



MEETING AGENDA
North Carolina Board of Transportation
1 South Wilmington Street, Raleigh, North Carolina 27601
UPDATED **June 28-29, 2017**

WEDNESDAY, June 28, 2017

11:00AM – 11:30AM

Committee Chairs	Room 160
------------------	----------

1:00PM – 2:00PM

WORK SESSION – FULL BOARD ATTENDANCE

ROOM 150

Legislative Update	Joy Hicks
Draft STIP Overview	Van Argabright
Division of Mitigation Services 2017-2018 Biennial Budget	Phil Harris Tim Baumgartner
Multi-Modal Committee Policies Sidewalk and Pedestrian Policy and Rail Corridor Preservation Policy	Ed Johnson Allan Paul
Chief Financial Officer Update	Chairman Fox
Product Evaluation Awareness	Chairman Fox

2:00PM – 2:10PM

BREAK

2:10PM – 3:30PM

Highway Committee	Room 150
Multi-Modal Committee	EIC

3:30PM – 3:40PM

BREAK

3:40PM – 5:00PM

Economic Development/Intergovernmental Relations (EDIR) Committee	Room 150
Funding Appropriations and Strategies (FAST) Committee	EIC

5:00PM

ADJOURN

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

- **Call to Order**
- **Ethics Statement**
- **Approval of June 1, 2017 Board Meeting Minutes**
- **Road and Bridge Naming Honorary Designations**
- **Secretary's Remarks**
- **North Carolina Department of Public Safety Update**

Chairman Fox
Chairman Fox
Chairman Fox
Chairman Fox
Secretary Trogdon
Secretary Erik Hooks,
Adjutant General Gregory Lusk,
Col. Glenn McNeill and Emergency
Management Assistant Director Brian Falconer

INFORMATION AND DELEGATED AUTHORITY

- (Item C) Award of Highway Construction Contracts from May 2017 Letting
(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

ACTION

Chairman Fox

Prioritization 5.0 (P5.0)

Division of Mitigation Services Biennial Budget

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-1A) Public Transportation
 - (Item I-2) Rail Program
 - (Item I-4) Aviation(Item K) North Carolina Highway Trust Funds
(Item M) Funds for Specific Federal-Aid Projects
(Item N) Revisions to the 2016-2017 STIP
(Item O) Municipal and Special Agreements
(Item R) Right of Way Resolutions and Ordinances

Committee Reports

Committee Chairs

Other Business

Chairman Fox

Adjourn

Chairman Fox

**PROJECTS LIST
NORTH CAROLINA BOARD OF TRANSPORTATION
RALEIGH, NORTH CAROLINA**

May 31 – June 1, 2017

Delegated AuthoritySecretary Trogon

- (Item C) Award of Highway Construction Contracts from May 2017 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

ActionChairman Fox

- (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-1A) 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 now replaces Item J)**
- (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 **(No Item this month)**
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations
- (Item T) Submission of Comprehensive Transportation Plans for Mutual
Adoption by the Board of Transportation
- (Item V) Mobility Funds for Construction Projects

NCDOT Board of Transportation Agenda

ITEM C

May 2017

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.
MAY, 2017
DIVISION 00001

PAGE : 1 of 15
ITEM C

C204020
44973.3.3

NC FLAP DOT OIMMT(1)
HYDE, DARE
F-5702C
05/16/2017

PROPOSAL LENGTH 0 MILES
TYPE OF WORK CONSTRUCTION OF ONE PASSENGER FERRY.
LOCATION NC-12.

EST CONST PROGRESS.... FY-2017..07% OF BID
FY-2018..93% OF BID

RPN 012 4 BIDDER(S) DBE GOAL %
ESTIMATE 4,808,990.00

DATE AVAILABLE JUN 01 2017
FINAL COMPLETION APR 28 2018

	\$ TOTALS	% DIFF
* ARMSTRONG MARINE INC PORT ANGELES, WA	4,154,419.90	-13.6
* BOND EXECUTED IMPROPERLY: ATTEST SIGNATURE - TITLE NOT MARKED THROUGH, SURETY SECTION WRONG DATE, POA NOT DATED CORRECTLY		
* IMPROPER PROPOSAL FORM: PROPOSAL HAD NO PREQUALIFICATION LABEL		
STEINER SHIPYARD, INC. BAYOU LA BATRE, AL	5,695,000.00	+18.4
GRAVOIS ALUMINUM BOATS, LLC DBA METAL SHARK BOATS JEANERETTE,	5,896,638.56	+22.6
* BLOUNT BOATS, INC. WARREN, RI	6,392,500.00	+32.9
* PROPOSAL FORM ALTERED: PREQUALIFICATION LABEL MARKED THROUGH		
* IMPROPER BID BOND FORM: ATTEST SIGNATURE - TITLE NOT MARKED THROUGH		

* DENOTES IRREGULAR BID

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00004

PAGE : 2 of 15
ITEM C

C203907
36596.3.4

STP-0301(28)
NASH
U-3330
05/16/2017

PROPOSAL LENGTH 2.044 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, NOISE WALL & STRS.
LOCATION US-301 BYPASS FROM SR-1836 (MAY DRIVE) TO NC-43/48 (BENVENUE ROAD).

EST CONST PROGRESS.... FY-2018..57% OF BID
FY-2019..36% OF BID
FY-2020..07% OF BID

RPN 001 4 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 24,543,967.44

DATE AVAILABLE JUN 26 2017
INTER COMPLETION NOV 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION APR 29 2020

	\$ TOTALS	% DIFF
PLT-RBP JV CONSTRUCTION WILSON, NC	28,054,212.03	+14.3
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	28,913,822.96	+17.8
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	30,428,060.54	+24.0
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	32,448,991.55	+32.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00004

PAGE : 3 of 15
ITEM C

C203903
38543.3.1

STATE FUNDED
JOHNSTON
B-4771
05/16/2017

PROPOSAL LENGTH 0.099 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #11 OVER MILL CREEK ON SR-1201.

EST CONST PROGRESS.... FY-2018..100% OF BID

RPN 002 5 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 2.00%
ESTIMATE 1,090,972.80

DATE AVAILABLE JUN 26 2017
INTER COMPLETION NOV 15 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAY 14 2018

	\$ TOTALS	% DIFF
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JC	959,145.05	-12.1
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	963,750.00	-11.7
S T WOOTEN CORPORATION WILSON, NC	1,015,380.20	-6.9
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,076,085.15	-1.4
DELLINGER, INC. MONROE, NC	1,135,753.55	+4.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00005

PAGE : 4 of 15
ITEM C

C203806
38600.3.2

STATE FUNDED
WAKE, FRANKLIN
B-4830
05/16/2017

PROPOSAL LENGTH 0.105 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #20 OVER MOCCASIN CREEK ON NC-97.

EST CONST PROGRESS.... FY-2018..100% OF BID

RPN 003 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 1,238,464.45

DATE AVAILABLE JUN 26 2017
INTER COMPLETION NOV 08 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION SEE BELOW

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	1,280,983.65	+3.4
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,486,660.92	+20.0

SUMMARY OF BIDS FOR CONTRACT C203806 WITH THE CONTRACT TIME BEING BID BY EACH BIDDER

DAILY COST = \$1,500.00 / DAY

MAXIMUM NUMBER OF DAYS ALLOWED =

	CONTRACT TIME (CALENDAR DAYS)	CONTRACT AWARD BASIS	ACTUAL CONTRACT AMOUNT
ESTIMATED	135	1,238,464.45	1,035,964.45
S T WOOTEN CORPORATION	105	1,280,983.65	1,123,483.65
DANE CONSTRUCTION, INC.	135	1,486,660.92	1,284,160.92

*ACTUAL CONTRACT AMOUNT = CONTRACT AWARD BASIS - (CONTRACT TIME) (DAILY COSTS)

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00005

PAGE : 5 of 15
ITEM C

C203492
38664.3.4

STPDA-0505(64)
DURHAM
EB-4707B
05/16/2017

PROPOSAL LENGTH 1.756 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.
LOCATION SR-2220 (OLD CHAPEL HILL ROAD) FROM SR-1113 (POPE ROAD) TO SR-1116 (GARRETT ROAD).

EST CONST PROGRESS.... FY-2018..84% OF BID
FY-2019..16% OF BID

RPN 004 4 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 6,058,403.95

DATE AVAILABLE JUN 26 2017
INTER COMPLETION NOV 15 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAY 14 2019

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	7,295,544.75	+20.4
CAROLINA SUNROCK LLC RALEIGH, NC	7,298,308.94	+20.5
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	7,978,569.90	+31.7
BRANCH CIVIL INC ROANOKE, VA	8,098,918.34	+33.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00006

PAGE : 6 of 15
ITEM C

C204021
38511.3.1

BRZ-1137(6)
CUMBERLAND
B-4738
05/02/2017

PROPOSAL LENGTH 0.08 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF BRIDGE ON SR-1137 OVER BUCKHEAD CREEK IN CUMBERLAND COUNTY.

EST CONST PROGRESS.... FY-2017..03% OF BID
FY-2018..97% OF BID

RPN 002 4 BIDDER(S) DBE GOAL 3.00 %
ESTIMATE 813,036.00

DATE AVAILABLE JUN 12 2017
FINAL COMPLETION DEC 01 2017

	\$ TOTALS	% DIFF
S & C CONSTRUCTION LLC WILMINGTON, NC	729,221.00	-10.3
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JC	736,960.00	-9.4
T. A. LOVING COMPANY GOLDSBORO, NC	818,000.00	+0.6
S T WOOTEN CORPORATION WILSON, NC	856,500.00	+5.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00007

PAGE : 7 of 15
ITEM C

C203844
34900.3.5

STATE FUNDED
ALAMANCE
U-3109A
05/16/2017

PROPOSAL LENGTH 3.4568 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
LOCATION NC-119 RELOCATION FROM I-40/85 TO SR-1921 (MEBANE ROGERS RD/ STAGE COACH RD).

EST CONST PROGRESS.... FY-2018..44% OF BID
FY-2019..34% OF BID
FY-2020..21% OF BID
FY-2021..01% OF BID

RPN 005 10 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 45,656,245.14

DATE AVAILABLE JUN 26 2017
INTER COMPLETION AUG 01 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
AUG 19 2018 COMPLETE ALL WORK REQUIRED OF PHASE II, STEP #5.
DEC 27 2018 COMPLETE ALL WORK REQUIRED OF PHASE II, STEPS #6A & #6B.
FINAL COMPLETION JAN 28 2021

	\$ TOTALS	% DIFF
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	45,389,069.36	-0.6
W. C. ENGLISH, INCORPORATED LYNCHBURG, VA	46,602,817.28	+2.1
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	47,866,234.65	+4.8
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	48,215,730.88	+5.6
VECELLIO & GROGAN INC BECKLEY, WV	49,996,791.49	+9.5
BRANCH CIVIL INC ROANOKE, VA	50,544,801.36	+10.7
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	50,916,823.96	+11.5
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	51,395,727.33	+12.6
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	51,716,721.58	+13.3
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	52,971,278.73	+16.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00008

PAGE : 8 of 15
ITEM C

C204018

2017CPT.08.24.10831, 2017CPT.08.24.20471, 2017CPT.08.24.20831

STATE FUNDED
SCOTLAND, HOKE

05/16/2017

PROPOSAL LENGTH 27.959 MILES
TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
LOCATION 2 SECTIONS OF US-15/501 AND 5 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..100% OF BID

RPN 006 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 4,066,153.69

DATE AVAILABLE JUL 10 2017

FINAL COMPLETION JUN 30 2018

	\$ TOTALS	% DIFF
HUDSON PAVING, INC. ROCKINGHAM, NC	3,835,705.92	-5.7
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	4,140,142.78	+1.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00008

PAGE : 9 of 15
ITEM C

C204019
2017CPT.08.26.10761, 2017CPT.08.26.20761

STATE FUNDED
RANDOLPH

05/16/2017

PROPOSAL LENGTH 37.33 MILES
TYPE OF WORK MILLING, RESURFACING, WIDENING, AND SHOULDER RECONSTRUCTION.
LOCATION 2 SECTIONS OF US-421, 1 SECTION OF US-220 BUS, 2 SECTIONS OF NC-22, 1 SECTION OF NC-49, AND
25 SECTIONS OF SECONDARY RDS.
EST CONST PROGRESS.... FY-2018..93% OF BID
FY-2019..07% OF BID

RPN 007 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 8,049,599.39

DATE AVAILABLE JUN 26 2017

FINAL COMPLETION AUG 31 2018

	\$ TOTALS	% DIFF
RILEY PAVING INC CARTHAGE, NC	8,059,490.46	+0.1
SHARPE BROTHERS A DIV OF VECELLIO & GROGAN, INC. GREENSBORO, I	8,370,004.13	+4.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00011

PAGE : 10 of 15
ITEM C

C204006
17BP.11.R.174

STATE FUNDED
ALLEGHANY, SURRY, ASHE

05/16/2017

PROPOSAL LENGTH 0.272 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF 1 BRIDGE IN ALLEGHANY COUNTY , 2 BRIDGES IN ASHE COUNTY AND 1 BRIDGE IN
SURRY COUNTY.
EST CONST PROGRESS.... FY-2018..68% OF BID
FY-2019..32% OF BID

RPN 013 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 3.00%
ESTIMATE 3,225,897.00

DATE AVAILABLE JUN 26 2017

FINAL COMPLETION MAY 15 2019

	\$ TOTALS	% DIFF
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	2,761,977.32	-14.4
SMITH-ROWE, LLC MOUNT AIRY, NC	2,864,776.79	-11.2
APPLE TUCK & ASSOCIATES, INC. RUTHERFORDTON, NC	3,269,000.00	+1.3
LEE CONSTRUCTION COMPANY OF THE CAROLINAS , INC. PINEVILLE, NC	3,881,000.00	+20.3
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	4,444,908.00	+37.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00011

PAGE : 11 of 15
ITEM C

C204007
17BP.11.R.175

STATE FUNDED
AVERY, WATAUGA, CALDWELL

05/16/2017

PROPOSAL LENGTH 0.343 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF 3 BRIDGES IN AVERY COUNTY , 1 BRIDGE IN CALDWELL COUNTY AND 1 BRIDGE IN WATAUGA COUNTY.
EST CONST PROGRESS.... FY-2018..41% OF BID
FY-2019..41% OF BID
FY-2020..18% OF BID

RPN 014 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 3.00%
ESTIMATE 4,314,938.00

DATE AVAILABLE JUN 26 2017
FINAL COMPLETION MAY 01 2020

	\$ TOTALS	% DIFF
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	4,059,116.08	-5.9
APPLE TUCK & ASSOCIATES, INC. RUTHERFORDTON, NC	4,480,000.00	+3.8
SUMMERS-TAYLOR, INC. ELIZABETHTON, TN	4,844,833.00	+12.3
DANE CONSTRUCTION, INC. MOORESVILLE, NC	5,018,767.00	+16.3
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	5,486,879.00	+27.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00012

PAGE : 12 of 15
ITEM C

C204022
2017CPT.12.17.10181, 2017CPT.12.17.20181

STATE FUNDED
CATAWBA

05/16/2017

PROPOSAL LENGTH 40.81 MILES
TYPE OF WORK MILLING, WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 1 SECTION OF NC-127 AND 74 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..84% OF BID
FY-2019..16% OF BID

RPN 008 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%
ESTIMATE 5,042,847.97

DATE AVAILABLE JUN 26 2017

FINAL COMPLETION NOV 17 2018

	\$ TOTALS	% DIFF
MIDSTATE CONTRACTORS INC HICKORY, NC	4,508,120.95	-10.6
MAYMEAD, INC. MOUNTAIN CITY, TN	4,571,951.48	-9.3
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	5,453,828.36	+8.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00012

PAGE : 13 of 15
ITEM C

C204016
2017CPT.12.19.10361, 2017CPT.12.19.20361

STATE FUNDED
GASTON

05/16/2017

PROPOSAL LENGTH 44.89 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 1 SECTION OF US-29/74, 1 SECTION OF NC-7, 2 SECTIONS OF NC-27, AND 38 SECTIONS OF
SECONDARY ROADS.
EST CONST PROGRESS.... FY-2018..86% OF BID
FY-2019..14% OF BID

RPN 009 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 7,779,257.10

DATE AVAILABLE JUN 26 2017
INTER COMPLETION NOV 03 2017 COMPLETE ALL WORK REQUIRED ON MAP #2.
FINAL COMPLETION NOV 01 2018

	\$ TOTALS	% DIFF
ASPHALT PAVING OF SHELBY INC SHELBY, NC	9,006,877.86	+15.8
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	9,024,362.66	+16.0
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	9,475,332.45	+21.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00012

PAGE : 14 of 15
ITEM C

C204009
2017CPT.12.20.10491, 2017CPT.12.20.20491

STATE FUNDED
IREDELL

05/16/2017

PROPOSAL LENGTH 62.348 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 2 SECTIONS OF US-21, 1 SECTION OF US-64, 1 SECTION OF NC-115, AND 43 SECTIONS OF
SECONDARY ROADS.
EST CONST PROGRESS.... FY-2018..84% OF BID
FY-2019..16% OF BID

RPN 010 1 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 7,926,013.80

DATE AVAILABLE JUN 26 2017

FINAL COMPLETION NOV 17 2018

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	8,297,855.75	+4.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY, 2017
DIVISION 00012

PAGE : 15 of 15
ITEM C

C203905
34497.3.6

STATE FUNDED
CLEVELAND
R-2707C
05/16/2017

PROPOSAL LENGTH 4.792 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, RETAINING WALL, AND STRUCTURES.
LOCATION US-74 (SHELBY BYPASS) FROM EAST OF NC-226 TO EAST OF NC-150.

EST CONST PROGRESS.... FY-2018..30% OF BID
FY-2019..25% OF BID
FY-2020..21% OF BID
FY-2021..15% OF BID
FY-2022..09% OF BID

RPN 011 11 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 6.00%
ESTIMATE 63,602,206.74

DATE AVAILABLE JUN 26 2017
INTER COMPLETION MAY 15 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION NOV 11 2022

	\$ TOTALS	% DIFF
ES WAGNER COMPANY LLC - SOUTH CAROLINA PIEDMONT, SC	59,284,543.24	-6.8
VECELLIO & GROGAN INC BECKLEY, WV	62,695,305.35	-1.4
BALFOUR BEATTY INFRASTRUCTURE INC WILMINGTON, NC	65,809,574.83	+3.5
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	68,377,476.73	+7.5
W. C. ENGLISH, INCORPORATED LYNCHBURG, VA	71,128,481.04	+11.8
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	73,577,024.82	+15.7
JONES BROTHERS INC. MOUNT JULIET, TN	74,570,380.51	+17.2
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	77,671,915.95	+22.1
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	77,798,072.33	+22.3
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	77,949,438.63	+22.6
UNITED INFRASTRUCTURE GROUP INC GREAT FALLS, SC	78,721,104.82	+23.8

ESTIMATE TOTAL	188,014,493.47	
LETTING TOTAL	187,518,783.32	-0.3

NCDOT June 2017
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

Chief Deputy Secretary

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

DIVISION 5

Project:	P-5716 Durham County Ellis Road Grade Separation, Durham
Scope of Work:	Environmental Document
Estimated Construction Cost:	\$3,500,000.00
Firm:	VHB Engineering NC, P.C., Watertown, MA
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	New South Associates, Inc. \$15,000.00 / 3%
DBE/MBE/SPSF Utilization:	Neighborhood Solutions LLC \$50,000.00 / 10%
Project:	P-5716 Durham County Ellis Road Grade Separation, Durham
Scope of Work:	Functional and Preliminary Design
Estimated Construction Cost:	\$3,500,000.00
Firm:	VHB Engineering NC, P.C., Watertown, MA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Sungate Design Group PA \$300,000.00 / 15%

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 Rail Crossing Safety on an as needed basis for various federal-aid and state funded projects to support the Rail Unit. These contracts will expire 3 years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	Rail Crossing Safety On-Call LSC
Firm:	AECOM Technical Services of North Carolina Inc., Chicago, IL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	Rail Crossing Safety On-Call LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	0%

Description of Work:	Rail Crossing Safety On-Call LSC
Firm:	H.W. Lochner, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	Rail Crossing Safety On-Call LSC
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	0%

Description of Work:	Rail Crossing Safety On-Call LSC
Firm:	Moffatt & Nichol, Incorporated, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	Rail Crossing Safety On-Call LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	Rail Crossing Safety On-Call LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	0%

Description of Work:	Rail Crossing Safety On-Call LSC
Firm:	Simpson Engineers & Associates PC, Cary, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	Rail Crossing Safety On-Call LSC
Firm:	WSP USA Corp, Chicago, IL
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	0%

Transportation Planning Branch

Planning and Forecasting

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:	2016 Traffic Forecasting LSC
Firm:	AECOM Technical Services of North Carolina Inc., Chicago, IL
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC \$50,000.00 / 10%

Chief Engineer

Technical Services

Geotechnical Engineering Unit

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

STATEWIDE

Description of Work:	2014 Geotechnical LSC
Firm:	Richard Catlin & Associates Inc., Wilmington, NC
Original Engineering Fee:	\$5,000,000.00
Previous Supplemental Fee:	\$ 500,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2014 Geotechnical LSC
Firm:	Froehling and Robertson, Inc., Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$ 500,000.00
SPSF Utilization:	0%

June 1, 2017

Description of Work:	2014 Geotechnical LSC
Firm:	Stewart, Philadelphia, PA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$ 200,000.00
SPSF Utilization:	100%

Project Development and Environmental Analysis

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.

DIVISIONS 4 and 5

Project:	37673.1.TA2, 35516.1.TA2, 35517.1.TA1 (R-2721, R-2828 and R-2829) Wake and Johnston Counties
Scope of Work:	Triangle Expressway Southeast Extension Project development, environmental, and engineering services
Estimated Construction Cost:	\$1,615,127,000.00
Firm:	H. W. Lochner, Inc., Raleigh, NC
Original Engineering Fee:	\$ 263,930.72
Previous Supplemental Fee:	\$17,200,000.00
Supplemental Fee:	\$ 3,000,000.00
Supplemental Work:	Final Environmental Impact Statement, Record of Decision, Preliminary designs for the Preferred alternative, Right of Way plans for the Preferred alternative, Permit applications
SPSF Utilization:	0%

Photogrammetry

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

STATEWIDE

Description of Work:	2015 Photogrammetric Mapping Services LSC
Firm:	Spatial Data Consultants Inc., High Point, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	100%

Description of Work:	2015 Photogrammetric Mapping Services LSC
Firm:	WSP USA Corp, Chicago, IL
Original Engineering Fee:	\$250,000.00
Supplemental Fee:	\$150,000.00
SPSF Utilization:	0%

June 1, 2017

Description of Work:	2015 Photogrammetric Mapping Services LSC
Firm:	Tuck Mapping Solutions, Inc., Big Stone Gap, VA
Original Engineering Fee:	\$250,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of Work:	2015 Photogrammetric Mapping Services LSC
Firm:	MA Engineering Consultants Inc., Cary, NC
Original Engineering Fee:	\$250,000.00
Previous Supplemental Fee:	\$150,000.00
Supplemental Fee:	\$150,000.00
DBE/MBE/SPSF Utilization:	100%

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 5

Project:	34745.3.S2 (U-0071) Durham County Durham East End Connector from North of NC 98 to NC 147 (Buck Dean Freeway)
Scope of Work:	Roadway & Hydraulic Design
Estimated Construction Cost:	\$159,400,000.00
Firm:	MA Engineering Consultants Inc., Cary, NC
Original Engineering Fee:	\$616,206.89
Previous Supplemental Fee:	\$609,396.15
Supplemental Fee:	\$ 38,108.09
Supplemental Work:	Adjust design to improve future roadway connectivity on Parcel 65
DBE/MBE/SPSF Utilization:	100%

DIVISION 14

Project:	38593.1.2 (B-4823) Transylvania County Bridge No. 12 over Hogsed Creek on SR 1538
Scope of Work:	Roadway Design, Hydraulic Design, and Erosion Control
Estimated Construction Cost:	\$425,000.00
Firm:	MS Consultants Inc., Youngstown, OH
Original Engineering Fee:	\$85,293.48
Supplemental Fee:	\$53,678.90
Supplemental Work:	Division requested alignment shift to maintain on-site traffic
DBE/WBE/SPSF Utilization:	CH Engineering PLLC \$32,913.54 / 61.32%
SPSF Utilization:	Sungate Design Group PA \$11,728.01 / 21.85%

June 1, 2017

Transportation Mobility and Safety

ITS & Signals

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm for work on U-6015 listed below and for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 7

Project:	U-6015 Alamance County
Scope of Work:	Upgrade Burlington-Graham Signal System
Estimated Construction Cost:	ITS and Signal Design
Firm:	\$12,720,000.00
Maximum Engineering Fee:	Atkins North America Inc., Raleigh, NC
SPSF Utilization:	\$2,200,000.00
	Mattern & Craig Inc.
	\$264,000.00 / 12%
SPSF Utilization:	Summit Design and Engineering Services, PLLC
	\$132,000.00 / 6%

Turnpike Authority

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract were 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:	Toll Operations Services
Firm:	Atkins North America Inc., Raleigh NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

NCDOT JUNE 2017 BOARD OF TRANSPORTATION AGENDA
Secondary Road Improvement Projects (Highway and Trust Funds)

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

Div / County	SR No. / Road Name	Description	Amount
Div 1 Herford	SR 1162 Parker Lane Rd	GDB&P 1C.046074	\$113,571.43
Div 1 Martin	SR 1172 Lee Rd Ext	GDB&P 1C.058063	\$125,000.00
Div 1 Northampton	SR 1507 Grant Rd	GDB&P 1C.066071	\$190,000.00
Div 1 Tyrrell	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, etc. Increase funds 1C.089009	\$2,562.97
Div 1 Washington	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges with Pipe, Safety Projects, etc. Increase funds 1C.094009	\$54,429.80
Div 3 New Hanover	SR 1576 River Rd	Pipe Replacement 3C.065036	\$131,888.38
Div 3 New Hanover	SR 1187 Sanders Rd	Safety Project 51215.01N	\$50,000.00
Div 4 Johnston	SR 1725 Harris Wilson Rd	Grade & stabilize 4C.051141	\$107,000.00
Div 4 Johnston	SR 2135 Old Creech Rd	Grade & stabilize 4C.051142	\$107,571.43
Div 4 Johnston	SR 1212 Shadowwood Rd	Grade & stabilize 4C.051143	\$107,000.00
Div 4 Johnston	SR 1347 Old Olive Rd	Grade & stabilize 4C.051144	\$107,000.00

June 1, 2017

NCDOT JUNE 2017 BOARD OF TRANSPORTATION AGENDA
Secondary Road Improvement Projects (Highway and Trust Funds)

Div / County	SR No. / Road Name	Description	Amount
Div 5 Durham	SR 1815 Fletcher Chapel Rd	GDB&P 5C.032078	\$50,000.00
Div 5 Vance	SR 1251 Railroad St	GDB&P 5C.091046	\$170,000.00
Div 5 Wake	SR 1916 Hinton Rd	GDB&P 5C.092149	\$208,571.43
Div 6 Harnett	SR 1828 Bears Lane	GDB&P 6C.043123	\$110,000.00
Div 6 Robeson	SR 1844 Walking Lane	GDB&P 6C.078119	\$135,000.00
Div 6 Robeson	SR 1686 Frank Dr	GDB&P 6C.078120	\$183,571.43
Div 7 Caswell	SR 1596 Bob Smith Rd	GDB&P Increase funds 7C.017074	\$66,287.28
Div 7 Caswell	SR 1309 Thompson Rd	GDB&P Increase funds 7C.017099	\$78,042.09
Div 7 Guilford	Various	Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 7C.041038	\$182,889.34
Div 7 Guilford	SR 3395 Bernie Rd	GDB&P 7C.041257	\$428,571.43
Div 9 Davidson	SR 1214 Ernest Cook Rd	GDB&P 9C.029114	\$133,571.43
Div 9 Stokes	SR 1956 Willow Rd	GDB&P 9C.085135	\$1,000.00
Div 10 Cabarrus	SR 1239 Famous Dr	GDB&P 10C.013065	\$187,125.50

June 1, 2017

**NCDOT JUNE 2017 BOARD OF TRANSPORTATION AGENDA
Secondary Road Improvement Projects (Highway and Trust Funds)**

Div / County	SR No. / Road Name	Description	Amount
Div 10 Stanly	SR 1828 Knollwood Rd	GDB&P 10C.084074	\$241,445.93
Div 13 Burke	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds WBS 13C.012015	\$10,963.03
Div 14 Haywood	SR 1380 Turkey Creek Rd	GDB&P Increase funds 14C.044182	\$328,571.42

Closings:

Div / County	SR No. / Road Name	Description	Amount
Div 3 New Hanover	SR 1318 Blue Clay Rd	Pipe Replacement Increase & close 3C.065035	\$123,688.21

Deletions:

Div / County	SR No. / Road Name	Description	Amount
Div 3 New Hanover	SR 1402 Bald Eagle Rd	Pipe Replacement Funded by alternate source 3C.065031	(\$38,859.99)
Div 3 New Hanover	SR 1318 Blue Clay Rd	Pipe Replacement Rail crossing conflict 3C.065034	(\$50,000.00)
Div 7 Guilford	Various	AST Treatments Funded by alternate source 7C.041252	(\$100,000.00)

June 1, 2017

**NCDOT JUNE 2017 BOARD OF TRANSPORTATION AGENDA
Secondary Road Improvement Projects (Highway and Trust Funds)**

Div / County	SR No. / Road Name	Description	Amount
Div 7 Rockingham	Various	AST Treatments To be funded by alternate source 7C.079240	(\$250,000.00)

Item E Summary:

20	Projects to Establish Funds	\$2,887,888.39
8	Projects to Increase Funds	\$723,745.93
1	Projects to Increase and Close	\$123,688.21
4	Projects Deletions	(\$438,859.99)

NCDOT June 2017 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 2				
Beaufort	51355	0.47	Beaufort County Industrial Park Page Road, SR 1456 Ext.	3/9/17
Pitt	51356	0.33	Wheaton Village Subdivision Wheatstone Drive	2/28/17
Division 4				
Johnston	51357	0.28 0.08 0.08	Neighbors Walk Subdivision His Way Trusting Lane Abba Circle	3/20/17
Johnston	51358	0.29 0.31 0.12	Kings Mill Subdivision Crownside Road Cherryhill Drive Haggerty Lane	3/15/17
Johnston	51359	0.15	Holly Berry Farm Subdivision Sunny Hollow Court	3/6/17
Johnston	51360	0.29 0.04 0.04	Gardner Lake Subdivision Gardner Lake Drive Long Ridge Court Mayfield Circle	3/21/17
Wayne	51361	0.53 0.06	Stillwater Creek Subdivision Stillwater Creek Drive Stillwater Creek Circle	3/8/17
Division 5				
Wake	51362	0.06 0.14 0.04 0.04 0.25 0.09	Avocet Subdivision Rex Road Lumiere Street Faucon Court Hirondelle Court Fauvette Lane Sarcelle Street	3/17/17
Wake	51363	0.18	Creek Pine Drive	3/10/17
Division 6				
Cumberland	51364	0.06 0.14 0.14	The Gardens at Cypress Lake Village Subdivision Blue Ribbon Lane, SR 3972 Ext Debut Avenue, SR 4516 Ext. Seattle Slew Lane	3/22/17

June 1, 2017

NCDOT June 2017 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 6 Harnett	51365	0.23	Donnibrook Pines Subdivision Donnibrook Run	4/6/17
Division 7 Guilford	51366	0.13	Brooke Meadows Subdivision Pilot View Drive	3/17/16
Guilford	51367	0.10	Deep River Forest Subdivision River Knoll Court	2/21/17
Guilford	51368	0.07	Reata Subdivision Tether Court	2/13/17
Guilford	51369	0.15	Sedgefield Country Club Subdivision Chowan Road	2/17/17
Division 8 Chatham	51370	1.08 0.14 0.12	Cattail Creek Subdivision Rebecca Lane Isabela Court Madison Court	12/19/16
Division 10 Union	51371	0.12	Shannon Vista Subdivision Palazzo Drive, SR 3876 Ext.	3/16/17

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 5 Wake	51372	0.06	SR 1213 Salem Street Service Road	2/23/17
Division 9 Davie	51373	0.78	SR 1812 Peter Hairston Road	4/12/17
Forsyth	51374	0.08	Portion of SR 1147 Sandy Lane	3/3/17
Division 10 Union	51375	0.08	SR 1384 Reid Dairy Road	9/8/16

June 1, 2017

Summary: **Number of Roads Petitioned for Addition – 34**
 Number of Roads Petitioned for Abandonment – 4

Correction:

Division 2 – Beaufort County Petition 39861 removed 0.04 miles of SR 1348, Cox Road. The correct mileage removed should be 0.17 miles.

Division 7 – Caswell County Petition 51354 was listed in Division 10. It should have been listed in Division 7.

