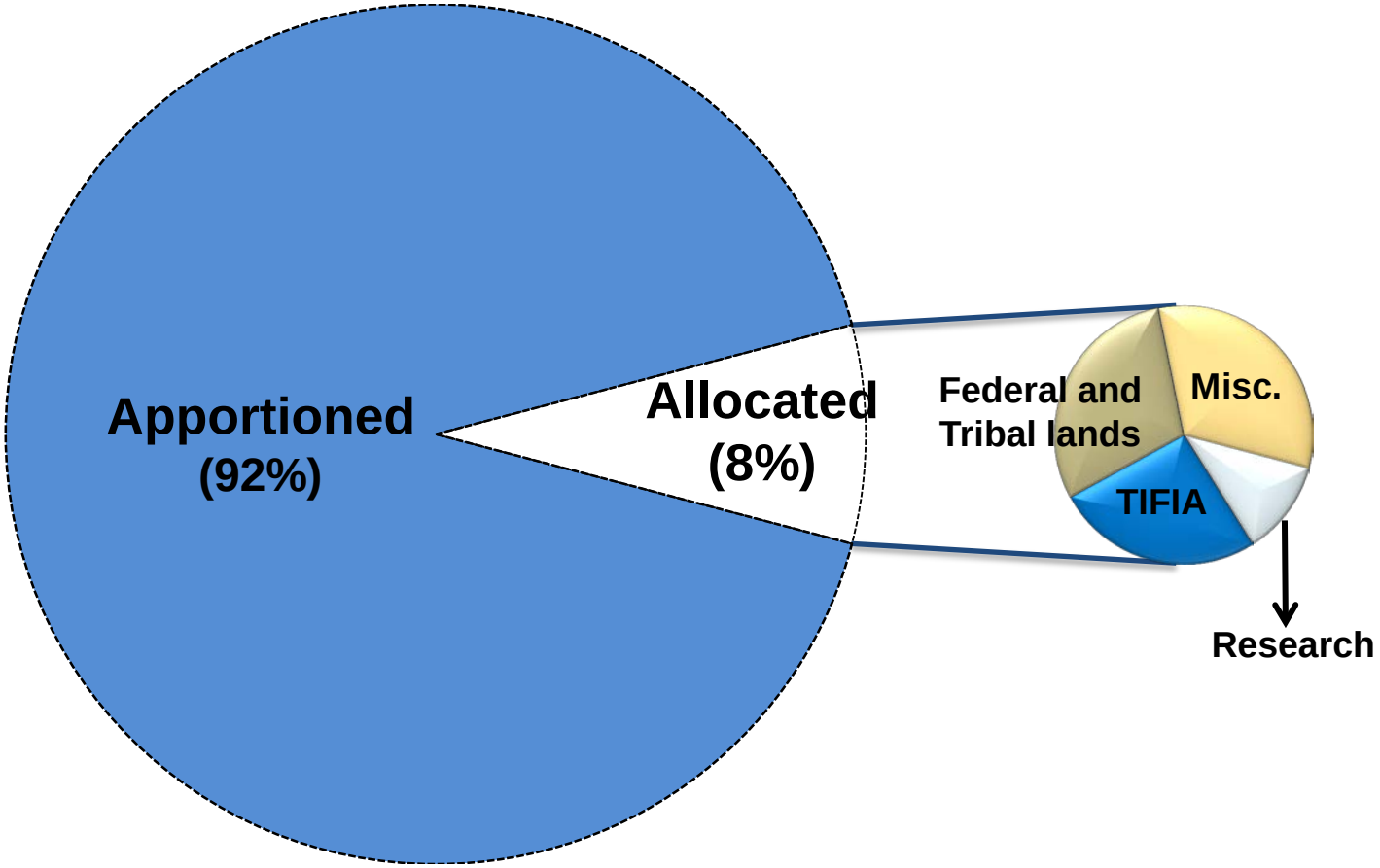
FAST Highway Funds – 92% Apportioned By Formula





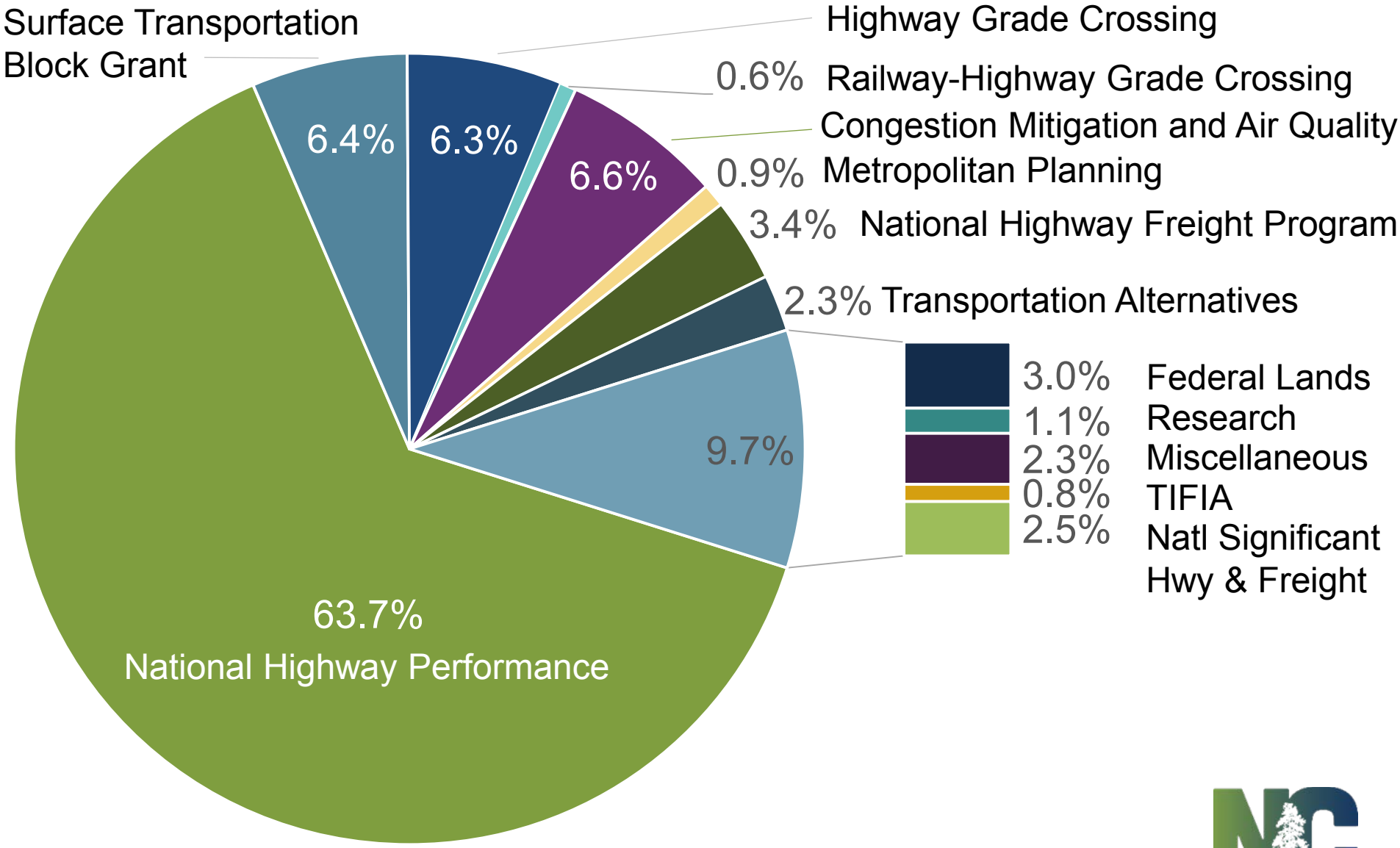
- Distributed by formula specified in law
- Distributed on October 1st
- Withdrawn only by law
- All States are recipients

FAST Highway Funds – 8% Allocated Discretionarily

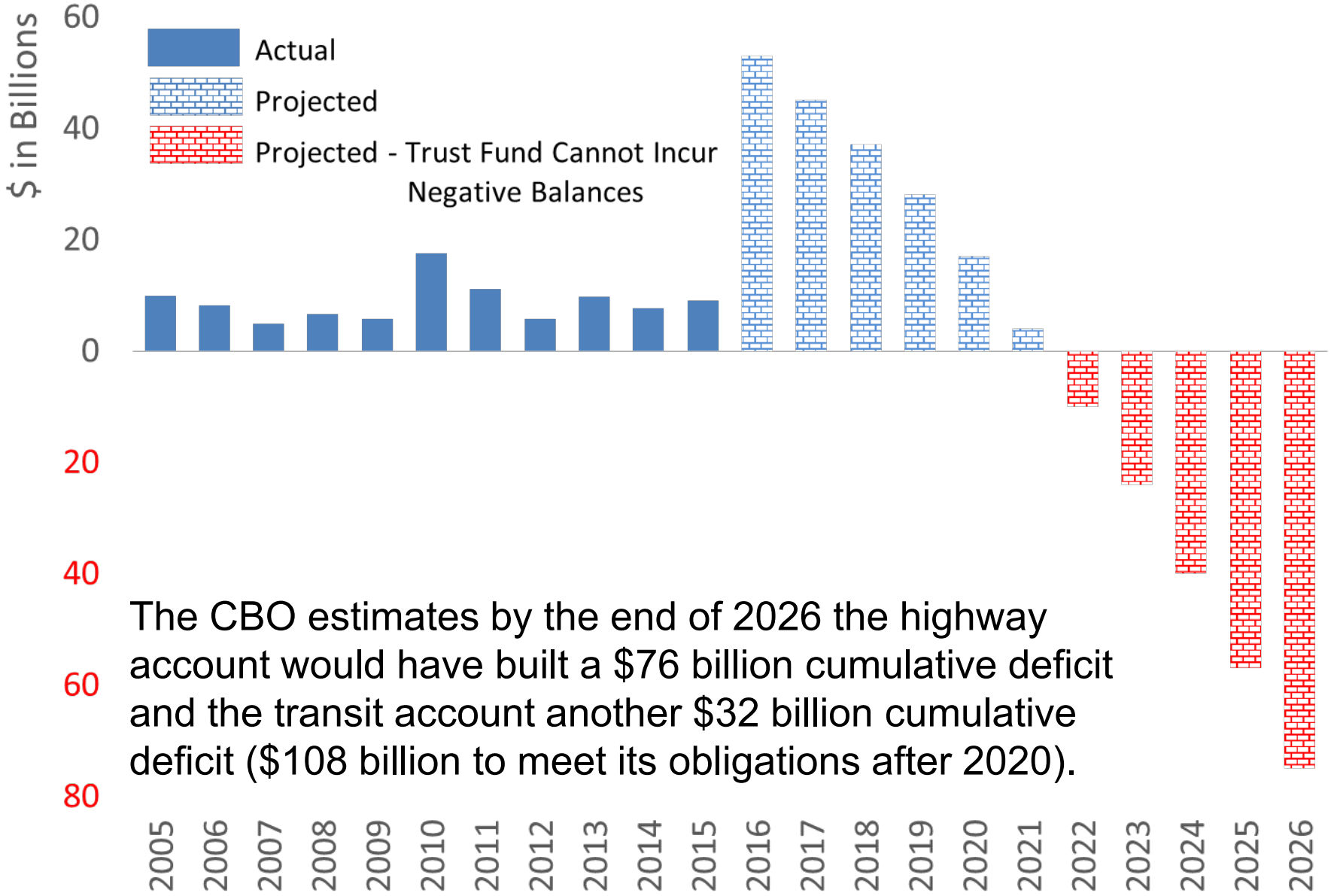


- No formula specified by law
- Distributed throughout the year
- Discretionary grants may be withdrawn by administrative action
- Only some States are recipients

Federal Aid in NC (FAST)

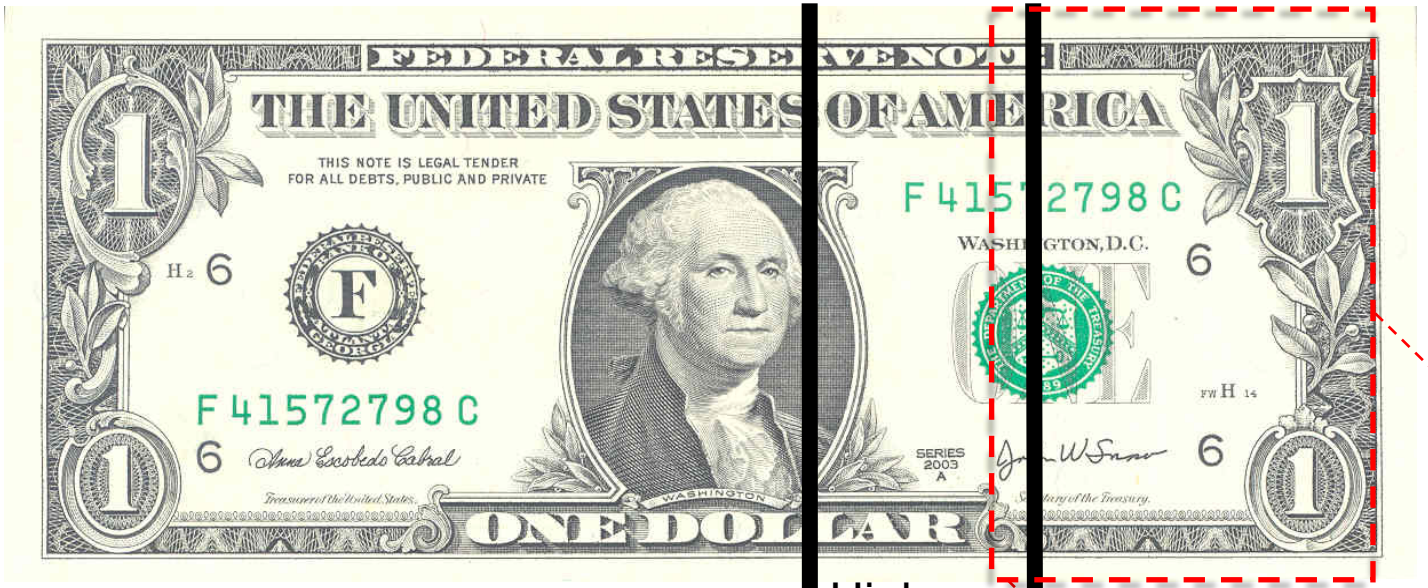


Federal Highway Trust Account Fund Projected Year-end Closing Cash Balance (CBO 3/2016 Baseline)



The CBO estimates by the end of 2026 the highway account would have built a $76 billion cumulative deficit and the transit account another $32 billion cumulative deficit ($108 billion to meet its obligations after 2020).

State Revenue Sources



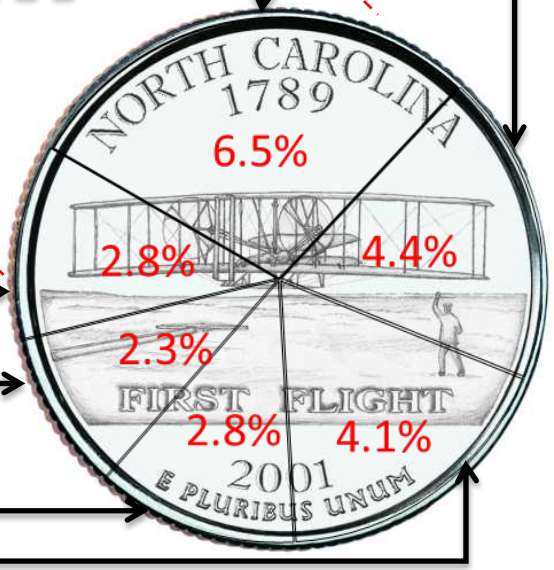
Motor Fuel Tax
55%

Highway Use Tax 20%

Fees
25%

Truck Registration

Vehicle Registration



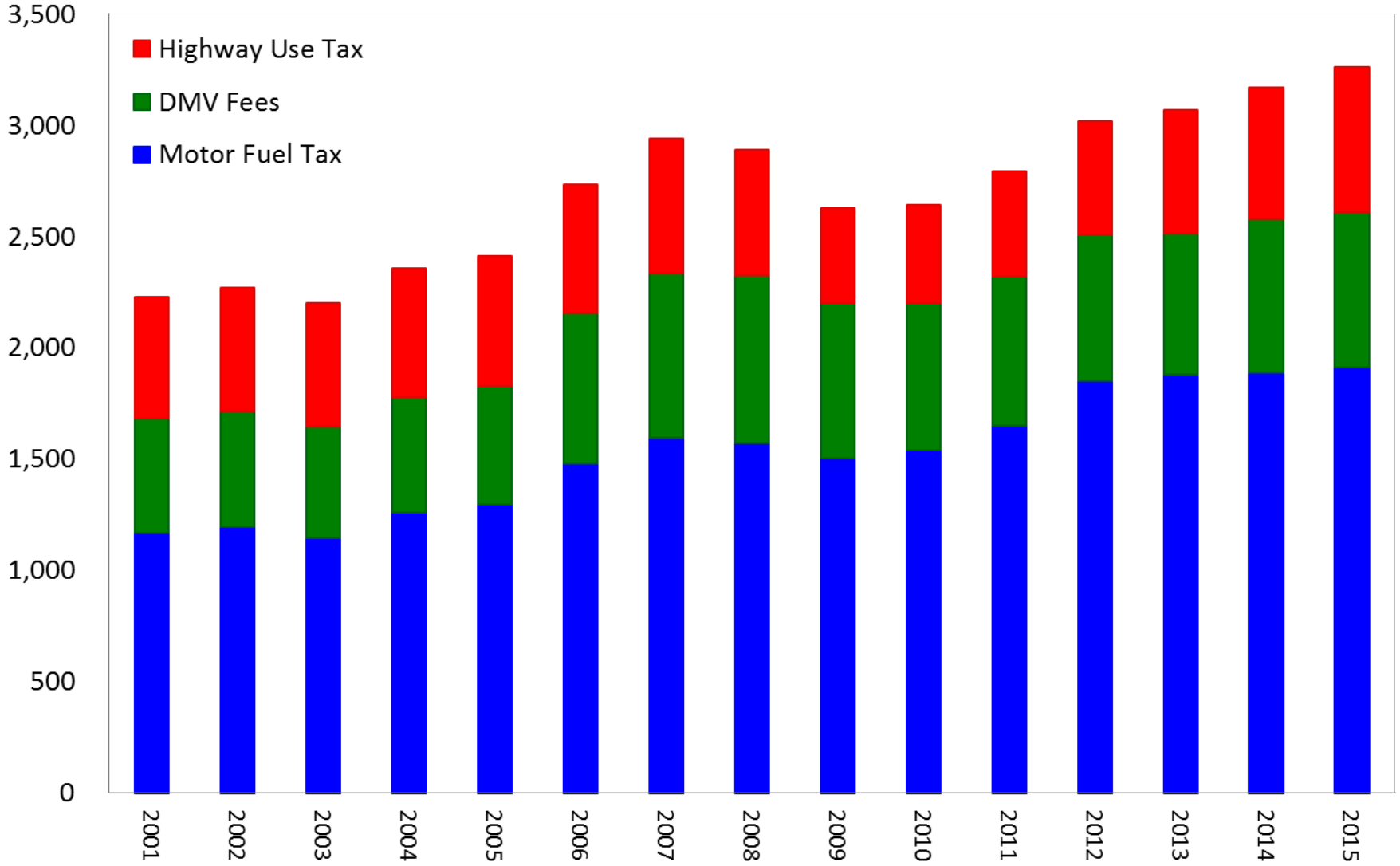
Other - 21 Fees

International Registration Plan

Certificate of Title

Driver Licenses

Transportation Revenue Sources (2001 – 2015)



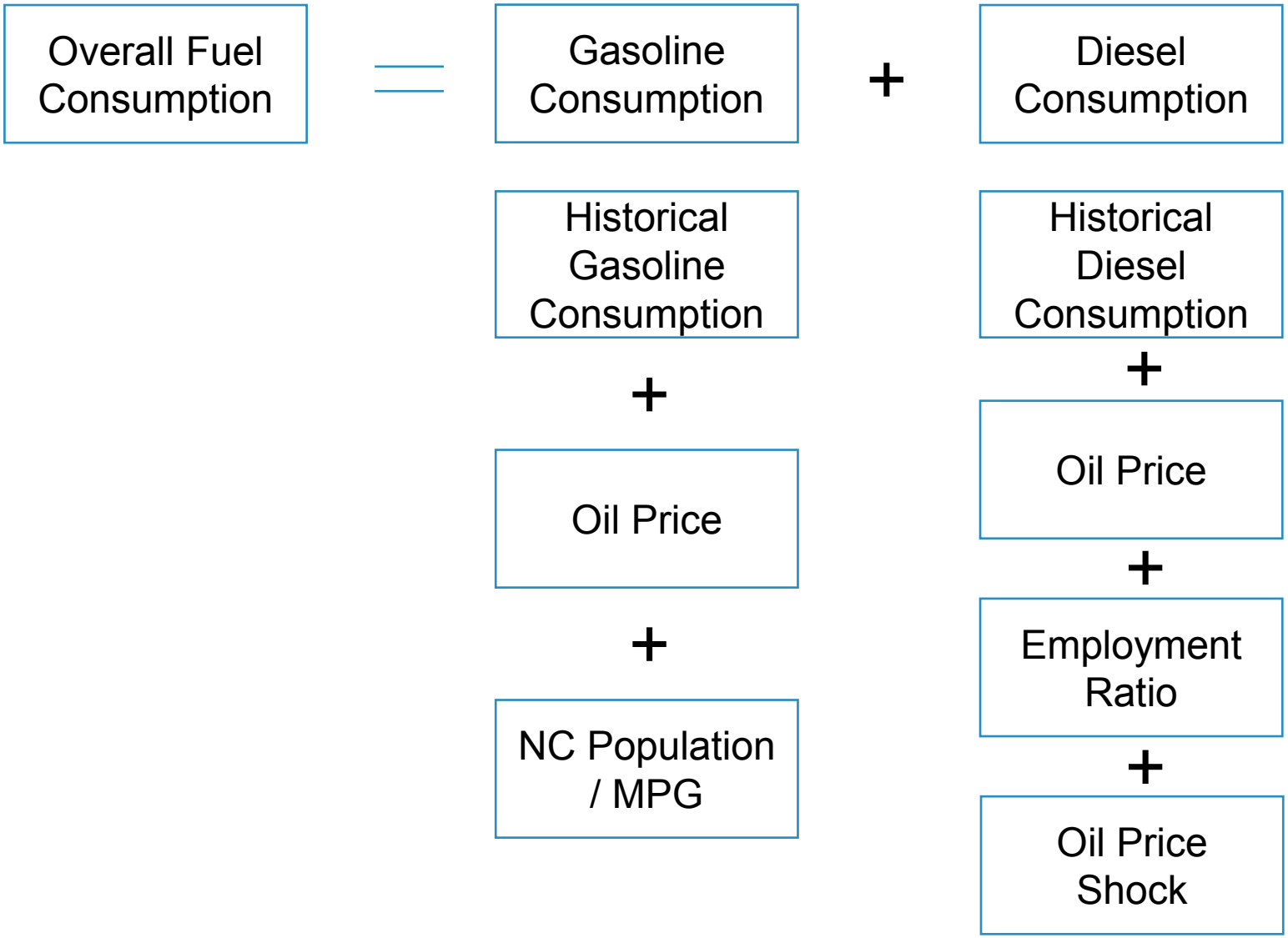
Revenue Variable and Data Sources

Source	Variables	Data Sources
Motor Fuel Tax	Rate	• US – EIA • Global Insight • Legislative
	Fuel Consumption	• In-House Model
DMV Fees	Rate	• General Statute
	Transactions	• Regression Analysis • Historical • NC Population Growth
Highway Use Tax	Rate	• General Statute
	Transactions	• Historical • NC Population Growth
	Vehicle Pricing	• Global Insight
Federal	Revenue	• Congressional Budget Office

Fuel Consumption Model - Data and Variables

- NC Department of Revenue
  - Monthly Actual Motor Fuel Consumption
- Global Insight - Quarterly forecasted variables
  - Global Crude Oil Prices
  - US Rolling MPG
  - NC Population
  - NC Construction Employment
  - NC Total Employment

Fuel Consumption Model - Data and Variables



Fuel Consumption Model - Forecasting Equation

$$\hat{Y} = Ø_1 Y_g + Ø_2 e_g + Ø_3 X_1 + Ø_4 X_2 + Ø_5 Y_0 + Ø_6 e_0 + Ø_7 X_1 + Ø_8 X_3 + Ø_9 X_4 + \gamma$$

Where:

$\hat{Y}$	Predicted fuel consumption
Øs	Optimized parameter estimates
Y_g	Historical gas consumption
e_g	Historical gas consumption errors
X_1	Oil price
X_2	NC population/national mpg
Y_0	Historical diesel consumption
e_0	Historical diesel consumption errors
X_3	NC construction employment/NC total employment
X_4	Oil price shock
γ	Intercept

Fuel Consumption Model - Data and Variables

NC Department of Revenue

- Monthly Actual Motor Fuel Consumption

Global Insight - Quarterly forecasted variables

- Global Crude Oil Prices
- US Rolling MPG
- NC Population
- NC Construction Employment
- NC Total Employment