NCDOT JUNE 2017 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

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

County	Description	Type	Amount
Div 1 Dare	Town of Manteo – WBS 44226 was established (06/14) for the extension of existing walking trail on Roanoke Island; Project in 2 sections; Project 1 consists of 950LF of stone trail connection and 145 LF of elevated wooden trail construction; Project 2 consists of 720 LF of stone trail construction and 60 LF of elevated wooden trail construction Increase funds	Small Construction TOTAL	 \$75,000.00 \$75,000.00
Div 1 Dare	Town of Kitty Hawk – Installation of approximately 840 LF of living shoreline at Kitty Hawk Bay adjacent to SR 1216 (Moor Shoreline Rd) Other funding: Town, NOAA, CCAP, private land owners WBS 80042	Small Construction TOTAL	 \$30,000.00 \$30,000.00
Div 1 Dare	Town of Nags Head – Repair and restoration of existing ocean outfall in South Nags Head, in conjunction with Nags Head Beach Nourishment Plan Other funding: Town; NCDOT Maintenance funds WBS 80043	Small Construction TOTAL	 \$79,417.82 \$79,417.82
Div 2 Lenoir	Realign and extend SR 1754 (Albemarle Rd) from Cunningham Rd to a point approximately 400 ft beyond dead end Other funding: Contract Resurfacing WBS 48125	Small Construction Econ Development Public Access TOTAL	 \$78,571.42 \$137,421.94 \$25,000.00 \$240,993.36
Div 3 Brunswick	Construct left and right turn lanes on SR 1163 (Old Georgetown Rd) onto Dartmoor Way SW at entrance to Ocean Ridge Plantation WBS 47430	Contingency TOTAL	 \$300,000.00 \$300,000.00

NCDOT JUNE 2017 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

County	Description	Type	Amount
Div 3 Brunswick	Installation of traffic signal at the intersection of NC-211 and SR 1112 (Sunset Harbor Rd) and construct associated northbound right turn lane on SR 1112 (Sunset Harbor Rd) onto NC-211 WBS 47425	Contingency <hr/> TOTAL	\$325,000.00 <hr/> \$325,000.00
Div 3 Onslow	Landscape enhancements from US-17 to Jacksonville Commons North WBS 47428	Small Construction <hr/> TOTAL	\$58,385.00 <hr/> \$58,385.00
Div 3 Pender	Town of Burgaw – WBS 44493 was established (06/15) for the construction of a sidewalk along US-117 Bus South / South Walker St Increase funds	Small Construction <hr/> TOTAL	\$50,000.00 <hr/> \$50,000.00
Div 4 Halifax	City of Weldon – Construct storage lane for bus parking adjacent to SR 1651 at Weldon Elementary School WBS 80037	Contingency Public Access <hr/> TOTAL	\$20,000.00 \$50,000.00 <hr/> \$70,000.00
Div 4 Nash	Pave bus parking area and construct turn lanes to facilitate safe movements in and out of Southern Nash Middle Other funding: Nash Rocky Mount Schools WBS 80044	Small Construction Contingency Public Access <hr/> TOTAL	\$13,571.43 \$35,428.57 \$26,000.00 <hr/> \$75,000.00
Div 4 Nash	Construction of a connector access road on the campus of Nash Community College WBS 80046	Contingency <hr/> TOTAL	\$150,000.00 <hr/> \$150,000.00
Div 5 Division-wide	WBS 44476 was established (06/15) to Install traffic signals at various intersections that are warranted based on congestion levels Increase funds	Small Construction <hr/> TOTAL	\$171,696.43 <hr/> \$171,696.43
Div 6 Cumberland	City of Fayetteville – Signal installation and associated road improvements at Strickland Bridge Rd and Fisher Rd WBS 47429	Contingency <hr/> TOTAL	\$475,000.00 <hr/> \$475,000.00

NCDOT JUNE 2017 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

County	Description	Type	Amount
Div 7 Orange	Install chain link fence on both sides of the Orange Grove Rd (SR 1006) bridge over I-40 WBS 47418	Contingency TOTAL	\$100,000.00 \$100,000.00
Div 7 Rockingham	Widening, turn lanes, and resurfacing on US- 158 and SR 2350 (Hudson Rd) at Bethany Charter School WBS 47426	Contingency TOTAL	\$260,000.00 \$260,000.00
Div 8 Chatham	Town of Siler City – Widening of US-421 SB ramp at interchange with US-64 to enable for storage for the right turn movements Other funding: Contract Resurfacing WBS 47422	Small Construction TOTAL	\$13,334.75 \$13,334.75
Div 8 Moore	Town of Southern Pines – Construction of roundabout at the intersection of NC-2 (Midland Rd) and NC-22 (Central Ave) and the construction of a superstreet in the NC-2/US-1 interchange area Other funding: HSIP, STP WBS 44854.3.2	Small Construction TOTAL	\$250,000.00 \$250,000.00
Div 8 Moore	Town of Southern Pines – Widen SR 1205 (Morganton Rd) from US-15/501 to Turnberry Way to provide westbound turn lane WBS 47420	Small Construction TOTAL	\$250,000.00 \$250,000.00
Div 8 Randolph	Town of Asheboro – Extension of SR 3102 (Commerce Place) from current end of payment to Pineview Rd WBS 47424	Econ Development Public Access TOTAL	\$300,000.00 \$100,000.00 \$400,000.00
Div 9 Davidson	City of Thomasville – Installation of left turn lane on NC-62 at facility's truck entrance WBS 47419	Econ Development Small Construction Public Access TOTAL	\$157,500.00 \$29,500.00 \$63,000.00 \$250,000.00

NCDOT JUNE 2017 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

County	Description	Type	Amount
Div 9 Forsyth	Bethania – Drainage improvements along SR 1611 (Main St) WBS 47423	Small Construction TOTAL	\$46,387.89 \$46,387.89
Div 10 Mecklenburg	WBS 43633.2.1 was established (09/12) to install a left turn lane on northbound NC-115 and eastbound SR 2140 (Stumptown), a right turn lane on southbound NC-115, and a fully actuated traffic signal Increase and close	Small Construction TOTAL	\$15,636.85 \$15,636.85
Div 10 Mecklenburg	Grading and installation of 2' - 6' concrete curb & gutter to fix drainage issue at Mt Holly-Huntersville Rd and Walden Ridge Dr WBS 47421	Small Construction TOTAL	\$7,519.96 \$7,519.96
Div 11 Caldwell	WBS 44594 was established (10/15) to bring Washboard Lane up to minimum state standards; funding reduced due to ROW unavailability (12/16); ROW is now available Increase funds	Contingency TOTAL	\$60,000.00 \$60,000.00
Div 11 Surry	Safety improvements to SR 2048 (Shoals Rd) WBS 80045	Contingency TOTAL	\$60,000.00 \$60,000.00
Div 12 Catawba	City of Hickory – WBS 44211 was established (06/14) for the construction of dual rights at the south bound off ramp on US-321 at NC-127 Increase funds	Small Construction TOTAL	\$154,494.72 \$154,494.72
Div 12 Cleveland	Town of Boiling Springs – Intersection improvements including signal up grades at SR 1167 (Main St) & NC-150 (College Ave) WBS 47432	Contingency TOTAL	\$60,000.00 \$60,000.00
Div 12 Iredell	Town of Mooresville – Construction of intersection improvements at NC-801 and NC-150 Other funding: CMAQ WBS 46446.3.1	Contingency TOTAL	\$200,000.00 \$200,000.00

NCDOT JUNE 2017 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

County	Description	Type	Amount
Div 13 Buncombe	WBS 42433 was established (12/08) to construct road and bridge across Norfolk Southern Railway tracks and Hominy Creek to serve the new Buncombe County Sports Complex and Industrial Park; scope change to construct dual left turn lanes onto new bridge Increase funds	Econ Development TOTAL	\$4,202.87 \$4,202.87
Div 13 Buncombe	Construction of sidewalk, curb ramps, bridge railing upgrades, and pedestrian signal upgrades from NC-81 to Bleachery Blvd on US-74A (Fairview Rd) Other funding: Spot Safety, City of Asheville WBS 47416	Small Construction TOTAL	\$93,738.00 \$93,738.00
Div 13 Mitchell	Realign the intersection of SR 1276 (Elkins Rd) and Forest Service Rd, improve curve on Forest Service Rd and install actuated emergency signal and traffic signal interface with flashers WBS 44988	Contingency TOTAL	\$61,000.00 \$61,000.00
Div 14 Cherokee	Extend existing turn lanes at US-64 & NC-294 and US-64 at crossover just west of Murphy WBS 47415	Small Construction TOTAL	\$108,322.41 \$108,322.41
Div 14 Haywood	Town of Canton – Cover overdraft on 36249.2690; established for installation of metal poles with mast arms and metal strain poles and installation & upgrade of traffic signals WBS 47414	Small Construction TOTAL	\$13,565.39 \$13,565.39
Div 14 Henderson	East Flat Rock – Construct approximately 150 LF of Industrial Access, road improvements on SR 1819 (Mills St) to include widen travel lanes, curb and gutter, and resurface WBS 47417	Econ Development Public Access TOTAL	\$355,000.00 \$75,000.00 \$430,000.00

NCDOT JUNE 2017 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

County	Description	Type	Amount
Div 19 Statewide	WBS 72.1000 was established (06/16) for paving drives from state maintained roads to bay doors of fire and rescue facilities [N.C.G.S. 136-18(24)] Increase funds	Public Access <hr/> TOTAL	\$301,874.42 <hr/> \$301,874.42
Div 19 Statewide	WBS 72.2000 was established (06/16) for paving school bus drives and stabilizing bus parking areas at public schools [N.C.G.S. 136-18(17)] Increase funds	Public Access <hr/> TOTAL	\$251,874.41 <hr/> \$251,874.41

Deletions:

Div 9, Davidson County – WBS 44820 was established (06/16) for the Installation of flashing caution light at the intersection of NC-8 and Gray Rd; funded by alternate source

Summary:	Number of Divisions	14
	Number of Projects	36
	Small Construction Commitment	\$1,539,142.07
	Public Access Commitment	\$892,748.83
	Contingency Commitment	\$2,106,428.57
	Economic Development	\$954,124.81
	TOTAL	\$5,492,444.28

Highway Division #	5307 Program – Operating, Planning, Capital Funding	Estimated Project Cost	
9	18-SU-026 - The NCDOT will apply for 5307 Funds from the Small Urbanized 5307 Governor's Apportionment. Funds will be provided to the Davidson County Transportation System for operating, planning and capital assistance.	\$180,000	Total
		\$90,000	Federal
		\$0	State
		\$90,000	Local
7	18-SU-049 - The NCDOT will apply for 5307 Funds from the Small Urbanized 5307 Governor's Apportionment. Funds will be provided to the Guilford County Transportation System for operating, planning and capital assistance.	\$70,000	Total
		\$35,000	Federal
		\$0	State
		\$35,000	Local
7	18-SU-041 - The NCDOT will apply for 5307 Funds from the Small Urbanized 5307 Governor's Apportionment. Funds will be provided to the Alamance County Transportation System for operating, planning and capital assistance.	\$641,838	Total
		\$320,919	Federal
		\$0	State
		\$320,919	Local
7	18-SU-056A - The NCDOT will apply for 5307 Funds from the Small Urbanized 5307 Governor's Apportionment. Funds will be provided to the Orange County Public Transportation System for operating, planning and capital assistance.	\$93,738	Total
		\$46,869	Federal
		\$0	State
		\$46,869	Local
7	18-LU-056B - The NCDOT will apply for 5307 Funds from the Durham Chapel Hill Carrboro Urbanized Area allocation. Funds will be provided to the Orange County Public Transportation System for operating, planning and capital assistance.	\$337,728	Total
		\$168,864	Federal
		\$0	State
		\$168,864	Local
12	18-LU-024 - The NCDOT will apply for 5307 Funds from the Charlotte Urbanized Area allocation. Funds will be provided to the Iredell County Transportation System for operating, planning and capital assistance. .	\$474,162	Total
		\$237,081	Federal
		\$0	State
		\$237,081	Local
12	18-LU-024B - The NCDOT will apply for 5307 Funds from the Charlotte Urbanized Area through a transfer of Surface Transportation Block Grant Program funding. Funding will be administered to the Iredell County Transportation System for a facility feasibility study.	\$60,000	Total
		\$48,000	Federal
		\$0	State
		\$12,000	Local
10	18-LU-089 - The NCDOT will apply for 5307 Funds from the Charlotte Urbanized Area allocation. Funds will be provided to the Union County Transportation System for operating, planning and capital assistance.	\$483,812	Total
		\$241,906	Federal
		\$0	State
		\$ 241,906	Local

10	18-LU-037 - The NCDOT will apply for 5307 Funds from the Charlotte Urbanized Area allocation. Funds will be provided to the Mecklenburg County Transportation System for operating, planning and capital assistance.	\$567,464 \$283,732 \$0 \$283,732	Total Federal State Local
10	18-LU-042 - The NCDOT will apply for 5307 Funds from the Concord-Rowan Urbanized Area allocation. Funds will be provided to the Cabarrus County Transportation System for operating, planning and capital assistance.	\$600,000 \$300,000 \$0 \$300,000	Total Federal State Local
6	18-LU-044 - The NCDOT will apply for 5307 Funds from the Fayetteville Urbanized Area allocation. Funds will be provided to the Cumberland County Transportation System for operating, planning and capital assistance.	\$155,762 \$77,881 \$0 \$77,881	Total Federal State Local
8	18-LU-078 - The NCDOT will apply for 5307 Funds from the Fayetteville Urbanized Area allocation. Funds will be provided to the Hoke County Area Transit Service for operating, planning and capital assistance.	\$145,560 \$72,780 \$0 \$72,780	Total Federal State Local
6	18-LU-040 - The NCDOT will apply for 5307 Funds from the Fayetteville Urbanized Area allocation. Funds will be provided to the Harnett Area Rural Transit System for operating, planning and capital assistance.	\$103,690 \$51,845 \$0 \$51,845	Total Federal State Local

Item I - 1, 13 Projects, Total Federal/State Funds \$1,974,877

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	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TG-6185	Piedmont Authority for Regional Transportation	Routine Capital- Passenger amenities, parts, equipment, and preventative maintenance capital cost of contracting	FUZ	5307	34	34	34	34	34	34	
			Local	L	9	9	9	9	9	9	

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TO-5209	Piedmont Authority for Regional Transportation- Greensboro Urban Area	Operating Assistance	FUZ	5307	216	216	216	216	216	216	
			Local	L	216	216	216	216	216	216	

Item I-1A, 2 Projects, Total Federal/State funds \$1,500,000

**NCDOT June 2017 Board of Transportation Agenda
Rail Program**

Town/County Division	Project Description	Estimated Cost
Division 1 Camden County 80000.2.3.55	The Rail Division requests Board approval for additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade railroad crossing by installing a concrete tub on the Chesapeake & Albemarle Railroad (CA). The additional funds are needed to include a side track in the replacement. The crossing to be improved is 465 371V (NC 343). CA will provide the necessary labor to install the materials. The Division will provide the traffic control. The total estimated cost to the Department has been revised from \$44,000 to \$65,000. FRRCSI ID: F16249	\$21,000
Division 5 Wake County 44092	The Rail Division requests Board approval for additional State Rail Funds to settle the final right of way claim for Raleigh Union Station (Bloomsbury Estates, LLC), which was mediated by the Attorney General's Office on April 26, 2017. The initial amount was \$2,300,000 and the settlement amount is \$3,950,000 as approved by the ROW Secretary and Review Board. The amount of State funds requested is \$1,000,000. The balance of the claim will be paid with Federal Railroad Administration funds. The total estimated cost to the Department is \$1,000,000.	\$1,000,000
Division 6 Robeson County 80000.2.3.59	The Rail Division requests Board approval for additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade railroad crossing by installing a rail seal surface on the Red Springs & Northern Railroad (RSNR). The additional funds are needed to include additional materials as requested by the Railroad. The crossing to improved is 629 901P (SR 1712-Third Street). The Railroad will provide the necessary labor to install the materials. The Division will provide asphalt and traffic control. The total estimated cost to the Department has been revised from \$30,000 to \$55,000. FRRCSI ID: F16253	\$25,000
Division 9 Rowan County 80000.2.2.4 P-5206D	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for intersection improvements at (SR 1210-Ryder Avenue) and Central Avenue, including the installation of a preempted railroad traffic signal in Landis. This intersection is adjacent to the Norfolk Southern/ North Carolina Railroad line. The Department will be responsible for the design and construction of the project. Norfolk Southern will be responsible for any construction within their right-of-way. The total estimated cost to the Department is \$300,000.	\$300,000

Division 12 Alexander County 80000.2.3.62	The Rail Division requests Board approval for additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade railroad crossing by installing a rail seal surface on the Alexander Railroad (ARC). The additional funds are needed to change the surface type from rail seal to concrete tub as requested by the Railroad. The crossing to be improved is 864 363E (SR 1422 White Plains Road). ARC will provide the necessary labor to install the materials. The Division will provide the traffic control. The total estimated cost to the Department has been revised from \$32,000 to \$45,000. FRRCSI ID: F16256	\$13,000
Division 14 Jackson County 80000.2.3.52	The Rail Division requests Board approval for additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade railroad crossing by installing a concrete tube surface on the Blue Ridge Southern Railroad (BLU). The additional funds are needed to increase the surface width as requested by the Railroad. The crossing to be improved is 720 259L (SR 1527 Steeple Road). The Railroad will provide the necessary labor to install the materials. The Division will provide the traffic control. The total estimated cost to the Department has been revised from \$24,000 to \$34,000. FRRCSI ID: F14280	\$10,000

ITEM I-2 SUMMARY – 6 PROJECTS – (TOTAL FEDERAL AND STATE) \$1,369,000

NCDOT June 2017 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 1, 2017 Board of Transportation meeting.	
--	--	--

ITEM I-3 SUMMARY – NO PROJECTS

NCDOT June 2017 Board of Transportation Agenda

Aviation Program

Division Airport	Project Title Project Description [Partner Connect #]
Division 01 Billy Mitchell Airport (Hatteras)	Airfield Pavement Rehabilitation Rehabilitate pavement on Runway 7-25, connecting taxiways and apron in order to prevent further deterioration. The Pavement Condition Index (PCI) is 73 [tbd]
Division 01 Ocracoke Island Airport	Airfield Pavement Rehabilitation Rehabilitate pavement on Runway 6-24, connecting taxiway and apron in order to prevent further deterioration. The Pavement Condition Index (PCI) is 66 [tbd]
Division 01 First Flight Airport	Airfield Pavement Rehabilitation Rehabilitate pavement on Runway 2-20, connecting taxiway and apron in order to prevent further deterioration. The Pavement Condition Index (PCI) is 55. [tbd]
Division 02 Coastal Carolina Airport	Runway Pavement Rehabilitation Rehabilitate pavement on Runway 14-32 in order to prevent further deterioration. The Pavement Condition Index (PCI) is 69. [3196/3198]
Division 02 Kinston Regional Jetport	Airfield Pavement Rehabilitation Rehabilitate pavement on Runway 5-23, taxiway and apron in order to prevent further deterioration of the pavement. The Pavement Condition Index (PCI) is 66 [tbd]
Division 03 Albert J Ellis Airport	Airfield Lighting Rehabilitation Replace and upgrade portions of the airfield lighting system in order to increase safety and reliability. Includes replacement of the 34-year-old electrical vault, runway and taxiway lights, PAPIs, REILs and Signage. [tbd]
Division 03 Duplin County Airport	Runway Widening / Strengthening; Lighting; Taxiway; 18B Survey Widen Runway 5-23 to 100 ft and strengthen in order to improve safety for current aircraft operations. Includes airfield lighting and connector taxiway and associated 18B survey. [2454/2455/3444]
Division 04 Tarboro-Edgecombe County Airport	Airfield Pavement and Lighting Rehabilitation Rehabilitate pavement on Runway 9-27, connector taxiway and apron in order to prevent further deterioration. Includes rehabilitation of airfield lighting. Portion of this airfield flooded as a result of Hurricane Matthew. [tbd]
Division 07 Rockingham-Shiloh Airport	Runway Pavement Rehabilitation Rehabilitate pavement on Runway 13-31 in order to prevent further deterioration. The Pavement Condition Index (PCI) is 70. [3540]
Division 08 Laurinburg Maxton Airport	Taxiway Pavement Rehabilitation Rehabilitate Taxiway F in order to address poor pavement and prevent further deterioration Pavement Condition Index (PCI) 6. [3565]
Division 12 Statesville Airport	Eastside Parallel Taxiway Construct a partial parallel taxiway on the southeast side of Runway 10-28 in order to improve safety by mitigating potential runway incursions from crossfield traffic. [3361]

ITEM I-4 SUMMARY – 10 PROJECTS – (TOTAL STATE, FEDERAL AND LOCAL COST) \$35,400,000

****Project selection and approval for award. Estimated costs are shown; only eligible costs within the project scope of work will be reimbursed.**

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Bertie Co. Div. 1 R-5809C DIVISION	WBS 46976.3.4 NC 45 from southern city limits of Colerain to Hertford County line. Initial funds are requested for construction.	\$900,000.00
Northampton Co. Div. 1 R-2582A DIVISION	WBS 34472.2.SU1 US 158 from I-95 / NC 46 in Roanoke Rapids to SR 1312 (St. John Church Road) in Northampton County. \$500,000.00 has previously been approved for utilities. Funds need to be decreased (\$500,000.00). Work was done under the Right of Way WBS. WBS will be closed.	-\$500,000.00
Craven Co. Div. 2 R-2513A DIVISION	WBS 35497.1.3 US 17 from NC 43 to SR 1438 (Spruill Town Road). Initial funds are requested for preliminary engineering.	\$750,000.00
Craven Co. Div. 2 R-3403B REGIONAL	WBS 34538.1.2 US 17 from SR 1433 (Antioch Road) to NC 43. Initial funds are requested for preliminary engineering.	\$1,250,000.00
Craven Co. Div. 2 R-4463A REGIONAL	WBS 35601.1.R2 NC 43 Connector from US 17 to south of US 70. \$325,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design work.	\$500,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 U-3431 DIVISION	WBS 39004.1.1 SR 1763 (Miller Boulevard) from SR 1756 (Lake Road) to Outer Banks Drive. Initial funds are requested for preliminary engineering.	\$650,000.00
Craven Co. Div. 2 U-5992 DIVISION	WBS 47112.1.1 NC 55 (First Street / Country Club Road) from NC 55 (Neuse Boulevard) to Pembroke Avenue. Initial funds are requested for preliminary engineering.	\$175,000.00
Craven Co. Div. 2 U-5993 REGIONAL	WBS 47113.1.1 NC 55 (Neuse Boulevard) at US 17 Business (MLK). Initial funds are requested for preliminary engineering.	\$500,000.00
Greene Co. Div. 2 R-5812 DIVISION	WBS 46981.1.1 US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91. Initial funds are requested for preliminary engineering.	\$500,000.00
Lenoir Co. Div. 2 R-5813 REGIONAL	WBS 46983.1.1 US 70 at SR 1227 (Jim Sutton Road) / SR 1252 (Willie Measley Road). Initial funds are requested for preliminary engineering.	\$500,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 U-5991 DIVISION	WBS 47111.1.1 NC 43 from SR 1708 (Firetower Road) to SR 1711 (Worthington Road). Initial funds are requested for preliminary engineering.	\$900,000.00
Wayne/ Lenoir Co. Divs. 2/4 R-2554 STATEWIDE	WBS 34461.2.1 US 70 (Goldsboro Bypass) from west of NC 581 in Wayne County to east of SR 1323 (Promise Land Road) in Lenoir County. \$2,374,303.83 has previously been approved for specific parcels. Funds need to be decreased (\$201,624.39). WBS will be closed. This project has previously been identified as a Trust Fund Intrastate System project.	-\$201,624.39
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.1.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$8,725,302.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project.	\$150,000.00
Onslow Co. Div. 3 U-4007E STATEWIDE	WBS 35008.1.3 US 17 at NC 53 (Western Boulevard) and SR 1406 (Piney Green Road). Initial funds are requested for preliminary engineering. Project is being shifted from Federal funding to State funding.	\$1,215,321.00
Nash Co. Div. 4 U-3621A DIVISION	WBS 34964.2.2 SR 1604 (Hunter Hill Road) from SR 1613 (North Winstead Avenue) to SR 1616 (Country Club Road). Initial funds are requested for construction based on the estimate from the 12 month Tentative Letting List published May 2, 2017.	\$6,000,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne Co. Div. 4 R-5719 DIVISION	WBS 50473.3.1 US 117 at SR 1135 (Country Club Road). Initial funds are requested for construction based on the estimate from the 12 month Tentative Letting List published April 25, 2017. This project is combined with U-5796.	\$25,300,000.00
Durham Co. Div. 5 U-5745 REGIONAL	WBS 50166.2.1 NC 751 (Hope Valley Road) at SR 1183 (University Drive) intersection in Durham. Initial funds are requested for full right of way and utilities.	\$150,000.00
Statewide Div. 5 M-0488D STATEWIDE	WBS 46404.1.4 South Eastern Extension of I-540 - Map Act Lawsuit. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$125,000.00
Raleigh/ Wake Co. Div. 5 P-5720 REGIONAL	WBS 46932.2.1 CSX crossing 630 601X at SR 2006 (Durant Road) in Raleigh. Construct grade separation. Initial funds are requested for appraisal of Specific Parcel 900.	\$25,000.00
Wake Co. Div. 5 R-2635D STATEWIDE	WBS 35520.3.S5 NC 540 (Triangle Expressway) Interchange with SR 1153 (Holly Springs/Apex Road). \$20,286,012.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$175,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 R-2828 STATEWIDE	WBS 35516.2.1 Southern Wake Freeway (Future NC 540) from US 401 to I-40. \$11,854,648.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Funds are requested for appraisal of Specific Parcel 900. This project has previously been identified as a Trust Fund Urban Loop project.	\$25,000.00
Wake Co. Div. 5 U-4437 DIVISION	WBS 35868.1.4 NC 54 (Hillsborough Street) and SR 1664 - SR 3074 (Blue Ridge Road) in vicinity of NC Railroad (CSX Corporation and Norfolk Southern) in Raleigh. Funds are requested for preliminary engineering.	\$1,900,000.00
Wake Co. Div. 5 U-5302 REGIONAL	WBS 48000.1.1 US 401 from south of Legend Road to US 70. \$295,000.00 has previously been approved for preliminary engineering. Additional funds are requested for final surveys and Right of Way plan development.	\$500,000.00
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. \$2,400,000.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$395,000.00
Robeson Co. Div. 6 P-4900A STATEWIDE	WBS 41099.3.2 Railroad Bypass of Pembroke to allow North to South shipments to turn East. Grading and structures for new rail connector in northeast quadrant between CSX A-Line and CSX SE Line. \$8,600,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$285,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Alamance Co. Div. 7 U-5752 REGIONAL	WBS 51077.2.1 US 70 (S. Church Street) at St. Marks Church Road in Burlington. Intersection improvements. Initial funds are requested for full right of way and utilities.	\$1,790,000.00
Alamance Co. Div. 7 U-5752 REGIONAL	WBS 51077.1.1 US 70 (S. Church Street) at St. Marks Church Road in Burlington. Intersection improvements. \$250,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$110,000.00
Alamance Co. Div. 7 U-5843 DIVISION	WBS 50233.2.1 US 70 (Church Street) at SR 1817 (Graham-Hopedale Road) in Burlington. Intersection improvements. Initial funds are requested for full right of way and utilities.	\$225,000.00
Guilford Co. Div. 7 R-2413A STATEWIDE	WBS 34429.2.2 Future I-73, from four lanes at SR 2011 (Edgefield Road) to SR 2127 (Brook Bank Road). \$31,311,453.00 has previously been approved for right of way and utilities. Additional funds are requested for settlement of claims. This is a Strategic Transportation Investments Transition project. This project has previously been identified as a Trust Fund Intrastate System project.	\$7,000,000.00
Greensboro/ Guilford Co. Div. 7 U-2524AB STATEWIDE	WBS 34820.2.8 Greensboro Western Loop from north of I-85 near SR 1129 (Groometown Road) to north of SR 4121 (High Point Road). \$10,552,675.41 has previously been approved for specific parcels. Funds need to be decreased (\$1,683,046.74). WBS will be closed. This project has previously been identified as a Trust Fund Urban Loop project.	-\$1,683,046.74

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Greensboro/ Guilford Co. Div. 7 U-2525B STATEWIDE	WBS 34821.2.3 Greensboro Eastern Loop from north of US 70 to US 29 north of Greensboro. \$37,280,000.00 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. This project has previously been identified as a Trust Fund Urban Loop project.	\$180,000.00
Orange Co. Div. 7 U-5846 DIVISION	WBS 50236.2.1 SR 1772 (Greensboro St.) at SR 1780 (Estes Drive) in Carrboro. Construct roundabout. Initial funds are requested for full right of way and utilities.	\$585,000.00
Orange Co. Div. 7 U-5854 DIVISION	WBS 46382.2.1 SR 1008 (Mt. Carmel Church Road) at SR 1913 (Bennett Road) in Chapel Hill. Construct roundabout. Initial funds are requested for full right of way and utilities.	\$290,000.00
Rockingham Co. Div. 7 R-2413CA STATEWIDE	WBS 34429.3.S9 US 220 / Future I-73 at NC 68. Convert at-grade intersection to interchange. \$9,800,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$820,000.00
Rockingham Co. Div. 7 R-5704 REGIONAL	WBS 46376.2.1 NC 87 - SR 1998 (Wentworth Street) / SR 1001 (Sandy Cross Road). Initial funds are requested for full right of way and utilities.	\$150,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Richmond Co. Div. 8 I-5979 DIVISION	WBS 46963.1.1 US 74 / Future I-74 at US 1 (Exit 311). Initial funds are requested for preliminary engineering.	\$1,092,000.00
Richmond Co. Div. 8 R-2502B STATEWIDE	WBS 34438.2.4 US 1 from north of SR 1528 (Vincent Gibson Ave) just north of Hoffman to existing 4 lanes north of Moore County Line. \$2,245,283.10 has previously been approved for right of way. Funds need to be decreased (\$141,576.93). WBS will be closed. This project has previously been identified as a Trust Fund Intrastate System project.	-\$141,576.93
Davidson/ Randolph Cos. Divs. 8/9 R-2220 REGIONAL	WBS 34394.1.2 US 64 from east of I-85 Business in Lexington to Asheboro Bypass. Initial funds are requested for preliminary engineering.	\$5,330,000.00
Davidson Co. Div. 9 R-5844A DIVISION	WBS 47086.1.2 NC 109 from NC 24 / NC 27 to Davidson County Line. Initial funds are requested for preliminary engineering.	\$1,444,700.00
Davie Co. Div. 9 U-6002 DIVISION	WBS 47137.1.1 Wilkesboro Street at Yadkinville Road in Mocksville. Initial funds are requested for preliminary engineering.	\$300,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston-Salem/ Forsyth Co. Div. 9 U-2579AB REGIONAL	WBS 34839.2.4 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$29,255,306.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are requested for advanced acquisition of Specific Parcel 905 (Property of Lilian Cifeuntes) for \$124,525.00. This project has previously been identified as a Trust Fund Urban Loop project.	\$124,525.00
Forsyth Co. Div. 9 U-6003 DIVISION	WBS 47138.1.1 New route from SR 1969 (Piney Grove Road) to NC 150 (North Main Street) in Kernersville. Initial funds are requested for preliminary engineering.	\$500,000.00
Forsyth Co. Div. 9 U-6005 DIVISION	WBS 47140.1.1 NC 65 (Bethania-Rural Hall Road) from US 52 to SR 3983 (Northridge Drive) in Rural Hall. Initial funds are requested for preliminary engineering.	\$500,000.00
Rowan Co. Div. 9 U-5900 REGIONAL	WBS 44690.1.1 NC 150 from SR 1514 (Airport Road) to west of Grant's Creek in Salisbury. Initial funds are requested for preliminary engineering.	\$750,000.00
Rowan Co. Div. 9 U-5901 DIVISION	WBS 44705.1.1 New route from Airport Parkway, SR 1710 (Harrison Road) near US 70 / US 601 (Jake Alexander Boulevard) to SR 2539 (Peach Orchard Road) at US 29 in Salisbury. Initial funds are requested for preliminary engineering.	\$1,000,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Stokes Co. Div. 9 R-5828 DIVISION	WBS 47100.1.1 US 311 (North Main Street) at SR 1918 (First Street) in Walnut Cove. Initial funds are requested for preliminary engineering.	\$200,000.00
Anson Co. Div. 10 R-5798 REGIONAL	WBS 44998.1.1 US 74 (Andrew Jackson Highway) from Graham Street to SR 1749 (Allen Pond Road). Initial funds are requested for preliminary engineering.	\$1,695,000.00
Cabarrus Co. Div. 10 U-4910A DIVISION	WBS 40373.2.D1 SR 1445 (Derita Road) from SR 2894 (Concord Mills Boulevard) to Aviation Boulevard. \$1,347,513.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$255,000.00
Cabarrus Co. Div. 10 U-4910A DIVISION	WBS 40373.1.D2 SR 1445 (Derita Road), SR 2894 (Concord Mills Boulevard) to Aviation Boulevard. Widen to multi-lanes. \$70,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$70,000.00). Project has gone to construction. WBS will be closed.	-\$70,000.00
Cabarrus Co. Div. 10 U-5956 REGIONAL	WBS 46891.1.1 US 29 - Realign Union Cemetery Road to intersect US 29 at Rock Hill Church Road and eliminate the current intersection of Union Cemetery Road and Cabarrus Avenue by creating a cul-de-sac. Initial funds are requested for preliminary engineering.	\$450,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cabarrus/ Mecklenburg Cos. Div. 10 U-6029 DIVISION	WBS 47154.1.1 Poplar Tent Road from Derita Road to NC 73. Initial funds are requested for preliminary engineering.	\$6,540,000.00
Mecklenburg Co. Div. 10 I-5963 STATEWIDE	WBS 45913.1.1 I-485 at NC 16 (Providence Road). Initial funds are requested for preliminary engineering.	\$6,200,000.00
Mecklenburg Co. Div. 10 I-5973 REGIONAL	WBS 44990.1.1 I-485 at NC 16 (Brookshire Boulevard). Initial funds are requested for preliminary engineering.	\$2,200,000.00
Mecklenburg Co. Div. 10 U-2509A STATEWIDE	WBS 38965.2.2 US 74 (Independence Boulevard) from Conference Drive to Sardis Road North. \$25,000.00 has previously been approved for appraisal of a specific parcel. Additional funds are requested for advanced acquisition of Specific Parcel 900 (Property of Squires Realty, Inc.) for \$1,372,766.00	\$1,372,766.00
Mecklenburg Co. Div. 10 U-4713A DIVISION	WBS 39077.1.2 SR 3440 (McKee Road Extension) from SR 3448 (Pleasant Plains Road) to SR 1009 (John Street). Initial funds are requested for preliminary engineering.	\$435,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-4714A DIVISION	WBS 39078.1.2 SR 1009 (John Street - Old Monroe Road) from SR 3448 – SR 3474 (Trade Street) to west of Morningside Meadow Lane. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Mecklenburg Co. Div. 10 U-4714B DIVISION	WBS 39078.1.6 SR 1009 (John Street - Old Monroe Road) from west of Morningside Meadow Lane to east of SR 1377 (Wesley Chapel - Stouts Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Mecklenburg Co. Div. 10 U-5767 REGIONAL	WBS 50180.1.1 US 21 (Statesville Road) from Northcross Center Court to SR 2147 (Westmoreland Road). \$600,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$120,000.00
Mecklenburg Co. Div. 10 U-5803 DIVISION	WBS 44375.1.2 SR 2940 (Eastway Drive) and Shamrock Drive. Initial funds are requested for preliminary engineering.	\$705,000.00
Mecklenburg Co. Div. 10 U-5955 REGIONAL	WBS 46892.1.1 NC 16 (Brookshire Boulevard) from I-85 to Idaho Drive. Initial funds are requested for preliminary engineering.	\$1,095,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-5957 REGIONAL	WBS 46889.1.1 NC 27 (Freedom Drive) from SR 1644 (Toddville Road) to SR 1600 (Moore's Chapel Road). Initial funds are requested for preliminary engineering.	\$1,920,000.00
Mecklenburg Co. Div. 10 U-6028 DIVISION	WBS 47153.1.1 SR 2472 (Mallard Creek Road) from SR 2833 (Mallard Creek Church Road) to Breezewood Drive. Initial funds are requested for preliminary engineering.	\$2,340,000.00
Mecklenburg Co. Div. 10 U-6030 DIVISION	WBS 47155.1.1 SR 4979 (Ballantine Commons Parkway) from Annalexa Lane to Williams Pond Lane. Initial funds are requested for preliminary engineering.	\$3,540,000.00
Union Co. Div. 10 U-6031 DIVISION	WBS 47156.1.1 SR 1009 (Charlotte Avenue) from Seymour Street to NC 200 (Dickerson Boulevard). Initial funds are requested for preliminary engineering.	\$330,000.00
Madison/ Yancey Cos. Div. 13 R-2518WM STATEWIDE	WBS 34445.3.1 Wetland mitigation on US 19 from I-26 to SR 1336 (Jacks Creek Road). \$1,992,141.00 has previously been approved for wetland mitigation. Additional funds are needed for wetland mitigation. This project has previously been identified as a Trust Fund Intrastate System project.	\$500,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rutherfordton/ Rutherford Co. Div. 13 R-2233BB SW/DIV	WBS 34400.1.S5 US 221 South of US 74 Business to North of SR 1366 (Roper Loop Road). \$1,443,635.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$215,000.00
McDowell/ Rutherford Cos. Div. 13 R-2597 STATEWIDE	WBS 35608.1.1 US 221 from north of SR 1366 (Roper Loop Road) in Rutherford County to SR 1153 (Goose Creek Road) in McDowell County. \$3,830,598.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$274,629.16). Project has been deleted. WBS will be closed. This project has previously been identified as a Trust Fund Intrastate project.	-\$274,629.16
Rutherford Co. Div. 13 U-5833 DIVISION	WBS 50225.2.1 SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. Initial funds are requested for full right of way and utilities.	\$900,000.00
Yancey Co. Div. 13 R-2519A REGIONAL	WBS 35609.3.1 US 19 east from SR 1336 (Jacks Creek Road) to NC 80 in Yancey County. \$51,967,301.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project.	\$1,420,000.00
Mitchell/ Yancey Cos. Div. 13 R-2519B STATEWIDE	WBS 35609.2.2 US 19 East from NC 80 in Yancey County to multi-lane section west of Spruce Pine in Mitchell County. \$37,761,850.00 has previously been approved for right of way. Additional funds are requested to settle all pending claims. This project has previously been identified as a Trust Fund Intrastate System project.	\$10,000,000.00

**NCDOT June 2017 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Polk Co. Div. 14 I-4729 REG/DIV	WBS 34243.1.3 I-26, US 74, & NC 108 interchange. \$720,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$210,000.00
Polk Co. Div. 14 I-4729A REGIONAL	WBS 34243.1.4 I-26 / US 74 / NC 108 interchange. Initial funds are requested for preliminary engineering.	\$1,600,000.00
Polk Co. Div. 14 I-4729B REGIONAL	WBS 34243.1.5 Construct improvements on NC 108 at exit 67. Initial funds are requested for preliminary engineering.	\$780,000.00
Statewide K-5500B STATEWIDE	WBS 43589.3.2 Piedmont region rest area renovations. \$458,000.00 has previously been approved for construction. Funds need to be decreased (\$61,724.32). WBS will be closed. This project has previously been identified as a Trust Fund Specific State Funds for Construction project.	-\$61,724.32
*** Correction and resubmission from May 4, 2017 Board Approval (Page K-17)		
Cleveland Co. Div. 12 R-2707C STATEWIDE	WBS 34497.3.6 US 74 Bypass from east of NC 226 to west of NC 150. Initial funds are requested for construction based on the 12 month Tentative Letting List published April 7, 2017. This is a Cash Flow project with \$32,000,000.00 in SFY 17 and SFY 18.	\$64,000,000.00
*** The correct Tier should be REGIONAL		
Cleveland Co. Div. 12 R-2707C REGIONAL	WBS 34497.3.6 US 74 Bypass from east of NC 226 to west of NC 150. Initial funds are requested for construction based on the 12 month Tentative Letting List published April 7, 2017. This is a Cash Flow project with \$32,000,000.00 in SFY 17 and SFY 18.	\$64,000,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	19 PROJECTS	\$26,080,485.46
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	22 PROJECTS	\$22,959,525.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	31 PROJECTS	\$59,686,700.00
REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$210,000.00
STATEWIDE/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$215,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	74 PROJECTS	\$109,151,710.46

NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects

L-1

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
Lewiston Woodville/ Bertie Co. Div. 1 SS-4901AX	WBS 47376.3.1 NC 11 - 42 at NC 308 in Lewiston-Woodville. Initial construction funds are needed for all-way stop installation. File 01-16-42404C	\$72,000.00
Lewiston Woodville/ Bertie Co. Div. 1 SS-4901AX	WBS 47376.2.1 NC 11 - 42 at NC 308 in Lewiston-Woodville. Initial right of way and utilities funds are needed for all-way stop installation. File 01-16-42404R	\$4,500.00
Divisionwide Div. 1 SS-4901AZ	WBS 47377.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 01-17-001-1	\$40,000.00
Plymouth/ Washington Co. Div. 1 SS-4901AY	WBS 47375.3.1 US 64/NC 32 at SR 1342 (Rankin Lane). Initial construction funds are needed for traffic signal and pavement marking revisions. File 01-16-42062C	\$13,500.00
Divisionwide Div. 2 SS-4902CL	WBS 47378.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. 10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 02-17-001-1	\$40,000.00

June 1, 2017

NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects

L-2

**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
Kinston/ Lenoir Co. Div. 2 SS-4902CK	WBS 47373.3.1 US 258 at SR 1001 (Pauls Path Road)/SR 1557 (Hull Road). Initial construction funds are needed for traffic signal revisions. File 02-16-41658C	\$26,370.00
Kinston/ Lenoir Co. Div. 2 SS-4902CK	WBS 47373.2.1 US 258 at SR 1001 (Pauls Path Road)/SR 1557 (Hull Road). Initial right of way and utilities funds are needed for traffic signal revisions. File 02-16-41658R	\$4,500.00
Pitt Co. Div. 2 SS-4902CJ	WBS 47374.3.1 US 264 from west of structures 457 & 458 eastward to the same structures. SR 1467 (Stantonsburg Road-US 264 Connector) from structures 457 & 458 eastward to the taper for the right turn lane onto SR 1204 (B's BBQ Road). Initial construction funds are needed for guardrail installation and revisions. File 02-16-42521C	\$54,000.00
Warsaw/ Duplin Co. Div. 3 SS-4903CS	WBS 46916.3.1 NC 24 Business/NC 50 at SR 1900 (Lanefield Road). \$25,000.00 in Spot Safety construction funds has previously been approved for turn lane construction. Those funds have been transferred to Contingency WBS 46908 for the same location and improvement so that there can be only one WBS number for expenditures. This is for information purposes only. File 03-16-43808-1	
Divisionwide Div. 3 SS-4903DB	WBS 47379.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 03-17-001-1	\$40,000.00

June 1, 2017

NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects

L-3

**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
Onslow Co. Div. 3 SS-4903CX	WBS 47370.3.1 US 17 at NC 172. Initial construction funds are needed for installation of shoulder mounted intersection warning signs with actuated flashers. File 03-16-43651C	\$56,250.00
Pender Co. Div. 3 SS-4903CW	WBS 47372.3.1 US 17 and SR 1563 (Sloop Point Loop Road). Initial construction funds are needed for traffic signal revisions to provide a Dynamic Red Extension system and actuated "Signal Warning" signs. File 03-16-42323C	\$90,000.00
Pender Co. Div. 3 SS-4903CY	WBS 47369.3.1 US 421 at SR 1300 (Englishtown Road). Initial construction funds are needed for guardrail revisions. File 03-17-44689C	\$43,200.00
Pender Co. Div. 3 SS-4903CY	WBS 47369.2.1 US 421 at SR 1300 (Englishtown Road). Initial right of way and utilities funds are needed for guardrail revisions. File 03-17-44689R	\$1,800.00
Pender Co. Div. 3 SS-4903CZ	WBS 47368.2.1 SR 1001 (Willard Road) at Sills Creek. Initial right of way and utilities funds are needed for guardrail installation. File 03-17-44690R	\$1,800.00

June 1, 2017

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-4

**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
Pender Co. Div. 3 SS-4903CZ	WBS 47368.3.1 SR 1001 (Willard Road) at Sills Creek. Initial construction funds are needed for guardrail installation. File 03-17-44690C	\$27,900.00
Pender Co. Div. 3 SS-4903DA	WBS 47367.3.1 US 17/NC 210 at SR 1569 (Hoover Road). Initial construction funds are needed for traffic signal revisions. File 03-17-45241C	\$21,150.00
Divisionwide Div. 4 SS-4904EF	WBS 47380.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 04-17-001-1	\$40,000.00
Wayne Co. Div. 4 SS-4904EE	WBS 47365.2.1 NC 55 at NC 403 and SR 1745 (Pineview Cemetery Road). Initial right of way and utilities funds are needed for intersection improvements and flasher revisions. File 04-17-45240R	\$74,970.00
Wayne Co. Div. 4 SS-4904EE	WBS 47365.3.1 NC 55 at NC 403 and SR 1745 (Pineview Cemetery Road). Initial construction funds are needed for intersection improvements and flasher revisions. File 04-17-45240C	\$117,000.00

June 1, 2017

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-5

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
Lucama/ Wilson Co. Div. 4 SS-4904ED	WBS 47366.3.1 US 301 at SR 1169 (Radford Road) and SR 1649 (Little Rock Church Road). Initial construction funds are needed for traffic signal revisions. File 04-16-44452C	\$27,000.00
Divisionwide Div. 5 SS-4905ES	WBS 47381.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 05-17-001-1	\$40,000.00
Durham Co. Div. 5 SS-4905EQ	WBS 47360.3.1 SR 1901 (Carpenter Pond Road) at SR 1902 (Kemp Road). Initial construction funds are needed for all-way stop installation. File 05-17-5215C	\$9,000.00
Durham/ Durham Co. Div. 5 SS-4905ER	WBS 47359.3.1 NC 55 at Cecil Street / Alston Avenue, Linwood Avenue, and SR 1171 (Riddle Road). Initial construction funds are needed for traffic signal revisions. File 05-17-5175C	\$67,500.00
Granville Co. Div. 5 SS-4905EN	WBS 47363.3.1 US 15/SR 1100 (Gate One Road) at I-85 Northbound Ramp. Initial construction funds are needed for traffic signal installation. File 05-17-5126C	\$18,000.00

June 1, 2017

NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects

L-6

**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
Raleigh/ Wake Co. Div. 5 SS-4905EM	WBS 47364.3.1 SR 2041 (Spring Forest Road) at Hollenden Drive. Initial construction funds are needed for traffic signal revisions and high visibility crosswalk installation. File 05-16-3665C	\$22,500.00
Raleigh/ Wake Co. Div. 5 SS-4905EO	WBS 47362.3.1 SR 1005 (Six Forks Road) at Atlantic Avenue. Initial construction funds are needed for traffic signal revisions. File 05-17-5128C	\$22,500.00
Raleigh/ Wake Co. Div. 5 SS-4905EP	WBS 47361.3.1 NC 50 (Creedmoor Road) at SR 1830 (Baileywick Road), Brennan Drive/Blandford Way, Stonehenge Drive, and Sawmill Road. Initial construction funds are needed for traffic signal revisions. File 05-17-5129C	\$108,000.00
Fayetteville/ Cumberland Co. Div. 6 SS-4906CY	WBS 47358.3.1 US 401 Business (Raeford Road) at SR 1007 (All-American Expressway). Initial construction funds are needed for high friction surface treatment installation File 06-16-43513C	\$135,000.00
Divisionwide Div. 6 SS-4906DA	WBS 47382.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 06-17-001-1	\$40,000.00

June 1, 2017

NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects

L-7

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
Robeson Co. Div. 6 SS-4906CZ	WBS 47357.2.1 NC 130, approximately 0.80 miles northwest of SR 1170 (Quinn Road). Initial right of way and utilities funds are needed for curve improvements. File 06-16-43594R	\$22,500.00
Robeson Co. Div. 6 SS-4906CZ	WBS 47357.3.1 NC 130, approximately 0.80 miles northwest of SR 1170 (Quinn Road). Initial construction funds are needed for curve improvements. File 06-16-43594C	\$301,500.00
Divisionwide Div. 7 SS-4907BY	WBS 47383.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 07-17-001-1	\$40,000.00
Guilford Co. Div. 7 SS-4907BX	WBS 47354.2.1 SR 2770 (Huffine Mill Road) at SR 2819 (McLeansville Road). Initial right of way and utilities funds are needed for intersection improvements, flasher installation, and all-way stop installation. File 07-17-067R	\$13,500.00
Guilford Co. Div. 7 SS-4907BX	WBS 47354.3.1 SR 2770 (Huffine Mill Road) at SR 2819 (McLeansville Road). Initial construction funds are needed for intersection improvements, flasher installation, and all-way stop installation. File 07-17-067C	\$117,000.00

June 1, 2017

NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects

L-8

**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
Orange Co. Div. 7 SS-4907BW	WBS 47356.2.1 SR 1114 (Buckhorn Road) at SR 1146 (West Ten Road) east of Mebane. Initial right of way and utilities funds are needed for intersection improvements and all-way stop installation. File 07-17-056R	\$1,800.00
Orange Co. Div. 7 SS-4907BW	WBS 47356.3.1 SR 1114 (Buckhorn Road) at SR 1146 (West Ten Road) east of Mebane. Initial construction funds are needed for intersection improvements and all-way stop installation. File 07-17-056C	\$49,500.00
Divisionwide Div. 8 SS-4908BN	WBS 47384.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 08-17-001-1	\$40,000.00
Southern Pines/ Moore Co. Div. 8 SS-4908BK	WBS 47353.3.1 SR 1309 (Morganton Road) at SR 1905 (Felton Chapel Road)/Beverly Lane). Initial construction funds are needed for traffic signal revisions. File 08-17-5149C	\$18,000.00
Randolph Co. Div. 8 SS-4908BL	WBS 47352.3.1 SR 2261 (Old Liberty Road) from US 220 Business to US 421. Initial construction funds are needed for pavement marking revisions. File 08-17-7135C	\$360,000.00

June 1, 2017

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-9

**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
Randolph Co. Div. 8 SS-4908BM	WBS 47351.3.1 US 421 at SR 2407 (Shiloh Road/Deviney Road). Initial construction funds are needed for channelization and turn lane improvements. File 08-17-5170C	\$112,500.00
Lexington/ Davidson Co. Div. 9 SS-4909BV	WBS 47350.3.1 SR 1147 (Old Salisbury Rd) at Regents Center Court. Initial construction funds are needed for intersection improvements. File 09-16-570C	\$21,600.00
Davidson Co. Div. 9 SS-4909BW	WBS 47349.3.1 NC 8 at SR 1110 (Gray Road)/SR 2287 (Wafford Road). Initial construction funds are needed for intersection improvements and installation of actuated Vehicle Entering When Flashing signs. File 09-17-060C	\$43,200.00
Davidson Co. Div. 9 SS-4909BW	WBS 47349.2.1 NC 8 at SR 1110 (Gray Road)/SR 2287 (Wafford Road). Initial right of way and utilities funds are needed for intersection improvements and installation of actuated Vehicle Entering When Flashing signs. File 09-17-060R	\$19,800.00
Davie Co. Div. 9 SS-4909BX	WBS 47348.2.1 US 64 at NC 801. Initial right of way and utilities funds are needed for traffic signal installation. File 09-17-997R	\$126,000.00

June 1, 2017

NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects

L-10

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
Davie Co. Div. 9 SS-4909BX	WBS 47348.3.1 US 64 at NC 801. Initial construction funds are needed for traffic signal installation. File 09-17-997C	\$135,000.00
Divisionwide Div. 9 SS-4909BY	WBS 47385.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 09-17-001-1	\$40,000.00
Divisionwide Div. 10 SS-4910CS	WBS 47386.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 10-17-001-1	\$44,510.26
Huntersville/ Mecklenburg Co. Div. 10 SS-4910CR	WBS 47345.3.1 SR 2136 (Gilead Road) between Bradford Hills Lane and Wynfield Creek Parkway. Initial construction funds are needed for pipe culvert extension and guardrail installation. File 10-17-204C	\$135,000.00
Huntersville/ Mecklenburg Co. Div. 10 SS-4910CR	WBS 47345.2.1 SR 2136 (Gilead Road) between Bradford Hills Lane and Wynfield Creek Parkway. Initial right of way and utilities funds are needed for pipe culvert extension and guardrail installation. File 10-17-204R	\$22,500.00

June 1, 2017

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-11

**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
Caldwell Co. Div. 11 SS-4911AS	WBS 47344.3.1 SR 1751 (Grace Chapel Road) in the vicinity of SR 1856 (Grace Drive). Initial construction funds are needed for guardrail installation. File 11-17-201C	\$56,385.00
Caldwell Co. Div. 11 SS-4911AS	WBS 47344.2.1 SR 1751 (Grace Chapel Road) in the vicinity of SR 1856 (Grace Drive). Initial right of way and utilities funds are needed for guardrail installation. File 11-17-201R	\$9,900.00
Divisionwide Div. 11 SS-4911AV	WBS 47387.3.1 Divisionwide - Secondary Road Statutory Speed Limit Signing. \$10,000.00 in construction funds has previously been approved to improve safety at various locations on the Secondary Road system with appropriate speed limit and/or curve warning sign installations. Additional funds are needed due to an increase in construction costs. File 11-17-001-1	\$40,000.00
Watauga Co. Div. 11 SS-4911AT	WBS 47343.3.1 SR 1102 (Poplar Grove Road) between Grandview Heights and Highland Hills Avenue. Initial construction funds are needed for guardrail installation and revisions. File 11-16-213C	\$81,000.00
Watauga Co. Div. 11 SS-4911AT	WBS 47343.2.1 SR 1102 (Poplar Grove Road) between Grandview Heights and Highland Hills Avenue. Initial right of way and utilities funds are needed for guardrail installation and revisions. File 11-16-213R	\$1,800.00

June 1, 2017

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-12

**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
Wilkes Co. Div. 11 SS-4911AU	WBS 47342.2.1 SR 1002 between NC 18 and SR 1957 (Rock Creek Road). Initial right of way and utilities funds are needed for curve improvements. File 11-16-215R	\$9,000.00
Wilkes Co. Div. 11 SS-4911AU	WBS 47342.3.1 SR 1002 between NC 18 and SR 1957 (Rock Creek Road). Initial construction funds are needed for curve improvements. File 11-16-215C	\$134,100.00
Gaston Co. Div. 12 SS-4912CA	WBS 47341.2.1 SR 1103 (Crowders Creek Road) at SR 1112 (Chapel Grove School Road). Initial right of way and utilities funds are needed for guardrail installation. File 12-16-208R	\$900.00
Gaston Co. Div. 12 SS-4912CA	WBS 47341.3.1 SR 1103 (Crowders Creek Road) at SR 1112 (Chapel Grove School Road). Initial construction funds are needed for guardrail installation. File 12-16-208C	\$12,600.00
Henderson Co. Div. 14 SS-4914DA	WBS 47339.2.1 SR 1734 (Sugarloaf Road) from SR 1006 to SR 1783, near Hendersonville. Initial right of way and utilities funds are needed for guardrail installation. File 14-17-201R	\$9,000.00

June 1, 2017

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-13

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
Henderson Co. Div. 14 SS-4914DA	WBS 47339.3.1 SR 1734 (Sugarloaf Road) from SR 1006 to SR 1783, near Hendersonville. Initial construction funds are needed for guardrail installation. File 14-17-201C	\$36,000.00
Hendersonville/ Henderson Co. Div. 14 SS-4914DC	WBS 47337.3.1 US 25 Business (Asheville Hwy.) at the Ingles (#11) Gas Station Entrance/Exit. Initial construction funds are needed for installation of pedestrian signals, ramps, and crosswalks. File 14-17-200C	\$31,500.00
Hendersonville/ Henderson Co. Div. 14 SS-4914DC	WBS 47337.2.1 US 25 Business (Asheville Hwy.) at the Ingles (#11) Gas Station Entrance/Exit. Initial right of way and utilities funds are needed for installation of pedestrian signals, ramps, and crosswalks. File 14-17-200R	\$9,000.00
ITEM L SUMMARY	63 PROJECTS	\$3,353,535.26

June 1, 2017

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Hertford Co. R-5311A STATEWIDE	45449.3.3, NHF-0013(037) US 13 / NC 11 from west of Modlin Road to east of NC 11 / SR 1213 (Old NC 11 Road), construct grade separation at SR 1130 (Modlin Road) and interchange at Old NC 11 / SR 1213 (Old NC 11 Road). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 11, 2017. This is a Cash Flow project with \$6,800,000.00 in FY 17 and \$6,800,000.00 in FY 18.	\$13,600,000.00 \$10,880,000.00 \$2,720,000.00	Cost Fed. State

Safety

Camden Co. W-5601HW DIVISION	50138.3.232, HSIP-1224(007) SR 1224 (Old Swamp Road) between approximately 550 feet south of SR 1225 (Lilly Road) and approximately 1200 feet north of SR 1225 (Lilly Road). Funds are needed for construction for safety improvements.	\$20,000.00 \$18,000.00 \$2,000.00	Cost Fed. State
------------------------------------	---	--	-----------------------

Supportive Services Work Program

Pasquotank Co. M-0460AG EXEMPT	50084.1.11, NST-0NST(011) NSTI 2017-National Summer Transportation Institute - Elizabeth City State University Middle School Program. Funds are needed for Training.	\$52,193.00 \$52,193.00	Cost Fed.
---	---	----------------------------	--------------

Rural

Kill Devil Hills/ Dare Co. R-5014 DIVISION	41162.2.1, STP-1217(006) SR 1217 (Collington Road) from dead end to US 158 (Croatan Highway) in Kill Devil Hills. Funds are needed for full right of way and utilities.	\$1,325,000.00 \$1,060,000.00 \$265,000.00	Cost Fed. State
---	--	--	-----------------------

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Craven Co. R-5516 STATEWIDE	45492.3.1, NHS-0070(154) Interchange from US 70 to Slocum Road at the Cherry Point Military Base. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 11, 2017. This is a Strategic Transportation Investments Transition project.	\$19,600,000.00 \$15,680,000.00 \$3,920,000.00	Cost Fed. State

Bridge

Greene Co. B-4528 DIVISION	38402.3.1, BRZ-1149(018) Replace Bridge #25 over Tyson Marsh on SR 1149. Funds are needed for construction for bridge replacement.	\$800,000.00 \$640,000.00 \$160,000.00	Cost Fed. State
Greene Co. B-4530 DIVISION	38403.3.1, BRZ-1222(015) Replace Bridge #13 over Beaman Run on SR 1222. Funds are needed for construction for bridge replacement.	\$750,000.00 \$600,000.00 \$150,000.00	Cost Fed. State

Safety

Carteret Co. W-5702B DIVISION	44848.3.2, HSIP-1124(016) SR 1124 (Nine Mile Road) between SR 1125 (Lake Road) and SR 1195 (Bur Oak Road). Funds are needed for construction for safety improvements.	\$57,200.00 \$51,480.00 \$5,720.00	Cost Fed. State
-------------------------------------	--	--	-----------------------

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Pitt Co. W-5601CX DIVISION	50138.3.103, HSIP-1755(010) SR 1755 (Black Jack-Simpson Road) between 0.2 mile south and 0.35 mile north of SR 1761 (Beddard Road); and SR 1755 (Black Jack-Simpson Road) at SR 1774 (Mills Road). Funds are needed for construction for safety improvements.	\$610,000.00 \$549,000.00 \$61,000.00	Cost Fed. State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
New Hanover Co. U-5534C DIVISION	44096.2.F4, STPDA-0332(045) Greenville Avenue from SR 1141 (Wrightsville Avenue) to Hinton Avenue. \$28,822.00 has previously been approved for right of way and utilities. Additional funds are needed for additional appraisals.	\$12,500.00 Cost \$10,000.00 Fed. \$2,500.00 Local

Safety

New Hanover Co. W-5703C REGIONAL	44849.1.3, HSIP-0421(091) US 421 (Carolina Beach Road) between US 117 / NC 132 (College Road) and 200 feet north of Wiloughby Park Road. Funds are needed for preliminary engineering.	\$460,000.00 Cost \$414,000.00 Fed. \$46,000.00 State
Wilmington/ New Hanover Co. W-5703E STATEWIDE	44849.1.5, HSIP-0117(039) US 117 / NC132 (College Road) between Randall Parkway and 1000 feet south. Funds are needed for preliminary engineering.	\$5,250.00 Cost \$4,725.00 Fed. \$525.00 State
Wilmington/ New Hanover Co. W-5703F STATEWIDE	44849.1.6, HSIP-0076(014) US 76 (Oleander Drive) and SR 1209 (Independence Boulevard). Funds are needed for preliminary engineering.	\$17,500.00 Cost \$15,750.00 Fed. \$1,750.00 State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Jacksonville/ Onslow Co. W-5703D STATEWIDE	44849.1.4, HSIP-0024(084) NC 24 (Lejeune Boulevard) at the intersections of SR 1829 (Hunters Trail) and Butler Drive. Funds are needed for preliminary engineering.	\$160,400.00 \$144,360.00 \$16,040.00	Cost Fed. State
Jacksonville/ Onslow Co. W-5703G REGIONAL	44849.1.7, HSIP-0053(021) NC 53 (Western Boulevard) and SR 2715 (Trade Street) Funds are needed for preliminary engineering.	\$156,250.00 \$140,625.00 \$15,625.00	Cost Fed. State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Wake Co. U-5530MA DIVISION	44111.3.2, STPDA-0517(011) West side of Church Street from Morrisville-Carpenter Road to Jeremiah Street. \$174,900.00 has previously been approved for construction. Additional funds are needed to complete work.	\$124,750.00 \$62,375.00 \$62,375.00	Cost Fed. Local

Congestion Mitigation

Raleigh/ Wake Co. C-5604OD EXEMPT	43714.1.8, CMAQ-0520(057) Crabtree Creek West Greenway. Funds are needed for preliminary engineering.	\$5,000.00 \$1,700.00 \$3,300.00	Cost Fed. Local
--	--	--	-----------------------

Bridge

Wake Co. B-5121 REGIONAL	42263.2.1, BRNHS-0070(119) Replace Bridge #227 over Peace Street on US 70 (Combined with B-5317: Replace Bridge #213 on US 70 / NC 50 (Wade Avenue) over US 401 (Capital Boulevard)) in Raleigh. \$16,600,980.00 has previously been approved for right of way and utilities. Additional funds are requested to complete right of way purchases.	\$20,000,000.00 \$16,000,000.00 \$4,000,000.00	Cost Fed. State
--------------------------------	--	--	-----------------------

Safety

Durham Co. W-5601GD DIVISION	50138.3.187, HSIP-1361(010) SR 1361 (Vickers Avenue) at Lakewood Avenue. Funds are needed for construction for safety improvements.	\$40,000.00 \$36,000.00 \$4,000.00	Cost Fed. State
------------------------------------	--	--	-----------------------

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Durham Co. W-5601GG DIVISION	50138.3.190, HSIP-1327(005) SR 1327 (Gregson Street) at Main Street, Morgan Street and SR 1669 (Club Boulevard). Construction funds are needed for safety improvements.	\$63,000.00 \$56,700.00 \$6,300.00	Cost Fed. State
Durham Co. W-5601HX REGIONAL	50138.3.233, HSIP-0055(061) NC 55 at Allendown Drive. Construction funds are needed for safety improvements.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State
Durham Co. W-5601HY REGIONAL	50138.3.234, HSIP-0501(042) US 501 (Duke Street) at Stadium Drive. Funds are needed for construction for safety improvements.	\$55,000.00 \$49,500.00 \$5,500.00	Cost Fed. State

Bicycle and Pedestrian

Wake Co. U-5530OB DIVISION	44111.1.16, STPDA-0505(072) Leesville Road Safe Routes to School Pedestrian and Bicycle Improvements on streets adjacent to Leesville Road Schools Complex. Funds are needed for preliminary engineering.	\$5,000.00 \$4,000.00 \$1,000.00	Cost Fed. Local
----------------------------------	--	--	-----------------------

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Robeson Co.	35901.3.2, IMF-0095(048)	\$149,596.00	Cost
I-4413(L)	I-95 at US 301, Jackson Court to SR 1791, revise I-95	\$119,676.00	Fed.
STATEWIDE	interchange (exit 22). Funds are needed for construction for Landscaping.	\$29,920.00	State

Bridge

Harnett Co.	55042.3.1, BRZ-1516(003)	\$850,000.00	Cost
B-5412	Replace Bridge #7 over West Buies Creek on SR 1516.	\$680,000.00	Fed.
DIVISION	Construction funds are needed for bridge replacement.	\$170,000.00	State

Safety

Columbus Co.	50138.2.153, HSIP-0074(186)	\$200,000.00	Cost
W-5601EV	US 74 from SR 1824 (Water Tank Road) to just east of the	\$180,000.00	Fed.
STATEWIDE	Brunswick County Line. Funds are needed for full right of way and utilities.	\$20,000.00	State
Harnett Co.	50138.2.179, HSIP-0027(016)	\$50,000.00	Cost
W-5601FV	NC 27 at SR 1116 (Doc Road). Funds are needed for full right	\$45,000.00	Fed.
REGIONAL	of way and utilities.	\$5,000.00	State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Robeson Co. W-5601DF DIVISION	50138.3.111, HSIP-1709(003) SR 1709 (Chason Road) in Robeson County, from NC 71 to Hoke County Line; and SR 1440 (Everitte Road) from the Robeson County Line to SR 1003 (Arabia Road) in Hoke County. Construction funds are needed for safety improvements.	\$1,100,000.00 \$990,000.00 \$110,000.00	Cost Fed. State