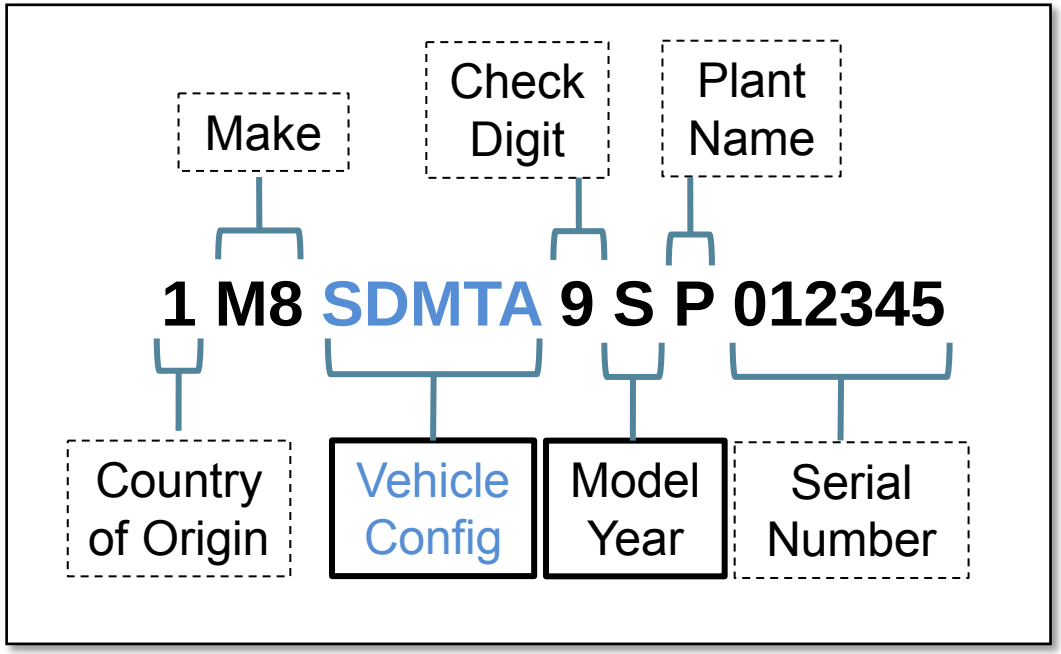
NC Rolling MPG - Data and Objective

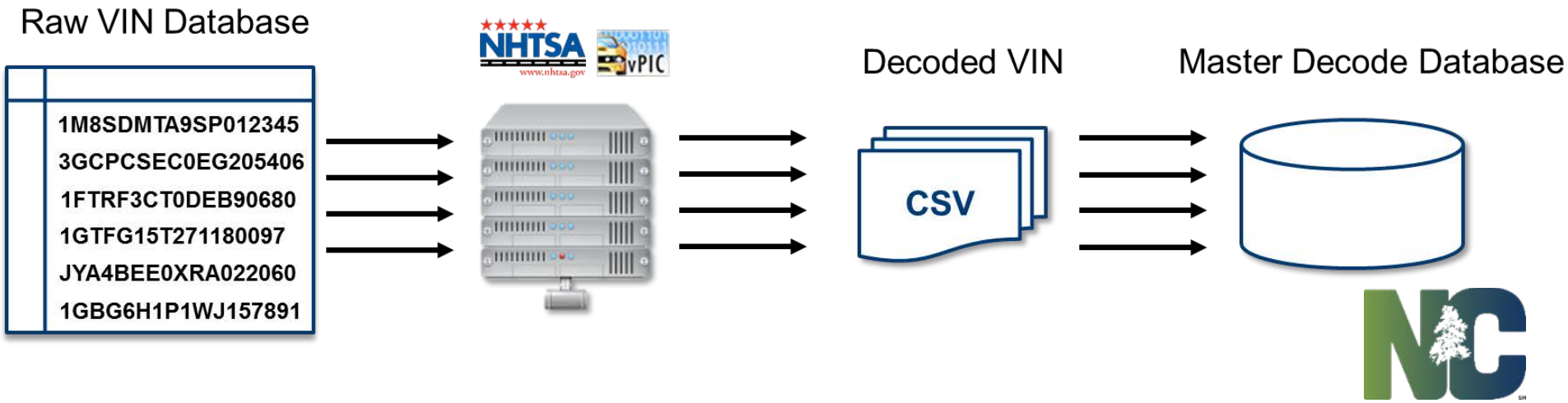
- NC Vehicle Registration VIN (Vehicle Identification Number)
  - 1954 first used each manufacturer used their own
  - 1981 standardized by NHTSA (National Traffic Safety Administration)
  - 17 digit format

- NHTSA Database
  - Many use – recall
  - Vehicle MPG

- Project Objective – match NC VIN with NHTSA database information (Vehicle MPG)

NC Rolling MPG - VIN Anatomy and Decoding





Highway Use Tax Model - Data and Variables

- NC Department of Revenue
  - Monthly revenues on short term vehicle leases
- NC Department of Transportation
  - Monthly revenues of vehicle sales
  - Monthly transaction reports
- Global Insight - Monthly forecasted variables
  - NC total non-farm jobs
  - NC population >= 15 yrs of age
  - US consumer spending on new autos

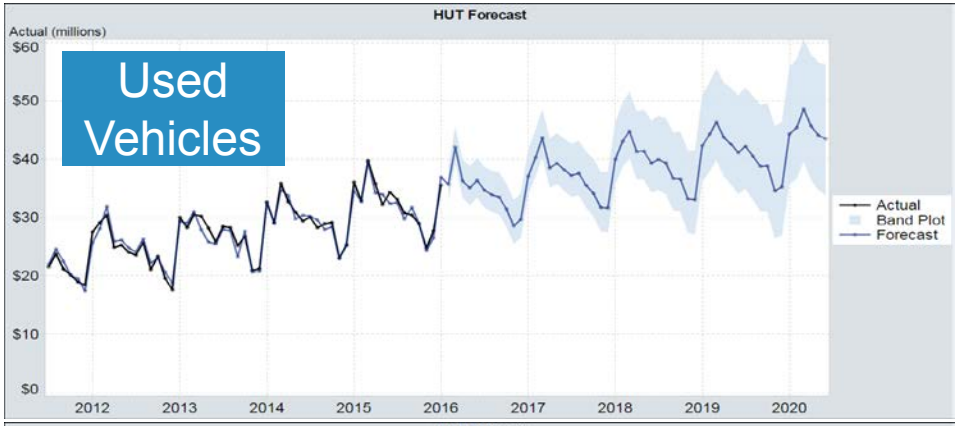
Highway Use Tax Model - Data and Objective

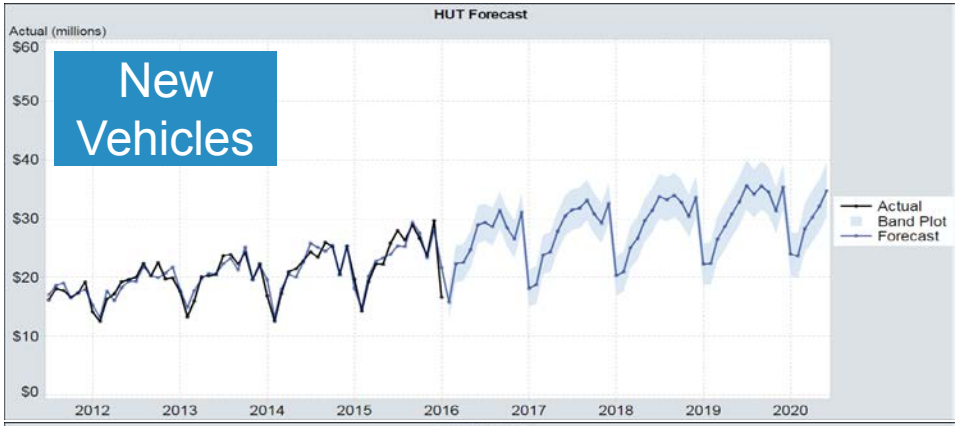
- Forecast monthly HUT revenue vs annual

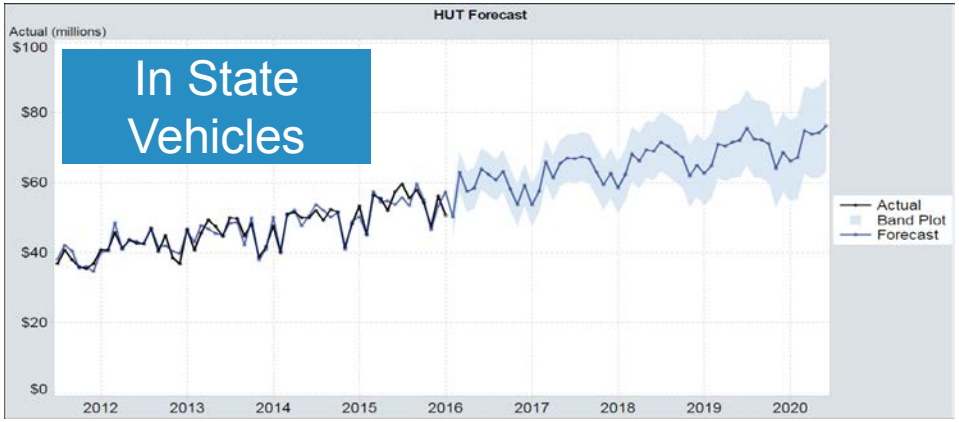
- New forecasting model hierarchy
  - Vehicle Condition (new vs used)
  - Vehicle Type (personal, commercial, etc.)
  - Dealer Type (in-state vs out of state)

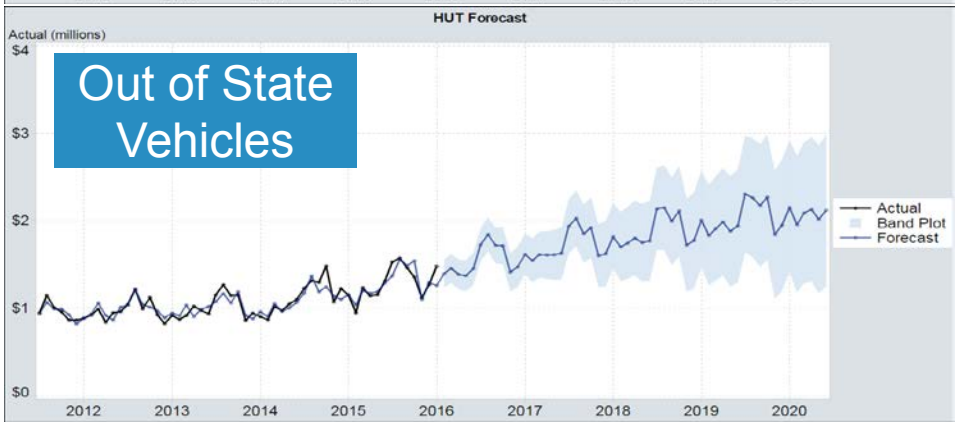
- Reporting
  - Monthly Vehicle Sales – US vs NC Comparison

Highway Use Tax Model – Seasonality Trends









Highway Use Tax - Forecasting Equation

$$\hat{Y} = \hat{\phi} Y_g + \hat{\beta}_1 X_1 + \hat{\beta}_2 X_2 + \hat{\beta}_3 X_3 + \varepsilon$$

- $\hat{Y}$ Predicted HUT
- Y_g Historical HUT at some time period g
- $\hat{\phi}$ Parameter estimate for Y_g
- X_1 NC total non-farm jobs
- X_2 NC population >= 15 yrs of age
- X_3 US consumer spending on new autos
- $\hat{\beta}$ Parameter estimate for input X
- ε Unknown random error

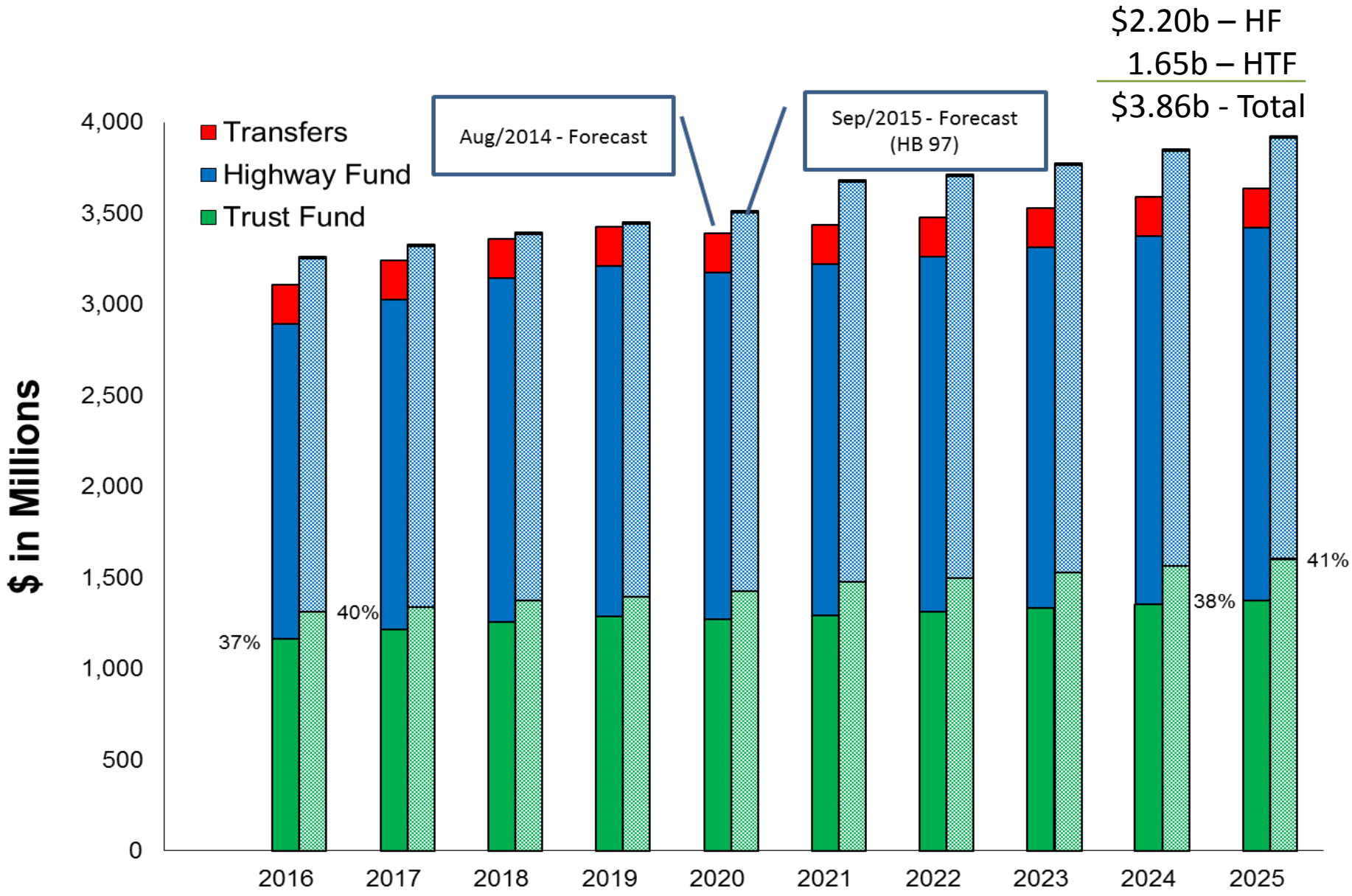
Legislative Session 2015 – Funding

- Session Law 2015-2 (SB 20)
  - Changed variable motor fuel tax rate formula to be based weighted change rate of Population (75%) and CPI-Energy (25%) starting January/2018 on a 34.0 cpg base
- Session Law 2015-241 (HB 97)
  - $273 M in new revenues
    - Increases most DMV fees by 30%
    - Adjust DMV fees every 4 years based on CPI
    - Increased some Highway Use Tax Caps
    - Reduces motor fuel tax deductions
  - $435 M in increased budget availability (not revenues) by stopping General Fund Transfer
- Changes Motor Fuel Tax Revenue Distribution
  - From 75% to Highway Fund* and 25% to Highway Trust Fund**
  - To 71% Highway Fund and 29% to Highway Trust Fund
- Increases State Transportation Revenues used for Transportation
  - From 85% in 2008
  - To 99.5+% in 2016 forward
- NCDOT and OSBM Collaborative develop revenue forecast

* Highway Fund is for Maintenance and Operations activities

** Highway Trust Fund is for Capital Projects

Budget Authority Comparison



SFY 2016 – Projected Year-end State Revenues Comparison

Good News

- Forecast 3,260M
- Actual 3,420M

↑ $160M (5%)

Details

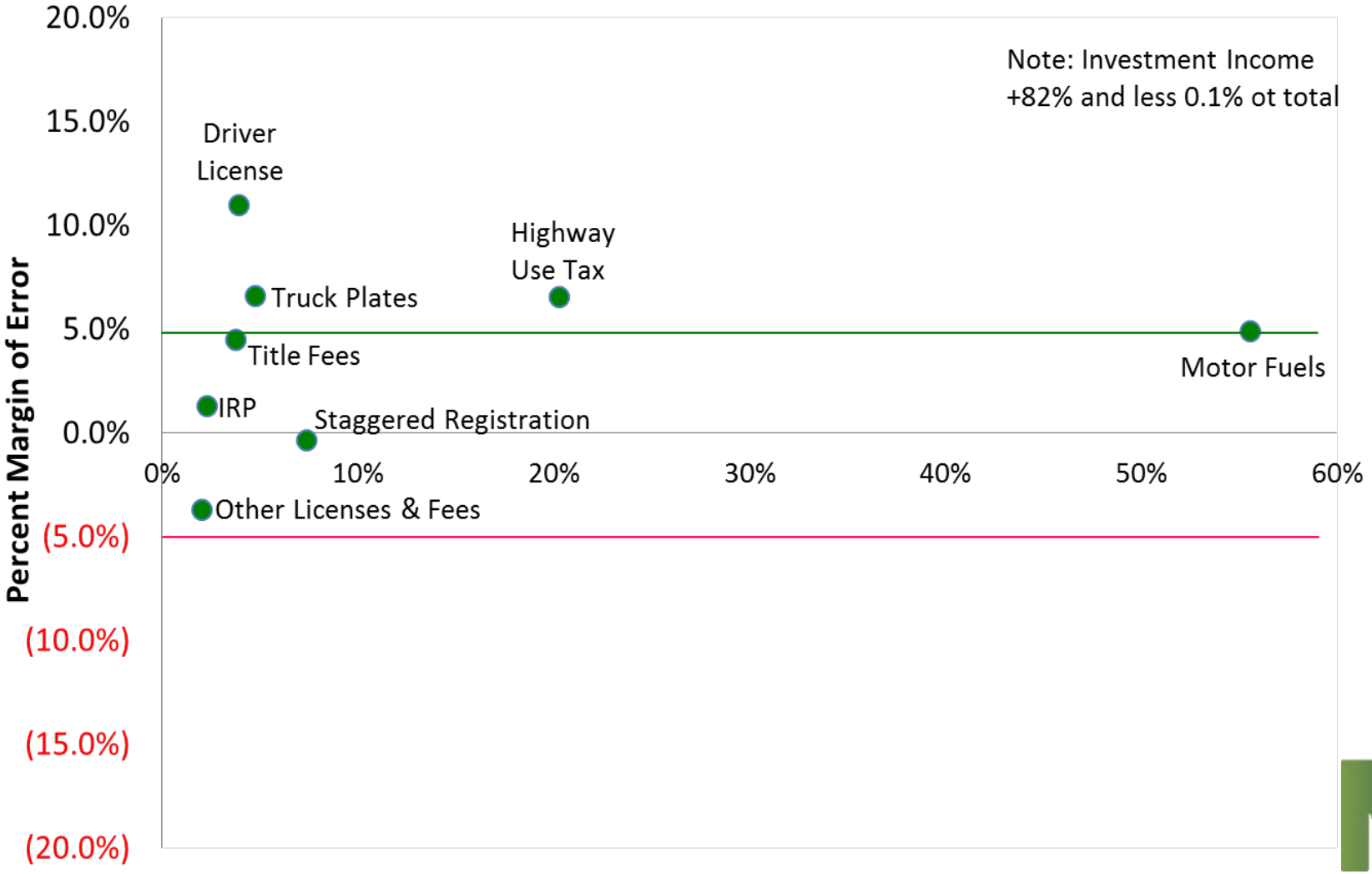
- Motor Fuel Taxes
  - Forecast 1,810M
  - Actual 1,900M

  Funding Impact
  ↑ $90M (5%)
  71% Highway Fund
- DMV Fees
  - Forecast 790M
  - Actual 817M

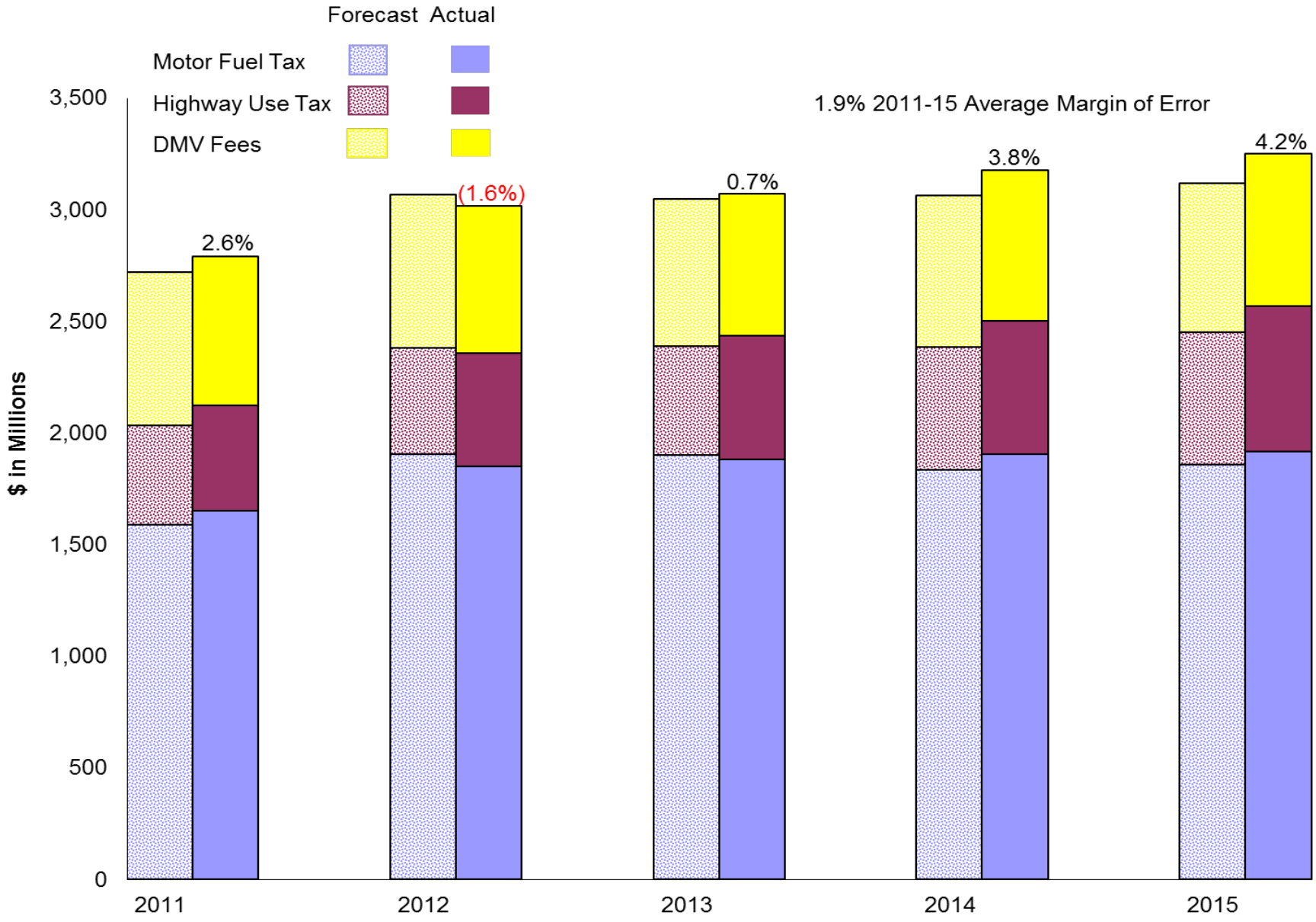
  ↑ $ 27M (3.5%)
  ≈85% Highway Fund
- Highway Use Tax
  - Forecast 660M
  - Actual 703M

  ↑ $43M (6.6%)
  100% Trust Fund

SFY 2016 – Projected Year-end Margin of Error



5 Year Annual Comparison Forecast vs Actual



Questions?