**NCDOT June 2017 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-5954 STATEWIDE	45907.1.1, NHPIM-0040(066) I-40 / I-85 from east of NC 54 in Graham in Alamance County, to west of SR 1114 (Buckhorn Road) in Orange County. Funds are needed for preliminary engineering.	\$25,000.00 \$20,000.00 \$5,000.00	Cost Fed. State
Alamance Co. I-5956 STATEWIDE	45909.1.1, NHPIM-0040(067) I-40 / I-85 from east of SR 3056 (Rock Creek Dairy Road) in Guilford County, to west of SR 1226 (University Drive) in Alamance County. Funds are needed for preliminary engineering.	\$25,000.00 \$20,000.00 \$5,000.00	Cost Fed. State
Guilford Co. I-5953 STATEWIDE	45906.1.1, NHPIM-0785(002) I-785 / I-840 from I-85 to US 70. Funds are needed for preliminary engineering.	\$25,000.00 \$20,000.00 \$5,000.00	Cost Fed. State
Guilford Co. I-5953 STATEWIDE	45906.3.1, NHPIM-0785(002) I-785 / I-840 from I-85 to US 70. Construction funds are needed for pavement rehabilitation.	\$2,650,000.00 \$2,120,000.00 \$530,000.00	Cost Fed. State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Alamance Co. B-5349 DIVISION	46063.2.1, BRZ-1149(010) Replace Bridge #173 over Little Alamance Creek on SR 1149. Funds are needed for full right of way and utilities.	\$171,000.00 \$136,800.00 \$34,200.00	Cost Fed. State
Guilford Co. B-4960 DIVISION	40153.2.2, BRZ-3058(002) Replace Bridge #214 over Little Alamance Creek on SR 3058. Funds are needed for full right of way and utilities. This is a Strategic Transportation Investments Transition project.	\$850,000.00 \$680,000.00 \$170,000.00	Cost Fed. State

Safety

Guilford Co. W-5601GI DIVISION	50138.3.192, HSIP-1546(022) SR 1546 (Guilford College Road) at SR 1558 (Hickory Grove Road) and SR 1546 (Guilford College Road) at ramps to Wendover Avenue. Funds are needed for construction for safety improvements.	\$133,000.00 \$119,700.00 \$13,300.00	Cost Fed. State
Orange Co. W-5707A DIVISION	44853.3.1, HSIP-2048(007) SR 2048 (South Road) at Raleigh Street; SR 2048 (South Road) at Country Club Road, SR 1902 (Manning Drive) at Paul Hardin Drive, and SR 1902 (Manning Drive) at Ridge Road / Skipper Bowles Road. Funds are needed for construction for safety improvements.	\$80,000.00 \$72,000.00 \$8,000.00	Cost Fed. State

Supportive Services Work Program

Guilford Co. M-0460GA EXEMPT	50084.1.10, NST-0NST(010) NSTI 2017-National Summer Transportation Institute - A&T University. Funds are needed for Training.	\$60,000.00 \$60,000.00	Cost Fed.
------------------------------------	--	----------------------------	--------------

**NCDOT June 2017 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	
Chapel Hill/ Orange Co. U-4726II DIVISION	36268.3.28, STPDA-0537(005) Friday Center Drive from NC 54 (Raleigh Road) to the Southern entrance to the Friday Center. Construction funds are needed to add bike lanes.	\$565,000.00 \$452,000.00 \$113,000.00	Cost Fed. Local

**NCDOT June 2017 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.	45695.3.1, BRZ-2621(004)	\$997,000.00	Cost
B-5739	Replace Bridge #170 over Reed Creek on SR 2621.	\$797,600.00	Fed.
DIVISION	Construction funds are needed for bridge replacement.	\$199,400.00	State

June 1, 2017

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Rowan Co. C-5160 EXEMPT	46225.2.2, CMS-0914(031) Salisbury-Newsome Road. Funds are needed for full right of way and utilities.	\$130,000.00 \$104,000.00 \$26,000.00	Cost Fed. Local

Safety

Winston- Salem/ Forsyth Co. W-5709A STATEWIDE	44855.3.1, HSIP-0040(053) I-40 approaching US 52 Interchange at Exit 193 in Winston Salem. Funds are needed for construction for safety improvements.	\$125,000.00 \$112,500.00 \$12,500.00	Cost Fed. State
Rowan Co. W-5313 DIVISION	46136.3.3, STP-1221(015) SR 1221 (Old Beatty Ford Road) from SR 2335 (Lower Stone Church Road) to SR 1337 (Lentz Road). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 11, 2017.	\$9,100,000.00 \$8,190,000.00 \$910,000.00	Cost Fed. State

Rural

Davidson Co. R-5789 DIVISION	44919.1.1, TAP-0918(111) Various Division 9 Transportation Alternatives Program projects. Funds are needed for preliminary engineering.	\$50,000.00 \$40,000.00 \$10,000.00	Cost Fed. State
------------------------------------	--	---	-----------------------

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mecklenburg Co. I-5796 STATEWIDE	50440.1.1, NHPIM-0085(033) I-85 from 0.1 mile north of SR 5901 (Billy Graham Parkway) to 0.3 mile north of NC 16. Funds are needed for preliminary engineering.	\$525,000.00 \$420,000.00 \$105,000.00	Cost Fed. State

National Highway

Mecklenburg Co. I-5746B STATEWIDE	52024.3.3, NHPIM-0227(020) I-277 (Brookshire Freeway) east Stonewall Street to east 10th Street (Combined with I-5746A: I-277 (Brookshire Freeway) from I-77 to east Stonewall Street). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 11, 2017.	\$5,730,000.00 \$4,584,000.00 \$1,146,000.00	Cost Fed. State
Mecklenburg Co. R-2123CE(L) STATEWIDE	34379.3.33, NHF-0485(046) I-485 (Charlotte Eastern Outer Loop) / I-85. \$321,252.00 has previously been approved for construction. Additional funds are needed for Landscaping.	\$450,000.00 \$360,000.00 \$90,000.00	Cost Fed. State

Urban

Mecklenburg Co. U-0209B DIVISION	34749.3.GV4, NHFSTP-0074(137) US 74 (Independence Boulevard) from NC 24 / NC 27 (Albemarle Road) to Idlewild Road. Funds need to be decreased (\$3,552,476.00), funds are to be replaced with Mobility Funds, see Item V-1.	(\$3,552,476.00) (\$2,841,980.00) (\$710,496.00)	Cost Fed. State
Mecklenburg Co. U-5107 DIVISION	42369.1.1, HPP-1001(077) Construct Transportation Improvements at the Marion Diehl Center (Queens University). Funds are needed for preliminary engineering. This is a Strategic Transportation Investments Transition project.	\$5,000.00 \$4,000.00 \$1,000.00	Cost Fed. Local

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. B-5930 DIVISION	50151.1.1, BRSTP-1003(147) Replace Bridge #433 over McAlpine Creek on Sardis Lane. \$128,000.00 has previously been approved for preliminary engineering. Additional funds are needed due to increase in estimated cost.	\$96,247.00 Cost \$76,997.00 Fed. \$19,250.00 Local

Safety

Cabarrus Co. W-5601EB STATEWIDE	50138.3.129, HSIP-0049(035) NC 49 at SR 1157 (Old Charlotte Road) near Concord. Funds are needed for construction for safety improvements.	\$740,000.00 Cost \$666,000.00 Fed. \$74,000.00 State
Cabarrus Co. W-5710M REGIONAL	44856.1.13, HSIP-0003(103) NC 3 from SR 2635 (Old Airport / Union Street) to NC 73 (Corban Street). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Cabarrus Co. W-5710N REGIONAL	44856.1.14, HSIP-0049(037) NC 49 from SR 2421 (North Drive) in Cabarrus County through Stanly County to the Rowan County Line. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Huntersville/ Mecklenburg Co. SS-4910CR DIVISION	47345.1.1, HSIP-2136(007) SR 2136 (Gilead Road) between Bradford Hills Lane and Wynfield Creek Parkway in Huntersville. Funds are needed for preliminary engineering.	\$26,250.00 \$23,625.00 \$2,625.00	Cost Fed. State
Mecklenburg Co. W-5710O STATEWIDE	44856.1.15, HSIP-0485(047) I-485 Interchange with SR 1004 (Lawyers Road) near Charlotte. Funds are needed for preliminary engineering.	\$25,000.00 \$22,500.00 \$2,500.00	Cost Fed. State
Union Co. W-5710B STATEWIDE	44856.3.2, HSIP-0074(192) US 74 from a point just east of Old Pageland-Monroe Road eastward for approximately 0.64 mile. Funds are needed for construction for safety improvements.	\$1,132,000.00 \$1,018,800.00 \$113,200.00	Cost Fed. State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Surry Co. I-5829 STATEWIDE	53035.3.1, NHPIM-077(011) I-77 from SR 1122 (Dobbins Mill Road) to SR 1341 (White Dirt Road). Funds are needed for construction for pavement rehabilitation.	\$3,000,000.00 \$2,400,000.00 \$600,000.00	Cost Fed. State
Surry Co. I-5830 STATEWIDE	53036.3.1, NHPIM-0077(012) I-77 from 0.3 mile north of SR 1345 (Beulah Road) to I-74. Funds are needed for construction for pavement rehabilitation.	\$1,700,000.00 \$1,360,000.00 \$340,000.00	Cost Fed. State
Surry Co. I-5830 STATEWIDE	53036.1.1, NHPIM-0077(012) I-77 from 0.3 mile north of SR 1345 (Beulah Road) to I-74. Funds are needed for preliminary engineering.	\$50,000.00 \$40,000.00 \$10,000.00	Cost Fed. State
Surry Co. I-5862 STATEWIDE	53065.3.1, NHPIM-0074(199) I-74 from the Virginia State Line to I-77. Construction funds are needed for pavement rehabilitation.	\$3,400,000.00 \$2,720,000.00 \$680,000.00	Cost Fed. State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11 (Continued)

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Surry Co.	53066.1.1, NHPIM-0074(201)	\$50,000.00	Cost
I-5863	I-74 from 0.3 mile east of SR 2258 (Old 601) to 0.6 mile east of	\$40,000.00	Fed.
STATEWIDE	US 52. Funds are needed for preliminary engineering.	\$10,000.00	State
Surry Co.	53066.3.1, NHPIM-0074(201)	\$5,000,000.00	Cost
I-5863	I-74 from 0.3 mile east of SR 2258 (Old 601) to 0.6 mile east of	\$4,000,000.00	Fed.
STATEWIDE	US 52. Construction funds are needed for pavement rehabilitation.	\$1,000,000.00	State

Safety

Surry Co.	50138.3.35, HSIP-0601(022)	\$540,000.00	Cost
W-5601AH	US 601 at SR 1476 (Sunrise Avenue) and the entrance to	\$486,000.00	Fed.
REGIONAL	Temple Baptist Church. Construction funds are needed for safety improvements.	\$54,000.00	State

Rural

Caldwell Co.	45967.2.1, STBGDA-1115(026)	\$100,000.00	Cost
R-5805	Construct left turn lane at the intersection of Connelly Springs	\$80,000.00	Fed.
DIVISION	Road and Cajah's Mountain Road. Funds are needed for full right of way and utilities.	\$20,000.00	State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Caldwell Co. R-5805 DIVISION	45967.3.1, STBGDA-1115(026) Construct left turn lane at the intersection of Connelly Springs Road and Cajah's Mountain Road. Funds are needed for construction of left turn lane.	\$775,000.00 \$620,000.00 \$155,000.00	Cost Fed. State

Bicycle and Pedestrian

Watauga Co. EB-5612 DIVISION	56026.3.FD1, STPEB-1104(016) Boone Greenway from the south side of US 421 to the north side of US 421 at the New River. \$600,000.00 has previously been approved for construction. Additional funds are needed to cover a revision to a retaining wall. This is a Strategic Transportation Investments Transition project.	\$30,000.00 \$24,000.00 \$6,000.00	Cost Fed. State
------------------------------------	--	--	-----------------------

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. U-3633 REGIONAL	37649.3.3, STP-0273(001) NC 273 (South Main Street) from Tuckaseegee Road at Beatty Drive to Highland Street at A&E Drive. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 11, 2017. This is a Cash Flow project with \$7,050,000 in FY17 and \$7,050,000 in FY18.	\$14,100,000.00 Cost \$11,280,000.00 Fed. \$2,820,000.00 State

Congestion Mitigation

Mooresville/ Iredell Co. C-5200 EXEMPT	46251.3.1, CMS-1226(017) NC 115 and NC 150 in Mooresville, construct southbound NC 115 right turn lane at NC 150 westbound NC Shared Through-Right turn lane at NC 115. Construction funds are needed for turn lanes.	\$1,471,377.00 Cost \$1,118,246.00 Fed. \$353,131.00 Local
---	--	--

Safety

Catawba Co. W-5212M DIVISION	45342.3.13, HSIP-1005(035) SR 1005 (Startown Road) at SR 1165 (Settlemyre Bridge Road). Construction funds are needed for safety improvements.	\$300,000.00 Cost \$270,000.00 Fed. \$30,000.00 State
Gaston Co. W-5212N REGIONAL	45342.2.14, HSIP-0279(010) NC 279 from Camp Sertoma in Gaston County to SR 1438 (St. Mark's Church Road). Funds are needed for full right of way and utilities.	\$2,000,000.00 Cost \$1,800,000.00 Fed. \$200,000.00 State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Asheville/ Buncombe Co. U-5189 DIVISION	45250.3.1, STPDA-0025(026) US 25 from I-40 south to NC 146 (Long Shoals Road). \$2,479,064.00 has previously been approved for construction. Additional funds are needed to construct sidewalk and crossing improvements. This is a Strategic Transportation Investments Transition project.	\$820,936.00 Cost \$656,748.00 Fed. \$164,188.00 Local

Safety

Buncombe Co. W-5713K STATEWIDE	44861.3.11, HSIP-0026(011) I-26 Eastbound from I-40 Eastbound On-Ramp to a point just north of SR 3431 (Pond Road). Funds are needed for construction for safety improvements.	\$1,208,075.00 Cost \$1,087,267.00 Fed. \$120,808.00 State
Madison Co. W-5713G REGIONAL	44861.3.7, HSIP-0025(038) Guardrail end unit upgrades on US 25 - 70 Northbound. Funds are needed for construction for safety improvements.	\$213,000.00 Cost \$191,700.00 Fed. \$21,300.00 State
Madison Co. W-5713H REGIONAL	44861.3.8, HSIP-0025(039) Guardrail end unit upgrades on US 25 - 70 Northbound and Southbound. Funds are needed for construction for safety improvements.	\$221,000.00 Cost \$198,900.00 Fed. \$22,100.00 State
Madison Co. W-5713I REGIONAL	44861.3.9, HSIP-0025(040) Guardrail end unit upgrades on US 25 - 70 Southbound. Funds are needed for construction for safety improvements.	\$247,000.00 Cost \$222,300.00 Fed. \$24,700.00 State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Haywood Co.	44862.3.1, HSIP-0019(056)	\$25,000.00	Cost
W-5714A	US 19 / 23 (Carolina Boulevard) at Mulberry Street in Clyde.	\$22,500.00	Fed.
REGIONAL	Construction funds are needed for safety improvements.	\$2,500.00	State

Rural

Statewide	44910.3.4, TAP-1420(008)	\$150,000.00	Cost
R-5794B	ADA (Americans with Disabilities Act) Curb Ramps at various	\$120,000.00	Fed.
STATEWIDE	locations with a population of <5000. \$160,000.00 has previously been approved for construction. Additional funds are needed to install or upgrade ADA Ramps.	\$30,000.00	State
Statewide	44910.3.6, TAP-1420(010)	\$100,000.00	Cost
R-5794D	ADA (Americans with Disabilities Act) Curb Ramps at various	\$80,000.00	Fed.
DIVISION	locations with a population of >5000. \$100,000.00 has previously been approved for construction. Additional funds are needed to install or upgrade ADA Ramps.	\$20,000.00	State

**NCDOT June 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide M-0478D STATEWIDE	50141.1.4, OJT-00JT(021) On-The-Job Training – OJT using remaining FY 2016 Allocation. \$181,234.00 has previously been approved for On- The-Job Training. Additional funds are needed for Training.	\$300,000.00 \$300,000.00	Cost Fed.
Statewide NO ID STATEWIDE	47520.1.7, LTAP-FY17(002) Local Technical Assistance Program (LTAP) 2017. Funds are needed for preliminary engineering.	\$300,000.00 \$150,000.00 \$150,000.00	Cost Fed. Local

Supportive Services Work Program

Statewide M-0426B STATEWIDE	45122.1.4, PDT-000S(896) FY 2017 Office of Civil Rights (OCR) Professional Development Staff Training. Funds are needed for training.	\$2,200.00 \$2,200.00	Cost Fed.
Statewide M-0426C STATEWIDE	45122.1.5, PDT-000S(897) FY 2017 Budget Allocation for Legacy Leadership - Professional Development. Funds are needed for training.	\$720,556.00 \$720,556.00	Cost Fed.

ITEM M SUMMARY - 81 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$116,472,060.00

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

June 1, 2017

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

DIVISION 13

* U-6057 BURKE PROJ.CATEGORY EXEMPT	MORGANTON, SOUTH STERLING STREET TO WEST PARKER ROAD. CONSTRUCT CONNECTOR ROAD. <u>PROJECT ADDED AT THE REQUEST OF THE DIVISION.</u> <u>THIS IS AN APPALACHIAN REGIONAL COMMISSION</u> <u>(ARC) LOCAL ACCESS ROAD PROJECT.</u>	CONSTRUCTION	FY 2017 - <u>\$1,375,000</u> (APD) \$1,375,000
---	---	--------------	---

STIP MODIFICATIONS**DIVISION 1**

R-2582A NORTHAMPTON PROJ.CATEGORY DIVISION	US 158/NC 46, I-95/NC 46 IN ROANOKE RAPIDS TO SR 1312 (ST. JOHN CHURCH ROAD) IN NORTHAMPTON COUNTY. <u>ADD RIGHT-OF-WAY AND UTILITIES IN FY 17 WHICH</u> <u>WERE PREVIOUSLY SUSPENDED.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - \$13,550,000 (T) FY 2017 - \$440,000 (T) FY 2020 - \$13,500,000 (T) FY 2021 - \$13,500,000 (T) FY 2022 - \$13,500,000 (T) FY 2023 - <u>\$13,500,000</u> (T) \$67,990,000
--	--	---	--

R-5738 DARE PROJ.CATEGORY DIVISION	SR 1208 (WEST KITTY HAWK ROAD), SR 1210 (BOB PERRY ROAD) TO IVY LANE. UPGRADE FACILITY AND REPLACE BRIDGE 270040. <u>ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 18</u> <u>AND CONSTRUCTION FROM FY 21 TO FY 19 DUE TO</u> <u>AVAILABILITY OF FUNDING.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$100,000 (T) FY 2019 - <u>\$2,736,000</u> (T) \$2,836,000
--	---	------------------------------	--

R-5758 NORTHAMPTON PROJ.CATEGORY DIVISION	US 258, HALIFAX COUNTY LINE TO RICH SQUARE TOWN LIMITS. UPGRADE ROADWAY. <u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 18</u> <u>DUE TO AVAILABILITY OF FUNDING.</u>	CONSTRUCTION	FY 2018 - \$850,000 (T) FY 2019 - <u>\$850,000</u> (T) \$1,700,000
---	---	--------------	--

DIVISION 3

B-4637 SAMPSON PROJ.CATEGORY DIVISION	SR 1409 (OLD SALEMBURG ROAD), REPLACE BRIDGE 810326 AND BRIDGE 810327 OVER LITTLE COHARIE CREEK AND BRIDGE 810325 OVER LITTLE COHARIE CREEK OVERFLOW. <u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u>	CONSTRUCTION	FY 2017 - <u>\$1,550,000</u> (STPOFF) \$1,550,000
---	--	--------------	--

* INDICATES FEDERAL AMENDMENT

Thursday, June 01, 2017

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

DIVISION 5

B-4943 DURHAM	SR 1616 (BAHAMA ROAD), REPLACE BRIDGE 310020 OVER DIAL CREEK (LAKE MICHIE).	CONSTRUCTION	2017	\$1,450,000	(STPOFF)
				\$1,450,000	

PROJ.CATEGORY **ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17**
DIVISION **AT REQUEST OF OFFICE OF CHIEF ENGINEER.**

B-5326 WAKE	SR 2555 (RAYNOR ROAD), REPLACE BRIDGE 910247 OVER WHITE OAK CREEK IN GARNER.	RIGHT-OF-WAY	FY 2018 -	\$50,000	(STPOFF)
		CONSTRUCTION	FY 2019 -	\$525,000	(STPOFF)
				\$575,000	

PROJ.CATEGORY **TO ALLOW ADDITIONAL TIME FOR PLANNING AND**
DIVISION **DESIGN, DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18**
AND CONSTRUCTION FROM FY 18 TO FY 19

U-5501A WAKE	SR 1650 (REEDY CREEK ROAD), NORTH HARRISON AVENUE TO 600 FT. SOUTH OF WATTS POND LANE.	RIGHT-OF-WAY	FY 2017 -	\$540,000	(STBGDA)
			FY 2017 -	\$135,000	(L)
		UTILITIES	FY 2017 -	\$200,000	(STBGDA)
			FY 2017 -	\$50,000	(L)
		CONSTRUCTION	FY 2018 -	\$3,894,000	(STBGDA)
			FY 2018 -	\$973,000	(L)
				\$5,792,000	

PROJ.CATEGORY **ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17**
DIVISION **AT REQUEST OF TOWN OF CARY AND CAMPO.**

U-5501B WAKE	SR 1650 (REEDY CREEK ROAD), 600 FT. SOUTH OF WATTS POND LANE TO NE MAYNARD ROAD.	RIGHT-OF-WAY	FY 2017 -	\$484,000	(STBGDA)
			FY 2017 -	\$121,000	(L)
		UTILITIES	FY 2017 -	\$250,000	(L)
		CONSTRUCTION	FY 2019 -	\$6,293,000	(L)
				\$7,148,000	

PROJ.CATEGORY **ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17**
DIVISION **AT REQUEST OF TOWN OF CARY AND CAMPO.**

DIVISION 6

B-4738 CUMBERLAND	SR 1137 (CRYSTAL SPRINGS ROAD), REPLACE BRIDGE 250189 OVER BUCKHEAD CREEK.	RIGHT-OF-WAY	FY 2017 -	\$50,000	(STPOFF)
		CONSTRUCTION	FY 2017 -	\$700,000	(STPOFF)
				\$750,000	

PROJ.CATEGORY **ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17**
DIVISION **AND CONSTRUCTION FROM FY 19 TO FY 17.**

B-5332 COLUMBUS	SR 1005 (PEACOCK ROAD), REPLACE BRIDGE 230130 OVER CEDAR CREEK.	CONSTRUCTION	FY 2017 -	\$650,000	(STPOFF)
				\$650,000	

PROJ.CATEGORY **ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.**
DIVISION

* INDICATES FEDERAL AMENDMENT

Thursday, June 01, 2017

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

DIVISION 7

C-5555E	VARIOUS, SR 1546 (COLLEGE ROAD) AND SR 2179	RIGHT-OF-WAY	FY 2017 -	\$40,000	(CMAQ)
GUILFORD	(NEW GARDEN ROAD) IN GREENSBORO. CONSTRUCT		FY 2017 -	\$10,000	(L)
PROJ.CATEGORY	SIDEWALKS.	CONSTRUCTION	FY 2017 -	\$180,000	(CMAQ)
EXEMPT	<u>TO ALLOW CITY ADDITIONAL TIME FOR PLANNING</u>		FY 2017 -	\$45,000	(L)
	<u>AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 16 TO</u>				
	<u>FY 17.</u>			\$275,000	

DIVISION 9

C-5216	SR 3346 (SOUTH MAIN STREET), EXTEND SIDEWALKS	ENGINEERING	FY 2017 -	\$107,000	(CMAQ)
DAVIDSON	ON SOUTH MAIN STREET AND PROVIDE WIDE PAVED		FY 2017 -	\$27,000	(L)
PROJ.CATEGORY	SHOULDERS ON ANNA LEWIS DRIVE AND EMERGENCY	CONSTRUCTION	FY 2017 -	\$481,000	(CMAQ)
EXEMPT	DRIVE TO PROVIDE BICYCLE ACCESS TO LEXINGTON		FY 2017 -	\$120,000	(L)
	MEMORIAL HOSPITAL IN LEXINGTON.			\$735,000	
	<u>PENDING REQUEST FROM CITY FOR MUNICIPAL</u>				
	<u>AGREEMENT, DELAY ENGINEERING AND</u>				
	<u>CONSTRUCTION FROM FY 16 TO FY 17.</u>				

C-5217	VARIOUS, BIKE AND PEDESTRIAN IMPROVEMENTS IN	CONSTRUCTION	FY 2017 -	\$152,000	(CMAQ)
DAVIDSON	VICINITY OF SCHOOL. BISECKER AND MIZE ROADS,		FY 2017 -	\$38,000	(L)
PROJ.CATEGORY	PROVIDE WIDE PAVED SHOULDERS AND CONSTRUCT			\$190,000	
EXEMPT	SIDE-WALKS ON CORNELIA STREET AND HILLSIDE				
	DRIVE IN LEXINGTON.				
	<u>PENDING REQUEST FROM CITY FOR MUNICIPAL</u>				
	<u>AGREEMENT, DELAY CONSTRUCTION FROM FY 16 TO</u>				
	<u>FY 17.</u>				

EB-4020C	BRUSHY FORK GREENWAY, LOWERY STREET TO	RIGHT-OF-WAY	FY 2018 -	\$20,000	(STBGDA)
FORSYTH	REYNOLDS PARK ROAD		FY 2018 -	\$5,000	(L)
PROJ.CATEGORY	<u>TO REFLECT CITY'S CURRENT DELIVERY SCHEDULE,</u>	CONSTRUCTION	FY 2018 -	\$700,000	(STBGDA)
TRANSITION	<u>DELAY RIGHT OF WAY AND CONSTRUCTION FROM FY</u>		FY 2018 -	\$300,000	(STPEB)
	<u>17 TO FY 18.</u>		FY 2018 -	\$175,000	(L)
				\$1,200,000	

* U-5539A	US 311; SR 4394 (MARTIN LUTHER KING, JR.	RIGHT-OF-WAY	FY 2019 -	\$120,000	(STPDA)
FORSYTH	BOULEVARD), US 158 / US 421 / NC 150 / BUSINESS 40		FY 2019 -	\$30,000	(L)
PROJ.CATEGORY	TO US 52 / NC 8 IN WINSTON-SALEM. STREETSCAPE	CONSTRUCTION	FY 2020 -	\$2,192,000	(STPDA)
DIVISION	IMPROVEMENTS.		FY 2020 -	\$548,000	(L)
	<u>TO REFLECT CITY'S CURRENT DELIVERY SCHEDULE,</u>			\$2,890,000	
	<u>DELAY RIGHT OF WAY FROM FY 17 TO FY 19 AND</u>				
	<u>CONSTRUCTION FROM FY 17 TO FY 20.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, June 01, 2017

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

DIVISION 11

I-5830	I-77, MILEMARKER 99 TO I-74. PAVEMENT	CONSTRUCTION	FY 2017 -	<u>\$3,600,000</u>	(NHPIM)
SURRY	REHABILITATION.			\$3,600,000	

PROJ.CATEGORY **CONSTRUCTION ACCELERATED FROM FY 19 TO FY 17**
STATEWIDE **AT THE REQUEST OF THE DIVISION.**

R-5745	US 64/NC 90/NC 18 (WILKESBORO BLVD),	CONSTRUCTION	FY 2017 -	<u>\$190,000</u>	(T)
CALDWELL	INTERSECTION OF US 64/NC 90/NC 18 (WILKESBORO			\$190,000	

PROJ.CATEGORY **CONSTRUCTION ACCELERATED FROM FY 18 TO FY 17**
DIVISION **AT THE REQUEST OF THE DIVISION.**

ITEM N SUMMARY

ADDITION S	1 PROJECTS	\$1,375,000
MODIFICATION S	17 PROJECTS	
	18 PROJECTS	\$1,375,000

* INDICATES FEDERAL AMENDMENT

Thursday, June 01, 2017

NCDOT June 1, 2017 Board of Transportation Agenda

SUMMARY: There are a total of 28 agreements for approval by the Board of Transportation.

Statewide

North Carolina Department of
Information Technology
Center for Geographic
Information and Analysis (CGIA)

This Agreement is to provide Orthoimagery Advisory and Technical Services to the CGIA for the Digital Piedmont 2018 Project in 26 counties. The Agency shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost of the Department's work is \$149,810.

North Carolina Wildlife
Resources Commission (WRC)

This is a Reimbursement Agreement with WRC to continue funding two (2) positions in the Division of Inland Fisheries over a period of five (5) years. These positions are needed to support project development and review of Department projects across the state. The Department shall reimburse WRC an amount not to exceed \$975,000 for the five (5) year period. This Agenda Item supersedes the item that was approved by the BOT on May 4, 2017.

Division 1

Town of Southern Shores
Dare County
44788

This Project consists of drainage improvements at the intersection of NC 12 and Dogwood Trail. The Municipality is responsible for all phases of the Project. This Supplemental Agreement is to increase funding. The Department's original participation was \$150,000. The Department shall participate in an additional amount not to exceed \$100,000 in Contingency funds.

County of Tyrrell
1B.208911
44436

This Project consists of designing a storm drainage system for the vicinity of SR 1209 (North Road Street) and North Boundary Canal in the Town of Columbia. The County is responsible for all phases of the Project. This Supplemental Agreement is to amend the Project scope to include additional construction work and to increase funding. The Department's original participation was \$39,100. The Department shall participate in an additional amount not to exceed \$305,000.

NCDOT June 1, 2017 Board of Transportation Agenda

Division 3

Town of Navassa
Brunswick County
U-5534 U
44096.1.23
44096.2.23
44096.3.23

This Project consists of the design and construction of bike lanes on both sides of Brooklyn Street beginning at Water Street, a multi-use path connecting Brooklyn Street to the Navassa park, and a multi-use path through Navassa Park forming a loop within the park. The Municipality shall be responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$585,442. The Municipality will be responsible for providing the 20% (\$146,360) non-federal match for the STP-DA funds authorized and all costs that exceed the total available funding.

Town of Carolina Beach
New Hanover County
U-5534 E
44096.1.6
44096.2.6
44096.3.6

This Project consists of design and construction of a multi-use path from Mike Chappell Park to Greenville Avenue, and the Harper Avenue bike lanes on each side of Harper Avenue from Dow Road to Lake Park Boulevard. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$140,843. The Department agrees to reimburse the Municipality an additional \$220,295 in STBG-DA funds. The Municipality's original participation was \$35,211. The Municipality will provide an additional \$55,074 as their local match, and all costs that exceed the total available funding.

Horry County
South Carolina Department of
Transportation (SCDOT)
Brunswick County
44604

This Project consists of a project development studies for the proposed Carolina Bays Parkway Extension extending from SC-31 (Carolina Bays Parkway) at SC-9 in Horry County, South Carolina to US 17 at NC 904 in Brunswick County, North Carolina. The Department shall participate in the actual costs of the Project in an amount not to exceed \$900,000 (60%). The SCDOT shall be responsible for actual cost in the amount of \$600,000 (40%) as agreed upon between the Department, Horry County and SCDOT.

North Carolina State Port
Authority (NCSPA)
Wilmington Terminal Railway
(WTRY)
New Hanover County
80000.1.4.36

This Rail Agreement is for the approval of Freight Rail & Rail Crossing Safety Improvement funds to assist NCSPA and WTRY to upgrade 4400 track feet on Track 13 to include rail, tie, and turnout replacements, including surfacing and construction of 9600 track feet of additional storage tracks. WTRY will perform the work. The Department will participate in the project cost in an amount not to exceed \$743,512.50. All other costs will be paid by NCSPA and WTRY. The estimated cost of the project is \$1,487,000.

NCDOT June 1, 2017 Board of Transportation Agenda

Division 4

City of Goldsboro
Wayne County
EB-5707
50403.1.1
50403.3.1

This Project consists of construction of a 10-foot wide greenway beginning approximately 160 feet north of Royall Avenue and proceeding approximately 1,604 linear feet along Stoney Creek to the Quail Park parking lot. The Municipality shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$187,500 from Safe Routes to School funds. Costs that exceed this amount shall be borne by the Municipality.

City of Rocky Mount
Edgecombe County
U-4762
39930.3.2

This Project consists of roadway improvements on SR 1250 (Springfield Road) from US 64 Alternate to SR 1243 (Leggett 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 sidewalk along the west side of Springfield Road. The Municipality shall reimburse the Department 40% (\$45,500) of the actual cost of the work. The estimated cost of the project is \$113,750.

Division 5

City of Raleigh
Wake County
44092

The Board has previously approved a Rail Agreement for the Raleigh Union Station (RUS) and associated track work at CP Boylan covering the funding commitments of both the Department and City of Raleigh. This Supplemental Amendment 3 to the RUS municipal agreement allows for the Municipality to invoice the Department \$3,650,000 for eligible work, to insure that the Department fully utilizes all of the available ARRA funds, not exceeding the limit of \$15,000,000. The Amendment will also authorize an additional amount up to \$1,000,000 to cover work including right of way settlements related to trackwork at Boylan in accordance with the revised project budget. The Department state-funded participation in the cost of the design and construction of RUS remains at \$9,000,000 as previously approved in the original project scope.

NCDOT June 1, 2017 Board of Transportation Agenda

Division 5 con't.

Town of Wake Forest
Wake County
B-5318
46032.1.1

This Project consists of the replacement of Bridge No. 126 over Smith Creek on SR 2044 (Ligon Mill Road) in Wake Forest. At the request of the Municipality, additional work and betterments to be included within the scope of the Project shall include raising the grade and lengthening the Bridge to accommodate a planned greenway, constructing a portion of the greenway directly underneath the Bridge, and the construction of sidewalk. The Department is responsible for all phases of the work. The Municipality shall participate in 30% of the Betterment costs. The total estimated cost to the Municipality is \$73,000.

Division 6

Fayetteville Area Metropolitan
Planning Organization
Bladen, Cumberland, Harnett,
Hoke, Robeson, Sampson and
Scotland Counties
41794.13

This Project consists of the development of a regional bicycle plan for the seven-county region of Bladen, Cumberland, Harnett, Hoke, Robeson, Sampson and Scotland that is served by the Fayetteville Area Metropolitan Planning Organization. The Agency is responsible for all phases of the work. The Department will participate up to \$225,000 in State funds. The Agency shall be responsible for all costs that exceed this amount.

Division 7

City of Greensboro
Guilford County
17BP.7.R.86

This Project consists of replacement of Bridge 400207 on SR 2808 in in Greensboro. At the request of the Municipality, the Department shall include provisions in the construction contract to adjust and relocate municipally-owned water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$47,420.

City of Greensboro
Guilford County
EB-5883
47279.1.1

This Project consists of construction of sidewalks and compliant ADA ramps along both sides of Wendover Avenue including short sections along intersecting streets from Grecale Street to North Church Street and Summit Avenue to US 29 in Greensboro. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of eligible expenses incurred by the Municipality, up to \$1,114,670 in TAP funds. The Municipality shall provide the non-federal match of 20% (\$278,668) and all costs that exceed the total available funding.

NCDOT June 1, 2017 Board of Transportation Agenda

Division 9

Norfolk Southern Railway (NSR)
North Carolina Railroad
Company (NCRR)
Rowan and Cabarrus Counties
40325.1.46
Y-4810K

This Rail Agreement is for the construction of a grade separation over the tracks owned by NCRR, and operated by NSR, on the proposed new location of SR 1625/1766, and Rogers Lake Road in Kannapolis. The Department will perform all specified work in connection with the construction of the overhead roadway grade separation crossing. The Department will also construct the appurtenant works and other related facilities across NCRR's Corridor, property and right-of-way, tracks and other facilities. The estimated cost of the project is \$18,426,500.

City of Kannapolis
Rowan and Cabarrus Counties
40325.1.46
Y-4810K

This Rail Agreement is for the re-alignment of SR 1625/1766 and Rogers Lake Road, and the construction of a two lane grade separation highway bridge over the NCRR/NSR line in order to replace the existing at-grade crossing at Rogers Lake Road. The Department will prepare the plans, acquire the right of way, relocate the utilities, and construct the project. At the request of the Municipality, the Department, subject to a separate utility agreement, will include the relocation of municipally-owned utilities in its construction contract. The estimated cost of the project is \$18,426,500.

Norfolk Southern Railway (NSR)
North Carolina Railroad
Company (NCRR)
Rowan and Cabarrus Counties
40325.1.46
Y-4810K

This Rail Agreement is for the permanent closure of the at-grade highway-railroad crossing at SR 1625/1766 and Rogers Lake Road. The Department will perform all specified work not on railroad right-of-way. NSR will perform all work within their right-of-way. NSR will reimburse the Department \$51,000 towards the project costs. The estimated cost of the project is \$18,426,500.

Town of Cooleemee
Davie County
44498

This Project consists of the installation of curb and gutter and drainage improvements on the north side of Marginal Street (SR 1116) between Rocky Hill Trail and Ruffin Street in Cooleemee. This Supplemental Agreement is to increase the Department's funding with an additional \$20,000 of Small Construction funds.

NCDOT June 1, 2017 Board of Transportation Agenda

Division 10

Town of Cornelius
Mecklenburg County
U-5906
46451.1.1
46451.2.1
46451.3.1

This Project consists of intersection improvements with the Department's Preferred Alternative Design for the intersection improvements at SR 2195 (Torrence Chapel Road) and SR 5544 (West Catawba Avenue). The Department shall prepare the planning document, Project plans and specifications, acquire any needed right of way, relocate and adjust utilities and construct the Project. The Municipality shall relocate and adjust any municipally-owned utilities and any utilities under franchise. The estimated cost of the project is \$5,000,000. Costs which exceed the Department's funding shall be borne by the Municipality.

City of Concord
Cabarrus County
U-5806
44378.3.1

This Project consists of intersection improvements at SR 2894 (Concord Mills Boulevard) and Entrance No. 1 Kings Grant Pavilion. The Department shall prepare the planning document, Project plans and specifications, acquire any needed right of way, relocate and adjust utilities and construct the Project. The Municipality shall relocate and adjust any municipally-owned utilities and any utilities under franchise.

Premier Parking (Lessee)
Mecklenburg County
32213

This Rail Agreement is for a Lease Agreement to use the Lessor's property at 604 S. Cedar Street in Uptown Charlotte for commercial parking purposes. The Lease Agreement includes the terms and conditions by which the Lessee will occupy and operate the real property. The Lessee will pay the Department an initial monthly lease amount of \$18,301 per month for the duration of the Lease with an escalation provision upon lease renewal.

Division 12

City of Gastonia
Gaston County
EB-5701
51047.1.1
51047.2.1
51047.3.1

This Project consists of a pedestrian bridge over Duharts Creek, a flood study, and 1.5 miles of sidewalk connections from Duharts Creek to the City Limits and along the north side of US 29/74(Franklin Blvd, SR 2200). The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the TAP funds allocation, not to exceed \$991,000. The Municipality will be responsible for providing the 20% (\$248,000) non-federal match for the TAP funds authorized and all costs that exceed the total available funding. This Agenda Item supersedes the item that was approved by the BOT on May 4, 2017.

NCDOT June 1, 2017 Board of Transportation Agenda

Division 12, con't.

Norfolk Southern Railway (NSR)
TAC Stafford, LLC (Developer)
Iredell County

This Rail Agreement is for NSR work, including preliminary engineering and flagging, within the operating railroad right-of-way on (NC 115 from +/- milepost O24.40 to +/- milepost O24.62). The Department will submit a project to the Railroad on behalf of the Developer for the construction and improvement of (NC 115, Langtree Road) in Mooresville. This is a Developer project on the State maintained road system. There will be no cost to the Department.

Division 13

Craggy Mountain Railroad
(CMR)
Buncombe County

This Master Rail Agreement details the terms and conditions by which the Department and CMR will perform improvements upon roads and streets located within the operating right-of-way owned by CMR. The projects may include, but not be limited to, improvements to railroad at-grade crossings, or to roads and streets encroaching into the railroad right-of-way. Project costs to the Department will be determined on a project by project basis.

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

This Project consists of the widening of I-26 from NC 146, Long Shoals Road (Exit 37) to I-40 in Buncombe County. This agreement provides for continuing work on the preliminary design and environmental documentation to be performed by the EFL in coordination with FHWA and the Department to obtain the NPS Design Advisory Board approval and to meet NEPA and NPS compliance for the Blue Ridge Parkway bridge replacement over I-26, near Milepost 36, in Buncombe County. This Agreement is to provide additional \$300,000 in funding needed to continue work on the preliminary design. The Department shall provide 80% of the costs in Federal National Highway Performance Program (NHPP) Funds with 20% in State Matching Funds.

NCDOT June 1, 2017 Board of Transportation Agenda

Division 14

Town of Franklin
Macon County
EB-5756
50433.1.1

This Project consists of construction of missing sections of sidewalk along west side and new sidewalk along the east side of SR 1729 (Depot Street) from US 441 Business (East Main Street) to SR 1667 (Wayah Street). The Department is responsible for all phases of the project. The Municipality shall participate in 20% of the project costs in the amount of \$58,200 and all costs that exceed the total estimated costs of \$294,000. This agenda item supersedes the item that was approved by the BOT on April 6, 2017.

NCDOT June 1, 2017 Board of Transportation Agenda

SUMMARY: There are a total of 17 agreements for informational purposes only.

Division 3

Town of Southport
Brunswick County
36249.3791

This Project consists of design, fabrication, and installation of a "Welcome to Southport" sign on NC 211 (Moore Street) south of Ferry Road. The Entity shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$1,000.

Division 4

City of Rocky Mount
Nash County
4.106412

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

Division 5

Wake County Board of
Education
Wake County
36249.3786

This Project consists of the modification of the traffic signal at SR 1115 (Avent Ferry Road) at SR 1116 (Cass Holt 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 all work performed by the Department. The estimated cost is \$5,000.

Town of Garner
Wake County
36249.3787

This Project consists of the installation of a new traffic signal at US 70 and New Rand Road in Garner. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$5,000.

Tinton LLC
Wake County
36249.3788

This Project consists of the upgrade at the traffic signal at NC 55 and Green Level West Road/High House 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 all work performed by the Department. The estimated cost is \$5,000.

NCDOT June 1, 2017 Board of Transportation Agenda

Division 6

City of Fayetteville
Cumberland County
W-5601DE
50138.3.110

The Project consists of Pedestrian Safety Improvements on Cumberland Road (SR1141) from Ireland Drive (SR1219) to Boone Trail (SR1149) including sidewalk, crosswalks and pedestrian signals. The Department shall be responsible for all phases of the project. The Municipality shall maintain the sidewalk upon completion of the work.

Division 7

Chapel Hill-Carrboro City
Schools
Orange County
36249.3782

This Project consists of a traffic signal installation at the intersection of South Merritt Mill Road and NC 54 Westbound Exit Ramp. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer will reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$5,000.

Division 8

City of Sanford
Lee County
3608.3.FD14

This Project consist of construction of concrete sidewalk along SR 1119 (Woodland Avenue) and SR 1122 (Courtland Avenue) in Sanford. This Supplemental Agreement is to extend the completion date of the Project to December 16, 2017 in lieu of August 26, 2016.

Division 9

North Carolina Department of
Natural and Cultural Resources
Rowan County
36249.3784

This Project consists of repairs to the NC Transportation Museum parking lot in Rowan County. The Department is responsible for all phases of the work. The Agency shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$35,000.

Forsyth County Board of
Education
Forsyth County
36429.3789

This Project consists of crack sealing and pavement seal work on various elementary and middle school parking lots (Lewisville, Cash, South Fork, Southwest, Union Cross, Kernersville, and East Middle Schools) in Forsyth County. The Department shall be responsible for all phases of the project. The County shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$217,000.

NCDOT June 1, 2017 Board of Transportation Agenda

Division 9, con't.

Forsyth County Board of
Education
Forsyth County
36429.3790

This Project consists of crack sealing and pavement seal work on various high school parking lots (Parkland and Atkins) in Forsyth County. The Department shall be responsible for all phases of the project. The County shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$58,000.

Food Lion LLC
Rowan County
I-3802 B
36780.3.GV3

This Design Build Project is for improvements on I-85 at Exit 68 in Rowan County. This Agreement is for additional construction in conjunction with the Project at the request of the Developer. The additional work will be installation of drainage and a waterline for the infrastructure needed to serve a future Food Lion store. The Developer shall pay the Department one lump sum payment of \$86,920.38 upon execution of this Agreement by the Developer. The agreed price includes all necessary items including but not limited to materials, testing, design, traffic control, and roadway repairs to complete the work. Both parties understand that there will be no adjustment to the funds based on the actual cost.

Division 10

Cabarrus County Convention
Center and Visitors Bureau
Cabarrus County
36249.3785

This Project consists of the design, fabrication and installation of ground-mounted Type A signs on I-485 prior to Exit 33 (NC 49) and Type D signs on the exit ramps for Cabarrus Arena. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$15,955.

City of Concord
Cabarrus County
U-5806
44378.3.1

This Project consists of intersection improvements at SR 2894 (Concord Mills Boulevard) and Entrance No. 1 Kings Grant Pavilion. The Department shall prepare the planning document, Project plans and specifications, acquire any needed right of way, relocate and adjust utilities and construct the Project. The Municipality shall relocate and adjust any municipally-owned utilities and any utilities under franchise.

NCDOT June 1, 2017 Board of Transportation Agenda

Division 11

Town of Sawmills
Caldwell County
11.101415

This Agreement is to provide “routine” and/or “clean up” mowing of the State maintained roadways within the corporate limits of the Town of Sawmills. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall pay the Municipality up to \$3,358 for the yearly mowing cycle.

Town of Boone
Watauga County
36249.3793

This Project consists of the installation of pedestrian signals at the intersections of US 321/421 (King Street) at Appalachian Street; and US 221/421 (King Street) at Grove Street/Old East King Street in Boone. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department 100% of the cost of the work performed by the Department. The estimated reimbursement from the Municipality is \$51,000.

Division 12

Town of Mooresville
Iredell County

This Supplemental Agreement allows the Department to turn over ownership and maintenance of existing water and sewer facilities serving the I-77 rest areas to the Municipality for their use, in anticipation of the rest areas being decommissioned in the future.

NCDOT June 2017 Board of Transportation Agenda

Approval of Municipal Street System Changes

There will be no municipal street system changes presented for approval at the June 2017 Board meeting.

NCDOT June 2017 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1 – R-3
2	Final Right of Way Plans	R-4 & R-5
3	Revisions of Final Right of Way Plans	R-6 & R-7
4	Approval of Conveyance of Highway Right of Way Residues	R-8
5	Approval of Conveyance of Surplus Highway Right of Way	R-9
6	Approval of Revision in Control of Access	R-10
7	Advance Acquisition of Highway Right of Way	R-11
8	Authorization to Condemn Right of Way for Secondary Road Project	R-12 & R-13

Preliminary Right of Way Plans

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

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

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

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

(Division 1)

Hertford County; I.D. No. B-5609; Project No. 45564.2.1:
Bridge No. 28 over Cutawhiskie Swamp on SR 1137

Hyde County; I.D. No. B-5602; Project No. 45557.2.1:
Bridge No. 8 over Burgess Mill Creek on US 264

Perquimans County; I.D. No. R-5716; Project No. 50212.2.1:
SR 1300 (New Hope Road) from SR 1301 (Old Neck Road) to SR 1302 (Union Hall Road)

Washington County; I.D. No. B-5601; Project No. 45556.2.1:
Bridge No. 11 over Mackeys Creek on NC 308

(Division 2)

Beaufort County; I.D. No. B-5302; Project No. 46016.2.1:
Bridge No. 3 over the Norfolk Southern Railroad on US 17

(Division 3)

Pender County; I.D. No. U-5732A; Project No. 54023.2.2:
Dan Owen Drive – from SR 1570 (Factory Road) to Dan Owen Drive

Preliminary Right of Way Plans (continued)

(Division 5)

Granville County; I.D. No. B-5682; Project No. 45637.2.1:
Bridge No. 129 over Beech Creek on SR 1400 (Grassy Creek – Virgilina Road)

Wake County; I.D. No. P-5500; Project No. 44092.STI.2.1200:
Raleigh Union Station

Franklin County; I.D. No. B-4750; Project No. 38522.2.1:
Bridge No. 90 over Norris Creek on SR 1719 (Brannon Road)

(Division 6)

Robeson County; I.D. No. R-5848; Project No. 46958.2.1:
NC 20 from West of SR 1829 (Nash Road) to West of SR 1732 (Veteran Road)

Robeson County; I.D. No. U-5925; Project No. 46874.2.1:
SR 1340 (North Odum Street/Prospect Street) from SR 1566 (Corinth Street) to NC 711 (Third Street)

Harnett County; I.D. No. W-5601FV; Project No. 50138.2.179:
NC 27 at SR 1116 (Doc Road)

Robeson County; I.D. No. R-5722; Project No. 53088.2.1:
US 74 at SR 2220 (Broadbridge Road)

(Division 7)

Rockingham County; I.D. No. B-4802; Project No. 38572.2.1:
Bridge No. 18 over Haw River on SR 1002

Rockingham County; I.D. No. B-4624; Project No. 38441.2.1:
Bridge No. 80 over Wolf Island Creek on SR 1929

(Division 8)

Hoke County; I.D. No. B-4550; Project No. 33763.2.1:
Bridge No. 41 and 42 over Rockfish Creek on SR 1432

(Division 9)

Rowan County; I.D. No. U-5820A; Project No. 44392.2.1:
New Route – from SR 2579 (Bendix Drive) to SR 1006 (Faith Road)

(Division 10)

Cabarrus County; I.D. No. W-5601HQ; Project No. 50138.2.226:
NC 3 and SR 1601 (Odell School Road), Safety Improvements

Stanly County; I.D. No. R-2530B; Project No. 34446.2.5:
NC 24-27 from Bird Road in Albemarle to West of the Pee Dee River

Mecklenburg County; I.D. No. W-5601FJ; Project No. 50138.2.167:
NC 73 (Davidson Concord Road) and SR 2427 (Ramah Church Road) near Huntersville

Preliminary Right of Way Plans (continued)

(Division 13)

Buncombe County; I.D. No. U-5019C; Project No. 41503.2.3:
Construct Wilma Diveman Riverway – Radtip and Five Points Roundabout

Burke County; I.D. No. B-4448; Project No. 38372.2.1:
Bridge No. 149 and 150 over SR 1744 on I-40

Buncombe County; I.D. No. B-5400; Project No. 46115.2.1:
Bridge No. 259 over South Hominy Creek on SR 3466

(Division 14)

Macon County; I.D. No. U-5604; Project No. 45832.2.1:
US 441 Business from US 23/US 64/US 441 in Porter Street

Clay County; I.D. No. R-5743; Project No. 46325.2.1:
NC 175 from Georgia State Line to US 64

Henderson County; I.D. No. U-5840; Project No. 50231.2.1:
SR 1545 (Old Airport Road) from US 25 to Miles Gap Road

Final Right of Way Plans

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

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

(Division 1)**Project No. 45449.2.FS1; Hertford County; I.D. No. R-5311A:**

Grading, drainage, paving and structures on US 13/NC 11 from West of Modlin Road to East of NC 11/SR 1213 (Old NC 11 Road). Construct grade separation at SR 1130 (Modlin Road) and interchange at Old NC 11/SR 1213 (Old NC 11 Road) with the right of way indicated upon the final plans for said project.

(Division 2)**Project No. 45492.2.1; Craven County; I.D. No. R-5516:**

Grading, paving, drainage, culvert, structure and signals on Interchange from US 70 to Slocum Road at the Cherry Point Military Base with the right of way indicated upon the final plans for said project.

Project No. 38426.2.1; Pamlico County; I.D. No. B-4598:

Grading, drainage, paving and structure on Bridge No. 16 over Mason Creek on SR 1324 with the right of way indicated upon the final plans for said project.

(Division 4)**Project No. 50473.2.1; Wayne County; I.D. No. R-5719:**

Grading, drainage, paving, structures and construct interchanges on US 117 at SR 1135 (Country Club Road) with the right of way indicated upon the final plans for said project.

Project No. 54039.2.1; Wayne County; I.D. No. U-5796:

Grading, drainage, paving, structures and construct interchanges on US 117 at SR 1120 (O'Berry Road) with the right of way indicated upon the final plans for said project.

(Division 4) (continued)

Project No. 34964.3.2; Nash County; I.D. No. U-3621A:

Grading, drainage, paving and signals on SR 1604 (Hunter Hill Road) from SR 1613 (North Winstead Avenue) on SR 1616 (Country Club Road) with the right of way indicated upon the final plans for said project.

(Division 6)

Project No. 33798.2.1; Robeson County; I.D. No. B-4616:

Grading, drainage, paving and structure on Bridge No. 18 over CSX Railroad on NC 211 with the right of way indicated upon the final plans for said project.

(Division 7)

Project No. 46059.2.1; Guilford County; I.D. No. B-5345:

Grading, drainage, paving and structure on Bridge No. 456 over Brush Creek on SR 2136 (Fleming Road) with the right of way indicated upon the final plans for said project.

(Division 9)

Project No. 46136.2.FD1; Rowan County; I.D. No. W-5313:

Grading, drainage, paving, signal and culverts on SR 1221 (Old Beatty Ford Road) from SR 1337 (Lentz Road) to SR 2335 (Lower Stone Church Road) with the right of way indicated upon the final plans for said project.

Project No. 42341.2.1; Davidson County; I.D. No. B-5165:

Grading, drainage, paving and structure on Bridge No. 42 over Muddy Creek on SR 1485 with the right of way indicated upon the final plans for said project.

(Division 12)

Project No. 37649.2.FR1; Gaston County; I.D. No. U-3633:

Grading, drainage, paving, culvert and signals in Mount Holly – NC 273 (South Main Street) from Tuckasee Road at Beatty Drive to Highland Street at (A & E Drive) with the right of way indicated upon the final plans for said project.

(Division 13)

Project No. 38371.2.1; Burke County; I.D. No. B-4447:

Grading, drainage, paving, culvert and structures on Bridge No. 160 and 162 over SR 1758 (Berea Church Road) on I-40 with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 42334.2.1; Jackson County; I.D. No. B-5159:

Grading, drainage, paving and structure on Bridge No. 101 over Caney Fork on SR 1740 with the right of way indicated upon the final plans for said project.

Revisions of the Final Right of Way Plans

Right of way acquisition in accordance with the final right of way plans for the following projects has been determined to be necessary and authorized by the Board. Plans are on file at the Office of the Secretary to the Board of Transportation as an addendum to the minutes of the meetings hereinafter indicated.

Certain changes in right of way, construction and drainage easements, and control of access have been necessitated by alterations in the construction plans of these projects. Amended plan sheets for these projects have been prepared which provide for changes of certain right of way areas, construction and drainage easements and control of access.

The Board finds that the revised areas of right of way, construction and drainage easements and control of access, as shown on the amended plan sheets hereinafter set out, are for a public purpose and are necessary for the construction of projects.

The right of way, construction and drainage easements and control of access are hereby revised as shown on the plan sheets incorporated herein as an addendum, said projects, date of original final approval, and revised right of way, easements and access being as follows:

(Division 2)**Project No. 34528.2.2; I.D. No. R-3307; Carteret County:**

Final Right of Way plans approved on the minutes of the February 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 9 and 10 as presented at the June 1, 2017 Board of Transportation Meeting.

(Division 3/6)**Project No. 34416.2.3; I.D. No. R-2303B; Sampson/Cumberland Counties:**

Final Right of Way plans approved on the minutes of the June 6, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 12, 13 and 31 as presented at the June 1, 2017 Board of Transportation Meeting.

(Division 10)**Project No. 40373.2.D1; I.D. No. U-4910A; Cabarrus County:**

Final Right of Way plans approved on the minutes of the February 2, 2017 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 1, 2017 Board of Transportation Meeting.

Revisions of the Final Right of Way Plans

(Division 12)

Project No. 34522.2.FR6; I.D. No. R-3100A; Catawba County:

Final Right of Way plans approved on the minutes of the April 6, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 19 as presented at the June 1, 2017 Board of Transportation Meeting.

Project No. 34522.2.FR4; I.D. No. R-3100B; Catawba County:

Final Right of Way plans approved on the minutes of the April 6, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 5, 11, 12 and 14 as presented at the June 1, 2017 Board of Transportation Meeting.

Approval of conveyance of Highway Right of Way Residues

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

(Division 2)

Project 34440.2.6, Parcels R-2510AB 204 and 206, US 17 (Washington Bypass) from South of SR 1149 (Price Road) to US 17 North of SR 1509 (Springs Road) Beaufort County

Conveyance of an approximate 2.080-acre landlocked, residue area to Chocowinity Fire District Volunteer Fire Department, Inc., the only interested adjacent owner, for the appraised value of \$5,900.00.

(Division 5)

Project 8.1351302, Parcel U-2102 901(131), 2713 Landis Drive in Durham Durham County

Conveyance of an approximate 0.370-acre residue area to Deer Track Land Corporation, the highest bidders after public advertisement, for the high bid amount of \$20,700.00.

(Division 7)

Project 35007.2.1, Parcel U-4006 901, Bridford Parkway from Wendover Ave at Hornady Road to SR 1607 (Burnt Poplar Road) at Swing Road Guilford County

Conveyance of an approximate 0.249-acre landlocked, residue area to Albert Jordan Washburn, the highest bidder between the adjacent owners, for the high bid amount of \$1,501.00.

(Division 10)

Project 8.1654502, Parcel 028, North of I-85 running parallel with US 21 Mecklenburg County

Conveyance of an approximate 0.270-acre residue area to Robert E. Keziah, the highest bidder after public advertisement, for the high bid amount of \$2,500.00.

Project 34408.2.6, Parcel R-2246B 076, George Liles Parkway – From SR 1304 (Roberty Road) to SR 1431 (Weddington Road) Cabarrus County

Conveyance of an approximate 15.937-acre residue area to the County of Cabarrus for the appraised value of \$175,300.00.

(Division 14)

Project 8.1000205, Parcel R-402BB, NC 280 from East of SR 1323 to East of Mills River Henderson County

Conveyance of an approximate 0.290-acre residue area to the Paul Edward Burke and Glenda Burnette Burke, the highest bidders after public advertisement, for the high bid amount of \$1,731.33.

CONVEYANCE ROW RESIDUE

6 PROJECT(S)

\$207,632.33

Approval of conveyance of Surplus Highway Right of Way

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

(Division 5)

Project 4763, SR 1012 (Western Blvd) between SR 5039 (Jones Franklin Road) and SR 1011 (Hillsborough Street)

Wake County

Conveyance of an approximate 0.721-acre surplus right of way area to Boro, LLC for the enhancement value of \$169,500.00.

(Division 8)

Project 8.15693, US-1 SE Service and Wisconsin Avenue in Southern Pines

Moore County

Abandonment of an approximate 1.417-acre permanent easement area to Tiara Properties, LLC for no monetary consideration.

CONVEYANCE OF SURPLUS RIGHT OF WAY

2 PROJECT(S)

\$169,500.00

Approval of Revision in Control of Access

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

(Division 5)

Project 34503.2.1, Parcel R-2809B 007, NC 98 (Wake Forest Bypass) from US 1 Capital Boulevard) to US 1A South Wake County

Grant of a revision in the existing control of access to the Town of Wake Forest for an approximate 25 meter (82.02 foot) foot break along NC 98 Bypass (Dr. Calvin Jones Highway) between SR 4534 (Galaxy Drive) and Siena Drive for no monetary consideration.

Advance Acquisition of Highway Right of Way

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

(Division 5)

**Property of Forest Ball a/w Delores
I.D. No. R-2828, Parcel #900,
WBS 35516.2.1, F. A. Project N/A,
County of Wake**

**Property of City of Raleigh
I.D. No. P-5720, Parcel #900,
WBS 46932.2.1, F. A. Project N/A,
County of Wake**

Authorization to Condemn Right of Way for Secondary Road Project

The Department has been unsuccessful in acquiring certain right of way for Secondary Roads; and the indemnity bond for the cost of any condemnation proceeding required is being secured in keeping with the Secondary Roads Policy of the Department.

Upon recommendation of the Chief Engineer, the Board finds and hereby authorizes the Right of Way Unit to acquire right of way by condemnation through the Attorney General's office for the following parcel(s):

The Department has been unsuccessful in acquiring certain right of way for Secondary Roads; and the indemnity bond for the cost of any condemnation proceeding required is being secured in keeping with the Secondary Roads Policy of the Department.

Upon recommendation of the Chief Engineer, the Board finds and hereby authorizes the Right of Way Unit to acquire right of way by condemnation through the Attorney General's office for the following parcel(s):

(Division 14)

CLAIM OF: John W. Dye, Jr.
WBS #: 44170.14
PARCEL #: 004
COUNTY: Macon
SR #: 1139 Sanders Road

CLAIM OF: John W. Dye, Jr.
WBS #: 44170.14
PARCEL #: 005
COUNTY: Macon
SR #: 1139 Sanders Road

CLAIM OF: Daren Sanders
WBS #: 44170.14
PARCEL #: 007
COUNTY: Macon
SR #: 1139 Sanders Road

Authorization to Condemn Right of Way for Secondary Road Project (continued)

(Division 14) (continued)

CLAIM OF: Lisa Ann Metzker
WBS #: 44170.14
PARCEL #: 008
COUNTY: Macon
SR #: 1139 Sanders Road

AUTHORIZATION TO CONDEM RIGHT OF WAY FOR SECONDARY ROAD PROJECT 4 PROJECT(S) \$0.00

R-ITEM SUMMARY **59 PROJECT(S)** **TOTAL: \$ 377,132.33**

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

On September 8, 2016 the Board of Transportation approved an allocation of Maintenance funds totaling \$1,292,949,962 in accordance with the Session Law 2016-94. Due to the credit balance, a supplemental allocation was approved by the Board January 5, 2017 in the amount of \$114,730,556. The staff recommends further distribution of funds as follows:

Asset Maintenance and Operations

- \$3,000,000 for Litter Removal contracts

Emergencies

- \$3,564,316 from previously undistributed General Maintenance Reserve funds to cover the State Match for storm expenditures in the disaster WBS structures for previous years' storms

Staff recommended distribution is detailed below:

<u>SCHEDULE I – GENERAL MAINTENANCE RESERVE</u>	<u>ORIGINAL ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
Road and Bridge Maintenance	437,398,999		437,398,999
State and Federal Obligation	21,835,000		21,835,000
Asset Maintenance and Operation	21,075,000	\$3,000,000	24,075,000
Research and Development	550,000		550,000
Emergency	101,455,556	\$564,316	102,019,872
SUBTOTAL	\$582,314,555	\$3,564,316	\$585,878,871
<u>SCHEDULE II – PAVEMENT PRESERVATION</u>	\$85,045,024	\$0	\$85,045,024
<u>SCHEDULE III – CONTRACT RESURFACING</u>	\$497,946,495	\$0	\$497,946,495
<u>SCHEDULE IV – BRIDGE PROGRAM</u>	\$242,374,444	\$0	\$242,374,444
GRAND TOTAL	\$1,407,680,518	\$3,564,316	\$1,411,244,834

Item S Summary: 1 Action totaling \$3,564,316

May 11, 2017

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Branch

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

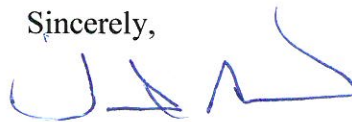
The Transportation Planning Branch has worked cooperatively with Stokes County on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by the Stokes County on April 24, 2017, the Town of Danbury on May 3, 2017, and the Town of Walnut Cove on April 11, 2017. It was endorsed by the Northwest Piedmont RPO on April 19, 2017.

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

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

The Transportation Planning Branch recommends the mutual adoption of the Stokes County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of May 4, 2017.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Jamal Alavi', with a stylized flourish at the end.

Jamal Alavi, P.E.
Manager, Transportation Planning Branch

Attachment

June 1, 2017

Adopted by:

Town of Danbury
Date: May 3, 2017

Town of Walnut Cove
Date: April 11, 2017

Stokes County
Date: April 24, 2017

NCDOT
Date:

Endorsed by:

Northwest Piedmont RPO
Date: April 19, 2017

Recommended by:

Transportation Planning Branch
Date: May 4, 2017

NOTES:

**See Winston Salem
Comprehensive Transportation Plan**

VIRGINIA STATE LINE

ROCKINGHAM COUNTY



**Stokes County
RECOMMENDED**

**Comprehensive
Transportation Plan**

Plan date: March 10, 2017

Sheet 1 **Adoption Sheet**

Sheet 2 **Highway Map**

Sheet 3 **Public Transportation
and Rail Map**

Sheet 4 **Bicycle Map**

Sheet 5 **Pedestrian Map**

Legend

- Airport
- Schools
- Rail
- Roads
- Rivers/Streams
- Municipal Boundaries
- Water Bodies
- State Park
- MPO Boundary
- County Boundaries

0 0.5 1 2 3 Miles

Sheet 1 of 5

Base map date: June 1, 2016 S

Refer to CTP document for more details



**NCDOT June 2017 Board of Transportation Agenda
Approval of Mobility Funds for Construction Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-0209B STATEWIDE	WBS 34749.3.GV4 US 74 (Independence Boulevard) from NC 24 / NC 27 (Albemarle Road) to Idlewild Road. \$60,136,583.00 has previously been approved for construction. Mobility funds will be used to replace an equal amount of Federal funds. (See Item M, page M-15). This is a Strategic Transportation Investments Transition project.	\$3,552,476.01

ITEM V SUMMARY	1 PROJECT	\$3,552,476.01
-----------------------	------------------	-----------------------

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

PRIORITIZATION 5.0 SCORING FOR ALL MODES (WITH CRITERIA DEFINITIONS)

RECOMMENDED BY THE P5.0 WORKGROUP JUNE 1, 2017

Objective: The Board of Transportation approves the following P5.0 Workgroup recommendations in accordance with the Strategic Transportation Investments law.