Transportation

HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 06-01-2016 TIME: 10:30 AM – 12:00 PM LOCATION: 150

MEETING CALLED BY	Jake Alexander
BOARD ATTENDEES	Committee: Blount, Brown, Crawford, Debnam, Hutchens, Palermo Others:

AGENDA TOPICS

1. APPROVAL OF MAY MINUTES	
DISCUSSION SUMMARY	
ACTIONS TAKEN	Minutes were approved as written.
2. U-0071 - EAST END CONNECTOR PROJECT – JOEY HOPKINS, PE, DENNIS JERNIGAN, PE & PHILLIP TOWNSEND, PE	
DISCUSSION SUMMARY	The U-0071 project, named the East End Connector because the new location part of the facility goes where East End Avenue is currently located and it connects US 70 and NC 147, is NCDOT's oldest unconstructed TIP project. Introduced as part of the City of Durham's Thoroughfare Plan in 1959, the East End Connector was eventually funded in 2003. Once the environmental document, public input and design were completed, the project was let in November 2014 with construction beginning February 2015 and an anticipated completion date of January 2020. This vitally important project reduces congestion, enhances transportation in the area, provides a reliable and efficient network, and will add the I-885 route designation, if the route designation is approved by AASHTO. The public outreach was quite extensive for this project including several informational workshops, meetings and presentations and multiple newsletters sent to thousands of residents. (Though the public input on the design is complete, public involvement is still an important part of the construction process. The Department maintains a website, e-mail address and toll free number to answer any questions while construction is ongoing.) Four design alternatives as well as the no-build option were reviewed before a final alternative (number 3) was chosen to be the Least Environmentally Damaging Practicable Alternative (LEDPA). The planning and design team includes 13 private engineering firms and involved almost every NCDOT Unit and the construction team adds a prime contractor and over 20 subcontractors to the contract. Much of the construction inspection is being handled through a project-specific CEI contract that includes a prime and two subs, who are currently providing 13 technicians and one to two more may be added. The project also includes coordination with the City of Durham, NCRR, NS, CSX and community. The total construction cost for Alternative 3 (LEDPA) is $142M and includes 1.25 miles of the new East End Connector roadway as well as 2.75 miles of improvements to US 70 and 2 miles of improvements to NC 147. Additionally, it includes 16 new bridges, 4 new culverts and 4 rehabilitation bridges. One of the bridges, a scissor bridge, is a unique design and is only the 2nd to be built in the State. It is constructed perpendicular to the standard configuration of a bridge and as such will be approximately 70' long by 400' wide. The project is currently in Phase I of construction with the first major traffic shift on NC 147 took place in mid-February of this year. The project is approximately 22% complete and is on schedule to be completed by January 2020.
ACTIONS TAKEN	

3. OVERSIZE/OVERWEIGHT PERMITS – KEVIN LACY, PE	
DISCUSSION SUMMARY	This Oversize/Overweight Permit Unit provides the legal means for all industries to carry out their business. If a load is non-divisible and has one or more of the following characteristics, a permit is required to legally operate on NC's roadways: wider than 8'6", and/or, taller than 13'6", and/or longer than 40' for a single vehicle (60' if a combination vehicle), greater than 80k lbs. unless the General Assembly has provided a higher legal weight. (A divisible load is something that can be easily broken down into legal size or weighted loads in a reasonable amount of time.) The cost for the permit varies depending on the type of trip (single, annual, etc.), the dimensions and the weight of the load. The revenue generated in 2015 by permits was approximately $6.5M. The Department's approach for applying regulations is to ensure the safety of the public is protected first and foremost as well as the public's investment in the State's infrastructure. In each case, the Department will research, consider the level and magnitude of risk, and provide a clear explanation of what will be considered and why. One of the largest consumers for oversize/overweight permits is the Department's contractors for the purposes of shipping large piles, girders and construction equipment for transportation construction projects. For instance, the Unit has been coordinating convoying and night hauling (to avoid beach traffic) for the Bonner Bridge project. Other loads being hauled across NC include large generators, wind turbine blades, portions of airplanes and large beer vats for breweries. Issuing permits and hauling these loads is successful through coordination of various professionals throughout multiple industries: various NCDOT units, specialized haulers, the Highway Patrol and Local Law Enforcement, Utility Companies, escort drivers and community colleges. All of these partners work together to help ensure businesses can move across the State and keep the economy growing.
ACTIONS TAKEN	

4. EQUIPMENT OPERATIONS – SCOTT CAPPS, PE	
DISCUSSION SUMMARY	It is the mission of the Fleet and Material Management Unit (FMMU) to provide vehicles, equipment, and inventoried materials in support of the 14 Transportation Divisions and Central Units for the Division of Highways. The FMMU manages and maintains 118 fueling sites, 108 shop facilities, 22 weigh stations, and maintains a statewide radio system. The Unit provides vehicle, equipment, and fleet training to personnel staffed within FMMU and the 14 Transportation Divisions. These primary functions are accomplished through three subsidiary sections within the unit; Fleet Support, Operations and Material Management, Procurement and Specifications. The FMMU operates fiscally through a revolving fund in which rental rates are established for vehicles and equipment utilized within the 14 Transportation Divisions and Central Units. The FMMU operates solely from the rental income and receives no appropriated funds. The Department developed a rental rate calculator that takes into account direct and indirect costs, new equipment costs, utilization rates, salvage values and life cycle costs. Additional analysis is done to make decisions on renting vs. owning equipment and repair vs. replacing equipment as well as a disposal analysis and utilization reporting. This data analysis ensures the Department is making the best financial decisions on equipment procurement, repair and/or disposal. The Unit continues to work on initiatives to work with new technology to realize more savings for the Department. Some of these initiatives include a pilot project deploying GPS trackers on equipment and wireless communication as fuel sites.
ACTIONS TAKEN	

HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION
JUNE 29, 2016

TIME: 10:30 AM – 12:00 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Non System Roads Survey	Delbert Roddenberry, PE	20 min
I-40 Pigeon River Gorge	John Pilipchuk, LG, PE	20 min
Monroe Expressway Update	Scott Cole, PE	20 min
Other Discussion	Jake Alexander	30 min



Nothing Compares
NORTH CAROLINA

Board of Transportation Highways Committee

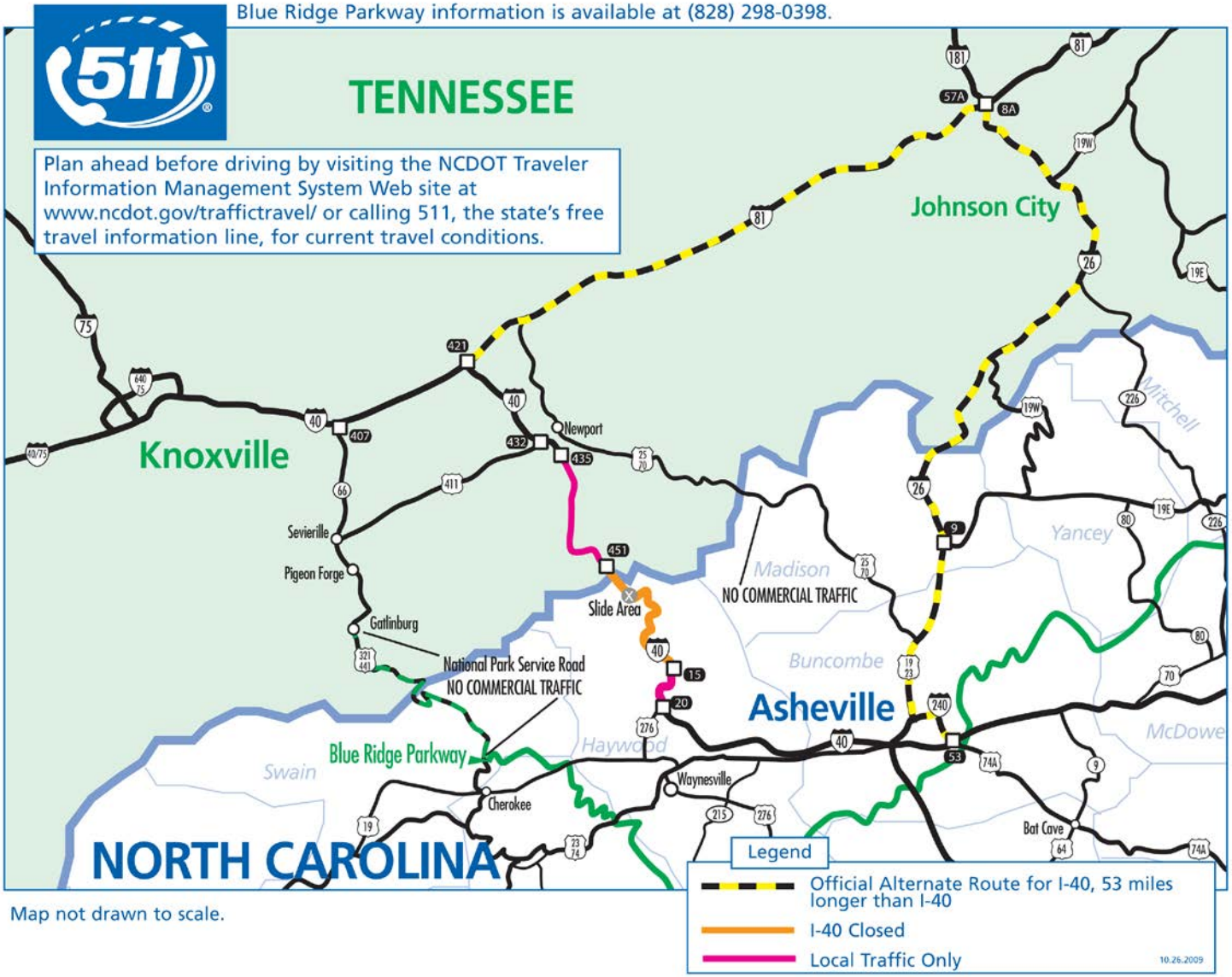
June 29, 2016

I-40 Pigeon River Gorge

John Pilipchuk, LG, PE

State Geotechnical Engineer




Blue Ridge Parkway information is available at (828) 298-0398.
511
TENNESSEE
Plan ahead before driving by visiting the NCDOT Traveler Information Management System Web site at www.ncdot.gov/traffictravel/ or calling 511, the state's free travel information line, for current travel conditions.
Johnson City
Knoxville
Newport
Sevierille
Pigeon Forge
Gatlinburg
National Park Service Road
NO COMMERCIAL TRAFFIC
Slide Area
NO COMMERCIAL TRAFFIC
Asheville
Blue Ridge Parkway
Swain
Haywood
Madison
Yancey
Mitchell
Buncombe
McDowe
Waynesville
Cherokee
Bat Cave
NORTH CAROLINA
Legend
Official Alternate Route for I-40, 53 miles longer than I-40
I-40 Closed
Local Traffic Only
10.26.2009
Map not drawn to scale.

I-40 in Haywood County

- Average Daily Traffic

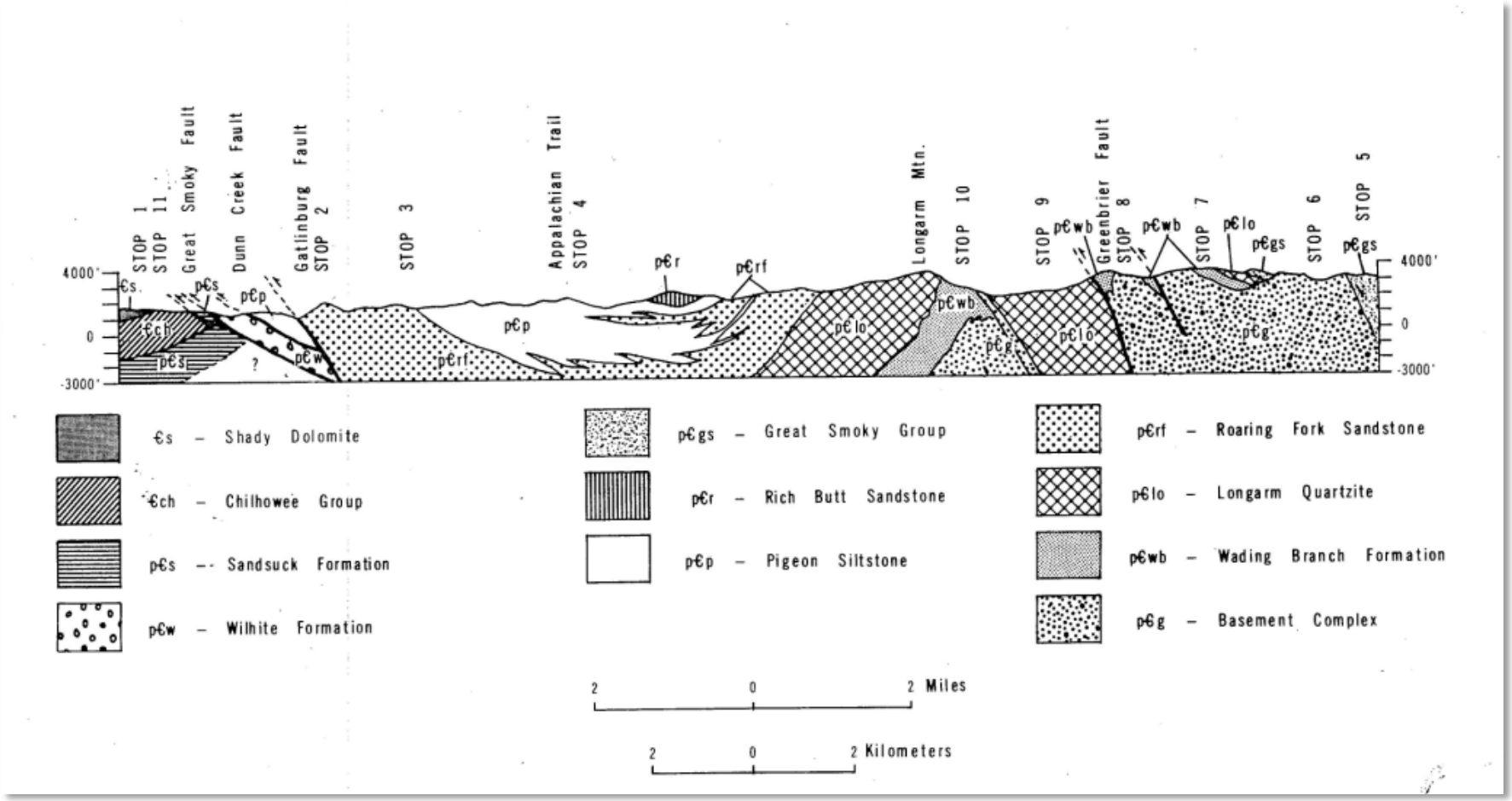
  22,000 Vehicles per day of which

  ~10,000 are Commercial Carriers

- Estimated Value to the World Economy

  $1,000,000 per day

Geologic Structures Present in the Gorge



Events in the Gorge

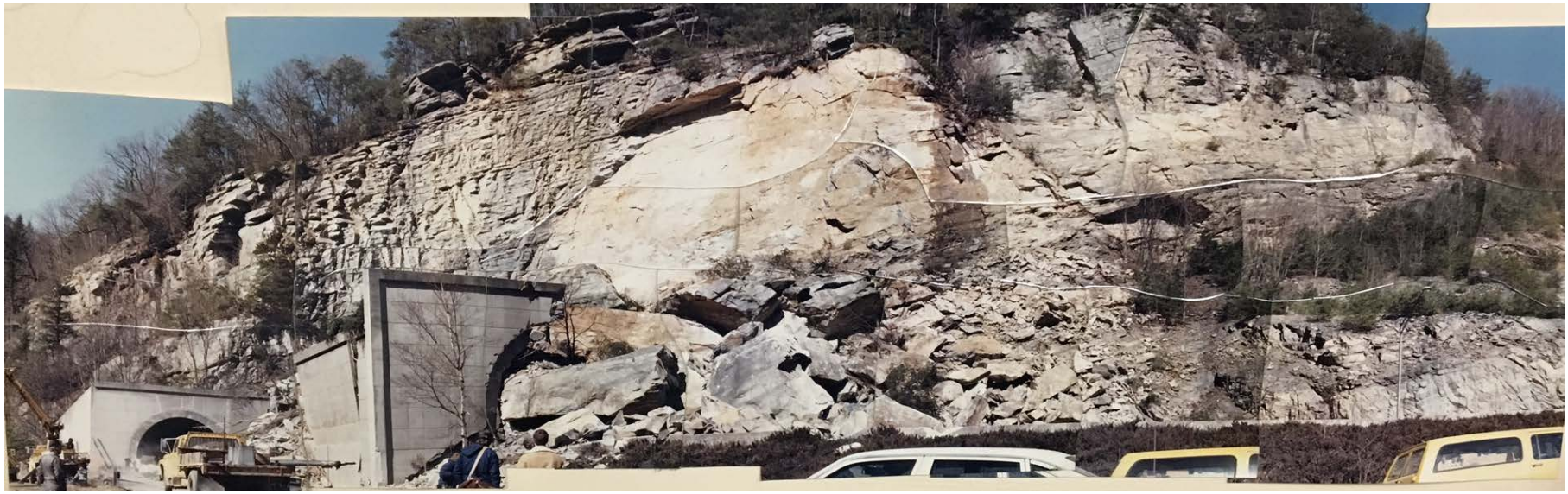
- 1968: I-40 through Pigeon River Gorge opens.
- April 1972: A massive slide dumps about 100,000 cubic yards of mud and rock on the road, closing a six-mile stretch of westbound lanes for almost two weeks.
- June 1973: A slide between Fines Creek and Harmon Den closes east and west bound lanes. Forty motorists are stranded at the North Carolina welcome center.
- February 1981: Huge boulders, some measuring 30-40 feet in diameter come down Snowbird Mountain near Waterville, leaving 30,000 cubic feet of rock on I-40.
- March 1982: Slide blocks westbound lanes for several weeks. Traffic is reduced to one lane each direction.
- March 1985: The largest slide in the highway's history occurs at the eastern end of the tunnels near the state line. Approximately 100,000 tons of rock and mud collapses the tunnel entrance. The slide closes the road for 18 days, traffic goes into a two lane pattern for nine more months.

Events in the Gorge

- Mid 1980's: NCDOT conducts major work in the gorge to scale rock and install rock bolts
- April 1989: About 5,000 cubic yards of rock falls onto the highway near Harmon Den, striking three tractor-trailers and blocking traffic for six hours.
- March 1990: Massive slide blocks westbound lanes east of the state line.
- March 1991: A 6 foot wall of mud crashes through a concrete retaining wall and blocks westbound traffic near the Tennessee state line.
- April 1994: About 1,000 tons of rock close westbound lanes for about three hours.
- July 1997: Massive slide near Mile Marker 1 closes I-40 for more than 2 months.
- September 19, 2004: Embankment failure due to scour from Pigeon River. Hurricane Frances and then Ivan passed through western part of North Carolina.
- October 25, 2009: Rock Slide near MM 2.5 closes I-40 for 6 months. While I-40 is closed for repair, another slide occurs at MM 6.9 near Harmon Den January, 2010.
- January and March 2012: Rock fall at MM 6.9 near Harmon Den. Rock reaches travel lanes. I-40 was already closed due to a rock slide in Tennessee.

*Most of the data on this slide and previous slide came from a John Boyle/R. Bradley article in the Asheville Citizen Times

March 1985 Rock Slide





1997 Slide

1997 Slide



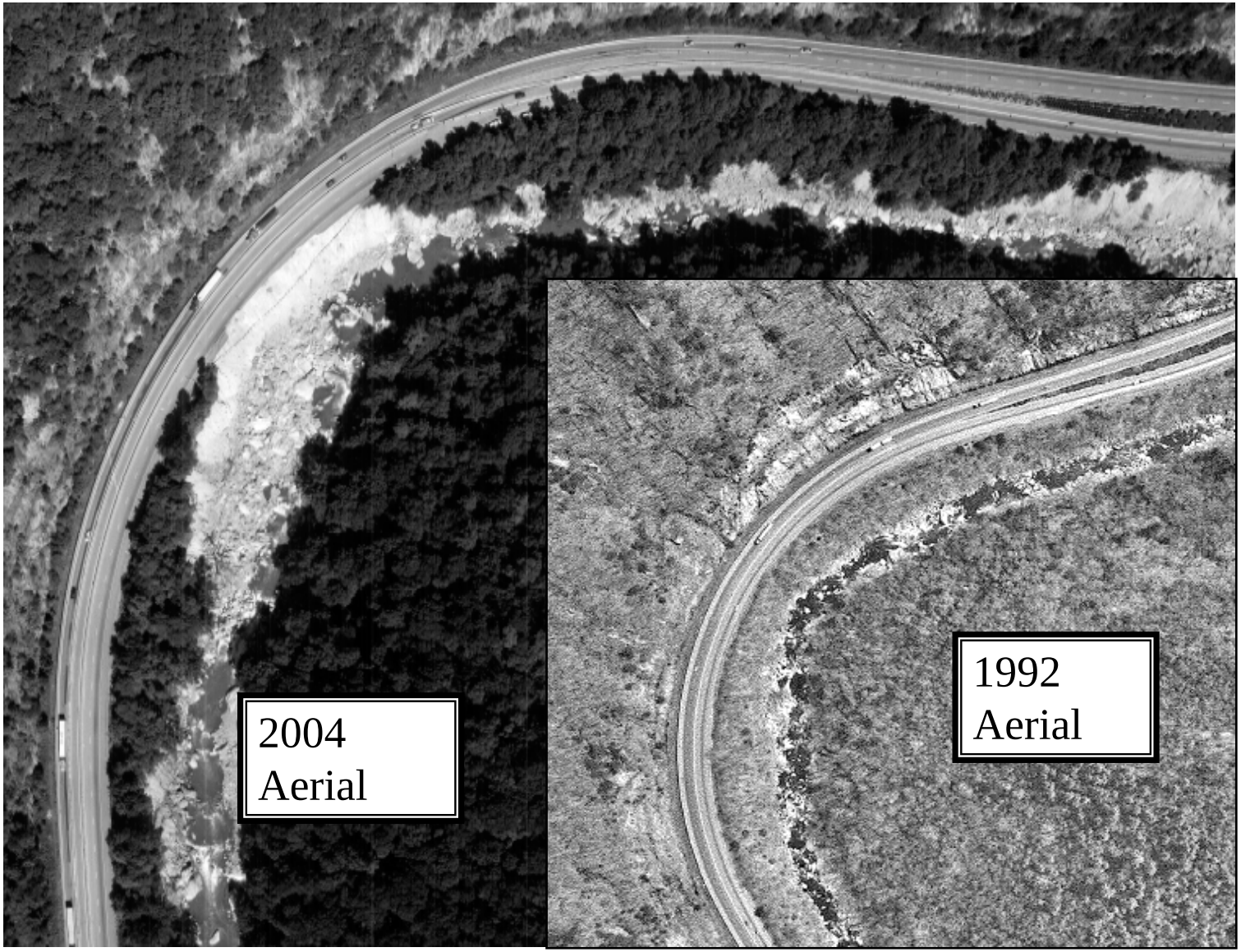
September 17, 2004 Embankment Failure



Embankment failure due to Hurricanes Frances and Ivan scour from Pigeon River. Traffic reduced to two lanes.

Three other sites in the gorge also required repairs (on the river side).

September 17, 2004 Embankment Failure




September 17, 2004 Embankment Failure

September 17, 2004 Embankment Failure



October 25, 2009 Rock Slide



- **Closed I-40 at Exit 20 in North Carolina and Exit 451 in Tennessee**
- **150 feet high and 200-300 feet wide**
- **2 accidents, 1 injury, no fatalities**
- **Debris mainly rock**

October 25, 2009 Rock Slide



October 25, 2009 Rock Slide



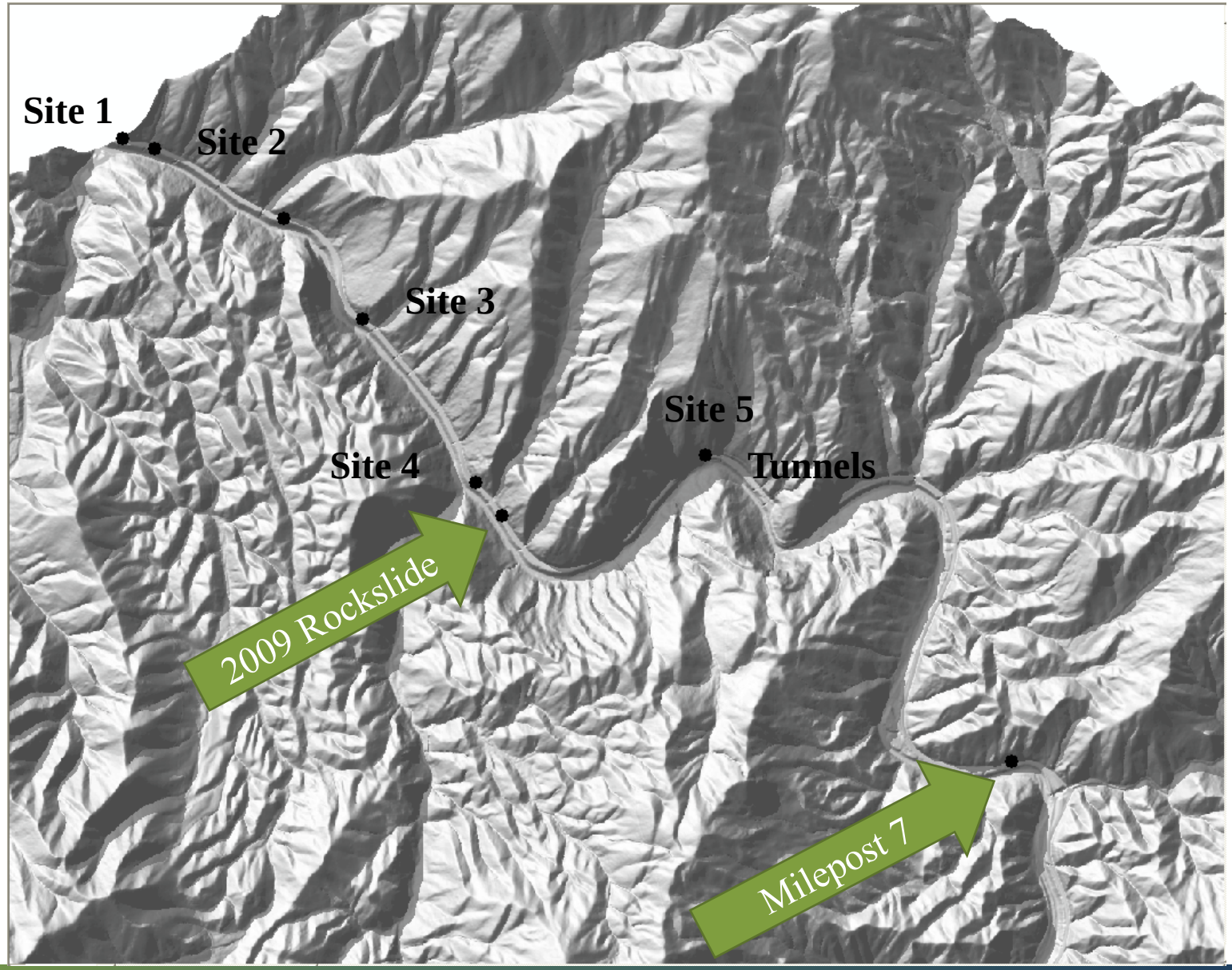




October 25, 2009 Rock Slide

C202543, Let: 12/16/09, Contract amount: $10,345,012.19 Contractor: Phillips & Jordan, Inc.

Additional Work in the Gorge During Closure



Additional Work in the Gorge During Closure



- 5 additional sites were scaled, and anchors (active) and mesh installed as needed
- C202574 I-5300, Let: 4/19/10, Contract amount: $1,543,199.65 Contractor: Rock and Company

I-40 Milepost 7 January 2010



I-40 Milepost 7 January 2010



Small Rock fall 2014





I-5508 I-40 Milepost 7

This slope failed during construction (1970's) to approximately its current irregular shape.

January 2010: a large failure occurred while the highway was closed for repair of the Oct. 2009 rockslide in NC. The eastern end of the slope was scaled and meshed. The western end was not scaled, but received a lightweight attenuator.

January 2012: A significant failure on the Eastern end of the slope was directed into the ditch by the mesh (2010 repair) and rock spilled into the travel lanes. The westbound lanes were already closed as a result of a rockslide just over the border in Tennessee.

March 2012: Rockfall, this time originating from the Western end of the slope, was directed to the ditch by the lightweight attenuator (2010 repair). The ditch soon filled up and rocks again reached the travel lanes, all while the westbound lanes were closed.

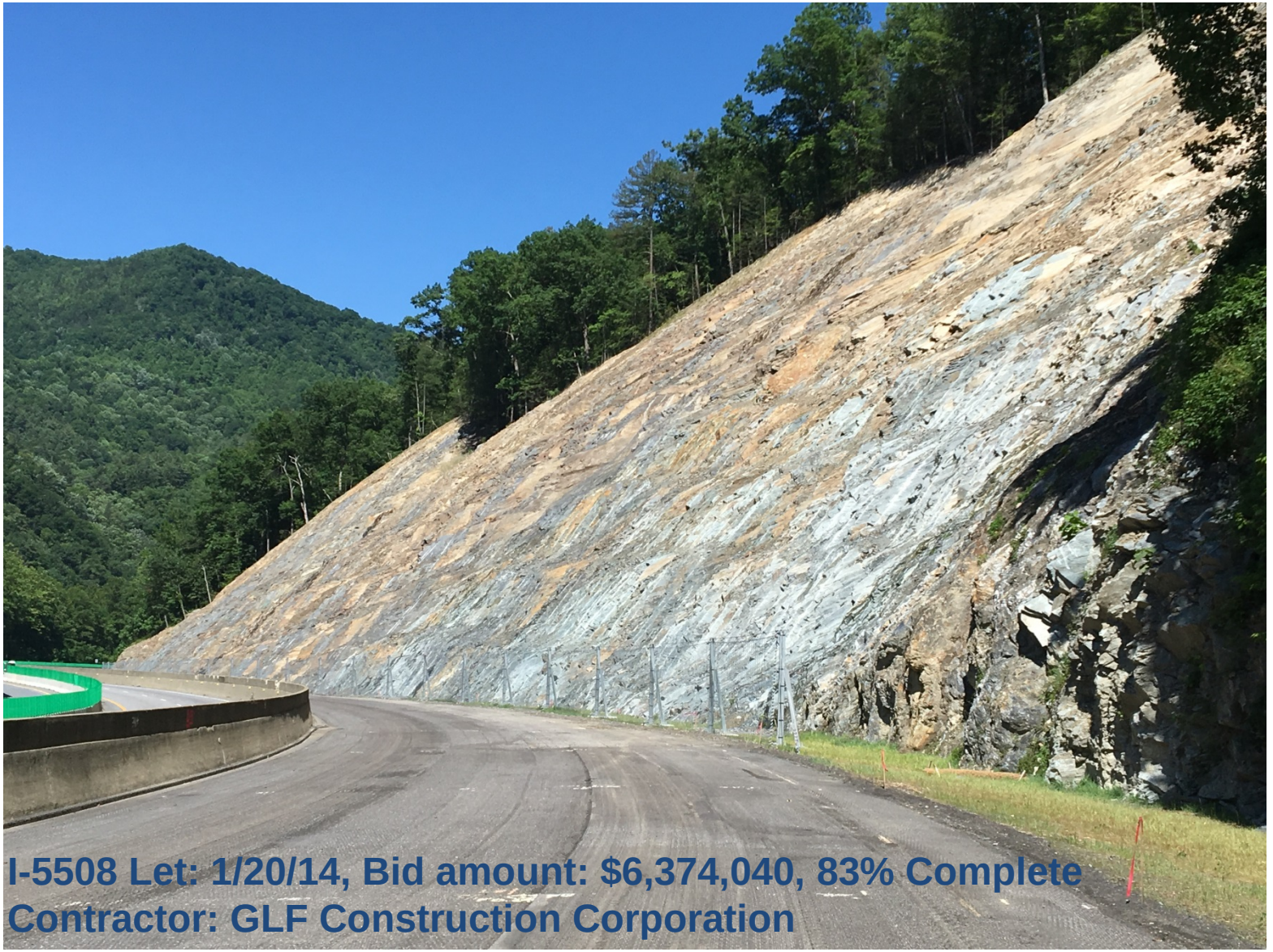
I-5508 was created early 2012, Let 1/20/15

I-5508 Small Rockfall





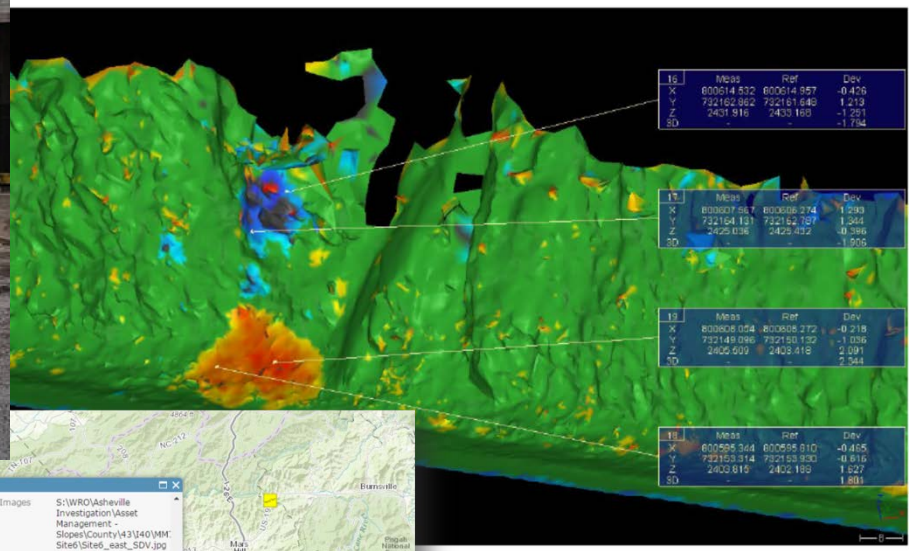
I-5508 Finished Slope

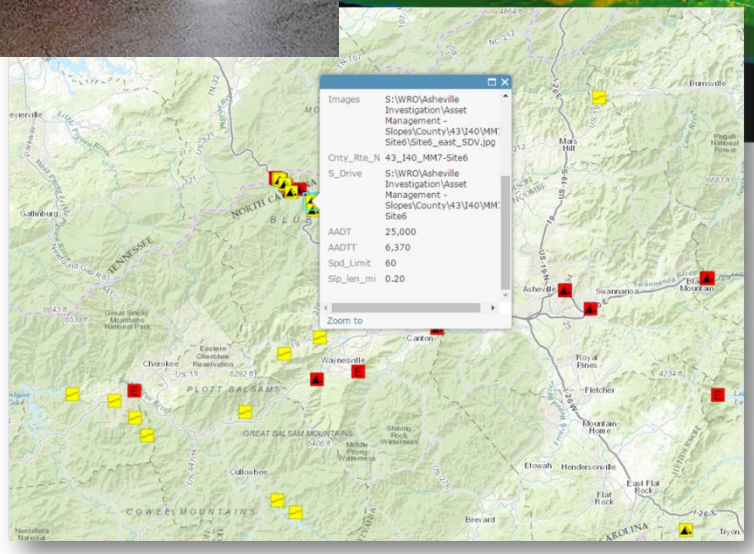


I-5508 Let: 1/20/14, Bid amount: $6,374,040, 83% Complete
Contractor: GLF Construction Corporation

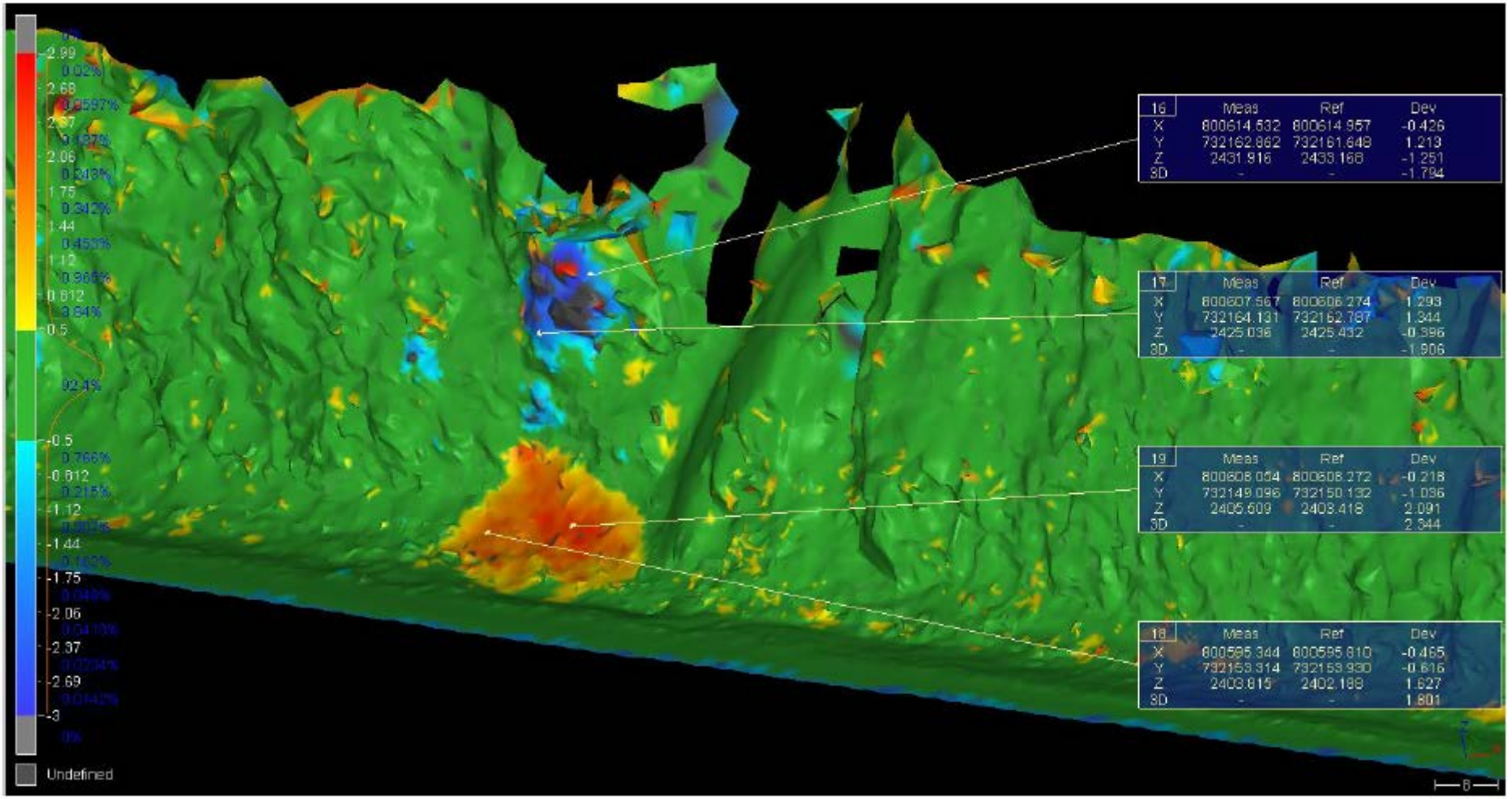
IMAPS, LiDAR Scans of Gorge, Ratings of Slopes



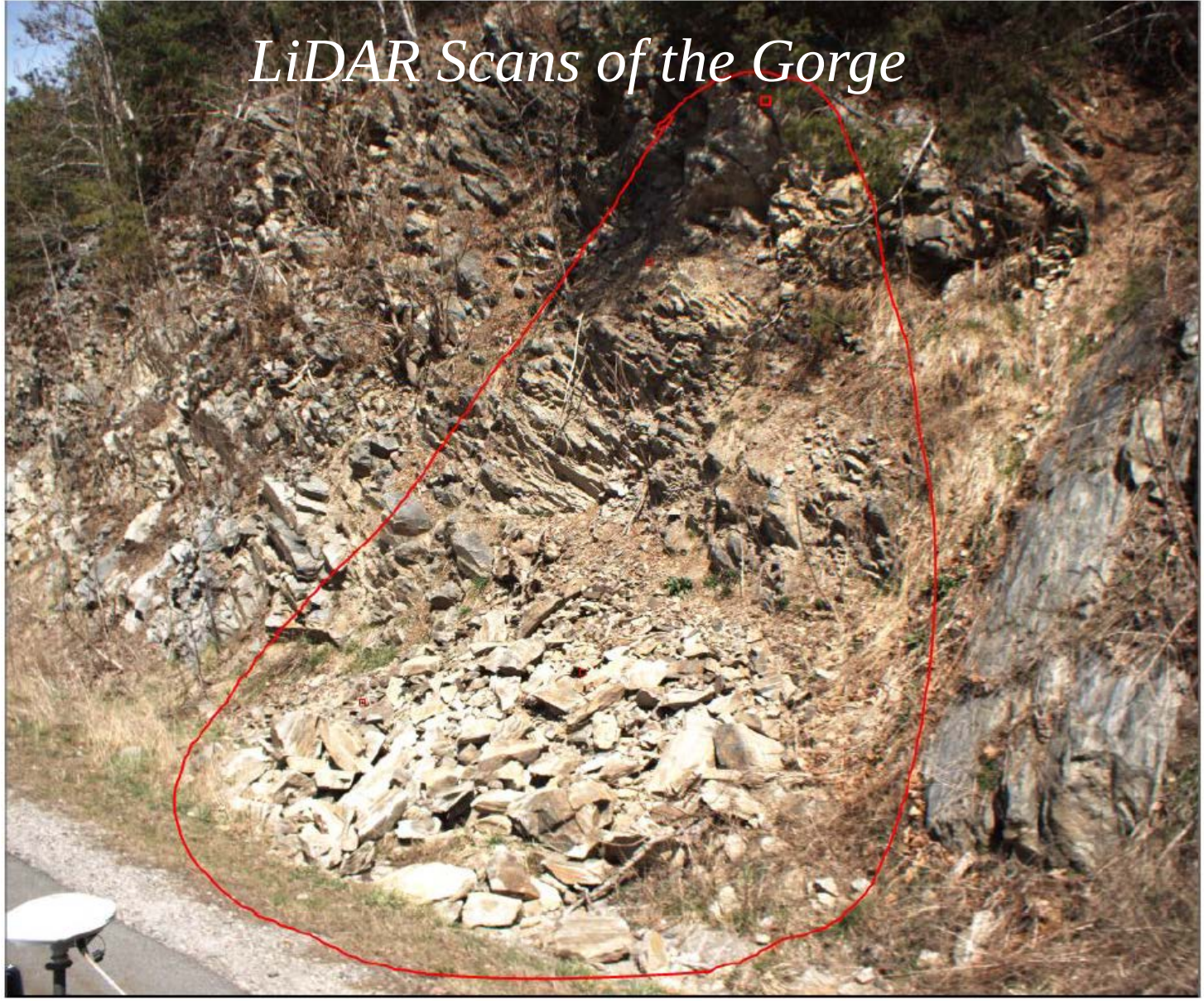




LiDAR Scans of the Gorge

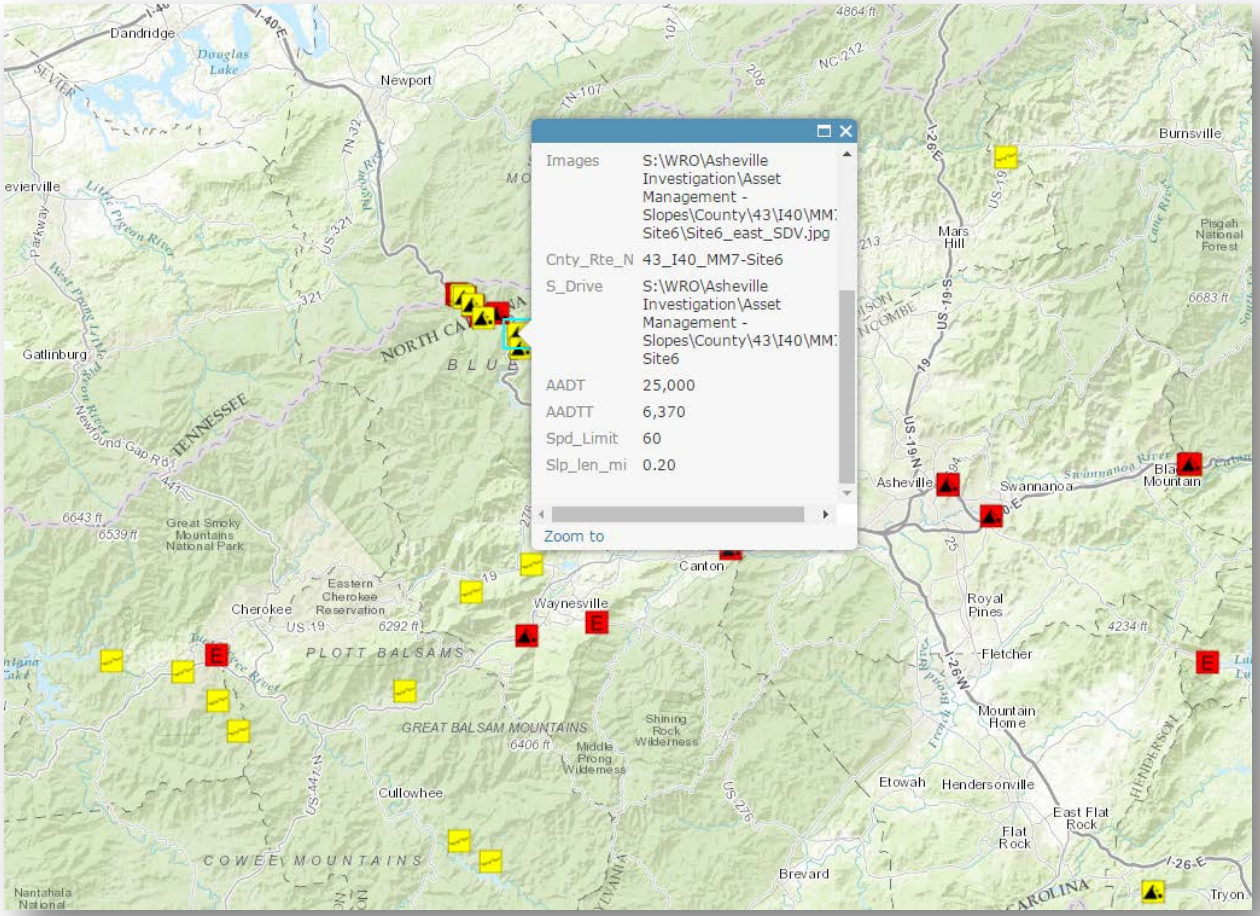


LiDAR Scans of the Gorge



Visible Rock Debris Area (Label 16-19)
Image from Mobile LiDAR data collected on 03/21/2014

Rating of Slopes

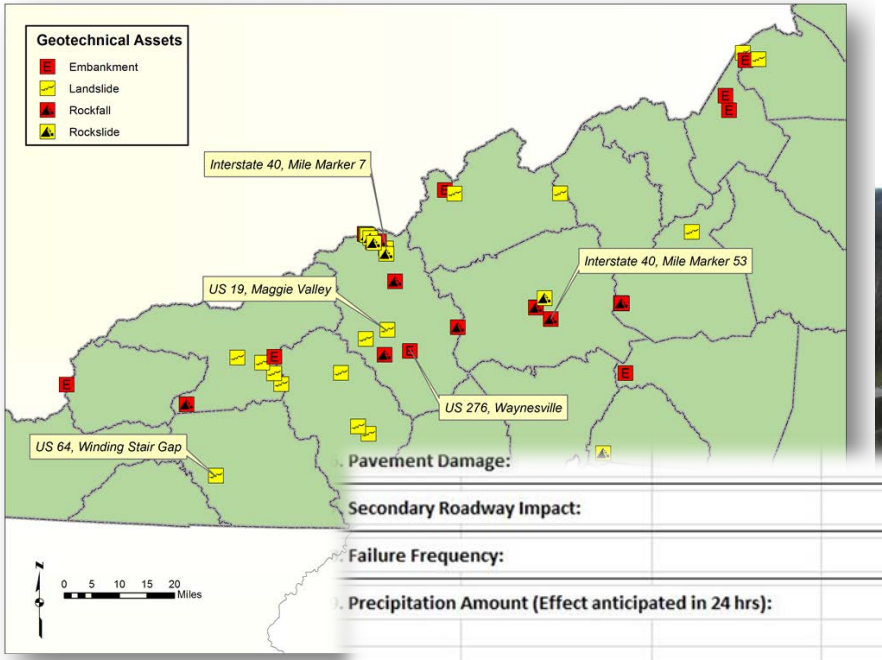


Rating of Slopes

ASSET MANAGEMENT - SLOPES

Date:		*Field Geologist:*		*Division:*	
County No.:		*Latitude:*		*Northing:*	
County Name:		*Longitude:*		*Easting:*	
Route No.:		*Common Name:*			
					Score:
1. Route Type:					N/A
2. Detour Factor:			*A. Type of Detour:*		Select Detour
			B. Detour Length:		Select Length
3. Failure Type & Volume			*Type:*	*Volume (yd^3)*	
			Rockfall		Select Quantity
			Rockslide		Select Quantity
			Landslide		Select Quantity
			Embankment		Select Quantity
4. Average Vehicle Risk (AVR)					
$AVR = \frac{ADT * Slope\ Length\ (miles)}{Speed\ Limit\ (mph)} * 0.01$			ADT =		
			Slope Length (miles) =		
			Speed Limit (mph) =		
			AVR:	Traffic Info Needed	
5. Roadway Impedence:					Select Imp.
6. Pavement Damage:					Select Damage
7. Secondary Roadway Impact:					Select Impact
8. Failure Incidence:					Select Freq.
9. Precipitation Amount (Effect anticipated in 24 hrs):			*Type:*	*Precipitation (in):*	
			Rockfall		Select Precip.
			Rockslide		Select Precip.
			Landslide		Select Precip.
			Embankment		Select Precip.
10. Maintenance Frequency:					Select Maint.
11. Groundwater (Seepage):			*Type:*	*Seepage Presence:*	
			Rockfall		Select GW Seep.
			Rockslide		Select GW Seep.
			Landslide		Select GW Seep.
			Embankment		Select GW Seep.
12. Previous Remediation:					Select Rem.
13. Total Score:				Please fill out each category	

Rating of Slopes





. Pavement Damage:		Moderate	5
Secondary Roadway Impact:		Long Term	3
Failure Frequency:		Ravelly (continuous	1.3
. Precipitation Amount (Effect anticipated in 24 hrs):			
	Type:	*Precipitation (in):*	
	Rockfall		N/A
	Rockslide	1-2in	1.1
	Landslide		N/A
	Embankment		N/A
0. Maintenance Incidence:		More than 1 per yea	2
1. Groundwater (Seepage):			
	Type:	*Seepage Presence:*	
	Rockfall		N/A
	Rockslide	None	1
	Landslide		N/A
	Embankment		N/A
2. Previous Remediation:		Control Measures	1.1
3. Total Score:			1504.1105

Questions?