Highway Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility	<p>Congestion = 30%</p> <ul style="list-style-type: none"> Measurement of the traffic volume (accounting for seasonal traffic) on the roadway compared to the existing capacity of the roadway, weighted by the traffic volume (accounting for seasonal traffic) along the roadway. <p>Benefit/Cost = 25%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. <p>Freight = 25%</p> <ul style="list-style-type: none"> Measurement of truck volume and truck percentage of total traffic on the roadway, and the degree the project is helping to complete a future interstate corridor (if applicable). <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the existing severity, frequency, and rate of crashes along the roadway and the safety benefits the project is expected to provide over 10 years. <p>Economic Competitiveness = 10%</p> <ul style="list-style-type: none"> Measurement of the estimated percent change in economic activity within the county and the percent change in the number of long term jobs that the project is expected to provide over 10 years. <p>Total = 100%</p>	--	--
Regional Impact	<p>Congestion = 20%</p> <ul style="list-style-type: none"> Measurement of the traffic volume (accounting for seasonal traffic) on the roadway compared to the existing capacity of the roadway, weighted by the traffic volume (accounting for seasonal traffic) along the roadway. <p>Benefit/Cost = 20%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the existing severity, frequency, and rate of crashes along the roadway and the safety benefits the project is expected to provide over 10 years. <p>Accessibility/Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of county economic distress indicators and the degree the project upgrades mobility of the roadway, with the goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network. <p>Freight = 10%</p> <ul style="list-style-type: none"> Measurement of truck volume and truck percentage of total traffic on the roadway, and the degree the project is helping to complete a future interstate corridor (if applicable). <p>Total = 70%</p>	15%	15%

Division Needs	<p>Congestion = 15%</p> <ul style="list-style-type: none"> • Measurement of the traffic volume (accounting for seasonal traffic) on the roadway compared to the existing capacity of the roadway. <p>Benefit/Cost = 15%</p> <ul style="list-style-type: none"> • Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. <p>Safety = 10%</p> <ul style="list-style-type: none"> • Measurement of the existing severity, frequency, and rate of crashes along the roadway and the safety benefits the project is expected to provide over 10 years. <p>Accessibility/Connectivity = 5 %</p> <ul style="list-style-type: none"> • Measurement of county economic distress indicators and the degree the project upgrades mobility of the roadway, with the goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network. <p>Freight = 5%</p> <ul style="list-style-type: none"> • Measurement of truck volume and truck percentage of total traffic on the roadway, and the degree the project is helping to complete a future interstate corridor (if applicable). <p>Total = 50%</p>	25%	25%
-----------------------	---	------------	------------

Note: Regions and/or Divisions may approve different criteria and weights for their respective areas.

Aviation Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility	<p>NCDOA Project Rating = 40%</p> <ul style="list-style-type: none"> Scores projects based on project categories within the NC Airports System Plan, developed by the NCDOT Division of Aviation (DOA). Points are assigned based on priority and need of the project.. <p>Non-State Contribution Index = 30%</p> <ul style="list-style-type: none"> Measurement of the project's federal, local, or private funding contributions compared to the requested state funds. <p>Benefit/Cost = 20%</p> <ul style="list-style-type: none"> Measurement of the project's total economic contribution compared to the cost of the project to NCDOT. <p>FAA ACIP Rating = 10%</p> <ul style="list-style-type: none"> Scores projects based on ratings within the Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP). Ratings are based on critical airport development and capital needs for the National Airspace System (NAS). <p>Total = 100%</p>	--	--
Regional Impact	<p>NCDOA Project Rating = 30%</p> <ul style="list-style-type: none"> Scores projects based on project categories within the NC Airports System Plan, developed by the NCDOT Division of Aviation (DOA). Points are assigned based on priority and need of the project. <p>Non-State Contribution Index = 20%</p> <ul style="list-style-type: none"> Measurement of the project's federal, local, or private funding contributions compared to the requested state funds. <p>Benefit/Cost = 15%</p> <ul style="list-style-type: none"> Measurement of the project's total economic contribution compared to the cost of the project to NCDOT. <p>FAA ACIP Rating = 5%</p> <ul style="list-style-type: none"> Scores projects based on ratings within the Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP). Ratings are based on critical airport development and capital needs for the National Airspace System (NAS). <p>Total = 70%</p>	15%	15%
Division Needs	<p>NCDOA Project Rating = 25%</p> <ul style="list-style-type: none"> Scores projects based on project categories within the NC Airports System Plan, developed by the NCDOT Division of Aviation (DOA). Points are assigned based on priority and need of the project. <p>Benefit/Cost = 10%</p> <ul style="list-style-type: none"> Measurement of the project's total economic contribution compared to the cost of the project to NCDOT. <p>FAA ACIP Rating = 10%</p> <ul style="list-style-type: none"> Scores projects based on ratings within the Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP). Ratings are based on critical airport development and capital needs for the National Airspace System (NAS). <p>Non-State Contribution Index = 5%</p> <ul style="list-style-type: none"> Measurement of the project's federal, local, or private funding contributions compared to the requested state funds. <p>Total = 50%</p>	25%	25%

Bicycle & Pedestrian Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Division Needs	<p>Safety = 15%</p> <ul style="list-style-type: none"> Measurement of the number of bicycle and pedestrian crashes, speed limit of the roadway, severity of the crashes, and safety benefit the project is expected to provide. <p>Access = 10%</p> <ul style="list-style-type: none"> Measurement of the quantity and significance of destinations near the project as well as the distance to the primary destination. <p>Demand/Density = 10%</p> <ul style="list-style-type: none"> Measurement of the population and employment density within a walkable or bikeable distance of the project. <p>Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of the degree of separation between the project and the roadway, connectivity to a similar or better project type, and whether the project includes or connects to a national, state, or regional bicycle route. <p>Cost Effectiveness = 5%</p> <ul style="list-style-type: none"> Measurement of total Safety, Access, Demand/Density, and Connectivity criteria scores compared to the cost of the project to NCDOT. <p>Total = 50%</p>	25%	25%

Ferry Scoring

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

Public Transportation Scoring (Mobility / Route-Specific)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	Cost Effectiveness = 25% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). Demand/Density = 20% <ul style="list-style-type: none"> Measurement of the total trips along the project route in 10 years compared to the service area population for the project route. Impact = 15% <ul style="list-style-type: none"> Measurement of the trips generated and relieved by the project in 10 years. Efficiency = 10% <ul style="list-style-type: none"> Measurement of the total trips along the project route in 10 years compared to the total revenue seat hours of the project route in 10 years. Total = 70%	15%	15%
Division Needs	Cost Effectiveness = 20% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). Impact = 10% <ul style="list-style-type: none"> Measurement of the trips generated and relieved by the project in 10 years. Demand/Density = 10% <ul style="list-style-type: none"> Measurement of the total trips along the project route in 10 years compared to the service area population for the project route. Efficiency = 10% <ul style="list-style-type: none"> Measurement of the total trips along the project route in 10 years compared to the total revenue seat hours of the project route in 10 years. Total = 50%	25%	25%

Public Transportation Scoring (Demand-Response)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	Cost Effectiveness = 25% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). Demand/Density = 20% <ul style="list-style-type: none"> Measurement of the total operating hours of the system in 10 years compared to the service area population for the system. Efficiency = 15% <ul style="list-style-type: none"> Measurement of the number of vehicles in maximum service by the system compared to the total number of vehicles in the fleet (utilization ratio). Impact = 10% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years. Total = 70%	15%	15%
Division Needs	Cost Effectiveness = 15% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). Demand/Density = 15% <ul style="list-style-type: none"> Measurement of the total operating hours of the system in 10 years compared to the service area population for the system. Efficiency = 10% <ul style="list-style-type: none"> Measurement of the number of vehicles in maximum service by the system compared to the total number of vehicles in the fleet (utilization ratio). Impact = 10% <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years. Total = 50%	25%	25%

Public Transportation Scoring (Facility)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Cost Effectiveness = 25%</p> <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). <p>Impact = 20%</p> <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years. <p>Efficiency = 15%</p> <ul style="list-style-type: none"> Measurement of the total trips at the facility with the project in place (passenger facilities), the square footage per employee (administrative facilities), or the number of vehicles per bay (maintenance facilities). <p>Demand/Density = 10%</p> <ul style="list-style-type: none"> Growth trend of ridership for the system over the previous 5 years. <p>Total = 70%</p>	15%	15%
Division Needs	<p>Cost Effectiveness = 15%</p> <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project). <p>Impact = 15%</p> <ul style="list-style-type: none"> Measurement of the trips generated by the project in 10 years. <p>Efficiency = 10%</p> <ul style="list-style-type: none"> Measurement of the total trips at the facility with the project in place (passenger facilities), the square footage per employee (administrative facilities), or the number of vehicles per bay (maintenance facilities). <p>Demand/Density = 10%</p> <ul style="list-style-type: none"> Growth trend of ridership for the system over the previous 5 years. <p>Total = 50%</p>	25%	25%

Rail Scoring

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility (Class I Freight Only)	Benefit-Cost = 35% <ul style="list-style-type: none"> Measurement of monetized benefits compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. Safety = 30% <ul style="list-style-type: none"> Measurement of crash potential at highway/rail crossings, based on the NCDOT Rail Division's Investigative Index. System Opportunities = 15% <ul style="list-style-type: none"> Measurement of the project's degree of access to industrial/commercial development or nearby points of interest, and the degree of interaction between Rail and other modes. Capacity and Diversion = 10% <ul style="list-style-type: none"> Measurement of train volume compared to track capacity and the amount of freight and/or passenger volumes diverted off highways by the project. Economic Competitiveness = 10% <ul style="list-style-type: none"> Measurement of the estimated number of full time jobs created in 20 years. Total = 100%	--	--
Regional Impact	Benefit-Cost = 25% <ul style="list-style-type: none"> Measurement of monetized benefits compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. Safety = 15% <ul style="list-style-type: none"> Measurement of crash potential at highway/rail crossings, based on the NCDOT Rail Division's Investigative Index. System Opportunities = 10% <ul style="list-style-type: none"> Measurement of the project's degree of access to industrial/commercial development or nearby points of interest, and the degree of interaction between Rail and other modes. Capacity and Diversion = 10% <ul style="list-style-type: none"> Measurement of train volume compared to track capacity and the amount of freight and/or passenger volumes diverted off highways by the project. Economic Competitiveness = 10% <ul style="list-style-type: none"> Measurement of the estimated number of full time jobs created in 20 years. Total = 70%	15%	15%
Division Needs	System Opportunities = 15% <ul style="list-style-type: none"> Measurement of the project's degree of access to industrial/commercial development or nearby points of interest, and the degree of interaction between Rail and other modes. Benefit-Cost = 10% <ul style="list-style-type: none"> Measurement of monetized benefits compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost. Safety = 10% <ul style="list-style-type: none"> Measurement of crash potential at highway/rail crossings, based on the NCDOT Rail Division's Investigative Index. Capacity and Diversion = 10% <ul style="list-style-type: none"> Measurement of train volume compared to track capacity and the amount of freight and/or passenger volumes diverted off highways by the project. Economic Competitiveness = 5% <ul style="list-style-type: none"> Measurement of the estimated number of full time jobs created in 20 years. Total = 50%	25%	25%

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

Normalization in P5.0

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

Mode	Regional Impact	Division Needs
Highway	90% (minimum) (Region competition)	90% (minimum) (Division competition)
Non-Highway	4% (minimum) (Statewide competition)	4% (minimum) (2% Statewide competition, 2% Division competition)
Flex (All Modes)	6% (Region competition)	6% (Division competition)

Committed Projects – Not subject to re-evaluation in P5.0

Right-of-Way OR Construction date in 2018-2022 based on Final STIP (first 5 years of STIP)

Carryover Projects – Automatically carry over from P4.0 for evaluation in P5.0

- Programmed in the Final 2018-2027 STIP, but not considered a Committed Project
- Sibling of a programmed project
- Project has a NEPA document completed within the last 10 years or the NEPA document is actively being worked on

of Project Submittals for Each Mode

MPOs and RPOs

- Base of 12 submittals, plus:
 - One additional submittal for every 50,000 in population
 - One additional submittal for every 500 centerline miles

Divisions

- 14 submittals each

All submittals must be coordinated with associated MPOs, RPOs, and Divisions

of Local Input Points for Regional Impact and Division Needs Categories

- # of Points per Area = Base of 1,000 points + 100 additional points for every 50,000 in population
- Maximum 2,500 points per area
- Same allocation of points for Regional Impact and Division Needs categories
- 100 point max per project per category

Cash Flow Projection

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

Summary

Line Item*	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	07/17 - 09/17	10/17 - 12/17	01/18 - 03/18	04/18 - 06/18	07/18 - 09/18	10/18 - 12/18	01/19 - 03/19	04/19 - 06/19	
Administration									
Salaries	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 642,954	\$ 642,954	\$ 642,954	\$ 642,954	\$ 5,068,724
Operating	\$ 86,905	\$ 86,905	\$ 86,905	\$ 86,905	\$ 88,131	\$ 88,131	\$ 88,131	\$ 88,131	\$ 700,144
Dynamics CRM Database	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 340,000
SPO and legal	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,740	\$ 37,740	\$ 37,740	\$ 37,740	\$ 298,960
Restoration	\$ 7,659,749	\$ 7,757,372	\$ 13,519,696	\$ 6,177,566	\$ 8,065,205	\$ 13,046,868	\$ 8,539,477	\$ 6,177,539	\$ 70,943,473
Stewardship	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 900,000
Planning Framework	\$ 63,750	\$ 63,750	\$ 127,500	\$ 127,500	\$ 148,750	\$ 124,535	\$ 68,000	\$ 63,750	\$ 787,535
Total (by Quarter)	\$ 8,656,631	\$ 8,754,254	\$ 14,580,328	\$ 7,238,198	\$ 9,107,780	\$ 14,065,228	\$ 9,501,302	\$ 7,135,114	\$ 79,038,836

Total (Annual)

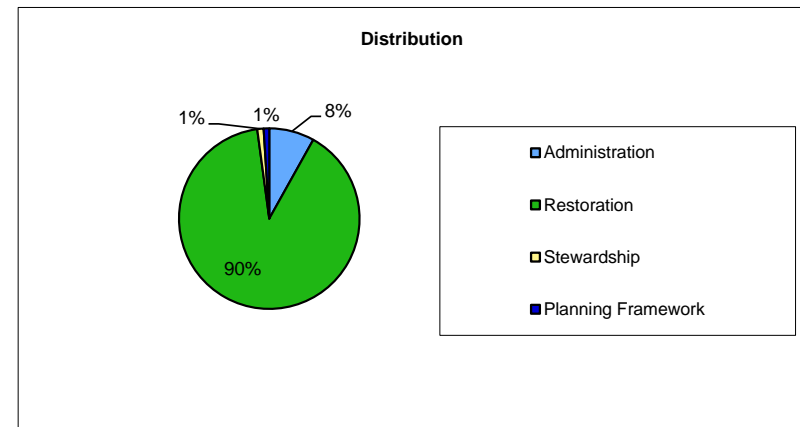
\$ 39,229,412

\$ 39,809,424 \$ 79,038,836

* See individual linetabs for details

Summary

Administration	\$ 6,407,828
Restoration	\$ 70,943,473
Stewardship	\$ 900,000
Planning Framework	\$ 787,535
Biennial Total	\$ 79,038,836



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

Salary and Operating Expenses

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

	SFY 2017 / 18				SFY 2018 / 19				
Salary & Operations	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Salaries	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 642,954	\$ 642,954	\$ 642,954	\$ 642,954	\$ 5,068,724
Operations	\$ 86,905	\$ 86,905	\$ 86,905	\$ 86,905	\$ 88,131	\$ 88,131	\$ 88,131	\$ 88,131	\$ 700,144
Dynamics CRM Database (85%)	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 340,000
Salary & Operations Total	\$ 796,132	\$ 796,132	\$ 796,132	\$ 796,132	\$ 731,085	\$ 731,085	\$ 731,085	\$ 731,085	\$ 6,108,868

	SFY 2017 / 18				SFY 2018 / 19				
Supporting Positions	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
State Property Office*	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,440	\$ 22,440	\$ 22,440	\$ 22,440	\$ 177,760
Legal**	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,300	\$ 15,300	\$ 15,300	\$ 15,300	\$ 121,200
Supporting Positions Total	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,740	\$ 37,740	\$ 37,740	\$ 37,740	\$ 298,960

*SPO funding for 85% of one position.

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

Salary and Operating Expenses - Total	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 833,132	\$ 833,132	\$ 833,132	\$ 833,132	\$ 768,825	\$ 768,825	\$ 768,825	\$ 768,825	
									\$ 6,407,828

Restoration Summary

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design-Bid-Build	\$ 76,675	\$ 108,268	\$ 232,366	\$ 833,890	\$ 356,510	\$ 370,281	\$ 188,136	\$ -	\$ 2,166,126
Design-Build	\$ -	\$ 622,165	\$ 1,866,494	\$ 311,082	\$ -	\$ -	\$ 124,433	\$ -	\$ 2,924,174
Full Delivery	\$ 5,767,597	\$ 5,151,226	\$ 11,338,220	\$ 4,926,513	\$ 7,607,395	\$ 11,459,217	\$ 8,170,351	\$ 5,095,360	\$ 59,515,880
Monitoring/Maintenance	\$ 115,477	\$ 225,713	\$ 82,616	\$ 106,081	\$ 55,800	\$ 312,370	\$ 56,557	\$ 82,179	\$ 1,036,793
Actual cost adjustment for in-lieu payments ¹	\$ 1,700,000	\$ 1,650,000	\$ -	\$ -	\$ 45,500	\$ 905,000	\$ -	\$ 1,000,000	\$ 5,300,500
Restoration Summary Total	\$ 7,659,749	\$ 7,757,372	\$ 13,519,696	\$ 6,177,566	\$ 8,065,205	\$ 13,046,868	\$ 8,539,477	\$ 6,177,539	\$ 70,943,473

Note: Currently, there are 23 active design-bid-build contracts, 1 active Design-Build contracts and 55 active full delivery contracts.

¹ These numbers are placeholder estimates to be approved on an individual project basis with the DOT Inspector General's Office. Such costs are associated with NCDOT payments into the Wetlands Restoration Program (WRP) for mitigation associated with multiple TIPs that were constructed between 1999 and 2008. Significant mitigation amounts were accepted by the WRP and paid by the NCDOT before sufficient data was available related to the actual cost of mitigation and agreements were put in place for cost recovery that would not exceed the actual cost of producing the mitigation. Procedures for reconciling such costs are documented through the Inspector General's Office.

The term **restoration** is used to describe stream and wetland restoration activities, monitoring, maintenance, land, and special studies. Contained under this heading are 79 active contracts that are in design, construction or monitoring in our state's 17 river basins.

Design-Bid-Build Contracts

Current Contracts					SFY 2017 / 18				SFY 2018 / 19				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Consultant										
Contract #D14001i	Mud Lick Crk - Thomas	8	Chatham	Wildlands Engineering, Inc.	\$ 10,380	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,380	1
Contract #006741	Millstone Creek	8	Randolph	NCSU	\$ 4,000	\$ 9,528	\$ 20,754	\$ 20,754	\$ -	\$ 26,281	\$ 28,136	\$ -	\$ 109,453	2
Contract #D13022S	Little Pine II	11	Alleghany	Confluence Engineering	\$ 33,360	\$ 8,340	\$ 8,340	\$ 20,850	\$ 20,850	\$ 8,340	\$ -	\$ -	\$ 100,080	3
Contract #D16015i	UT West Branch Rocky Riv	10	Mecklenburg	KCI Associates of NC	\$ 24,135	\$ 40,400	\$ 29,272	\$ 32,286	\$ 25,660	\$ 25,660	\$ -	\$ -	\$ 177,413	4
Subtotal Design-Bid-Build - Current Contracts					\$ 71,875	\$ 58,268	\$ 58,366	\$ 73,890	\$ 46,510	\$ 60,281	\$ 28,136	\$ -	\$ 397,326	

Design-Bid-Build - New Contracts to be awarded SFY 2017/18 / SFY 2018/19					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction					\$ -	\$ 50,000	\$ 145,000	\$ 760,000	\$ 310,000	\$ 310,000	\$ 160,000	\$ -	\$ 1,735,000
Acquisition ¹					\$ 4,800	\$ -	\$ 29,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,800
Subtotal Design-Bid-Build - New Contracts					\$ 4,800	\$ 50,000	\$ 174,000	\$ 760,000	\$ 310,000	\$ 310,000	\$ 160,000	\$ -	\$ 1,768,800

Design-Bid-Build Total					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$ 76,675.00	\$ 108,268	\$ 232,366	\$ 833,890	\$ 356,510	\$ 370,281	\$ 188,136	\$ -	\$ 2,166,126

Design-Build

Design-Build - Payments for New Contracts					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Contract Number	Site Name	Division	County	Provider									
Contract #006256	Big Harris	12	Cleveland	Wildlands Engineering, Inc.	\$ -	\$ 622,165	\$ 1,866,494	\$ 311,082	\$ -	\$ -	\$ 124,433	\$ -	\$ 2,924,174
Total Design-Build Current Contracts					\$ -	\$ 622,165	\$ 1,866,494	\$ 311,082	\$ -	\$ -	\$ 124,433	\$ -	\$ 2,924,174

Full Delivery Contracts

Full Delivery - Current Contracts					SFY 2017 / 18				SFY 2018 / 19				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #003981	Muddy Run Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 91,817	\$ -	\$ -	\$ -	\$ 183,635	\$ -	\$ -	\$ 275,452	6
Contract #003989	Devil's Racetrack	4	Johnston	Wildlands Engineering, Inc.	\$ -	\$ 420,966	\$ -	\$ -	\$ -	\$ 420,966	\$ -	\$ -	\$ 841,932	7
Contract #005012	Bowl Basin	3	Onslow	KCI Associates of NC	\$ -	\$ 26,460	\$ -	\$ -	\$ -	\$ 26,460	\$ -	\$ -	\$ 52,920	8
Contract #005010	Norman's Pasture	3	Sampson	KCI Associates of NC	\$ -	\$ 65,130	\$ -	\$ -	\$ -	\$ 65,130	\$ -	\$ -	\$ 130,260	9
Contract #005787	Norman's Pasture II	3	Sampson	KCI Technologies	\$ -	\$ 10,558	\$ -	\$ -	\$ -	\$ 10,558	\$ -	\$ -	\$ 21,116	10
Contract #005011	Cedar Creek	3	Sampson	Environmental Banc & Exchange, LLC	\$ -	\$ 95,500	\$ -	\$ -	\$ -	\$ 95,500	\$ -	\$ -	\$ 191,000	11
Contract #005000	UT to Millers Creek	3	Duplin	Florence and Hutcheson, Inc	\$ -	\$ 50,681	\$ -	\$ -	\$ -	\$ 50,681	\$ -	\$ -	\$ 101,362	12
Contract #004631	Best Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 134,904	\$ -	\$ -	\$ -	\$ 134,904	\$ -	\$ -	\$ 269,808	13
Contract #004632	Muddy Run II Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 127,700	\$ -	\$ -	\$ -	\$ 127,700	\$ -	\$ -	\$ 255,400	14
Contract #004954	Foust Creek	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 89,817	\$ -	\$ -	\$ -	\$ 89,817	\$ -	\$ -	\$ 179,634	15
Contract #004949	Agony Acres	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 113,521	\$ -	\$ -	\$ -	\$ 113,521	\$ -	\$ -	\$ 227,042	16
Contract #004951	UT to Cane Creek	7	Alamance	Michael Baker Engineering, Inc	\$ -	\$ 66,930	\$ -	\$ -	\$ -	\$ 66,930	\$ -	\$ -	\$ 133,860	17
Contract # 005151	Stanleys II	1	Northampton	KCI Associates of NC	\$ -	\$ 21,125	\$ -	\$ -	\$ -	\$ 21,125	\$ -	\$ -	\$ 42,250	18
Contract #004635	Stanleys Slough	1	Northampton	KCI Associates of NC	\$ -	\$ 78,377	\$ -	\$ -	\$ -	\$ 78,377	\$ -	\$ -	\$ 156,754	19
Contract #004628	Hofler Property	1	Gates	Albemarle Restorations, LLC	\$ -	\$ 30,800	\$ -	\$ -	\$ -	\$ 30,800	\$ -	\$ -	\$ 61,600	20
Contract #005790	Abbey Lamm	7	Alamance	Restoration Systems, LLC	\$ -	\$ 38,824	\$ -	\$ -	\$ -	\$ 38,824	\$ -	\$ -	\$ 77,648	21
Contract #005791	Aycock Springs	7	Alamance	Restoration Systems, LLC	\$ -	\$ 26,629	\$ -	\$ -	\$ -	\$ 26,629	\$ -	\$ -	\$ 53,258	22
Contract #005792	Browns Summit Creek	7	Guilford	Michael Baker Engineering, Inc	\$ -	\$ 99,875	\$ -	\$ -	\$ -	\$ 39,950	\$ -	\$ -	\$ 139,825	23
Contract #005793	Maney Farm	8	Chatham	Wildlands Engineering, Inc.	\$ -	\$ 35,040	\$ -	\$ -	\$ -	\$ 35,040	\$ -	\$ -	\$ 70,080	24
Contract #005794	Candy Creek	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 276,662	\$ -	\$ -	\$ -	\$ 110,665	\$ -	\$ -	\$ 387,327	25
Contract #005795	Holman Mill	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 28,297	\$ -	\$ -	\$ -	\$ 28,297	\$ -	\$ -	\$ 56,594	26
Contract #006746	Tar River Headwater Wetlands	5	Person	Mogensen Mitigation, Inc.	\$ -	\$ 15,250	\$ -	\$ -		\$ 6,100	\$ -	\$ -	\$ 21,350	27
Contract #006824	Pen Dell	4	Johnston	Water & Land Solutions	\$ 174,583	\$ 116,389	\$ 116,389	\$ -	\$ -	\$ 58,194	\$ -	\$ -	\$ 465,555	28
Contract #006825	Edwards-Johnson	4	Johnston	Water & Land Solutions	\$ 175,925	\$ 117,284	\$ 117,284	\$ -	\$ -	\$ 58,642	\$ -	\$ -	\$ 469,134	29
Contract #006826	Lake Wendell	4	Johnston	Water & Land Solutions	\$ 197,281	\$ 131,521	\$ 131,521	\$ -	\$ -	\$ 65,760	\$ -	\$ -	\$ 526,084	30
Contract #006827	Dry Creek	5	Durham	Wildlands Engineering, Inc.	\$ 149,400	\$ 448,201	\$ 597,602	\$ -	\$ 448,201	\$ 298,801	\$ 298,801	\$ -	\$ 2,241,006	31
Contract #006828	Lochill Farm	7	Orange	Michael Baker Engineering, Inc.	\$ 199,260	\$ 132,840	\$ 132,840	\$ -	\$ -	\$ 66,420	\$ -	\$ -	\$ 531,360	32
Contract #006829	Buckwater	7	Orange	Wildlands Engineering, Inc.	\$ 866,737	\$ -	\$ -	\$ -	\$ 433,368	\$ 216,684	\$ 216,684	\$ -	\$ 1,733,473	33

Full Delivery Contracts (page 2)

Full Delivery - Current Contracts (continued)					SFY 2017 / 18				SFY 2018 / 19				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #006830	Stony Fork	4	Johnston	KCI Associates of NC	\$ 391,332	\$ 260,888	\$ 130,444	\$ -	\$ -	\$ 130,444	\$ -	\$ -	\$ 913,108	34
Contract #006832	Alliance Headwaters Option A	4	Johnston	Restoration Systems, LLC	\$ 519,246	\$ 389,435	\$ 649,058	\$ 259,623	\$ -	\$ 129,812	\$ -	\$ -	\$ 1,947,174	35
Contract #006897	Lone Hickory	11	Yadkin	Wildlands Engineering, Inc.	\$ -	\$ 837,541	\$ 628,156	\$ -	\$ -	\$ 628,156	\$ 418,771	\$ 209,385	\$ 2,722,009	36
Contract #006898	Mill Dam Creek	11	Yadkin	KCI Associates of NC	\$ 514,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 514,800	\$ 686,400	\$ 1,716,000	37
Contract #007006	Harrell Site	14	Jackson	EW Solutions, LLC	\$ 42,367	\$ 169,469	\$ 127,101	\$ -	\$ 127,101	\$ 84,734	\$ 84,734	\$ -	\$ 635,506	38
Contract #006997	Fletcher Site	14	Henderson	EW Solutions, LLC	\$ 798,300	\$ -	\$ 598,725	\$ -	\$ 598,725	\$ 399,150	\$ -	\$ 199,575	\$ 2,594,475	39
Contract #D06046-A	Logan Creek	14	Jackson	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 47,403	\$ -	\$ -	\$ -	\$ 47,403	\$ -	\$ 94,805	40
Contract #D06125-B	Elk Branch	13	Mitchell	Michael Baker Engineering, Inc	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	41
Contract #002024	North Fork Mountain Creek	12	Catawba	Resource Environmental Solutions, LLC	\$ -	\$ -	\$ 55,953	\$ -	\$ -	\$ -	\$ 55,953	\$ -	\$ 111,905	42
Contract #003983	Jacobs Ladder	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 69,584	\$ -	\$ -	\$ -	\$ 139,167	\$ -	\$ 208,751	43
Contract #003984	Jacobs Landing	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 63,849	\$ -	\$ -	\$ -	\$ 127,699	\$ -	\$ 191,548	44
Contract #003991	601 North II	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 112,143	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 112,143	45
Contract #003990	Town Creek	10	Stanly	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 49,840	\$ -	\$ -	\$ -	\$ 49,840	\$ -	\$ 99,680	46
Contract #003277	UT to Town Creek	10	Stanly	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 192,090	\$ -	\$ -	\$ -	\$ 192,090	\$ -	\$ 384,180	47
Contract #004644	Pee Dee Stream	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 107,100	\$ -	\$ -	\$ -	\$ 107,100	\$ -	\$ 214,200	48
Contract #004641	Brown Creek Tributaries	10	Anson	Michael Baker Engineering, Inc	\$ -	\$ -	\$ 140,100	\$ -	\$ -	\$ -	\$ 140,100	\$ -	\$ 280,200	49
Contract #004642	Hopewell	8	Randolph	Wildlands Engineering, Inc.	\$ -	\$ 120,810	\$ -	\$ -	\$ -	\$ 120,810	\$ -	\$ -	\$ 241,620	50
Contract #002029	Little Buffalo Creek	10	Cabarrus	Louis Berger	\$ -	\$ -	\$ 92,550	\$ -	\$ -	\$ -	\$ 92,550	\$ -	\$ 185,100	51
Contract #003979	Junes Branch	14	Jackson	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 59,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,850	52
Contract #004672	Poplin Ridge Site	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 105,341	\$ -	\$ -	\$ -	\$ 105,341	\$ -	\$ 210,682	53
Contract #004673	Norkett Branch	10	Union	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 165,102	\$ -	\$ -	\$ -	\$ 165,102	\$ -	\$ 330,205	54
Contract #004925	601 East	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 64,904	\$ -	\$ -	\$ -	\$ 64,904	\$ -	\$ 129,809	55
Contract #005999	Vile Creek	11	Alleghany	Wildlands Engineering, Inc.	\$ 168,450	\$ 168,450	\$ 84,225	\$ -	\$ -	\$ -	\$ 33,690	\$ -	\$ 454,815	56
Contract #005782	Henry Fork (Only Stream is 2984)	12	Catawba	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 32,488	\$ -	\$ -	\$ -	\$ 32,488	\$ -	\$ 64,976	57
Contract #005786	Roses Creek	13	Burke	ICA Engineering, Inc.	\$ -	\$ -	\$ 39,990	\$ -	\$ -	\$ -	\$ 39,990	\$ -	\$ 79,980	58
Contract #006402	John Deere	13	Rutherford	Resource Environmental Solutions, LLC	\$ 369,915	\$ 158,535	\$ 105,690	\$ 105,690	\$ -	\$ -	\$ 52,845	\$ -	\$ 792,675	59
Contract #006598	Cedar Branch	8	Randolph	KCI Associates of NC	\$ -	\$ -	\$ 270,900	\$ 361,200	\$ -	\$ -	\$ 90,300	\$ -	\$ 722,400	60
Subtotal Full Delivery - Current Contracts					\$ 4,567,597	\$ 5,006,226	\$ 5,088,220	\$ 726,513	\$ 1,607,395	\$ 4,059,217	\$ 3,070,351	\$ 1,095,360	\$ 25,220,880	