Nothing Compares
NORTH CAROLINA

Board of Transportation Highways Committee

June 29, 2016

Monroe Expressway Update

Scott Cole, PE

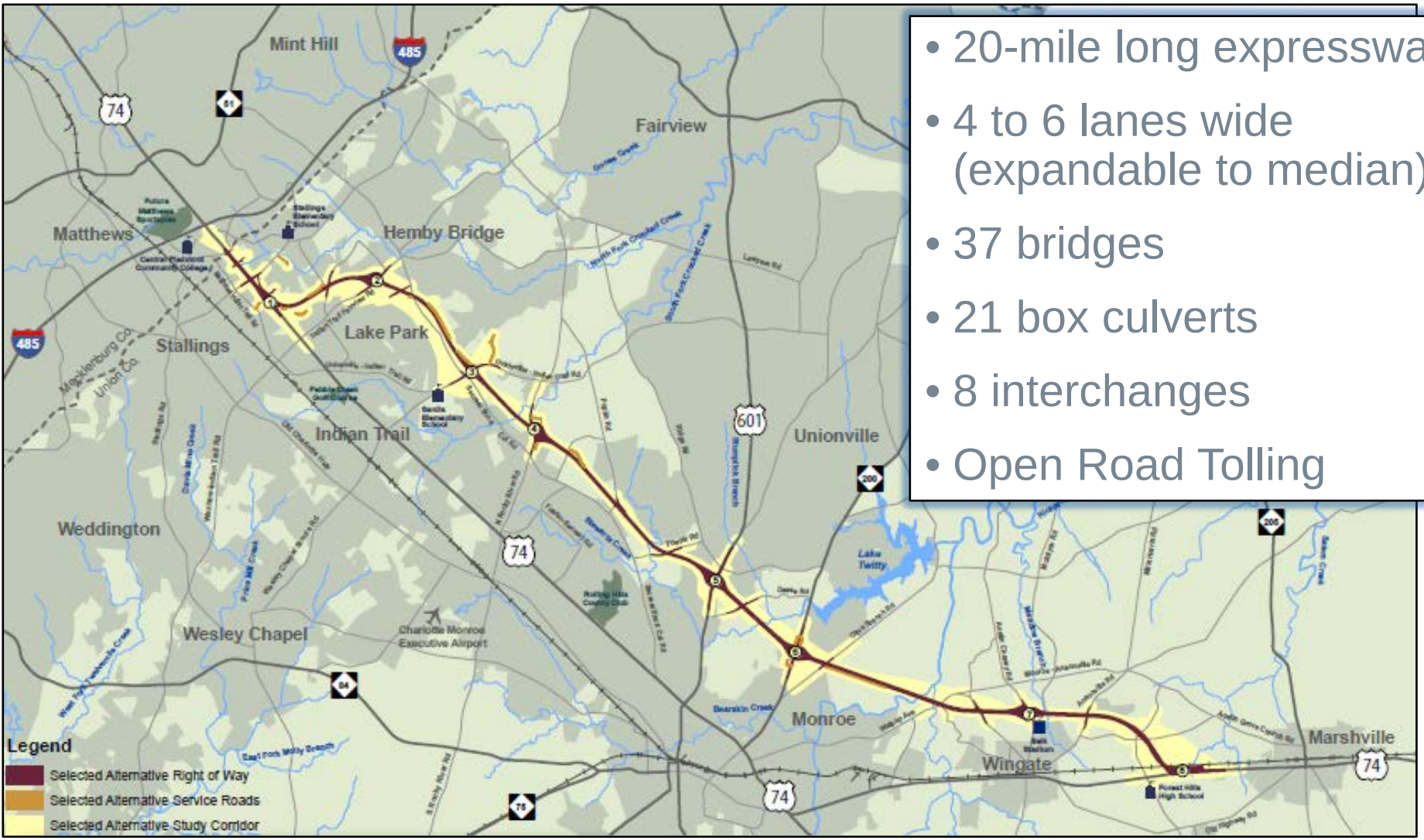
Acting Division Ten Engineer



Today's Discussion:

- Project Overview
- Update Status
  - ✓Design Changes
  - ✓Litigation
  - ✓Tolling and Revenue
  - ✓Construction

MONROE EXPRESSWAY OVERVIEW

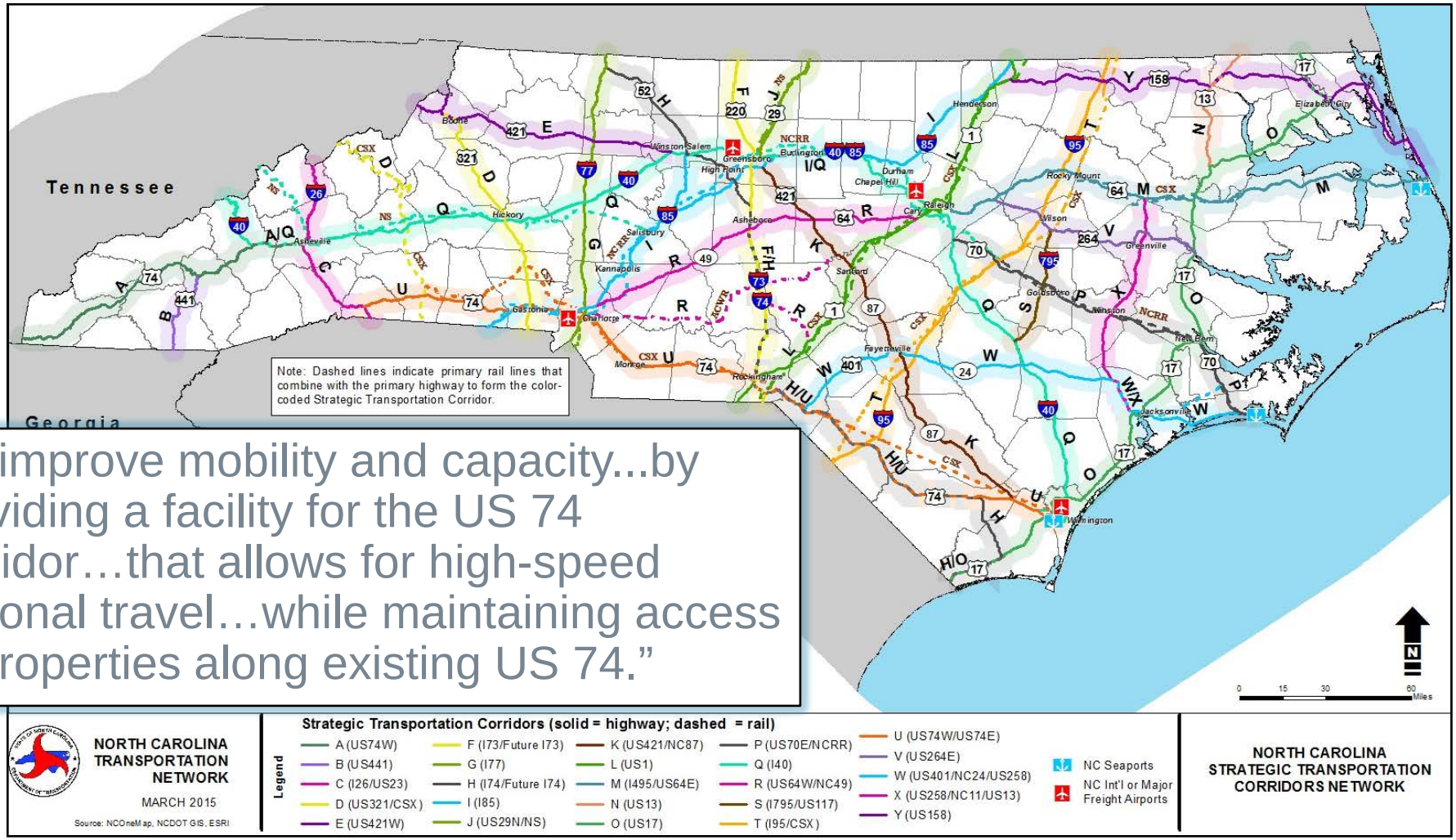


- 20-mile long expressway
- 4 to 6 lanes wide (expandable to median)
- 37 bridges
- 21 box culverts
- 8 interchanges
- Open Road Tolling

OPEN ROAD TOLLING

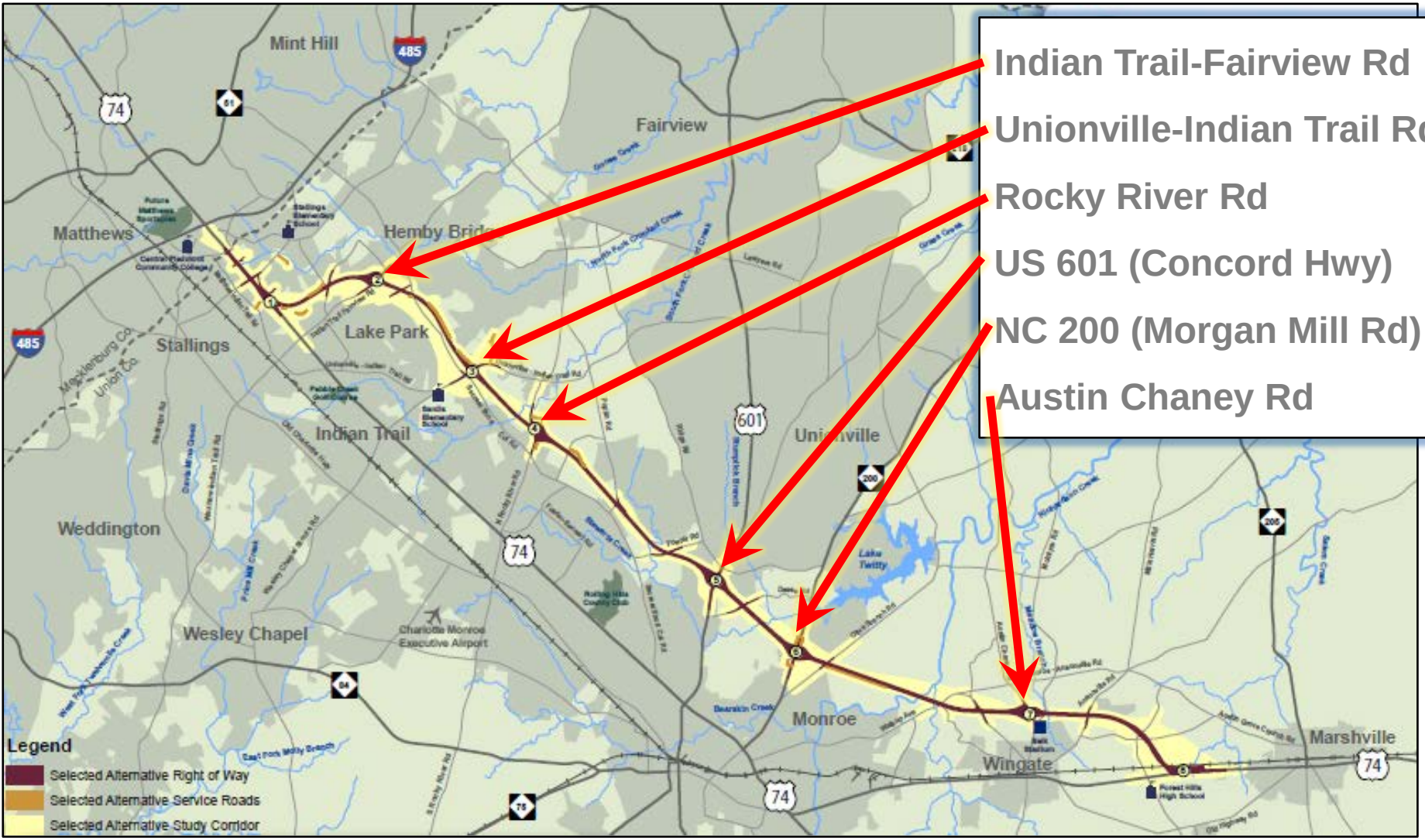


PROJECT PURPOSE

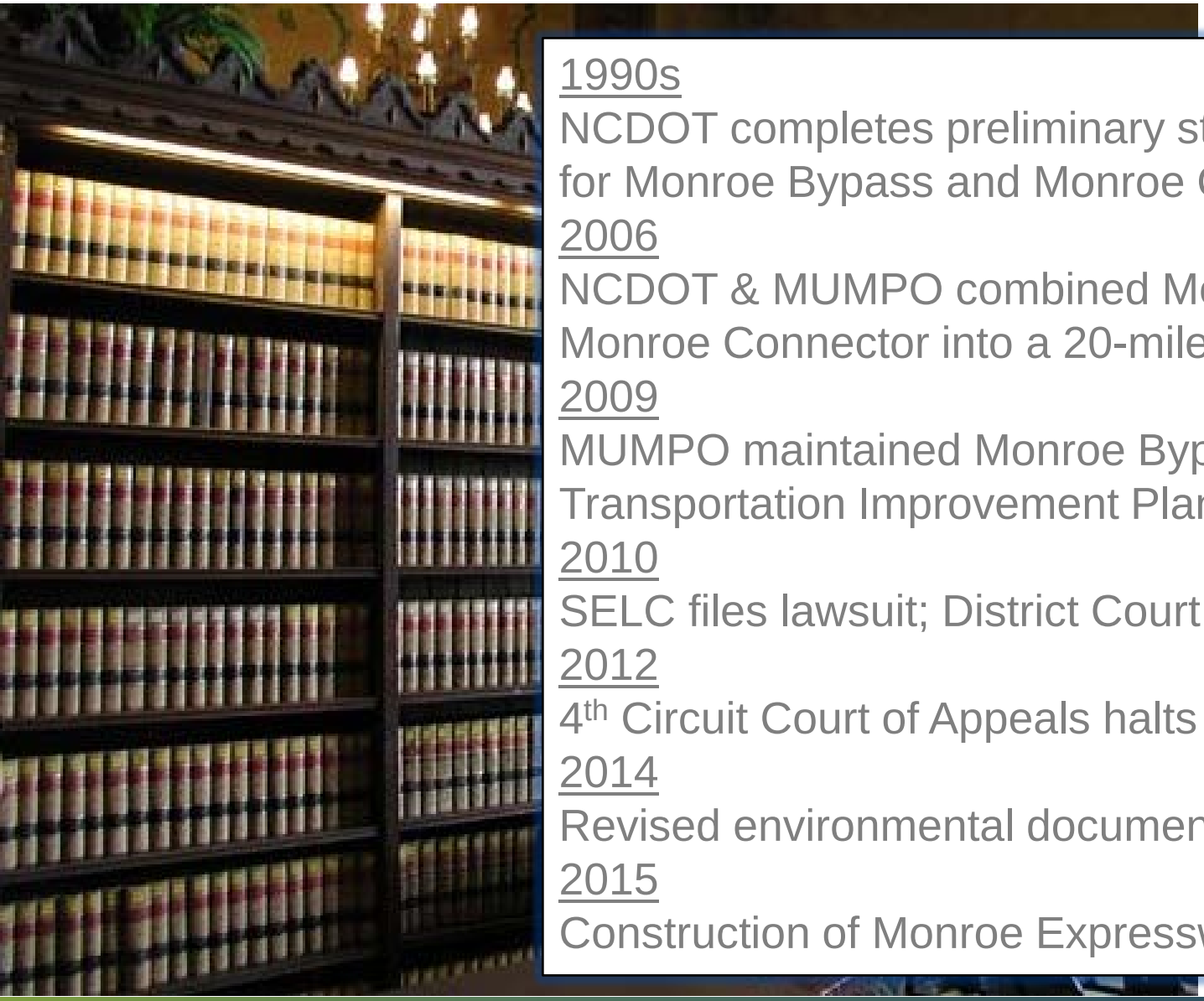


"To improve mobility and capacity...by providing a facility for the US 74 corridor…that allows for high-speed regional travel…while maintaining access to properties along existing US 74."

Monroe Expressway: Interchanges



PROJECT DEVELOPMENT - HISTORY



1990s
NCDOT completes preliminary studies completed for Monroe Bypass and Monroe Connector

2006
NCDOT & MUMPO combined Monroe Bypass with Monroe Connector into a 20-mile tolled facility

2009
MUMPO maintained Monroe Bypass on the Transportation Improvement Plan

2010
SELC files lawsuit; District Court denies injunction

2012
4th Circuit Court of Appeals halts project

2014
Revised environmental document approved

2015
Construction of Monroe Expressway began

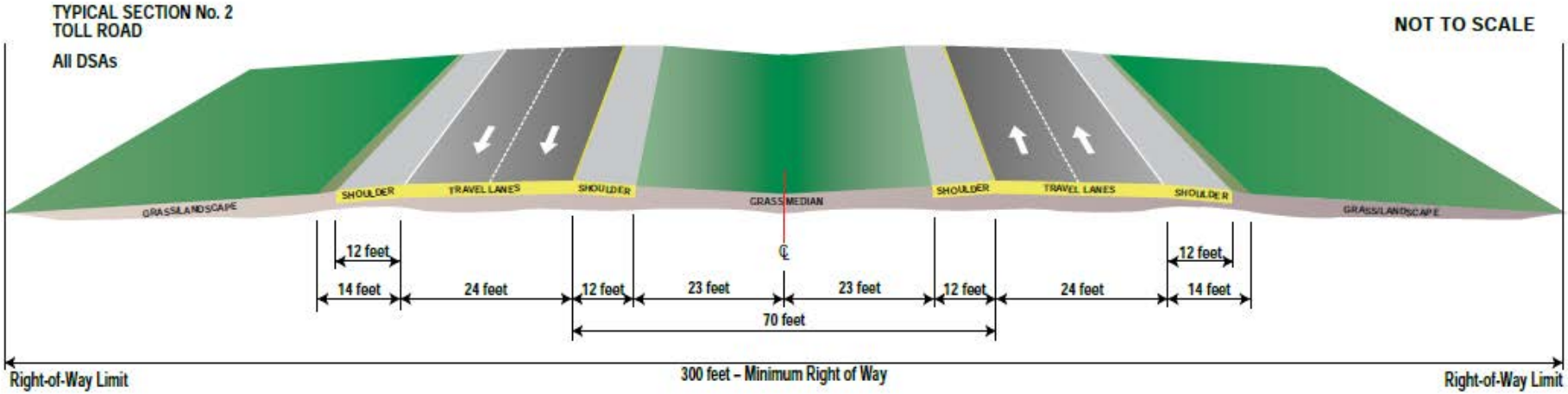
LITIGATION UPDATE

- On June 9, 2016 the 4th Circuit Court of Appeals issued its ruling affirming the District Court opinion in favor of NCDOT and FHWA

- The District Court opinion stated the following:

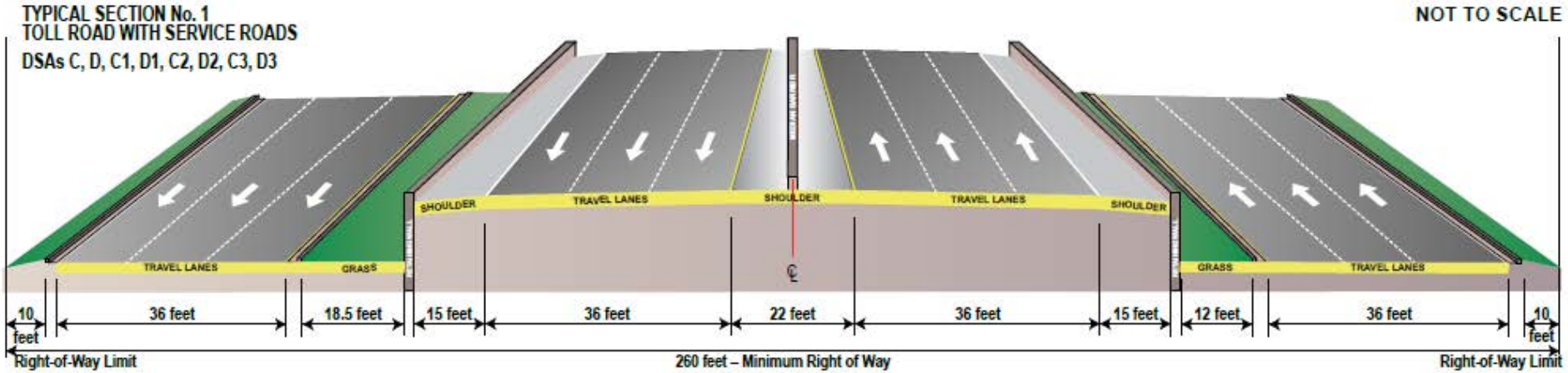
1) Plaintiff did not establish that the NCDOT & FHWA failed to take a sufficient 'hard look' at the reasonable alternatives.
2) NCDOT & FHWA adequately analyzed project environmental impacts – including any growth induced by the project itself and the cumulative project impacts.
3) NCDOT & FHWA had complied with NEPA's requirements for public comment and transparency.
4) NCDOT & FHWA did not abuse their discretion in issuing the Final EIS and the Record of Decision together.

TYPICAL SECTION AND AESTHETICS



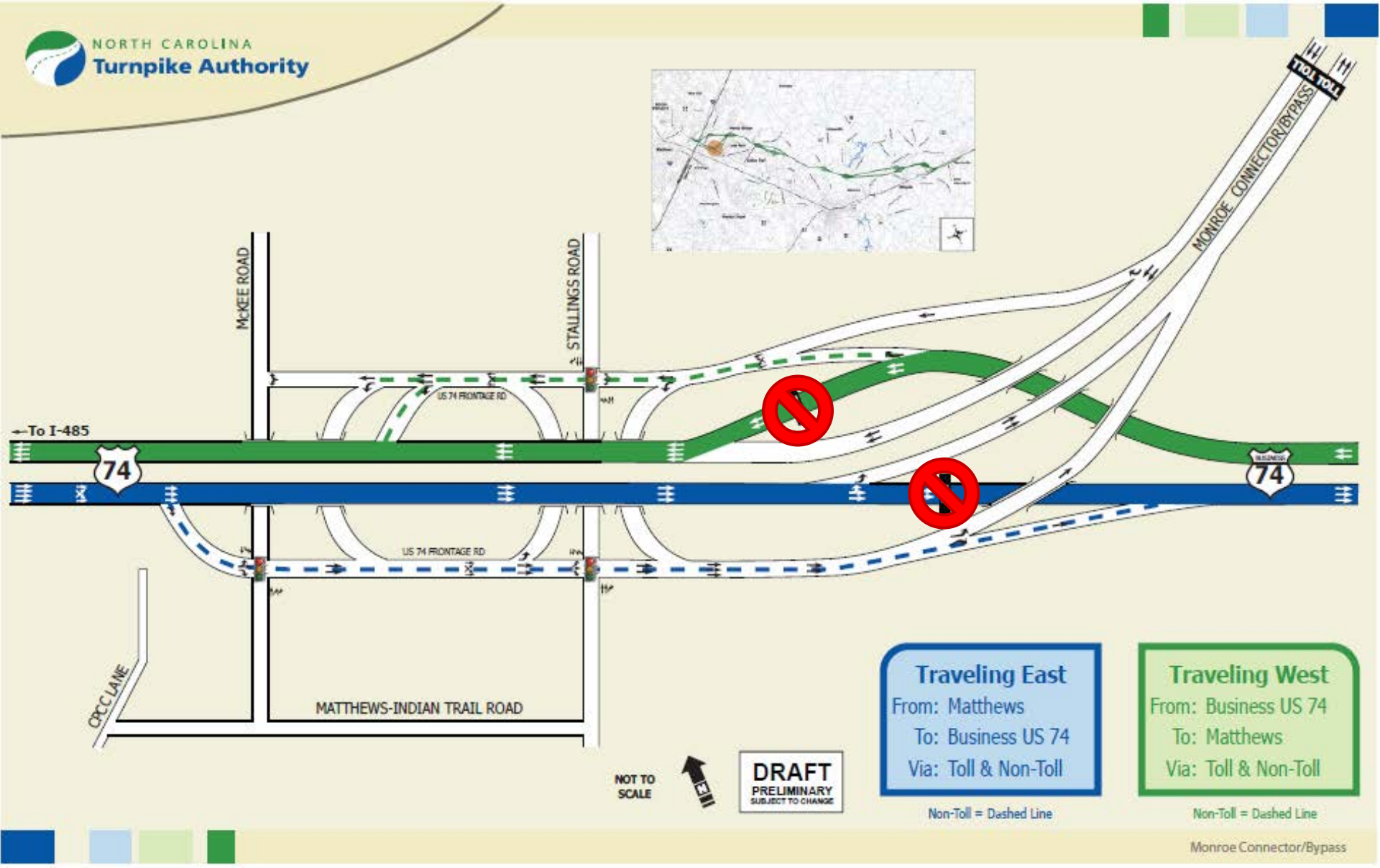


WESTERN SECTION AND AESTHETICS





WESTERN TERMINUS TRAFFIC PATTERN



NEW TRAFFIC AND REVENUE STUDY

- Recognized removal of eastern interchange with Forest Hills School Road
- Recognized removal of western terminus gantries
- Adjusted tolls for uniform per-mile costs

Revenue projections are still sufficient to support project financing

Monroe Bypass Constructors

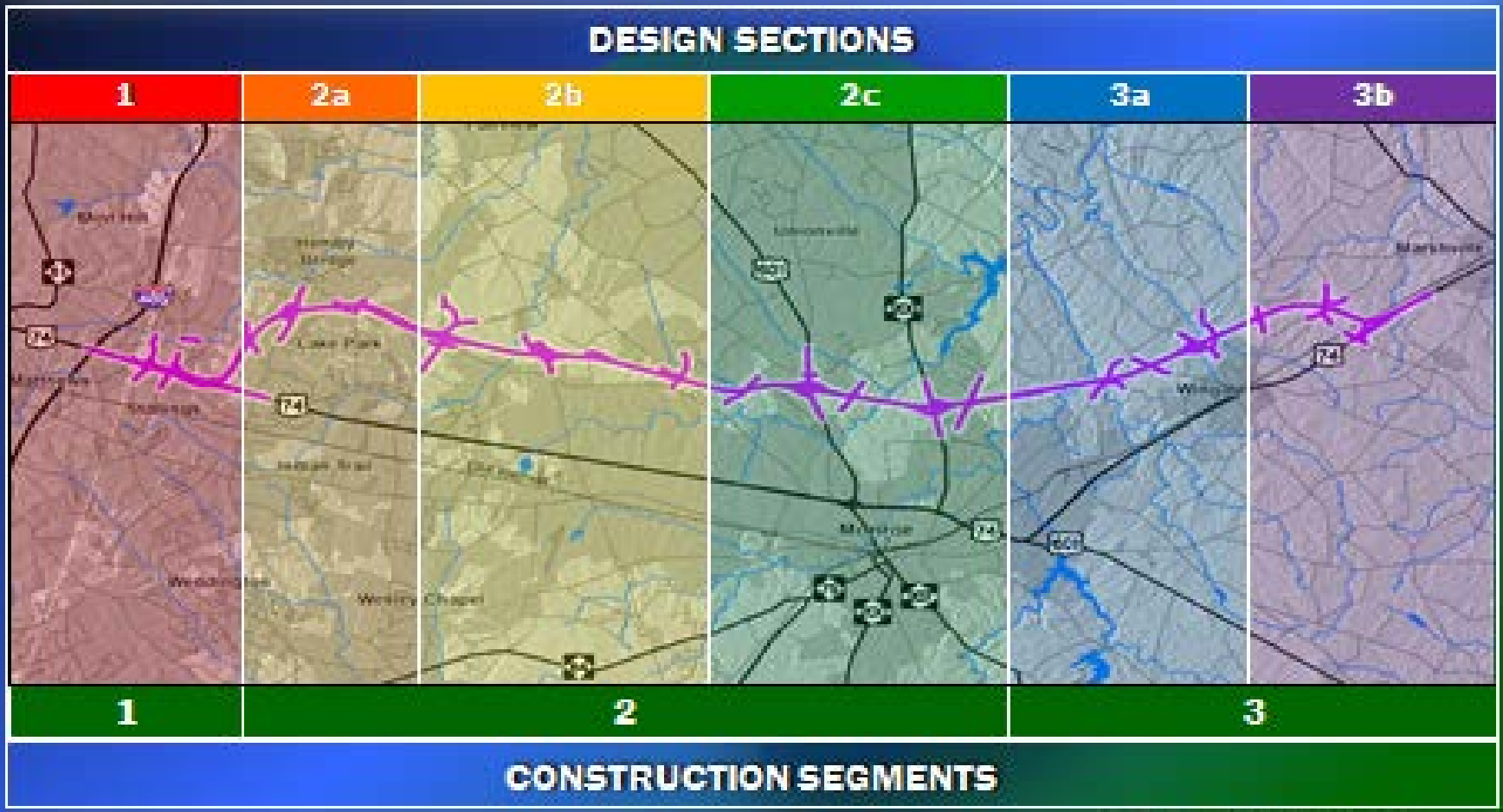
Monroe Bypass Constructors is a Joint Venture comprised of three companies:

United Infrastructure Group, Inc.

Anderson Columbia Company, Inc.

Boggs Paving, Inc.

Project Segments & Sections



MONROE BYPASS CONSTRUCTORS

CURRENT OPERATIONS

CLEARING & GRUBBING AND EROSION CONTROL – 1, 2 & 3

- Cleared Approx. 87% of the 20 mile corridor
- Partially cleared in Section 1 and culvert sites
- Clearing and Grubbing has started in all six sections
- 300 skimmer basins and 27 miles of silt fence installed



CURRENT OPERATIONS

BOX CULVERTS & PIPE – 1, 2 & 3

- 19 culverts complete & 4 under construction
- 3.1 miles of reinforced concrete pipe installed



CURRENT OPERATIONS

BRIDGES & MSE Walls – 2B, 2C & 3

- 24 bridges under construction
- 3 bridge decks poured
- 1.3 Million pounds of rebar installed

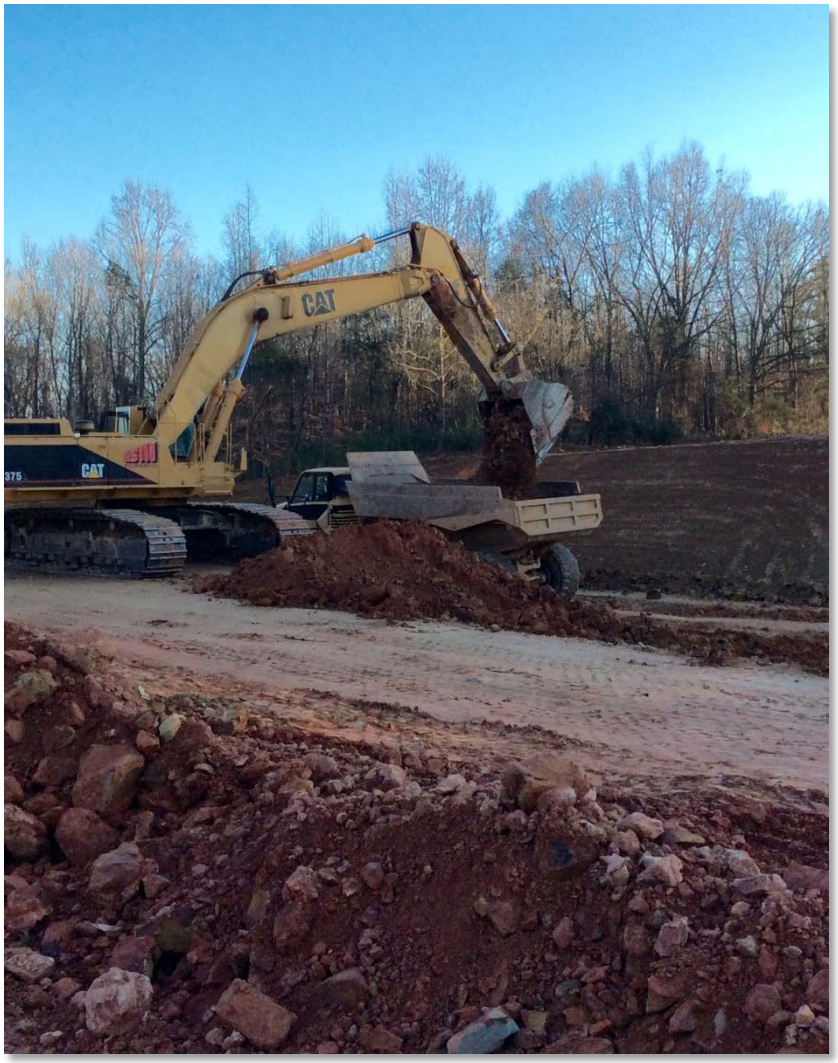




CURRENT OPERATIONS

GRADING & UTILITIES – 1, 2B, 2C & 3

- 800,000 cubic yards unclassified excavation (19%)
- Grading focus has moved to areas between bridge sites
- 7.4 miles of water line and 1.25 mile sewer line installed



Grading at US 74 near CSX RR - February



Grading at US 74 near CSX RR - May



MONROE 74 BYPASS CONSTRUCTORS

Monroe Connector/Bypass
May 25, 2016

Ansonville Road Bridge over Expressway



MONROE 74 BYPASS CONSTRUCTORS

Monroe Connector/Bypass
May 25, 2016

21

Austin Chaney Rd. Interchange



MONROE 74 BYPASS CONSTRUCTORS

Monroe Connector/Bypass
May 25, 2016

22

Bridge over Richardson Creek



MONROE 74 BYPASS CONSTRUCTORS

Monroe Connector/Bypass
May 25, 2016

Deese Road Bridge over Expressway



MONROE 74 BYPASS CONSTRUCTORS

Monroe Connector/Bypass
May 25, 2016

US 601 Interchange



MONROE 74 BYPASS CONSTRUCTORS

Monroe Connector/Bypass
May 25, 2016

Fowler Road Bridge - February



Monroe Connector/Bypass

Fowler Road Bridge - May



MONROE 74 BYPASS CONSTRUCTORS

Monroe Connector/Bypass
May 25, 2016

Rocky River Rd. Interchange



MONROE 74 BYPASS CONSTRUCTORS

Monroe Connector/Bypass
May 25, 2016

Unionville Indian Trail Rd. Interchange



MONROE 74 BYPASS CONSTRUCTORS

Monroe Connector/Bypass
May 25, 2016

US 74 Interchange - West



MONROE 74 BYPASS CONSTRUCTORS

Monroe Connector/Bypass
May 25, 2016

IMPORTANT DATES GOING FORWARD

- **ITS Integration – July 31, 2018**
- **Substantial Completion – November 27, 2018**
- **Final Completion – May 28, 2019**


QUESTIONS?



Nothing Compares
NORTH CAROLINA

Board of Transportation Highways Committee

June 29, 2016

Non System Roads Survey

Delbert Roddenberry, PE

Operations Program Management



Purpose of Survey

Senate Bill 119* S119-PCCS15287-MN-4

- **SECTION 29.17E.(c)** Survey. – The Department shall conduct a survey of the **paved and unpaved** roads in this State that are open to the public, but are not currently a part of the State system. The Department shall report its findings from the survey to the Joint Legislative Transportation Oversight Committee by June 30, 2016.

- **SECTION 29.17E.(e)** Applicability. – The survey.. shall not include municipal or federally-owned roads.





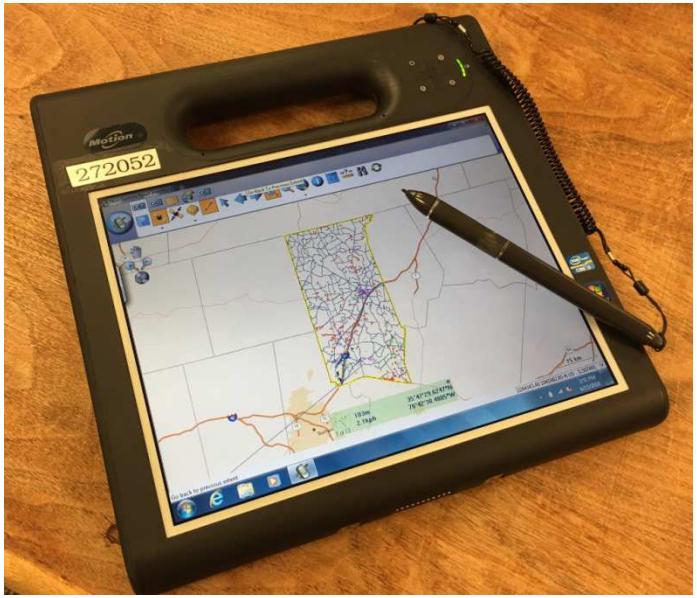


Method of Approach

- Acquired comprehensive list of GIS data and map layers of “all” roads in NC originally sourced from individual county E-911 datasets
- Filtered out all known routes: State, Federal, Municipal, Other State Agency
- Ended up with **167,431** of lines on a map representing **36,705** miles
- Refined data to **98,079** roads totaling **24,834** miles by excluding following categories from field verification:
  - Publicly maintained (e.g. forest roads)
  - Road does not exist
  - Driveways
  - Apartment complexes, mobile home parks (rented lots)
  - Mobile home park (rented lots)
  - Parking lots, commercial or business parks
  - Education facilities or other public facilities

Data Points Collected

Utilized existing on-call contracts and NCDOT Temp employees to collect data (**31** Teams over period of 4 months)



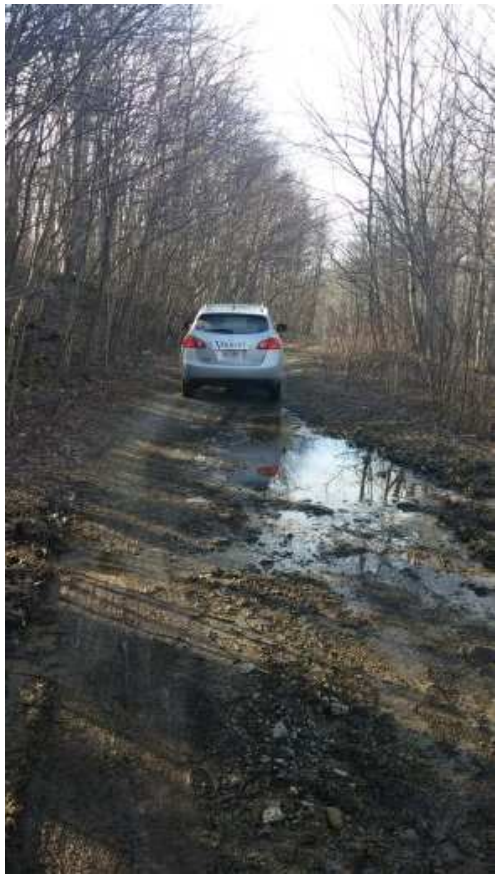
- Required data:
  - Paved or unpaved
  - Whether road is open to public

- Additional data
  - Verify length
  - Subdivision vs Non Subdivision
  - Number of Residences/Businesses
  - Limited Condition Assessment (Good/Fair/Poor)
  - Number of lanes (1, 2 or 3+)
  - Note if bridges or large culverts exist

What One May Find on Non-System Roads





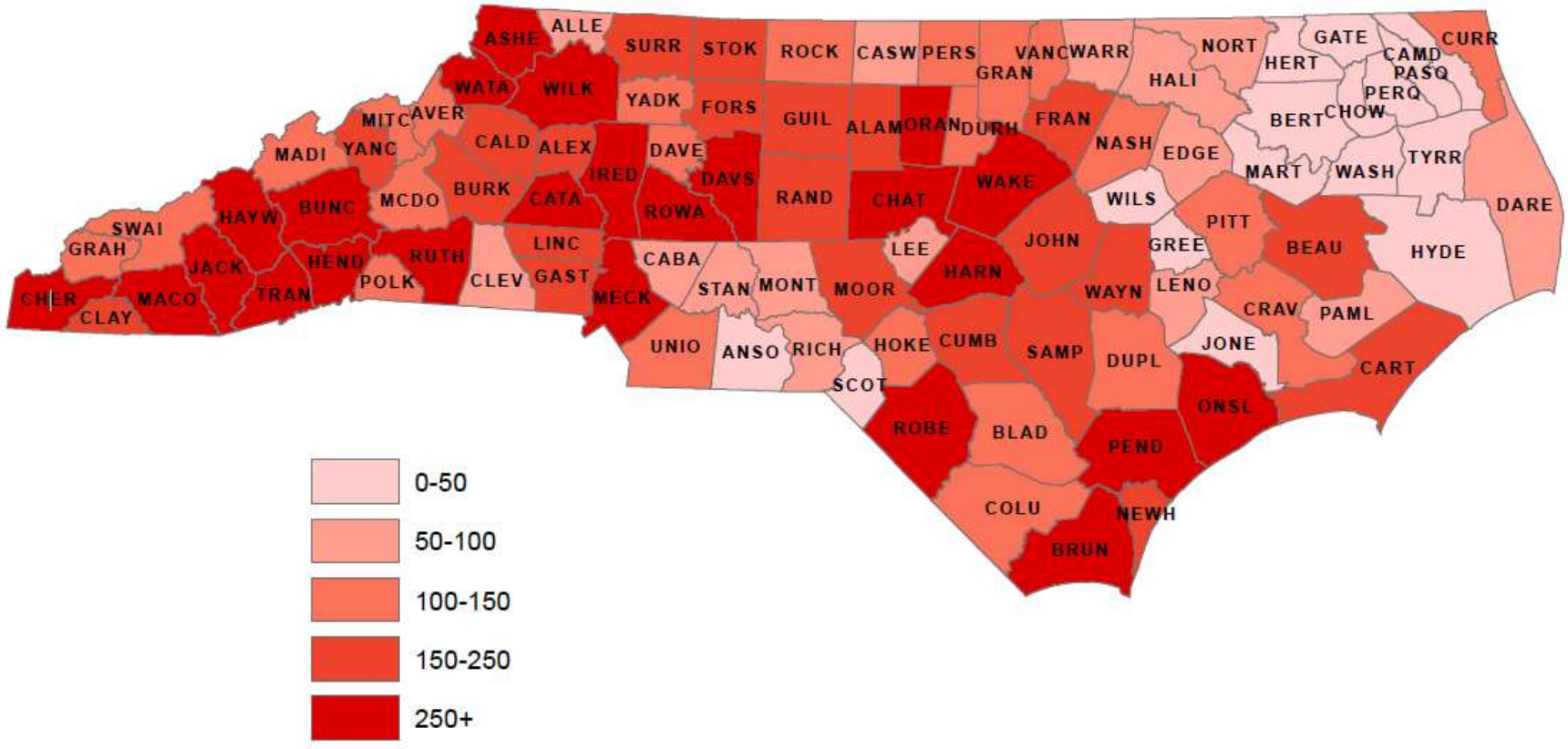


Trivial Statewide Findings

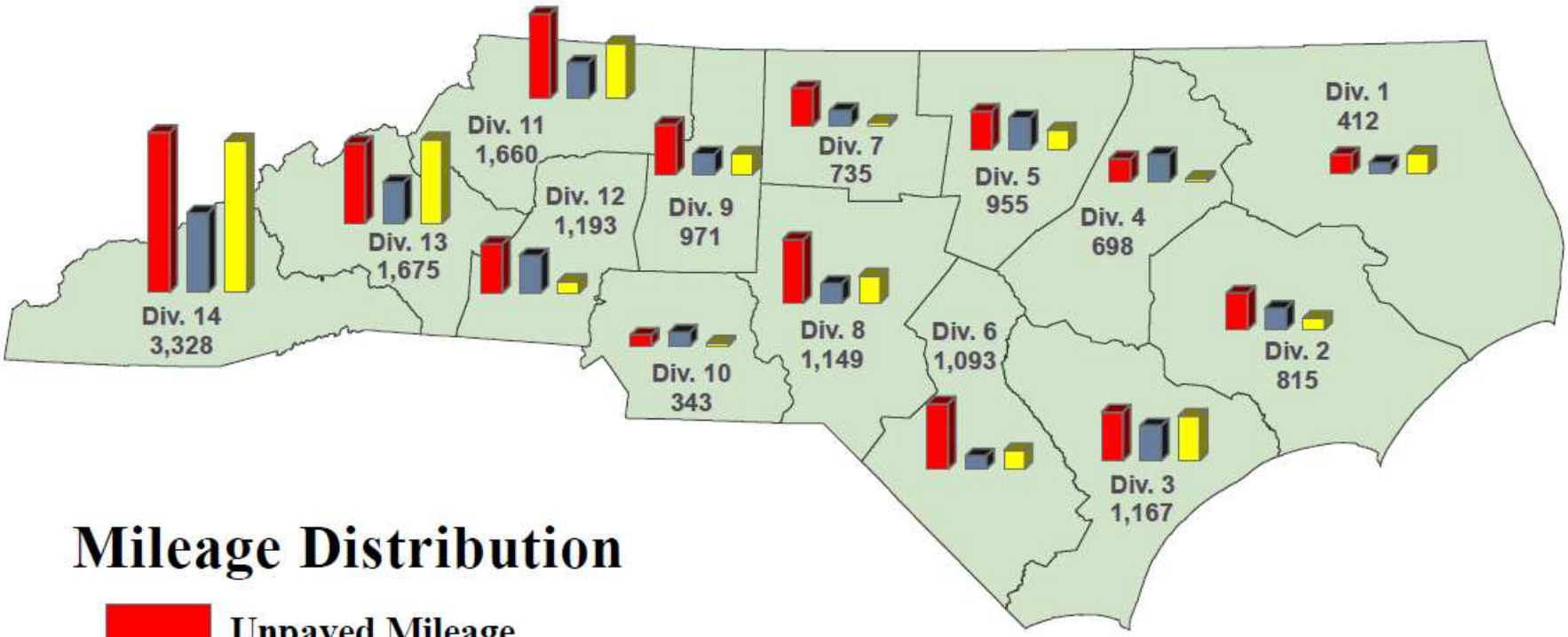
Length (Mile)	# of Roads	Mileage
< 0.5	69,802	12,457
0.5 to 0.99	5,977	3,917
1.0 to 5.0	963	1,321
> 5	3	22
Total open to Public	76,745.00	17,716

- Longest Road: Graham County, ~11 miles

Non-Publicly Maintained Roads Mileage By County



Non-Publicly Maintained Roads
Within NCDOT Jurisdiction



Mileage Distribution

- Unpaved Mileage
- Paved Mileage
- Closed to Public Mileage

Statewide View of Results (Non-System Open to Public)

Surface	# of Roads	Mileage	Good	Fair	Poor
Paved	35,248	6,796	48.4%	18.3%	21.8%
Unpaved	41,497	10,921	2.4%	4.4%	93.2%
Total	***76,745***	***17,716***	***20%***	***10%***	***70%***

Statewide View of Results
Subdivision vs. Non - Subdivision

Subdivision

Surface	Mileage	# Homes	# Businesses
Paved	4876	275,418	945
Unpaved	2661	59,374	409
Total	***7537***	***334,792***	***1354***

Non - Subdivision

Surface	Mileage	# Homes	# Businesses
Paved	1920	62,168	3440
Unpaved	8260	152,438	2882
Total	***10,180***	***214,606***	***6322***

Good Condition





Fair Condition







Poor Condition







Poor Condition



Estimated Cost Impacts

Surface	Mileage	Good	Fair	Poor	To move all to Good	Minimal Maintenance
Paved	6,796	48.4%	18.3%	21.8%	$831M	$347M
Unpaved	10,921	2.4%	4.4%	93.2%	$3.7B	$987M

Approximate cost to pave all unpaved: $6.4B

Questions?



Transportation

MULTIMODAL COMMITTEE MEETING MINUTES

DATE: 6/1/2016 **TIME:** 10:30am **LOCATION:** EIC

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

AGENDA TOPICS

1. MAY MINUTES APPROVAL – Andy Perkins	
DISCUSSION SUMMARY	Approval of May Minutes.
ACTIONS TAKEN	Motion to approve was made by Cheryl McQueary and seconded by Tracy Dodson. Motion was approved.

2. FUNDING ITEMS – I-1A, I-1B, I-4	
DISCUSSION SUMMARY	Mr. Perkins pointed out the amended I-4 due to a typographical error on the Division number on one of the items. Funding Items for Public Transportation and Aviation were approved.
ACTIONS TAKEN	Motion to approve was made by Jeff Sheehan and was unanimously seconded.