Full Delivery Contracts (page 3)

Full Delivery - Payments for New Contracts to be Awarded -- SFY 2017 / 18 / SFY 2018 / 19 (Includes Bank Credit Purchases)	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Subtotal Full Delivery - Payments for New Contracts	\$ 1,200,000	\$ 145,000	\$ 6,250,000	\$ 4,200,000	\$ 6,000,000	\$ 7,400,000	\$ 5,100,000	\$ 4,000,000	\$ 34,295,000

Full Delivery Total	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 5,767,597	\$ 5,151,226	\$ 11,338,220	\$ 4,926,513	\$ 7,607,395	\$ 11,459,217	\$ 8,170,351	\$ 5,095,360	\$ 59,515,880

Monitoring / Maintenance, Repair and Equipment Contracts

Monitoring

					SFY 2017 / 18				SFY 2018 / 19				Total
Monitoring - Current Contracts					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Contract Number	Site Name	Division	County	Consultant									
Contract #005765	Stallings (G)	2	Jones	Robert J. Goldstein & Associates	\$ -	\$ 2,785	\$ -	\$ -	\$ -	\$ 2,785	\$ -	\$ 2,785	\$ 8,355
Contract #004801	Greenbrier Creek	7	Chatham	Axiom Environmental, Inc.	\$ -	\$ -	\$ 6,296	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,296
Contract #004682	Sandy Creek (Charles Williams)	8	Randolph	Sungate Design Group, PA		\$ -	\$ 1,680	\$ -	\$ -	\$ 18,066	\$ -	\$ 12,044	\$ 31,790
Contract #005367	Meredell Farm Site	8	Randolph	SEPI Engineering & Construction, Inc.	\$ 1,080	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,080
Contract #005715	Bear Creek (Phillips Tract)	8	Chatham	Axiom Environmental, Inc.	\$ -	\$ 5,545	\$ -	\$ 2,772	\$ -	\$ 5,545	\$ 2,272	\$ 2,272	\$ 18,406
Contact#006604	Heath Dairy	8	Randolph	Mogensen Mitigation, Inc.	\$ 3,250	\$ 9,750	\$ -	\$ 3,250	\$ -	\$ 9,750	\$ -	\$ 3,250	\$ 29,250
Contract #D16025i	Bowman Site	8	Randolph	Carolina Silvics	\$ -	\$ 1,397	\$ -	\$ -	\$ -	\$ 699	\$ -	\$ -	\$ 2,096
Contract #004804	UT to Hauser Creek	9	Davie	Axiom Environmental, Inc.	\$ 3,061	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,061
Contract #006617	Crooked Creek II	10	Union	Wildlands Engineering, Inc.	\$ 8,113	\$ 14,135	\$ -	\$ -	\$ 8,113	\$ 14,135	\$ -	\$ 8,113	\$ 52,609
Contract #006844	Little Pine III	11	Alleghany	Wildlands Engineering, Inc.	\$ -	\$ 14,500	\$ -	\$ 7,250	\$ -	\$ 14,500	\$ -	\$ 7,250	\$ 43,500
Contract #006843	Glade Creek II	11	Alleghany	Wildlands Engineering, Inc.		\$ 11,700	\$ -	\$ 5,850	\$ -	\$ 11,700	\$ -	\$ 5,850	\$ 35,100
Contract #004538	Newfound Creek	13	Buncombe	URS	\$ 4,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,760
Contract #006496	Hogan Creek	11	Surry	Wildlands Engineering, Inc.	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ 33,600
Contract #005764	Suther	10	Cabarrus	Robert J. Goldstein & Associates	\$ 2,112	\$ -	\$ -	\$ 6,338	\$ -	\$ -	\$ 7,770	\$ -	\$ 16,220
Contract #005717	UT Martin Creek/Martin II	14	Cherokee	Axiom Environmental, Inc.	\$ -	\$ 15,477	\$ -	\$ 8,027	\$ -	\$ 15,477	\$ -	\$ -	\$ 38,981
Contract #004391	McKee	10	Cabarrus	Withers and Ravenel	\$ -	\$ 4,971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,971
Contract #006036	Five Mile Branch	12	Iredell	Arcadis	\$ 3,748	\$ -	\$ 11,244	\$ 3,748	\$ -	\$ 3,748	\$ -	\$ -	\$ 22,488
Contract #004803	Mill Creek (Formerly Uwharrie Heritage)	8	Randolph	Axiom Environmental, Inc.	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000
Contract #004661	Big Harris	12	Cleveland	Western Carolina Univ.	\$ 6,053	\$ 6,053	\$ 4,096	\$ 4,096	\$ 5,537	\$ 6,515	\$ 6,515	\$ 6,515	\$ 45,380
Subtotal Monitoring - Current Contracts					\$ 38,177	\$ 97,513	\$ 23,316	\$ 46,931	\$ 13,650	\$ 114,120	\$ 16,557	\$ 53,679	\$ 403,943

					SFY 2017 / 18				SFY 2018 / 19				Total
Monitoring - New Contracts to be awarded SFY 2017 / 18 / SFY 2018 / 19					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Monitoring ²	Statewide	Multiple	Statewide	Undetermined	\$ 7,000	\$ -	\$ -	\$ 1,400	\$ 3,900	\$ 6,000	\$ 40,000	\$ 28,500	\$ 86,800
													\$ -
Subtotal Monitoring- New Contracts					\$ 7,000	\$ -	\$ -	\$ 1,400	\$ 3,900	\$ 6,000	\$ 40,000	\$ 28,500	\$ 86,800

					SFY 2017 / 18				SFY 2018 / 19				Total
Monitoring - Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
2017 - 2018 DMS Biennial Budget						8 of 15							4/1/2017
					\$ 45,177	\$ 97,513	\$ 23,316	\$ 48,331	\$ 17,550	\$ 120,120	\$ 56,557	\$ 82,179	\$ 490,743

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

Maintenance, Repair and Equipment

Maintenance, Repair and Equipment - Current Contracts					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Contract Number	Site Name	Division	County	Consultant									
Contract #D14004i	Veg Install & Management	Multiple	Statewide	Keller Environmental	\$ 2,250	\$ 2,250	\$ -	\$ -	\$ 2,250	\$ 2,250	\$ -	\$ -	\$ 9,000
Contract #D16005i	InvasiveManagement	Multiple	Statewide	Carolina Silvics	\$ 7,750	\$ 12,450	\$ 9,300	\$ 7,750	\$ -	\$ -	\$ -	\$ -	\$ 37,250
Contract #D16002i	Veg Install & Management	Multiple	Statewide	Bruton Natural Systems	\$ 5,300	\$ 13,500	\$ -	\$ -	\$ 11,000	\$ -	\$ -	\$ -	\$ 29,800
Maintenance, Repair and Equipment - Current Contracts Subtotal					\$ 15,300	\$ 28,200	\$ 9,300	\$ 7,750	\$ 13,250	\$ 2,250	\$ -	\$ -	\$ 76,050

80
81
82

Maintenance, Repair and Equipment - New Contracts to be awarded					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Maintenance and repair ³	Multiple	Multiple	various	tbd	\$ 30,000	\$ 40,000	\$ 25,000	\$ 25,000	\$ -	\$ 130,000	\$ -	\$ -	\$ 250,000
Gauges and Equipment ⁴	Multiple	Multiple	various	tbd	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 70,000
Functional Uplift ⁵	Multiple	Multiple	various	tbd	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ 150,000
Maintenance, Repair and Equipment - New Contracts Subtotal					\$ 55,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 25,000	\$ 190,000	\$ -	\$ -	\$ 470,000

Maintenance, Repair and Equipment - Total					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$ 70,300	\$ 128,200	\$ 59,300	\$ 57,750	\$ 38,250	\$ 192,250	\$ -	\$ -	\$ 546,050

Monitoring / Maintenance, Repair and Equipment - Total					SFY 2017 / 18				SFY 2018 / 19				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$ 115,477	\$ 225,713	\$ 82,616	\$ 106,081	\$ 55,800	\$ 312,370	\$ 56,557	\$ 82,179	\$ 1,036,793

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

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

³Based on current maintenance cost data

⁴Equipment costs based on maintenance required for existing gauges

⁵Monitoring water quality and biological parameters pre- and post-construction. Determination of thresholds of change.

Summary of Stewardship Costs

DMS Biennial Budget State Fiscal Years (SFY) 2017 / 18 and 2018 / 19

	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Stewardship	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 900,000

NOTES:

The budget is based on the number of projects currently in DEQ Stewardship, the number of projects that are expected to be closed out and transferred to DEQ Stewardship in SFY 2017 / 18 and SFY 2018 / 19, and the Standard Operation Procedures agreed to by NCDEQ and NCDOT. Includes Stewardship Manager salary (85%), administration, legal and project monitoring cost.

No stewardship endowment funds are included in this biennial budget. The budget includes funds for annual stewardship activities performed by the DEQ Stewardship Program according to the contract with NCDOT. According to other terms of that contract, DEQ will be developing endowment estimates for mitigation sites during the coming fiscal year. NCDOT and DEQ will evaluate those endowment estimates and may alter the SFY 2017 / 18 budget to pay endowments for some mitigation sites.

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

Projects Transferred to Stewardship

Project ID	Project Name	County
92546	601 North Property	Union
92545	601 West Property	Union
7	Adkins Branch (Phase II) (G)	Lenoir
92139	Allen Tract	Franklin
92526	Anderson Swamp	Edgecombe
92666	Badin Inn	Stanly
92106	Barnes Creek Grissom	Montgomery
23	Barra Farms I	Cumberland
92164	Beaver Dam-Drowning Creek II (Rankin Tract)	Moore
92217	Beaverdam Creek	Mecklenburg
92586	Beaverdam Creek and Trib (Parker Site)	Union
92132	Big & Little Rock Creek Bruchon	Mitchell
92532	Big Cedar Creek	Stanly
92101	Big Pond Bay Gardner	Cumberland
92162	Bishop Tract-Canal Branch	Anson
92516	Blockhouse Creek	Polk
92207	Brown Farm	Durham
92517	Brown Marsh Swamp	Robeson
92325	Cane Creek	Person
92521	Cane Creek (FD)	Rutherford
92035	Cedar Creek Perry	Franklin
92017	Chowan River Harrell	Chowan
92205	Collins Site	Orange
92760	Columbus Swamp	Columbus
92226	Conoconnara Swamp	Halifax
92329	Crowns West	Onslow
92245	Crowther North South Yadkin River	Rowan
92547	Cutawhiskie creek	Hertford
92229	Daniels Farm #2	Franklin
92543	Davis Branch	Union
92157	Davis Tract-Yadkin River	Davie
92120	Deep - Horse Creek McKean	Moore
92092	Deep River Jordan	Moore
92093	Deep River M. Paschal	Moore
92533	Dog Bite Creek	Mitchell
92544	Duke Swamp	Gates
92116	Dutch Buffalo Creek Walker	Cabarrus
92117	Dutch Buffalo Creek Wickliff	Cabarrus
92107	Dutch Second Creek Hill	Rowan
92763	East Buffalo Creek	Graham
123	East Tarboro Canal (G)	Edgecombe
92172	Elk-Shoals-Methodist Camp	Ashe
92520	Ellington Branch	Warren
92552	Farrar Dairy	Harnett
92558	Fisher River Fisher Peak	Surry

Projects Transferred to Stewardship

Project ID	Project Name	County
92144	Fishing Creek (Capps Tract)	Warren
92038	Fishing Creek Capps Farm	Warren
92039	Fishing Creek Capps Forest	Warren
92020	Fishing Creek Edwards 1	Nash
92021	Fishing Creek Green	Warren
92041	Fishing Creek Hall	Edgecombe
92022	Fishing Creek IP/Alston	Warren
92044	Fishing Creek Shearin	Warren
92046	Fishing Creek Sturges	Franklin
92146	Flat River-Horton Grove	Durham
92812	Flint Rock Farm #2	Rockingham
92486	Floogie Site	Bertie
92228	Gatlin Swamp	Martin
854	Glade Creek	Alleghany
92096	Glendon Slate Creek Paschal	Moore
92219	Gray Farm	Iredell
92152	Great Coharie-TNC	Sampson
92124	Green River Boyer	Polk
92125	Green River Ward	Polk
92142	Guthrie Tract-Shelton Creek	Granville
92138	Harper Tract-Swift Creek	Franklin
92230	Harrell Site	Edgecombe
92118	Hitchcock Creek McDonald	Richmond
92523	Holly Grove	Guilford
92015	Hyco Lake Bessemer	Caswell
92550	Jarmans Oak	Onslow
197	Johnson Site (Hunting Creek)	Iredell
92160	Lambert Tract-Uwharrie River Bluff	Montgomery
92136	Langley Site-Cypress Creek	Franklin
92158	Len's Knob & Little Mountain	Surry
92143	Lester Capps Tract-Shocco Creek	Warren
733	Lewis Creek	Henderson
92161	Lewis Tract; Little River	Randolph
92112	Little River Baker	Randolph
92113	Little River Cochran	Montgomery
92759	Little River Farm	Montgomery
92114	Little River Parker	Randolph
92111	Little River Walbourn	Randolph
92023	Little Shocco Creek O'Neal	Franklin
92024	Little Shocco Creek Speed	Warren
92025	Little Shocco Creek Tomlinson	Franklin
92047	Little Shocco Creek Wheless	Franklin
749	Little Troublesome	Rockingham
92534	Little White Oak Creek	Polk
92248	Mark's Creek TESC	Wake

Projects Transferred to Stewardship

Project ID	Project Name	County
92328	Mason Farm	Hyde
242	McDonald's Pond	Richmond
92141	McNair Tract (Turpentine; LLC)-Aycock Creek	Granville
92105	Mill Creek Steele	Surry
256	Mocassin Creek (G)	Wake
92227	Modlin Site	Martin
92527	Morgan Creek	McDowell
92531	Morgan Creek (French Broad)	Haywood
258	Morgan Creek Floodplain	Orange
261	Naked Creek	Wilkes
92089	New Hope Creek Penny	Orange
92090	New Hope Creek Trinity School	Orange
92151	Newton Tract-White Pines	Chatham
441	Nicholls Farm (Troublesome Creek)	Bertie
92026	North Fork Upper Tar River Winslow	Granville
92611	North Muddy Creek	McDowell
92128	North Pacolet Childers	Polk
92170	Old Cove Tract-Green River-Burdett Property	Polk
283	Perry Property (UT to Pembroke)	Chowan
92159	Pickler's Bluff	Rowan
92518	Pinch Gut Tributary	Stokes
92548	Powell Property	Bertie
92522	Puzzle Creek	Rutherford
92167	Rankin Tract	Gaston
92050	Reedy Creek Johnston	Warren
92134	Roanoke River-IP-Blue Sky Timber Tract 42-14	Halifax
92135	Roanoke River-IP-Blue Sky Timber Tract 42-15	Halifax
92758	Rockwell Pastures	Stanly
317	Rowan Branch	Sampson
92052	Sandy Creek Mullen	Franklin
92028	Sandy Creek Parrish	Franklin
94148	Scaly Bark Creek Mitigation Site	Stanly
92081	Sevenmile Creek Camp Chestnut Ridge	Orange
92241	Sharpe Wetland Preservation	Rockingham
92029	Shelton Creek Peterson	Granville
92055	Shelton Creek Slaughter	Granville
92056	Shelton Creek Thorp/Morton	Granville
92030	Shelton Creek Tucker-Daniel 1	Granville
92018	Shelton Creek Tucker-Daniel 2	Granville
92031	Shocco Creek Alston 1; 2; 3	Franklin
92057	Shocco Creek D Davis	Warren
92137	Shocco Creek LLC-Little Shocco Creek	Franklin
92218	Silver Creek-Conway	Burke
92234	Simpson Wetland	Beaufort
92130	Skyuka Creek Luthi	Polk

Projects Transferred to Stewardship

Project ID	Project Name	County
92764	Snowbird Tributaries	Graham
92556	Stricker Branch	Cabarrus
92027	Swift/Sandy Creek A&P Timber	Franklin
92051	Swift/Sandy Creek Faulkner	Franklin
92054	Swift/Sandy Creek Young	Franklin
92032	Tar River Averett	Granville
92033	Tar River B Harris	Granville
92066	Tar River Betty Crews	Granville
92069	Tar River Dean	Granville
92034	Tar River Hodges	Franklin
92071	Tar River Oakley	Granville
92072	Tar River Pitts	Granville
92080	Tar River Pories	Pitt
92073	Tar River Roy Crews	Granville
92075	Tar River Sherman	Granville
92076	Tar River Sherman 2	Granville
92077	Tar River Smitherman	Granville
92524	Thompson's Fork and Tributary	McDowell
92557	Timberlake (Great Dismal Swamp)	Tyrrell
92528	Tributary to Reedy Fork Creek	Guilford
92347	UT Bear Creek (Weaver/McLeod property) (G)	Chatham
92598	UT to Back Creek	Orange
857	UT to Crab Creek	Alleghany
434	UT to Crooked Creek/Speas Property (G)	Franklin
93876	UT to Goose Creek (Coats)	McDowell
92694	UT to Haw (Beckom)	Alamance
94068	UT To The Lumber River	Robeson
92108	Uwharrie River Bingham	Montgomery
92109	Uwharrie River Cochran	Montgomery
92110	Uwharrie River Whatley	Randolph
92508	Wildcat Branch	Lee
92140	William O'Neal Tract-Swift Creek	Franklin
92165	Wimberley Tract-Nat's Creek	Moore
92551	Wolf Pond	Union

CFR Planning Framework

Watershed Planning budgets traditionally focus on finding adequate, cost effective mitigation projects that will provide the optimal environmental returns for the state's mitigation investments. The 2017 / 2018 biennial budget includes funding to complete the River Basin Restoration Priority (RBRP) update process and incorporate improvements to modeling capacity. The Division has improved its River Basin Restoration Priority (RBRP) processes to realize cost efficiencies and to improve the utility of planing products. The updated process emphasizes functional analyses at variable spatial scales and data will be used to further support LWP updates within high impact Cataloging Units based upon TIP prioritization.

In addition to the previously approved CF 02/03 regional plan, DMS has incorporated funding for the development of a regional watershed plan in FB 05 in anticipation of extensive future mitigation needs in this service area.

Current Watershed Plans (active contracts)*	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Watersheds									
RBRP and existing LWP updates	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 20,035	\$ -	\$ -	\$ 232,535
Subtotal - Project Development Current Contracts Projected Cost	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 20,035	\$ -	\$ -	\$ 232,535

Project Development - New Contracts Projected Cost**	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
CF 02/03 Regional Plan	\$ 21,250	\$ 21,250	\$ 42,500	\$ 42,500	\$ 63,750	\$ 62,000	\$ 25,500	\$ 21,250	\$ 300,000
FB 05 Regional Plan	\$ -	\$ -	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ 255,000
Subtotal - Project Development - New Contracts	\$ 21,250	\$ 21,250	\$ 85,000	\$ 85,000	\$ 106,250	\$ 104,500	\$ 68,000	\$ 63,750	\$ 555,000

CFR Planning Framework - TOTAL	SFY 2017 / 18				SFY 2018 / 19				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 63,750	\$ 63,750	\$ 127,500	\$ 127,500	\$ 148,750	\$ 124,535	\$ 68,000	\$ 63,750	\$ 787,535

NOTES:

*Estimated cost includes improvements to RBRP modeling capacity and application of data to update existing LWPs.

**FY 16/17 budget approved funding for CF 02/03 Regional Plan. Previously approved contingency funds are being applied to FB 05 Regional Plan.

RESOLUTION FOR FRANK V. AVENT

WHEREAS, the Halifax County Board of Commissioners desires to honor devoted public servant Frank V. Avent; and

WHEREAS, Frank V. Avent enjoyed a distinguished 23-year military career that included tours in Vietnam, Iceland and Germany and attained the rank of Major; and

WHEREAS, Frank V. Avent also enjoyed a distinguished career in banking that included management of branches in Hobgood, Middlesex, Bailey, Tarboro, Scotland Neck and other towns in eastern North Carolina; and

WHEREAS, Frank V. Avent is an active member and chairman of the Halifax County Economic Development Commission where his leadership is valued and appreciated by his fellow members; and

WHEREAS, Frank V. Avent is an active member and vice president of Halifax County Business Horizons Inc., where his motto, "Working together works," has become the official byline of the organization; and

WHEREAS, Frank V. Avent served as a member of the Board of Trustees of Halifax Community College and the Board of Directors of the Halifax County Convention & Visitors Bureau; and

WHEREAS, Frank V. Avent was presented the Order of the Long Leaf Pine in December 2013; and

WHEREAS, Frank V. Avent is the father of three remarkable sons and the grandfather of four grandchildren; and

WHEREAS, the Halifax County Board of Commissioners requests that a 3.7-mile section of N.C. 125 be named in his honor; and

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the portion of N.C. 125 from State Road 1100 to the Hobgood town limits as the *Frank V. Avent Highway*.

That appropriate signs will be erected at a suitable time.

Adopted, this the 29th day of June 2017 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR JIMMY GOINS

WHEREAS, the Robeson County Board of Commissioners desires to honor dedicated tribal advocate and veteran Jimmy Goins; and

WHEREAS, Jimmy Goins was a 1966 graduate of Prospect High School and later served in the U.S. Army as a member of the 2nd BN 504 Infantry, 82nd Airborne Division stationed in Fort Bragg, N.C. He served one tour in Vietnam and was awarded numerous recognitions and honors, including a Purple Heart for combat wounds and the Bronze Star Medal with "V" Device for valor, denoting his heroism in service; and

WHEREAS, Jimmy Goins attended Pembroke State College and earned a bachelor's degree in business. Afterward he began his professional career where he excelled in a variety of capacities that benefited the community. The positions included working at The Fillin' Station, as county environmental health inspector and as a small business owner and farmer. He operated North Carolina Insurance Services of Red Springs and Goins Farm, where he loved raising cows; and

WHEREAS, Jimmy Goins was a humble servant for the Lumbee People and the Lumbee Tribe of North Carolina where he served on the Tribal Council and later served as the tribal chairman from 2004 until 2010. He was committed to securing a better way of life for the Lumbees through his work in housing, education, traditions and economics for veterans, the elderly and youths. He was an ardent supporter of federal recognition for the Lumbee Tribe and wholeheartedly believed in continuing the process; and

WHEREAS, the Robeson County Board of Commissioners requests that a section of N.C. 71 be named in his honor; and

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the portion of N.C. 71 from Red Hill Road to Buie-Philadelphus Road as the ***Jimmy Goins Highway***.

That appropriate signs will be erected at a suitable time.

Adopted, this the 29th day of June 2017 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR ROGER WEST

WHEREAS, the Cherokee County Board of Commissioners desires to honor committed public servant Roger West; and

WHEREAS, Roger West served honorably as District 120's representative in the North Carolina General Assembly for 18 years; and

WHEREAS, Roger West has used his intelligence, enthusiasm, knowledge and leadership skills to improve the lives, fortunes and well-being of his fellow citizens and the constituents of Cherokee County; and

WHEREAS, Roger West served the United States in the Vietnam War; and

WHEREAS, Roger West supported organizations that work to end domestic violence in Cherokee County and other causes that enriched the lives of the people and communities in North Carolina and especially in western North Carolina; and

WHEREAS, the Cherokee County Board of Commissioners requests that the bridge over the Valley River on Casino Parkway be named in his honor; and

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names Bridge #274 over the Valley River on Casino Parkway in Cherokee County as the ***Roger West Bridge***.

That appropriate signs will be erected at a suitable time.

Adopted, this the 29th day of June 2017 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation



NORTH CAROLINA

Department of Transportation



DMS BIENNIAL BUDGET STATE FISCAL YEARS 2017/18 and 2018/19

Tim Baumgartner

Director, Div. of Mitigation Services, DEQ

June 28, 2017

Division of Mitigation Services

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

Summary

Restoration	\$ 70,943,473	90%
Administration	6,407,828	8%
Stewardship	900,000	1%
Planning Framework	787,535	1%

Biennial Total **\$ 79,038,836**

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

Restoration

\$ 29,022,373

**Anticipated payments this biennium
to fund 79 active projects.**

\$ 36,620,600

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

Stewardship

- Annual Compliance Monitoring.
 - \$900,000 budget line item.
 - Services contracted through Land Trusts.
 - Supplemented by DENR staff.

Any Questions?

Tim Baumgartner

Director

NC Division of Mitigation Services

Department of Environmental Quality

1652 Mail Service Center

Raleigh, NC 27699-1652

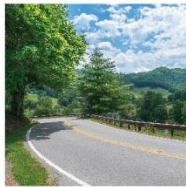
919-707-8543

<https://deq.nc.gov/about/divisions/mitigation-services>



NORTH CAROLINA

Department of Transportation



Release of the revised Draft 2018-2027 STIP

Van Argabright

STIP & Feasibility Studies Unit

June 2017

Current timeline for 2018-2027 STIP

<u>Date</u>	<u>Activity</u>
January 4, 2017	Draft 2018-2027 STIP was released. Final STIP approval originally scheduled for June 2017.
March 28, 2017 – May 9, 2017	9 public information sessions held across the State
June 28, 2017	Revised Draft 2018-2027 STIP released with enhanced schedules and additional projects
August 2017	NC Board of Transportation will be asked to approved final 2018-2027 STIP

Changes to Draft STIP (January to June)

Mode	# of additional projects	Funds added in 10 year STIP period
Highway	81	\$2.39 B
Aviation	11	\$6.7 M
Bike/Ped	20	\$22.0 M
Public Transportation	20	\$1.6 M
Ferries	1	\$18 M
Rail	10	\$107.5 M

Tier change	# of projects
Division Needs to Regional Impact	28
Regional Impact to Statewide	14

Project accelerations
348 projects accelerated



NORTH CAROLINA

Department of Transportation



Financial Update

As of May 2017

David Tyeryar, Chief Financial Officer

June 28, 2017

Financial Update

SFYTD 2017 as compared SFYTD 2016

Dollars in Millions	Month over Month		Year to Date		
	May '17	May '16	May '17	May '16	\$ Change
Collections	\$ 396	\$ 441	\$ 4,989	\$ 4,570	\$ 419
Expenditures	<u>464</u>	<u>410</u>	<u>4,709</u>	<u>4,257</u>	<u>452</u>
Net Change	\$ (68)	\$ 31	\$ 280	\$ 313	\$ (33)

	May '17	May '16
Cash Balances:		
Trust Fund	\$ 1,695	\$ 1,433
Highway Fund*	<u>367</u>	<u>284</u>
Totals	<u>\$ 2,062</u>	<u>\$ 1,717</u>

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

Revenue Summary May 2017

(\$ in Millions)

	May 2017	May 2016	Year Over Year				SFY Budget	
			2016-2017 Actual	2015-2016 Actual	\$	%	Annual Budget	%
State & Federal Collections:								
Highway Fund *	\$ 183.1	\$ 173.9	\$ 1,944.7	\$ 1,861.1	\$ 83.7	4%	2,048.7	95%
Highway Trust Fund *	128.7	121.8	1,359.6	1,290.9	68.7	5%	1,371.3	99%
Total State Funds	311.7	295.7	3,304.4	3,152.0	152.4	5%	\$ 3,420.0	97%
Federal Funds/Participation	52.2	99.8	1,061.5	1,083.5	(22.0)	-2%	1,257.7	84%
GARVEE Reimbursement/NCTA	31.8	45.6	623.3	334.8	288.5	-	N/A	N/A
Total	\$ 395.8	\$ 441.1	\$ 4,989.2	\$ 4,570.3	\$ 419.0	9%	\$ 4,677.7	107%
* Memo	May 2017	May 2016	Year Over Year				SFY Budget	
			2016-2017 Actual	2015-2016 Actual	\$	%	Annual Budget	%
Highway Fund & Trust Fund Details								
Motor Fuel Taxes	\$ 162.0	\$ 158.5	\$ 1,741.5	\$ 1,752.8	\$ (11.3)	-1%	\$ 1,782.8	98%
Highway Use Tax	67.8	62.2	710.9	658.8	52.1	8%	706.6	101%
DMV/Other Revenue	80.5	74.0	840.0	733.2	106.8	15%	927.6	91%
Investment Income	1.4	1.0	12.0	7.3	4.7	65%	3.0	N/A
Total	\$ 311.7	\$ 295.7	\$ 3,304.4	\$ 3,152.0	\$ 152.4	5%	\$ 3,420.0	97%

Expenditure Summary May 2017

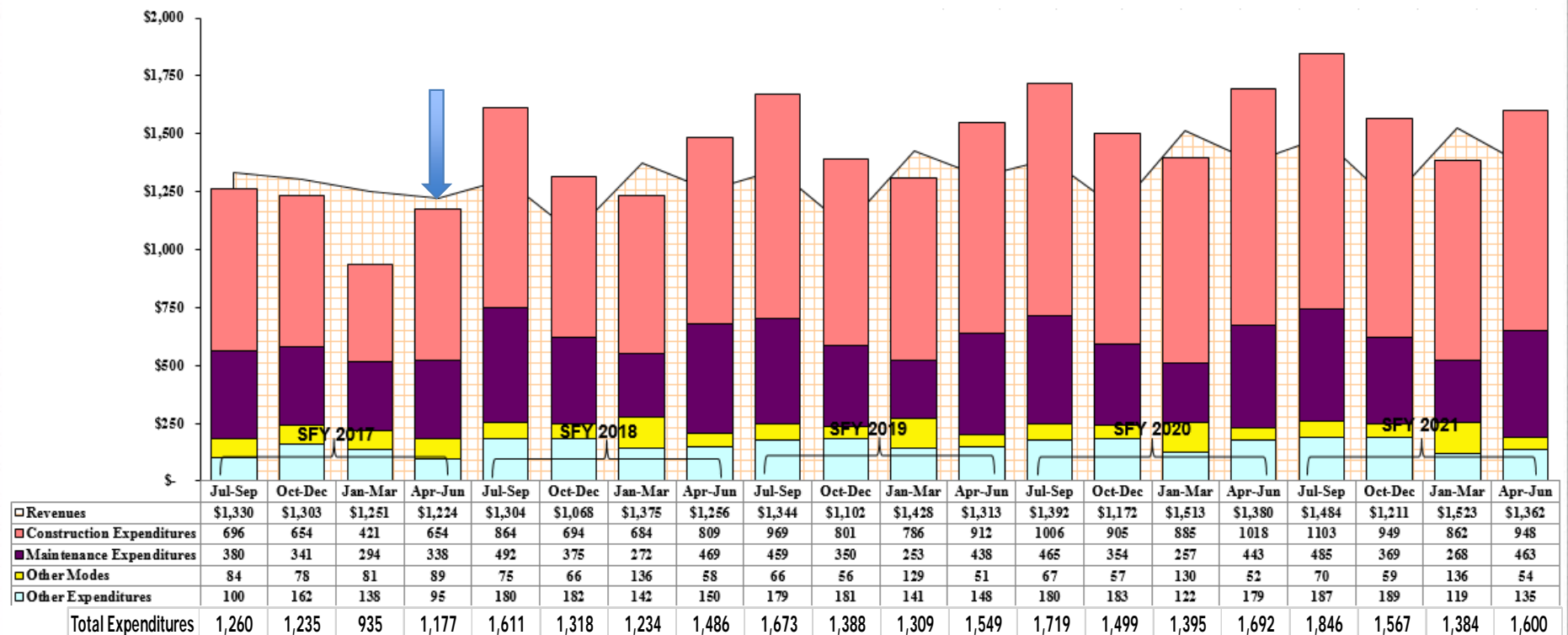
(\$ in millions)

			Year Over Year				SFY Annual Budget	
	May-17	May-16	2016-2017 Actual	2015-2016 Actual	\$	%	2016-2017 Budget	%
State & Federal Funded Programs:								
Construction	\$ 225.6	\$ 168.1	\$ 2,088.8	\$ 1,823.1	\$ 265.7	15%	\$ 2,304.7	91%
Maintenance	131.3	122.0	1,184.3	1,112.4	71.9	6%	1,293.0	92%
Public Transportation	6.9	6.6	108.8	114.9	(6.1)	-5%	126.9	86%
Other Modal/Other Programs	12.3	11.7	134.7	124.9	9.8	8%	231.9	58%
Administration	17.9	20.6	178.6	198.4	(19.7)	NA	316.9	56%
Municipal Aid	-	-	147.2	147.8	(0.6)	0%	147.5	100%
Transfers to Other Agencies	3.8	0.0	41.8	41.6	0.2	NA	47.3	88%
Total Expenditures	\$ 397.8	\$ 329.0	\$ 3,884.2	\$ 3,563.1	\$ 321.1	9%	\$ 4,468.2	87%
GARVEE/NCTA/Special Initiatives	\$ 66.2	\$ 80.7	\$ 824.8	\$ 693.9	\$ 130.8		209.5	
Total	\$ 463.9	\$ 409.7	\$ 4,708.9	\$ 4,257.0	\$ 451.9		4,677.7	

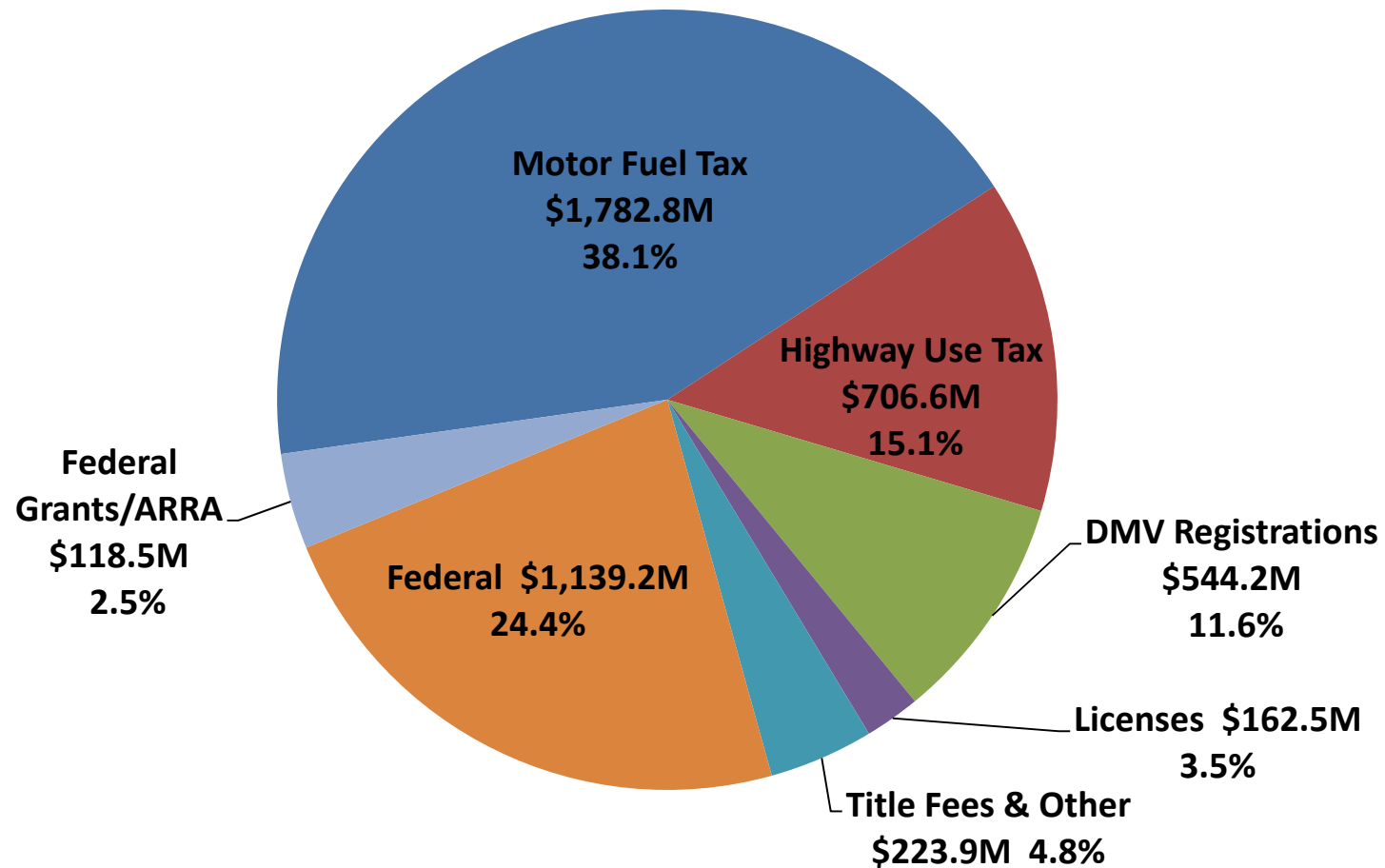
Revenue and Expenditure Variances as of May 2017

REVENUES		
State & Federal Funded Programs:		
	Variance >5%	Reason for Variance
Highway Use Tax	9%	Car sales have continued to rise because of buying incentives.
Motor Fuel Tax	6%	Motor fuel consumption is up because of higher diesel consumption
EXPENDITURES		
State & Federal Funded Programs:		
	Variance >5%	Reason for Variance
Other Modal/Other Programs	<34%>	Project issues have caused rail invoices to be delayed.
Administration	<36%>	Admin is down due to the IT carryforward. FY16 IT carryforward was \$61.4M.
Public Transportation	<6%>	Funds are being distributed quarterly instead of twice a year. Previously all funds would have been disbursed.