3. TRANSIT UPDATE – KEITH WEATHERLY	
DISCUSSION SUMMARY	Mr. Weatherly notified the committee that Lauren Blackburn, Director of the Bike/Pedestrian Division, would be leaving her position on June 10th to accept a job in the private sector. He expressed the disappointment of her co-workers while wishing the very best for her career advancement. A number of committee members joined in praising Ms. Blackburn for her outstanding service to the department. Due to Mr. Worley's absence Mr. Weatherly reminded the committee that current Rail updates and reports included in the Multi-Modal packets sent out on Friday, they include: NCDOT Rail Division will have Amtrak's American View Theater Car along the Raleigh-Charlotte Piedmont Route on July 26th, 27th and 28th, 2016. It

	will be operated on the rear of the Piedmont and provide an inspection trip of the Piedmont Improvement Program. The Rail Division received funding for three projects at the statewide level. The projects were the Rogers Lake Road Grade Separation in Kannapolis, the Hilltop Road Grade Separation project, in Greensboro, and the highest scoring project is the CSX Carolina Connector Intermodal facility, which is currently under site selection and planning. A grant for $102,500 has been awarded to the NCDOT Rail Division by the NC Department of Environmental Quality (DEQ) to acquire a diesel particulate filter which will be used as part of the prototype Blended After Treatment System (BATS) to reduce emissions levels on one NCDOT locomotive to near EPA Tier 4 levels.
ACTIONS TAKEN	Informational

4. AVIATION DIVISION – BOBBY WALSTON	
DISCUSSION SUMMARY	Committee was advised on improvements to the Unmanned Aerial Systems website which informs public on rules and regulations governing operation of drones.
ACTIONS TAKEN	Informational

5. FERRY UPDATE – ED GOODWIN	
DISCUSSION SUMMARY	All routes on summer schedule. Operation building replacement projects are at the following levels of completion: a. Currituck 90% b. Swan Quarter 80% c. Cherry Branch 10% Ferry Division conducted inter agency Hurricane Exercise on May 24th. Local Emergency Management and US Coast were participants. There have been recent shoaling problems outside the ferry channel in Hatteras Inlet. The Ferry Division has been contacted about performing contract dredge services for Dare Co. We will be developing a cost estimate once quantities can be determined.
ACTIONS TAKEN	Informational

6. BIKE & PEDESTRIAN UPDATE & POLICY PRESENTATION – LAUREN BLACKBURN	
DISCUSSION SUMMARY	Ms. Blackburn presented a series of policies and guidelines for the Committee's review that inform how NCDOT considers accommodation for cyclists and pedestrians. She also discussed needed updates, to reflect more current practice by NCDOT and local governments. NCDOT has also been working with Bike Walk NC (statewide bicycle organization) to produce a series of bicycle safety videos. These videos are being released first by social media, and will be posted to NCDOT's website by end of this week. The videos are designed to educate motorists and cyclists about best practices for safe cycling. The Bicycle and Pedestrian Division has posted several announcements and changes to the bicycle and pedestrian division's planning program website. New web postings also include links to a summary report on the bicycle and pedestrian "counts" program, as well as updated bike/pedestrian crash data.
ACTIONS TAKEN	Informational

7. PUBLIC TRANSPORTATION UPDATE – DEBBIE COLLINS	
DISCUSSION SUMMARY	PTD Shared the Economic Benefits of Transit document – Tredis outputs of the model – 11,000 jobs supported, generating $416M in wages Wake County Transit Plan presentation
ACTIONS TAKEN	Informational

8. Wake County Transit Plan Presentation – Tim Maloney	
DISCUSSION SUMMARY	. Introductions were made by Jeff Sheehan. Wake County Transit Plan presentation by **Tim Maloney**, Director of Wake County Planning, and Development & Inspections. He was accompanied by **Sig Hutchinson**, Vice Chairman, Wake County Commissioners, and **Tim Gardiner**, Wake County Transportation Planning Manager. The presentation informed the committee on plans for a Wake County referendum in November to allow voters to decide whether to fund a county-wide bus transit system with a half-cent sales tax and other fees.
ACTIONS TAKEN	Informational

Transportation

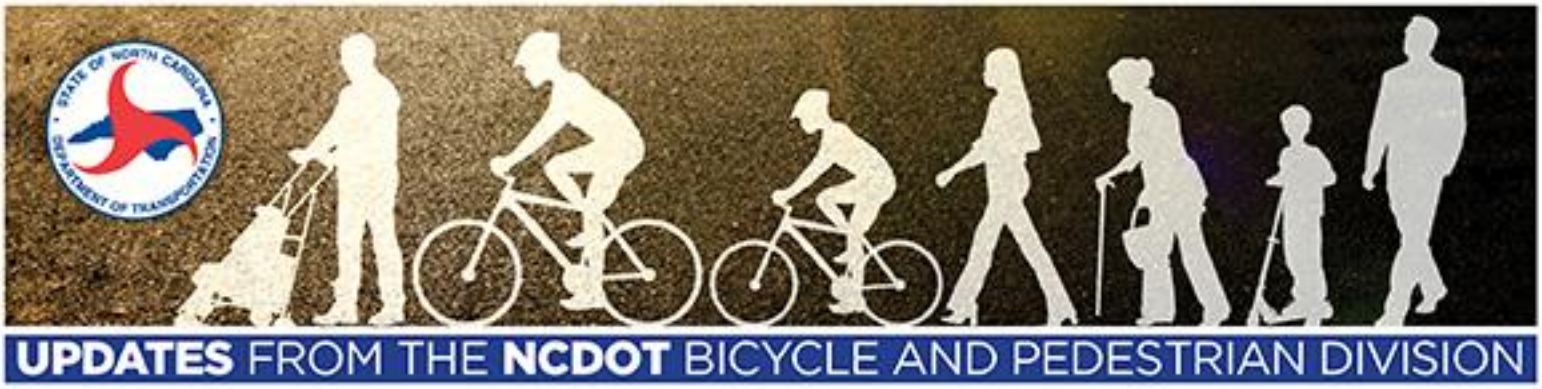
MULTIMODAL COMMITTEE AGENDA

BOARD OF TRANSPORTATION
JUNE 29, 2016

TIME: 10:30am

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order	Vice Chair, John Lennon	10:30
Approval of Minutes	Vice Chair, John Lennon	10:30-10:35
Funding Items (PTD, Rail, Aviation)	Transit Directors	10:35-10:40
Transit Update	Keith Weatherly	10:40-10:45
Public Transportation Update	Debbie Collins	10:45-10:50
Aviation Update	Bobby Walston	10:50-10:55
Rail Update	Paul Worley	10:55-11:05
Bike & Pedestrian Update	Ed Johnson	11:05-11:15
Ferry Update and Introductions	Ed Goodwin	11:15-11:25
Passenger Ferry Report	Will Letchworth, PE Parsons Brinkerhoff	11:25-12:00
Adjourn	Vice Chair – John Lennon	12:00



News from Bike-Ped: Updates from the
Division of Bicycle and Pedestrian Transportation

The past year has been full of new plans, new data, new research and new tools. Here are some of the latest happenings in NCDOT Bike-Ped.

Planning Studies

Seeking planned large-scale bicycle and pedestrian infrastructure projects: DBPT is soliciting projects of interest for planning studies. The focus of the study will be to progress a project from its current long-range plan status to a level where potential engineering issues and reliable cost estimates can be determined. A planning study will consider alternative alignments or design options within a study area, and will identify a preferred alignment and/or design concept. Submission deadline is July 1.

For more information, please see the Connect website.

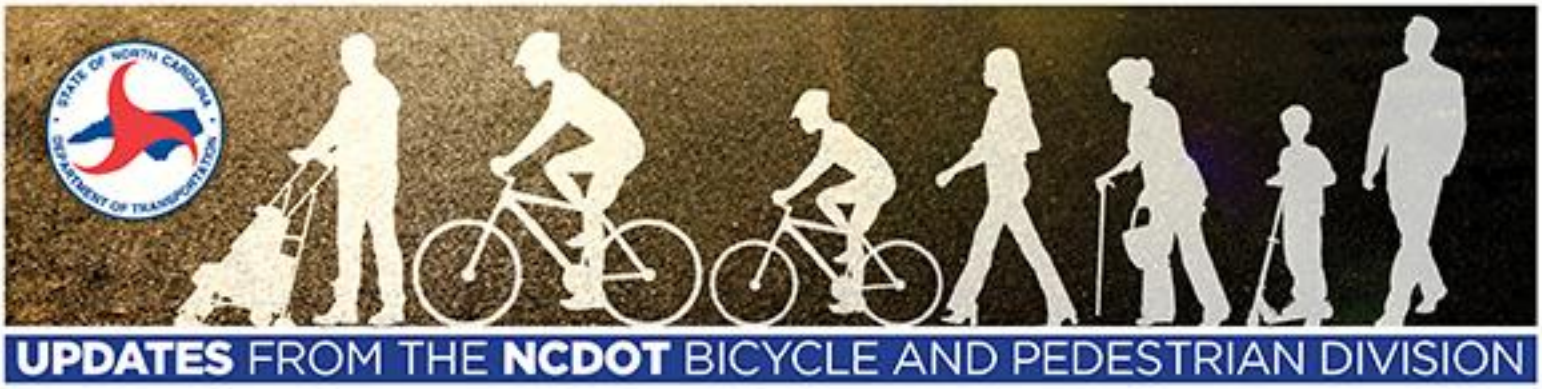
Pedestrian and Bicycle Infrastructure Network

The Pedestrian and Bicycle Infrastructure Network (PBIN) is a standardized geodatabase consisting of existing and proposed bicycle and pedestrian facility types throughout North Carolina. The latest submitted additions to the geodatabase (through March 2016) are now available on the network website. Types of facilities represented on the PBIN include bike lanes, shared-use paths, sidewalks, crossing facilities, bike parking and much more.

Know of facilities that are not yet shown? Counties, towns and other entities are encouraged to submit their bicycle and pedestrian infrastructure data in a standardized format by visiting the website.

PBIN Glossary

Is it a greenway, a shared-use path, or a multi-use trail? What's a bike box…and a green zone? To clarify the terms used in the Pedestrian and Bicycle Infrastructure Network, a glossary of bicycle and pedestrian terminology is now available online. The definitions are intended to help planners and other users understand the terminology for specific types of infrastructure and to provide a reliable source for accepted names for each type.



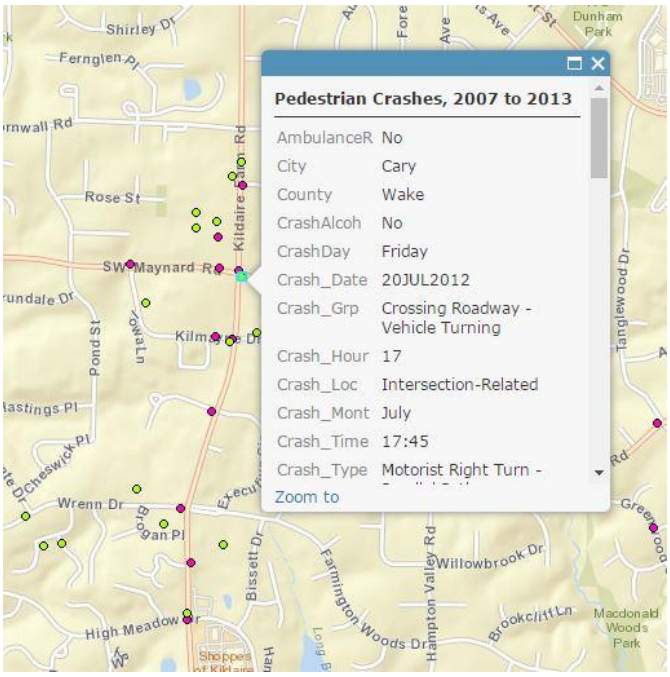
Bicycle and Pedestrian Crash Data

NCDOT bicycle and pedestrian crash data is provided through an online crash data tool and an online interactive map.

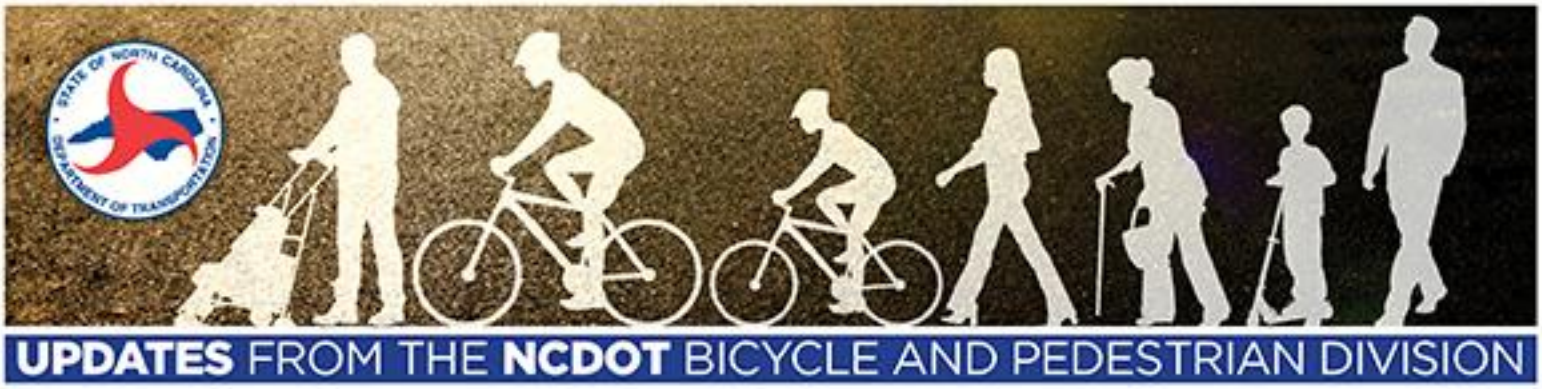
- The crash data tool allows users to query crash data by selected variables and geographic areas.

- The online map displays both bicycle and pedestrian crashes across the state and provides a crash geodatabase that can be downloaded. With the recent addition of 2013 crash data, seven years of geocoded crash data are now available. View the interactive map or download data here.

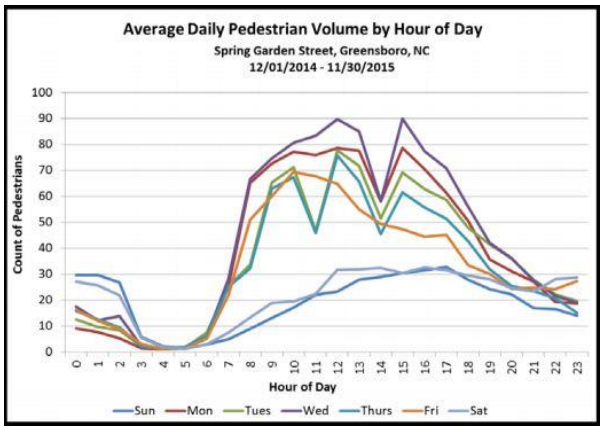
The bike and pedestrian crash data is very popular with a variety of users, from transit agencies using it to plan pedestrian safety improvements near bus stops, to planners recommending infrastructure projects to help fix crash hotspots.



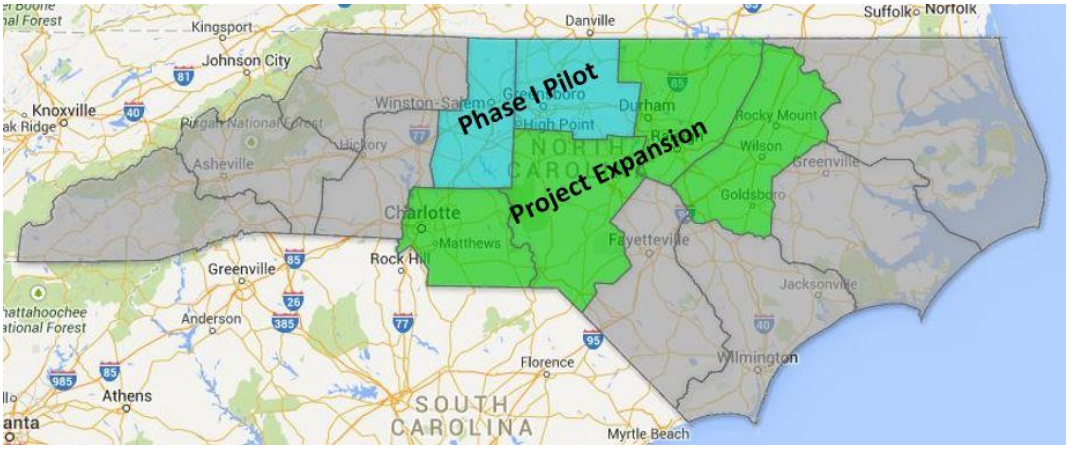
How is your agency or locality using the crash data? Let us know! Send your description to transportation planner Betsy Kane at eakane@ncdot.gov.



Non-Motorized Volume Data Program (Bike and Pedestrian "Counts")

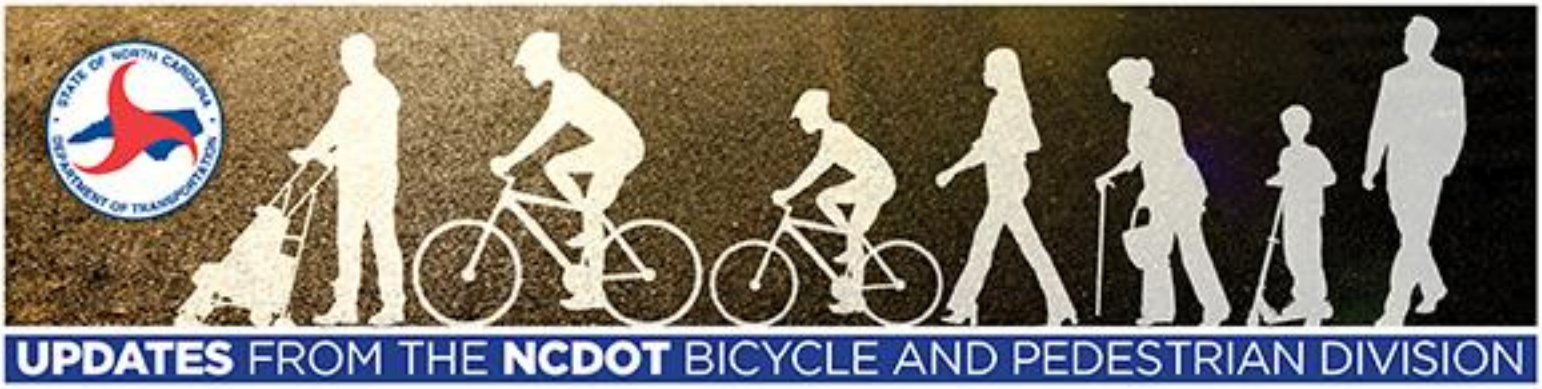


The pilot phase of the NC Non-Motorized Volume Data Program to count bicycle and pedestrian activity was conducted in the geographic region which comprises NCDOT Divisions 7 and 9. Continuous count stations to monitor bicyclist and pedestrian travel for this phase were activated in late 2014. The data from the first phase reveal interesting usage patterns on the streets, highways, and greenways where counts were conducted. The summary report is available online.



Bicycle and Pedestrian Facility Construction Cost Estimator Tool

A beta version of a bicycle/pedestrian cost estimator tool (and associated study report) will be made available on our website this spring. The Excel-based cost estimator tool uses sample cost data from across the state to estimate various construction cost elements. Users provide project input data in order to generate cost estimates for a variety of bicycle/pedestrian facility types.



Content Standards for NCDOT Bicycle and Pedestrian Plans

Since 2004, NCDOT has provided a lengthy Recommended Template for how bicycle and pedestrian plans funded through the Planning Grant Initiative are prepared. Now, this template has been replaced with a Content Standards document. This two-page document identifies various elements now required in our plans, while offering flexibility in how the plan is organized.

Design Guidance for Bicycle and Pedestrian Plans

The Planning Grant Program no longer requires that bike and pedestrian plans include a chapter providing general design guidance for bike and pedestrian facilities. Instead, the focus is on adapting authoritative guidance sources (such as the NACTO and AASHTO bike guides) to the specific projects recommended in each plan, through cutsheets, project descriptions, and conceptual diagrams. This approach should result in more accurate cost estimates, as well as identification of constraints ahead of time, which can smooth the way to implementation. To find sources of authoritative design guidance, see the updated webpages on the website and Connect site.

Helmet Grants

In April, the Bike-Ped Division shipped 1,776 children's bike helmets to fifty program recipients across the state, including police and sheriff's departments, school safety groups, health clinics, and non-profits organizations. These groups are now distributing the bike helmets to kids who need them through a variety of local programs, such as summer camps, bike safety clinics, and after-school events. Funding for the Bicycle Helmet Initiative, now in its eighth year, is made possible through sales of the Share the Road specialty license plates. Applications for the next cycle will open again this fall; more information is available on the website.



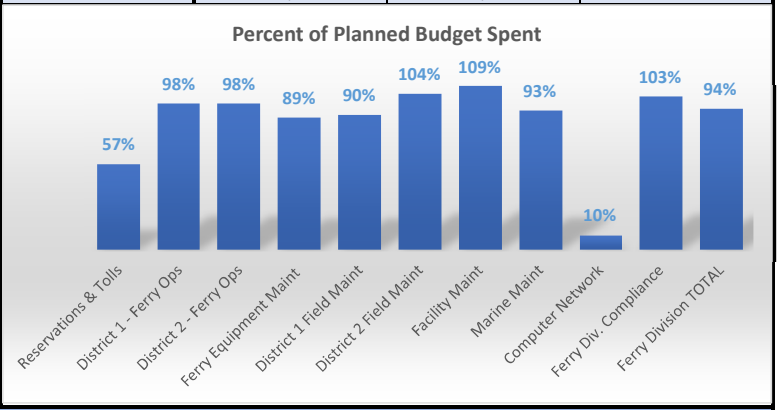
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
FERRY DIVISION MONTHLY UPDATE REPORT FOR MAY 2016

Ridership (Vehicles)

Ferry Routes	CY16 MAY	CY15 MAY	DELTA	CY16 YTD	CY15 YTD	DELTA
Currituck - Knotts Island	1,637	2,166	-24.4%	17,299	16,005	8.1%
Hatteras - South Dock	27,491	29,923	-8.1%	216,013	220,858	-2.2%
Swan Quarter - Ocracoke	3,564	3,727	-4.4%	28,833	27,505	4.8%
Cedar Island - Ocracoke	5,362	5,974	-10.2%	40,532	42,931	-5.6%
Aurora - Bayview	4,722	4,953	-4.7%	46,003	53,691	-14.3%
Cherry Branch - Minnesott	18,560	19,254	-3.6%	176,314	181,670	-2.9%
South Port - Fort Fisher	21,107	20,023	5.4%	180,113	170,469	5.7%
Emergency Ferry Rt.	N/A	N/A	N/A	N/A	N/A	N/A
Monthly Total	82,443	86,020	-4.2%	705,107	713,129	-1.1%

Budget (Operations & Maintenance)

Departments	FY2016 Spending Plan	FY Expenditures through MAY 2016
Reservations & Tolls	$ 342,607.11	$ 196,271.08
District 1 - Ferry Ops	$ 10,525,000.00	$ 10,291,310.92
District 2 - Ferry Ops	$ 8,350,000.00	$ 8,185,007.79
Ferry Equipment Maint	$ 13,536,331.00	$ 11,987,713.92
District 1 Field Maint	$ 600,000.00	$ 541,127.06
District 2 Field Maint	$ 650,000.00	$ 678,095.03
Facility Maint	$ 400,000.00	$ 437,939.21
Marine Maint	$ 1,000,000.00	$ 931,771.87
Computer Network	$ 2,500.00	$ 241.80
Ferry Div. Compliance	$ 1,450,000.00	$ 1,486,401.71
Ferry Division TOTAL	$ 36,856,438.11	$ 34,735,880.39



Status of Capital Reserves Funds

Routes	WBS	Balance in WBS as of March FY16
FER Shipyard Capital Reserve	16SP.43	$ 1,551,061.81
FER Sys Cptl All Routes	16SP.501.1	$ 75,167.86
FER D1 Currituck-Knotts Island Cap Reserve	16SP.511.1	$ 4,550.40
FER D1 Hatteras Inlet Cap Reserve	16SP.512.1	$ 34,681.39
FER D1 Swan Quarter - Ocracoke Island Cap Reserve	16SP.513.1	$ 394,407.69
FER D1 Ocracoke Island of OI-Cedar Island Cap Reserve	16SP.514.1	$ 347,555.10
FER D2 Pamlico River Route Cap Reserve	16SP.521.1	$ 3,165.69
FER D2 Cherry Branch - Minnesott Beach Cap Reserve	16SP.522.1	$ 21,580.87
FER D2 Cedar Island of OI - Cedar Island Cap Reserve	16SP.523.1	$ 347,583.21
FER D2 South Port - Fort Fisher Cap Reserve	16SP.531.1	$ 745,363.96
Total		$ 3,525,117.98

Updates or Comments

1. Hatteras Inlet is in critical need of dredging outside the ferry channel. Conversations have begun about the Ferry Division being contracted by Dare County to perform necessary dredging for local stakeholders.
2. The OPS building replacement projects completion levels are as follows:
   a. Currituck 90%
   b. Swan Quarter 80%
   c. Cherry Branch 10%
3. Ramp repair project for Ocracoke scheduled for June 15th.
4. All routes are on summer schedules.
5. The results of the Passenger Ferry Study will be presented to the Multi Modal Committee at the June 29th meeting.

NORTH CAROLINA FERRY SYSTEM

Nothing Compares NORTH CAROLINA

Public Transportation Division

Burlington Transit System Begins Operation

The cities of Burlington and Gibsonville dedicated their transit system on June 2. The service is designed to meet employment, education, medical and shopping needs of their citizens. Service began on Monday, June 6, and will operate from 5:30 a.m. – 6:30 p.m. Monday - Friday.





Above: Gibsonville Mayor Leonard Williams and Burlington Mayor Ian Baltutis

Above Right: Congressman Mark Walker, 6th District







PTD Activities Underway

June 2016 Activities

Training:

- New Manager Training
- Procurement Training
- Safety Officer Training
- Staff Retreat
- Lean Six Sigma – Yellow Belt
- Excel
- Legacy Leadership

Meetings Attended:

- Transit Advisory Board meetings
- TRB Conference Committee
- Meetings with MPOs and systems on new five-year budget
- NCPTA Conference (Concord)
- USDOT Emergency Management

Upcoming:

- Two CFR Trainings – two locations
- Transit Operations Planning
- PTD Annual Meeting – Sept. 13
- TRB Paratransit and Intercity Bus Conference – Asheville Oct. 2-5

PTD Success Plan Posted

The Plan is available here online under featured documents.

What's New in Planning Activities

- New name – Community Connectivity Plans
- Greater emphasis on **performance** over planning
- Focus on **connecting communities** through regional coordination
- Introduce **increased flexibility** for smaller agencies to determine when and how often to engage in mid-term planning
- Engage in **continuous planning** to eliminate gaps between successive plans
- Utilize **new tools** to help agencies excel:
  - Success Plan
  - Quarterly Scorecard
  - Customer Satisfaction Survey

High Level View of 4 Key CCP Steps



PTD Interns

- PTD is excited to have two summer interns. Brittaney Myers, an NCDOT summer intern, attends NCSU and is assisting us with aligning our Success Plan and NCVIP, training and website redesign. Lukeisha Johnson, an HBCU summer intern, attends WSSU and is assisting us with customer service and sub recipient activities in the role as a Mobility Development Specialist.

State-Wide Public Transportation Summary

FY 2016 Quarter 3 NCDOT Public Transportation Division

Public Transportation Operating and Financial Statistics Report

FY16 Q3

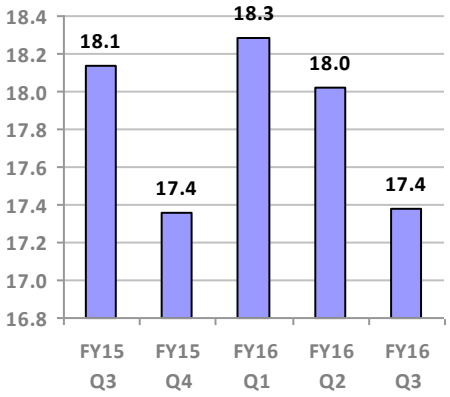
System By Type

Community	66
Consolidated Small City-Community	1
Consolidated Urban-Community	10
Fixed Route in Small Cities	2
Human Service	2
Regional Community	6
Regional Urban	2
Urban-Single City	15
Total Public Transportaion Systems:	**104**

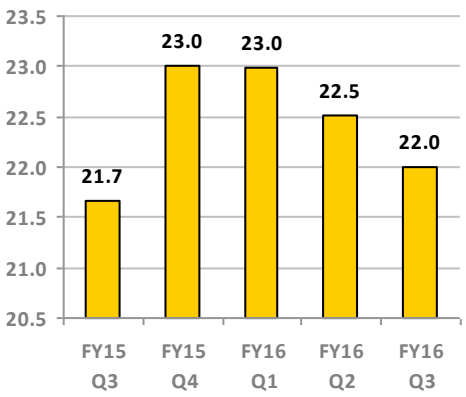
Highlights

Total Trips	17,383,772
Total Miles	21,996,119
Total Hours	1,377,897

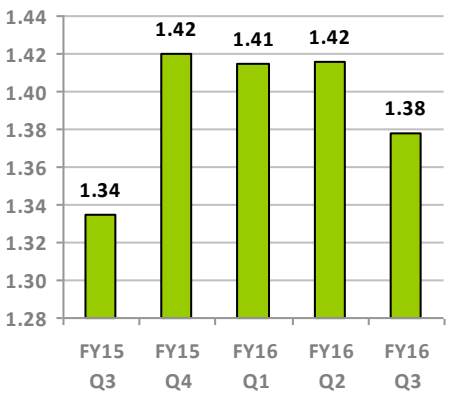
Trips in Millions



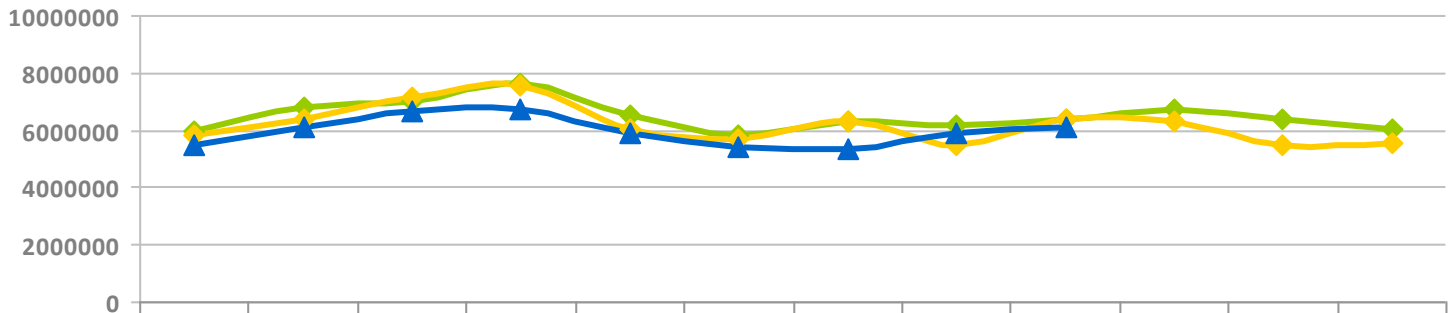
Miles in Millions



Hours in Millions



Total Trips By Year



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2014	5949622	6774587	7045811	7616233	6514301	5808819	6335015	6166345	6397068	6750008	6402167	6025247
2015	5849029	6412261	7155263	7593948	6064314	5711561	6294557	5456881	6385283	6299152	5517088	5540983
2016	5513160	6081338	6689773	6705537	5888409	5428490	5364579	5930258	6088935			

PIEDMONT & CAROLINIAN PERFORMANCE SNAPSHOT

NCDOT RAIL DIVISION for the Month of APRIL 2016

Ridership

	FFY16 APR	FFY15 APR	Δ	FFY16 YTD	FFY15 YTD	Δ
Carolinian	22,858	26,666	-14%	158,865	172,093	-8%
Piedmont	12,052	13,534	-11%	92,570	98,657	-6%
Total	*34,910*	*40,200*	*-13%*	*251,435*	*270,750*	*-7%*

Number of Trains		Average Number of Passengers per Train			
FFY16 APR	**FFY15 APR**	**Service**	**FFY16 APR**	**FFY15 APR**	**Δ**
60	60	Carolinian	381	444	-14%
114	116	Piedmont	106	117	-9%

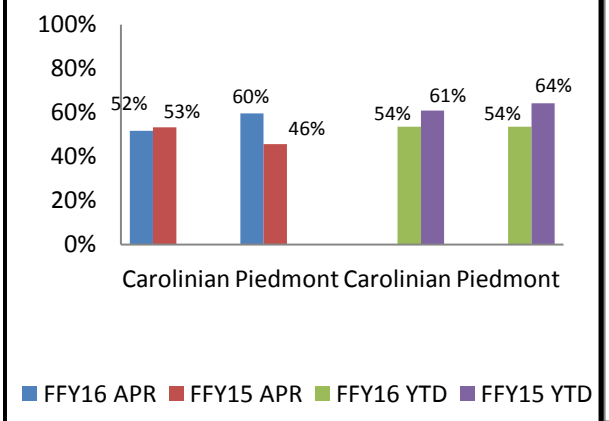
Revenue

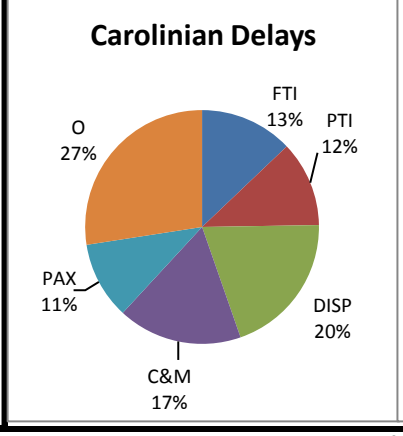
	FFY16 APR	FFY15 APR	Δ	FFY16 YTD	FFY15 YTD	Δ
Carolinian	$1,379,516	$1,690,622	-18%	$9,769,625	$10,836,123	-10%
Piedmont	$245,397	$268,304	-9%	$1,971,865	$2,041,182	-3%
Total	*$1,624,913*	*$1,958,926*	*-17%*	*$11,741,490*	*$12,877,305*	*-9%*

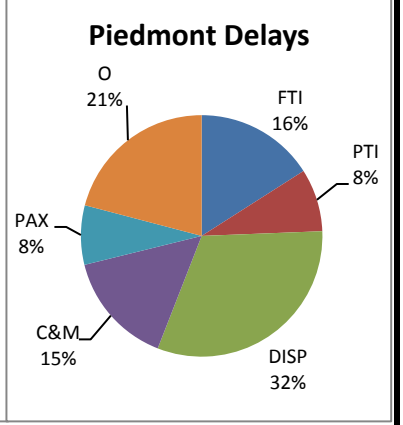
Amenities & Vending	Mo. Surcharge + Vending Income	$21,644	Mo. Expense	$4,405	Mo. Surplus	$17,239

April 2016 service modifications and annulments impacted four Piedmont trains. On Apr. 18, All Piedmont trains were annulled to accommodate PIP project track work; and on Apr. 25, Piedmont Trains 74 and 75 were annulled, also due to PIP project work. Additional disruptions for PIP project work will continue to occur as necessary through completion of the project. Average gasoline prices were $0.32/gallon lower in Apr. 2016 than in Apr. 2015 (EIA Weekly Retail Gasoline for Lower Atlantic region).

On-time Performance







*Carolinian and Piedmont delays were 7,212 and 3,864 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 Statisfaction

	FFY16 MAR	FFY15 YEAR-END	Δ
Carolinian	78%	75%	3%
Piedmont	90%	90%	0%

*The customer satisfaction index (eCSI) is calculated from rider survey data conducted on line and is for one month prior to the current report month. Overall satisfaction is defined as average scores greater than or equal to 80. Customer satisfaction goals for FFY 2015 were 79% for the Carolinian and 90% for the Piedmont; and for FFY 2016 are 77% for the Carolinian and 91% for the Piedmont. Overall March eCSI for all Amtrak services was 81%.

North Carolina City Pairs with Largest Ridership

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

*Of the ten city pairs with the highest ridership, from the previous FFY month Greensboro - Washington had the largest increase of 28% and New York - Raleigh the largest decrease of 24% for the Carolinian; Charlotte - Cary had the largest increase of 2% and Burlington - Charlotte the largest decrease of 36% for the Piedmont.

Carolinian and Piedmont Total Ons-Offs at North Carolina Stations

	FFY16 APR	FFY15 APR	Δ
Charlotte	11,943	13,322	-10%
Raleigh	8,939	10,828	-17%
Greensboro	8,142	9,482	-14%
Durham	6,361	6,980	-9%
Cary	4,224	4,485	-6%
High Point	2,514	2,922	-14%
Burlington	2,306	2,464	-6%
Wilson	2,078	2,694	-23%
Salisbury	1,638	2,110	-22%
Kannapolis	1,360	1,705	-20%
Rocky Mount	1,122	1,789	-37%
Selma-Smithfield	623	726	-14%

*The values represent passenger ons and offs at North Carolina stations for only state-supported routes and do not include those of other Amtrak services. The values should not be construed as total ridership.

North Carolina Train Host Association

	FFY16 APR	FFY16 YTD
Train Host Volunteer Hours	783	7,363

Go. Reconnect.

NC BY TRAIN

@NC_By_Train
ncbytrain.org

NCDOT Rail Division **The Rail Report**

July 2016

BeRailSafe Produces Training Video for NC Law Enforcement Officers

Each year North Carolina's law enforcement officers attend 40 hours of continuing education to maintain their law enforcement certification as mandated by the NC Justice Academy. For 2017, the Rail Division's BeRailSafe Program was selected to develop a rail safety training module to be included in the manditory training. To maximize the impact of this message, BeRailSafe created a training video explaining the three most important rail safety topics for law enforcement: the Emergency Notification Sign (aka, the Blue Sign), the problems of trespassing on railroad tracks and best practices for officers when their duties require them to be near railroad tracks.

Over 25,000 law enforcement officers in North Carolina are expected to view the video in 2017. As a result, BeRailSafe hopes that future train-vehicle collisions and trespassing incidents can be reduced with law enforcement gaining a better understanding of how to avoid dangers when carrying out official duties near railroad tracks.

The training video is a collaboration between BeRailSafe (developing the screenplay and script as well as identifying filming locations) and NCDOT's Communications Office (shooting and video production). Shooting locations included Academy Street in Cary (near the Cary Amtrak Station) and Fuquay-Varina (near the Norfolk Southern office and Action Park).



A clip from the video shows a police officer calling the toll-free emergency number on the blue sign located at the crossing to report an incident. Each railroad crossing in North Carolina has a blue sign with this information.

BeRailSafe wishes to recognize the leadership and support of the Fuquay-Varina, Garner, Apex, Holly Springs and Cary police departments, as well as the Wake County Sheriff's Office and the NC State Highway Patrol for assigning officers, SWAT teams, equipment and K-9 participants. A special thank you to Norfolk Southern Special Agent Paul Sherwin for guidance, controlled rail access and safety oversight which made this project an outstanding success.

View the video at https://youtu.be/9a9Yra-RdpQ.

Piedmont Trains make Special Stop in Thomasville for NCs Largest Veteran's Day Parade



Governor Pat McCrory was Grand Marshal for the parade.



Passengers board the Piedmont for the return trip home.

NC By Train made a special stop in Thomasville for the 30th Annual Thomasville Memorial Day Parade on Monday, May 30, 2016. It has been approximately 48 years since a regular passenger train has stopped in Thomasville. The last passenger train stop was in 1968.

The special stop brought more than 100 passengers to the crossing of Randolph and Salem Streets. The day was filled with music, a parade and activities at Cushwa Stadium. Governor Pat McCrory served as grand marshal and Lieutenant Governor Dan Forest was in attendance as well.

There were numerous units representing all branches of the military and it was a beautiful day to remember those who sacrificed their lives for our country.

New signals and sign improve safety at Durham railroad bridge over Gregson Street



For decades, the railroad bridge over Gregson Street in Durham has been hit numerous times by trucks because their drivers did not realize that signs posted around the bridge warning of the 11'8" low clearance applied to them – and their to0-tall truck. The bridge has earned the nickname "the can-opener" from locals and even earned national notoriety.

NCDOT traffic engineers recently designed and installed a new traffic signal and warning sign system. The system uses a laser beam aimed over the road to detect trucks that are too tall to pass under the bridge. When these too-tall trucks are detected, an overhead sign illuminates with the message "OVERHEIGHT - MUST TURN" and the traffic signal will revert to a red light. Hopefully while waiting for the signal to turn green light, the truck driver will realize they need to make a turn to avoid the bridge.

These safety improvements will protect the railroad bridge and disruptions to rail traffic when the bridge is hit by trucks as well as reduce the inconvenience to motorists from snarled traffic after tops of trucks have been peeled away leaving debris on the road.

Push/Pull Service begins on Piedmont Service

"Push/Pull" operations went into effect on Monday, May 9, 2016. This operational change is being made in order to accommodate the removal of the east leg of the RGH wye for one year while the Raleigh Union Station construction project is underway. NCDOT will have a F59 locomotive on each end of the 73/74 and 75/76 trainsets through the remainder of 2016.

In December 2016 NCDOT will receive its first two Cab Control Units (CCUs) which are currently under construction at NS's Altoona locomotive shop. Once the CCUs are placed into daily Piedmont service the 73/74 and 75/76 trainsets will have a F59 locomotive on one end and a CCU on the other end.

The Piedmont Push/Pull operation will continue after the Raleigh wye is restored due to the operational savings of not having to turn the Piedmont train sets in Raleigh or Charlotte.

Push/Pull Train



NC BY TRAIN

Student Discount

NC By Train and Amtrak is offering an everyday 15% discount to students ages 17 – 25. Students must provide valid ID and reservations must be made three days prior to planned travel. Please visit www.ncbytrain.org for more information. Some restrictions may apply.

Kids $5 Discount



This summer, NC By Train is offering a one-way $5 Kids Discount for up to two children ages 2 – 12 with the purchase of a regular priced ticket. This promotion is available now through Aug. 31, 2016, for travel on Tuesdays, Wednesdays, Thursdays and Saturdays. Visit www.ncbytrain.org for more information or to make reservations. Some restrictions may apply.

Upcoming Special Train Stops

North Carolina State Fair

Carolinian trains 80 and 79 will make special stops at the Blue Ridge Road grade crossing Oct. 14 - 23, 2016.

Lexington Barbeque Festival

Carolinian and *Piedmont* trains will also be stopping in Lexington on Oct. 22 for the annual Lexington BBQ Festival.

Ridership & Revenue on NC's Amtrak Service – *Apr. 2016 vs. 2015

	RIDERSHIP			REVENUE		
	2016	2015	% +/-	2016	2015	% +/-
Piedmont	12,052	13,534	-11%	$245,397	$268,304	-9%
Carolinian	22,858	26,666	-14%	$1,379,516	$1,690,622	-18%

783

Train Host Association NC

Hours Volunteered by N.C. Train Hosts in March, supporting NC ByTrain onboard and at events.

April 2016 service modifications and annulments impacted four Piedmont trains. On Apr. 18, All Piedmont trains were annulled to accommodate PIP project track work; and on Apr. 25, Piedmont Trains 74 and 75 were annulled, also due to PIP project work. Additional disruptions for PIP project work will continue to occur as necessary through completion of the project. Average gasoline prices were $0.32/gallon lower in Apr. 2016 than in Apr. 2015 (EIA Weekly Retail Gasoline for Lower Atlantic region).

NCDOT Funds Repairs to Collapsed Culvert on ATW

The Rail Division partnered with Atlantic and Western Railway, through Freight Rail and Rail Crossing Safety Improvement Program, to fund rehabilitation of two structures on the railroad. Utilizing of portion of the $88,000 grant, contractors for the ATW recently completed a replacement of an existing collapsed 30" pipe culvert just south of Wilkins Drive at US 421 Business in Sanford.



Due to erosion associated with the collapsing culvert, the existing roadbed was beginning to sag, creating potentially unsafe conditions for train traffic. Contractors were able to remove the 30" culvert and associated over –laying roadbed without removing the existing rail line. A new 48" corrugated steel pipe culvert was installed. This work was completed within one day which resulted in minimal disruption to rail traffic.





NCDOT crews who were doing maintenance on the Maiden Branch corridor came across baby turkeys that were trapped between the railroad tracks. The crew assisted in their safe passage off the tracks and into the woods to join their mother.

Crews make emergency repairs to get the 1810 back on track

In April, Locomotive 1810 had a support bearing burn up on the way to Charlotte. Fortunately the bearing failed as the train was pulling into the CLT station. Once transported back to Raleigh, NCDOT was able to replace the defective traction motor at Capital Rail Yard in just a few hours. NCDOT wants to applaud the hard work of all of those involved in this emergency repair.



Rail Division Retirement



Cheryl (center) was presented a Golden Spike Award and The Old North State Award by Rail Planning Branch Manager Sandra Stepney and Rail Director Paul Worley.

Cheryl Hannah, Transportation Planner, retired on June 1, 2016 after 17 years of service to the State of North Carolina. She worked as a Program Analyst at NC DEQ before moving to NCDOT's PDEA in 2005 as a Community Planner. In 2007, Cheryl joined the Rail Division. As project manager for the Federal grant application process, Cheryl applied for 40 federal transportation grants resulting in $650 million in grants awarded to NCDOT. She established performance criteria metrics and reporting systems for passenger rail reports and served as program consultant for municipal, county and regional transportation plans. Cheryl also maintained the division's knowledge base in passenger and freight rail, intermodal and multi-modal transportation and is a graduate of the I-95 Corridor Coalition's Freight Academy.

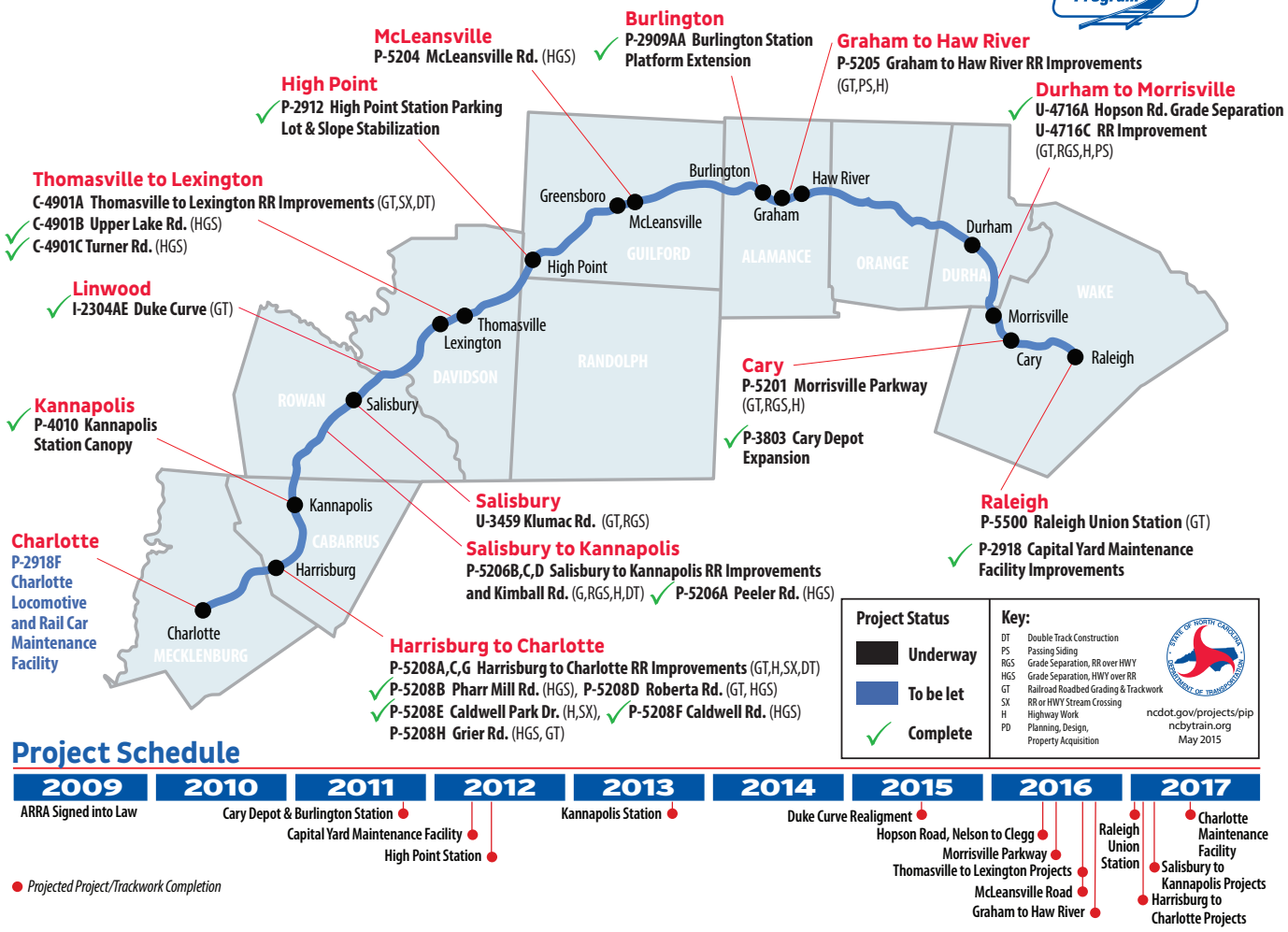
We wish Cheryl the best in her retirement.

NCDOT Rail Division was featured in the American Planning Association's May 2016 Planning Magazine for the progress being made with Raleigh Union Station, the Piedmont Improvement Program and the Southeast Corridor. The article, titled "Great Rail Starts at the Station", details current projects and the importance of Passenger Rail Service across the country.



To read the full article visit https://www.planning.org/planning/2016/may/trainstations/

Piedmont Improvement Program – May 2016 Status Report



Project Schedule

Spent to Date of $520M *(eff. 5/31/2016)*

Component	Expenditure
PD&A/ROW	$51,369,829
Equipment Procurement & Rebuild	$30,127,015
Stations & Facilities	$45,260,220
Track & Structures	$273,788,966
CRISP	$2,180,376
Program Totals	**$402,726,406**

Eight new contracts totaling $382,562 were awarded in May.

Commitments to Date of $520M *(eff. 5/31/2016)*

Current Commitments			**$471M**
Pending Commitments		**Anticipated Date**	**$42.7M**
	Charlotte Maintenance Facility Construction	6/16	$33M
	PIDS Construction	6/16	$1.5M
	PD&A	Through '16	$8.2M
Balance			**$6.3M**

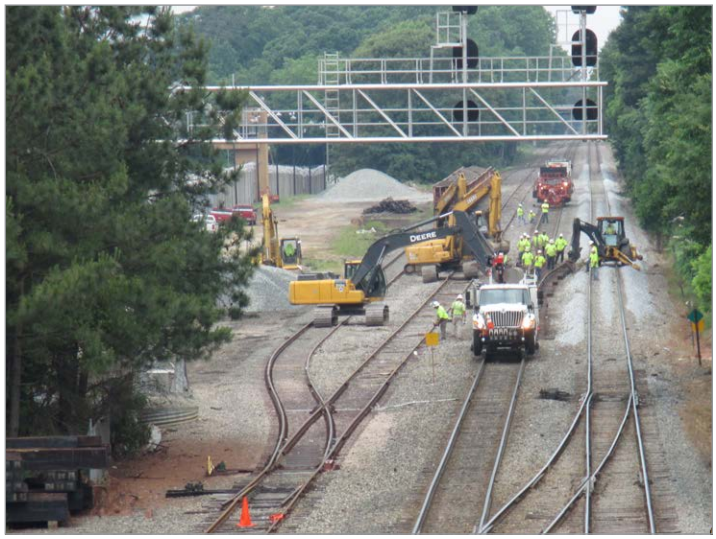
PIP Milestones



Durham: On May 11, both tracks were placed in service on the Nelson-Clegg Passing Siding project, and trains can now use both the main and siding tracks. Minor punch list items remain to fully complete the project.

Raleigh: Norfolk Southern installed the first Number 20 turnouts at CP Boylan in May. Work has also begun on construction of the roadbed for the realignment of the CSX S-line between CP Boylan and CP Southern Jct.

Piedmont Improvement Program – Project Photos – May 2016



P-5500 Raleigh Union Station trackwork



P-5500 Raleigh Union Station trackwork



P-5201 Morrisville Parkway, roadway grading



U-4716 Nelson to Clegg Passing Siding, completed main and siding tracks



P-5205 Graham to Haw River Passing Siding, siding track construction



P-5204 McLeansville Road, bridge construction

Piedmont Improvement Program – Project Photos – May 2016



C-4901 Bowers to Lake, Rich Fork Creek Bridge, completed new track



C-4901 Bowers to Lake, completed detour track



P-5206 Reid to North Kannapolis, ballast on new track construction



P-5206 Reid to North Kannapolis, track construction



P-5208 Haydock to Junker, Coddle Creek, bridge construction



P-5208 Haydock to Junker, Grier Road bridge construction

ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION
JUNE 29, 2016

TIME: 3:30 PM

LOCATION: 160

TOPIC	PRESENTER	TIME
Roadside Memorials	Leigh Wing	15 min
Other Business	Leigh Wing	15 min