60 Month Revenue & Expenditure Projections as of May 2017

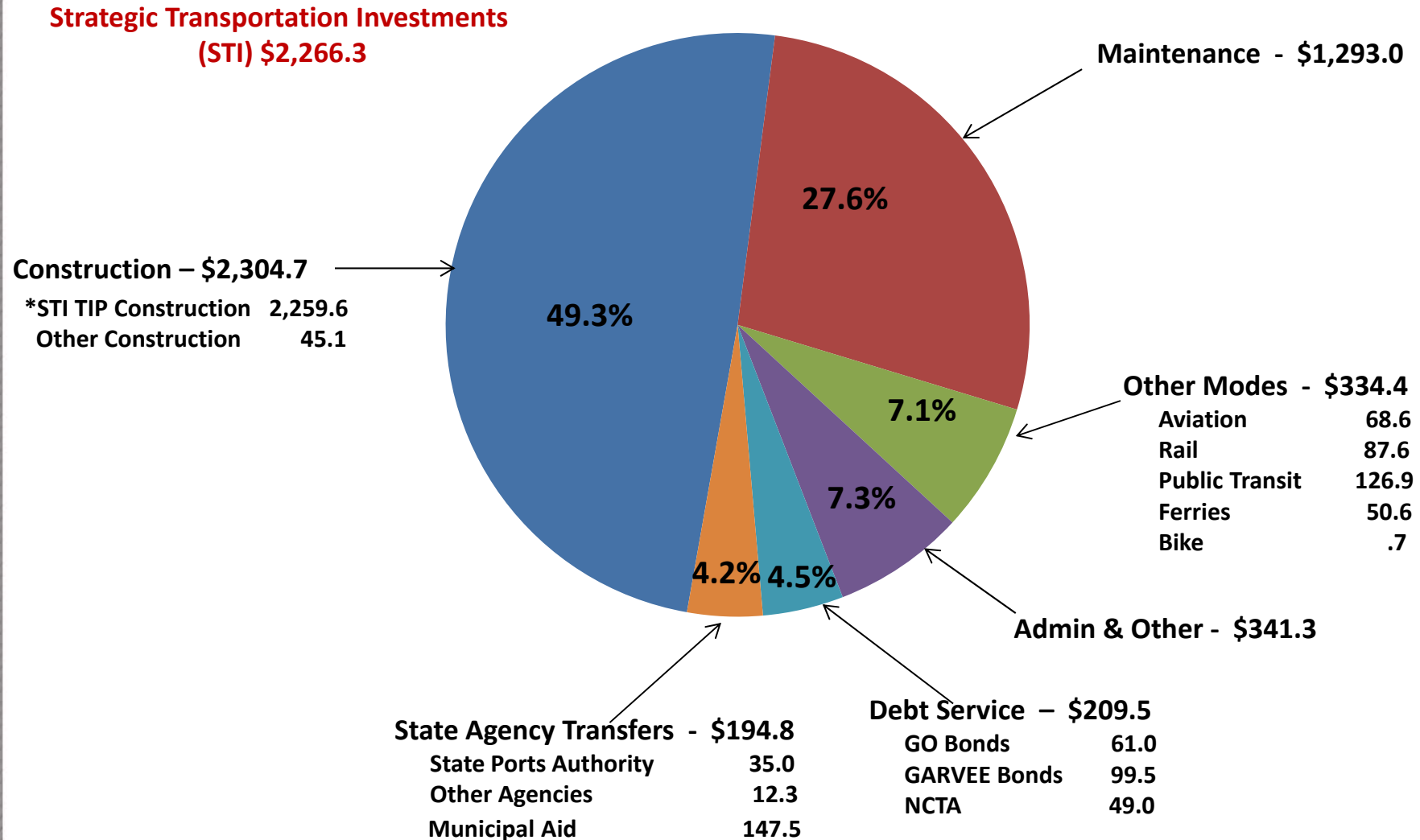


NCDOT Revenue Sources SFY2017 - \$4.7 Billion



Uses of 2016-17 NCDOT Appropriations

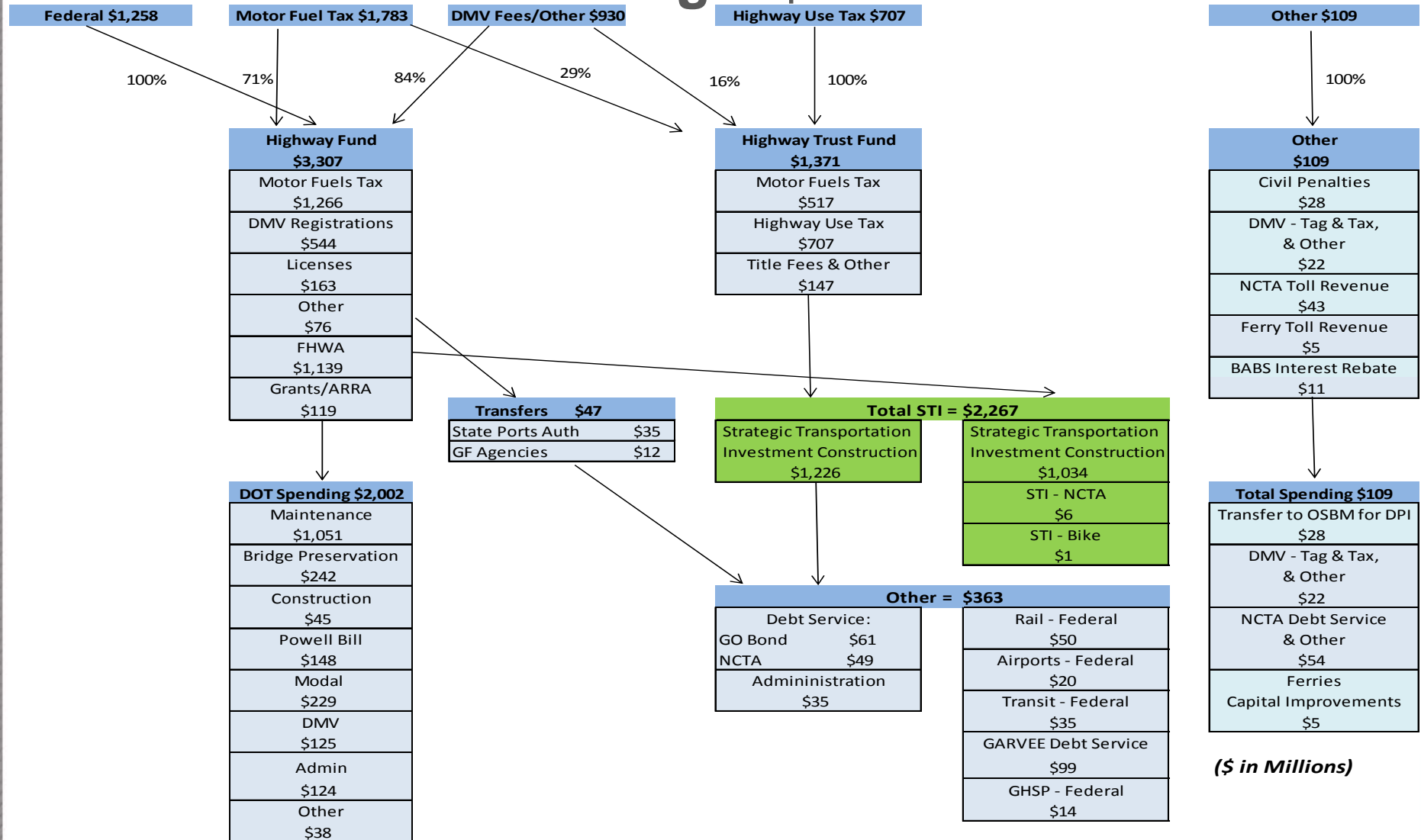
Total Funding = \$4.7 Billion



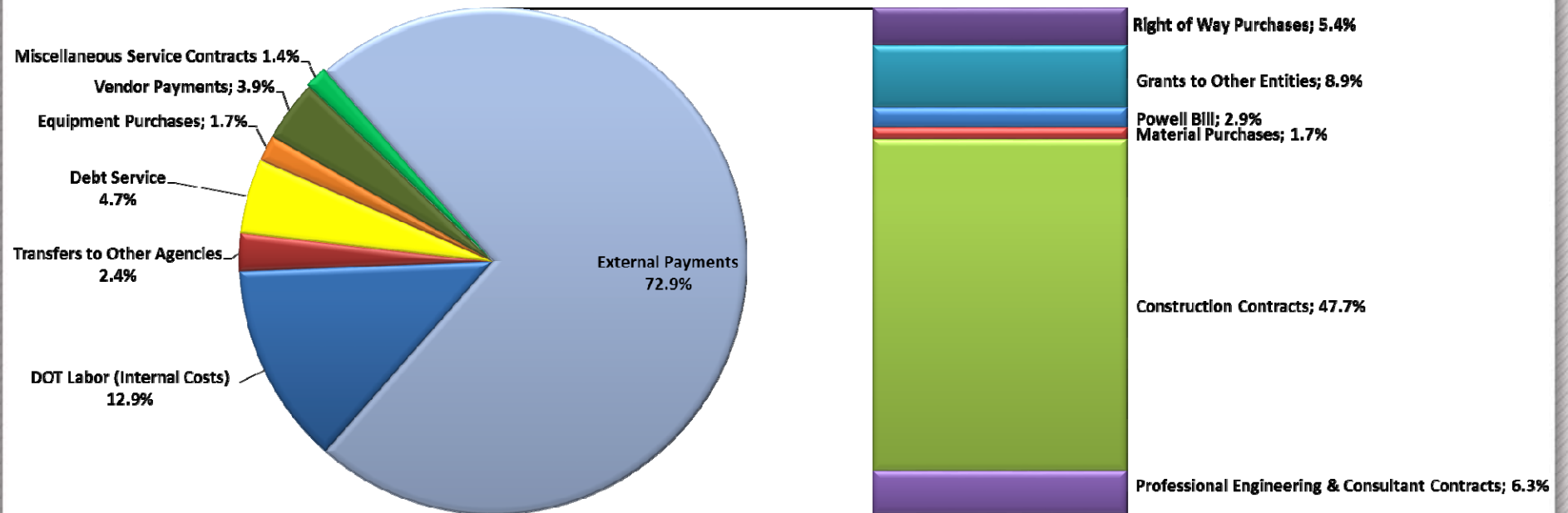
(\$ in millions)

SFY2017 NCDOT Sources and Uses

Total Funding = \$4.7 Billion



NCDOT Expenditures SFY2017 as of May 31, 2017

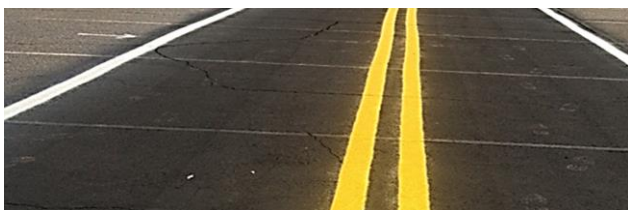




North Carolina Department of Transportation
Transportation Program Management Unit - Value Management
Innovative Technologies and Products Awareness Report
June 28, 2017

PRODUCT INNOVATION – PATTERN MASKING & PERFORMANCE PAVEMENT MARKINGS

Pattern masking is a black surface coating applied to a pavement surface when traffic patterns for work zones are revised. The masking covers the entire surface to provide a high-contrasting uniform surface to apply the new yellow and white performance lines as seen in the image below.



The placement of performance pavement markings on top of the pattern masking allows for clear lane delineations for drivers in work zones. The use of pattern masking eliminates the need to remove existing pavement markings using mechanical grinding, which may damage the roadway surface and create confusing pavement markings, as seen in the image below.



Requirements for the system include:

- A pavement masking thickness of 20 mil to ensure a 12-month service life (typical revised traffic pattern timeframe);
- A matte/non-glossy finish application to prevent glare
- Applying the masking in 6' minimum widths to ensure a uniform application in a lane;
- UV resistance (black color must not fade before 12 months);
- No Volatile Organic Compounds (VOCs) or petroleum;
- The ability to be resurfaced without removal of the masking and markings.

The pavement masking and performance pavement marking system was first field tested on the US 17/74 project in Wilmington. Lessons learned from the field test have resulted in adjustments which provide enhanced performance. NCDOT now requires this product in all Design-Build interstate projects to improve safety for motorists and workers in addition to saving time and money through the quick application process.

NCDOT is the first state to use this pavement masking and performance marking system. It was developed by Mr. Steve Kite, P.E. of NCDOT's Work Zone Traffic Control Unit and Magnolia Advanced Materials, Inc.

PRODUCT HIGHLIGHT – STALITE LIGHTWEIGHT AGGREGATE

1 lbs. Of Material per Cylinder



Stalite Lightweight Aggregate (SLWA) is produced primarily in Gold Hill, NC. Through a 2200°F heating process, slate rock is expanded to produce a high quality aggregate that is structurally strong, durable, and environmentally friendly. This lower-weight aggregate product can save material, labor, and transportation costs. It is used as a component in various highway construction applications including: asphalt surface treatments, concrete bridge decks, retaining wall backfill, and slope and subgrade stabilization.

For more information, including images of project locations in NC, follow the link to their website: <http://www.stalite.com>

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 3

U-5319	SR 1308 (GUM BRANCH ROAD), SR 1470 (WESTERN	RIGHT-OF-WAY	FY 2017 -	\$1,865,000	(STBG)
ONSLow	BOULEVARD) IN JACKSONVILLE. IMPROVE	CONSTRUCTION	FY 2020 -	\$2,950,000	(STBG)
PROJ.CATEGORY	INTERSECTION.			\$4,815,000	
TRANSITION	<u>ACCELERATE RIGHT-OF-WAY FROM FY 18 TO FY 17.</u>				

DIVISION 7

C-5555E	VARIOUS, SR 1546 (COLLEGE ROAD) AND SR 2179	RIGHT-OF-WAY	FY 2018 -	\$54,000	(CMAQ)
GUILFORD	(NEW GARDEN ROAD) IN GREENSBORO. CONSTRUCT		FY 2018 -	\$13,000	(L)
PROJ.CATEGORY	SIDEWALKS.	CONSTRUCTION	FY 2018 -	\$203,000	(CMAQ)
EXEMPT	<u>TO ALLOW ADDITIONAL TIME TO FINALIZE THE</u>		FY 2018 -	\$51,000	(L)
	<u>ENVIRONMENTAL DOCUMENT, DELAY RIGHT-OF-WAY</u>			\$321,000	
	<u>AND CONSTRUCTION FROM FY 17 TO FY 18.</u>				

DIVISION 9

* U-2579C	FUTURE I-74, WINSTON-SALEM NORTHERN BELTWAY,	CONSTRUCTION	FY 2018 -	\$15,375,000	(NHP)
FORSYTH	EASTERN SECTION, US 158 TO US 311		FY 2019 -	\$15,375,000	(NHP)
PROJ.CATEGORY	<u>GARVEE FUNDING REMOVED FROM CONSTRUCTION</u>		FY 2020 -	\$15,375,000	(NHP)
REGIONAL	<u>PHASE; TRADITIONAL FEDERAL FUNDING TO BE</u>		FY 2021 -	\$15,375,000	(NHP)
	<u>USED (CONSTRUCTION SCHEDULE REMAINS THE</u>	GARVEE RIGHT-O	FY 2018 -	\$558,000	(NHP)
	<u>SAME).</u>		FY 2019 -	\$558,000	(NHP)
			FY 2020 -	\$558,000	(NHP)
			FY 2021 -	\$558,000	(NHP)
			FY 2022 -	\$558,000	(NHP)
			FY 2023 -	\$558,000	(NHP)
			FY 2024 -	\$558,000	(NHP)
			FY 2025 -	\$558,000	(NHP)
			FY 2026 -	\$558,000	(NHP)
			FY 2027 -	\$558,000	(NHP)
			POST YR-	\$1,674,000	(NHP)
				\$68,754,000	

DIVISION 10

* P-5705BA	CHARLOTTE, CHARLOTTE GATEWAY STATION -	CONSTRUCTION	FY 2018 -	\$25,000,000	(DP)
MECKLENBURG	TRACK, STRUCTURE, AND SIGNALS		FY 2018 -	\$2,000,000	(STBGDA)
PROJ.CATEGORY	<u>BREAK PROJECT P-5705 B INTO SEGMENTS BA, BB,</u>		FY 2018 -	\$30,000,000	(T)
REGIONAL	<u>BC FOR CONSTRUCTION.</u>		FY 2018 -	\$500,000	(S(M))
				\$57,500,000	

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

* INDICATES FEDERAL AMENDMENT

Thursday, June 29, 2017

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

* P-5705BB	CHARLOTTE, CHARLOTTE GATEWAY STATION -	CONSTRUCTION	FY 2018 -	\$5,000,000	(DP)
MECKLENBURG	PLATFORM AND CANOPY		FY 2018 -	\$4,800,000	(STBGDA)
PROJ.CATEGORY	<u>BREAK PROJECT P-5705 B INTO SEGMENTS BA, BB,</u>		FY 2018 -	\$1,200,000	(S(M))
REGIONAL	<u>BC FOR CONSTRUCTION.</u>			\$11,000,000	

* P-5705BC	CHARLOTTE, CHARLOTTE GATEWAY STATION -	CONSTRUCTION	FY 2019 -	\$8,200,000	(STBGDA)
MECKLENBURG	STATION AND PASSENGER SERVICE RELOCATION		FY 2019 -	\$2,050,000	(S(M))
PROJ.CATEGORY	<u>BREAK PROJECT P-5705 B INTO SEGMENTS BA, BB,</u>			\$10,250,000	
REGIONAL	<u>BC FOR CONSTRUCTION.</u>				

U-5112	STALLINGS, SR 1364 (PLEASANT PLAINS ROAD) AT SR	CONSTRUCTION	FY 2018 -	\$500,000	(HSIP)
UNION	1357 (POTTERS ROAD) IN STALLINGS. CONSTRUCT		FY 2018 -	\$1,600,000	(STBGDA)
PROJ.CATEGORY	INTERSECTION IMPROVEMENTS INCLUDING LEFT		FY 2018 -	\$400,000	(L)
TRANSITION	TURN LANES AND MODIFICATION OF TRAFFIC SIGNAL.			\$2,500,000	
	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>				
	<u>CONSTRUCTION FROM FY 17 TO FY 18</u>				

DIVISION 12

* C-5623	CRAMER MOUNTAIN ROAD, BALTIMORE DRIVE TO	RIGHT-OF-WAY	FY 2017 -	\$5,000	(CMAQ)
GASTON	SOUTH NEW HOPE ROAD. CONSTRUCT SIDEWALK.		FY 2017 -	\$2,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2018 -	\$360,000	(CMAQ)
EXEMPT	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17</u>		FY 2018 -	\$110,000	(L)
	<u>AND CONSTRUCTION FROM FY 17 TO FY 18 AT</u>			\$477,000	
	<u>REQUEST OF MUNICIPALITY</u>				

DIVISION 14

EB-5759	PENIEL ROAD, WALKER ROAD TO WHEELER ROAD.	RIGHT-OF-WAY	FY 2018 -	\$60,000	(TAP)
POLK	CONSTRUCT SIDEWALK.		FY 2018 -	\$15,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2018 -	\$120,000	(TAP)
DIVISION	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18</u>		FY 2018 -	\$30,000	(L)
	<u>AND CONSTRUCTION FROM FY 17 TO FY 18</u>			\$225,000	

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

* INDICATES FEDERAL AMENDMENT

NCDOT Board of Transportation Agenda
Public Transportation Program
STIP Handout

ITEM I – 1B
1 of 2

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.

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TQ-6957	Charlotte Area Transit System	Operating projects for enhanced Mobility of Seniors and Individuals with disabilities	FEDP	5310	327	305	314	323			
			Local	L	327	305	314	323			
TQ-7009	Charlotte Area Transit System	Administrative oversight for Enhanced Mobility of Seniors and Individuals with disabilities	FEDP	5310	161	34	35	36			
TQ-6957	Charlotte Area Transit System	Enhanced Mobility of Seniors and Individuals with disabilities	FEDP	5310	1,119	678	699	720			
			Local	L	280	170	175	180			
TO-4705	City of Asheville (ART)	Asheville Redefines Transit. Transit Operations. Update funding amounts for FY 2016, 2017, 2018 and 2019. Add federal and local funding for FY 2020. Add SMAP funding for FY 2016-2020.	FUZ	5307	600	600	600	600			
			Local	L	600	600	600	600			
			SMAP	S	654	765	765	765			
TP-5113	City of Asheville (ART)	Asheville Redefines Transit. Planning Assistance. Increase federal funding amount.		FMPL	60	60	60	60	60	60	
TD-5282	City of Asheville (ART)	Asheville Redefines Transit. Transit Station Renovation. Shift this project to FY 2018 to allow more time for planning and design		FBUS		484					
				Local		517					
TQ-7010	City of Asheville (ART)	Asheville Redefines Transit. 5310 Administrative Oversight. Modify funding amounts for FY 2019		FEPD			30				
TQ-6186	City of Asheville (ART)	Asheville Redefines Transit. 5310 Traditional Projects. Modify funding amounts for FY 2019		FEPD			200				
				Local			50				
TQ-6187	City of Asheville (ART)	Asheville Redefines Transit. 5310 Other Projects. Modify funding amounts for FY 2019.		FEPD			94				
				Local			94				
TG-6183B	City of Asheville (ART)	Asheville Redefines Transit. Transit Preventative Maintenance. Add "and routine capital" to the description. Add funding for FY 2020.		FUZ				800			
				Local				200			
TM-5138	City of Asheville (ART)	Buncombe County-Black Mountain Trailblazer Service. Operating Assistance. Add JARC funding for FY 2018. Modify funding type. Modify counties served (remove Henderson) and Divisions served (remove Division 14).		FUZ 5307		83					
				Local		83					

June 29, 2017

TM-5137	City of Asheville (ART)	City of Asheville Black Mountain Transit Service. Jobs Access Reverse Commute Operating Assistance. Add funding for FY 2018.		FUZ 5307		105					
				Local		105					
TM-5315	City of Asheville (ART)	ART Limited Sunday Service on Nine Routes Operating Assistance (JARC Funding). Add funding for FY 2018		FUZ 5307		187					
				Local		187					
TM-5163	City of Asheville (ART)	City of Asheville Administrative Oversight of JARC projects in the Asheville Urbanized Area (JARC Funding) Add funding for FY 2018.		FUZ 5307		49					
TG-5241	Winston Salem Transit	Preventive Maintenance	FUZ	5307	4054	2100					
			Local	L	1013	525					

ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TG-6180	Winston Salem Transit	Routine Capital Projects	FUZ	5307	746	520					
			Local	L	186	130					
TO-5126	Winston Salem Transit	Operating Assistance	FUZ	5307	1406	906	906	906	906	906	
			Local	L	1406	906	906	906	906	906	

DELETIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)
TM-5006	City of Asheville (ART)	Asheville Redefines Transit. Transit Operations. Delete federal and local funding for JARC projects starting in FY 2018. JARC funding to be programmed under separate projects going forward.		JARC		153	153	153	153	153	
				Local		153	153	153	153	153	
TD-5282	City of Asheville (ART)	Asheville Redefines Transit. Transit Station Renovation. Shift this project to FY 2018 to allow more time for planning and design		FBUS	484						
				Local	517						
TG-4704	City of Asheville (ART)	Asheville Redefines Transit. Routine Capital-Bus Stop Shelters, Benches, Shop Equipment, Spare Parts, Engines, Farebox, Service Vehicles, Etc. Delete funding starting in FY 2018. Project TG-6183B to include ART transit routine capital projects going forward.		FUZ		80	80	80	80	80	
				Local		20	20	20	20	20	

Item I-1B, 17 Projects, Total Federal/State funds \$25,405,000



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS MEETING MINUTES

DATE: 5/31/17 TIME: 4:15 LOCATION: 150

MEETING CALLED BY	Chairwoman Valerie Jordan
BOARD ATTENDEES	Andy Perkins, Cullie Tarleton, Billy Clarke, Gus Tulloss, Daniel McComas

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF MAY 3 MINUTES – CHAIRMAN JORDAN	
DISCUSSION SUMMARY	Chairwoman Jordan reminded members of the committee that the minutes from the May 3, 2017 committee meeting were distributed for review prior to today's meeting. Chairwoman Jordan asked for a motion to approve the minutes as distributed.
ACTIONS TAKEN	A motion to approve the May 3, 2017 EDIR committee meeting minutes as distributed was made by Mr. Cullie Tarleton and seconded by Mr. Billy Clarke. The committee approved unanimously.
2. REVIEW OF EDIR COMMITTEE PRIORITIES – CHAIRMAN VALERIE JORDAN	
DISCUSSION SUMMARY	<p>Chairwoman Valerie Jordan highlighted four (4) top priorities that the EDIR Committee in the coming comes.</p> <ol style="list-style-type: none">1. Advanced Technology (consider forming an ad-hoc Technology Advisory Board)2. Partnership with DBE & HBCU's3. Infrastructure Connectivity (via Ports, Rail, Global TransPark, Aviation)4. Intergovernmental relationships <p>Chairwoman Jordan shared that the committee will focus on Tourism during the June 28 committee meeting. There will be no committee meeting in August. September's committee meeting will focus on advanced technology and goals associated with the Disadvantaged Business Enterprise, Minority Business Enterprise, Woman Business Enterprise, and the Small Professional Services Firm programs.</p>
ACTIONS TAKEN	No action taken
3. DISADVANTAGED BUSINESS ENTERPRISE (DBE)/MINORITY BUSINESS ENTERPRISE (MBE) /WOMAN BUSINESS ENTERPRISE(WBE) PROGRAM UPDATE – BENNY SLOAN, OFFICE OF CIVIL RIGHTS	
DISCUSSION SUMMARY	<p>Benny Sloan, from Office of Civil Rights, presented an update presentation on the DBE, MBE and WBE programs. Members of the committee asked several questions related to goal setting and causes for past performance that did not meet goals.</p> <p>Chairwoman Jordan requested information pertaining to the Small Professional Services Firm (SPSF) program for the committee to review. Additionally, prior goal attainment related to the SPSF program was requested for review by the committee too.</p>
ACTIONS TAKEN	. No action taken.

Adjourned 5:13



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) AGENDA

BOARD OF TRANSPORTATION JUNE 28, 2017

TIME: 3:40

LOCATION: Room 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of May 31, 2017 Meeting Minutes	Valerie Jordan, Committee Chair	3:40pm- 3:45pm
Tourism Event Discussion	Tracy Dodson, Board Member Brandon Jones, Division 8 Engineer Louis Mitchell, Division 10 Engineer Ed Greene, Division 14 Engineer	3:45pm- 4:45pm
General Economic Development Discussion	EDIR Committee Members	4:45pm- 4:55pm
Comments and Wrap up	Valerie Jordan, Committee Chair	4:55pm- 5:00pm
Adjourn	Valerie Jordan, Committee Chair	5:00pm



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

DATE: May 31, 2017 TIME: 4:15pm LOCATION: EIC

MEETING CALLED BY	Chairman Tony Lathrop
BOARD ATTENDEES	Tony Lathrop, David Tyeryar, Allen Moran, Jack Debnam, Mike Wells, Grady Hunt, Nina Szlosberg-Landis

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF JANUARY EDIR/FAST MEETING MINUTES AND MAY FAST MEETING MINUTES – CHAIR TONY LATHROP

DISCUSSION SUMMARY	January EDIR/FAST Meeting Minutes and May FAST Meeting Minutes
ACTIONS TAKEN	Approved Unanimously

2. HISTORY OF FAST COMMITTEE TOPICS – CHAIR TONY LATHROP

DISCUSSION SUMMARY	<p>Fast Committee Topics – Tony met with Ann Dishong and Bobby Lewis pertaining to the history of topics. Creative funding ideas, talking about where they may fit in as we move in to our term on this board. P3's, tolls, equity, different kinds of debts, bonds, user fees, and special local taxes. Get the revenue forecast at a minimum on a monthly basis. See how consumption is affecting the highway use tax and watching our cash trends.</p> <p>Purpose and Need: (technology) Congestion, Highway use, mitigation around weaving, merging, etc. Smart vehicles travel as much as regular vehicles, however, they aren't paying their fair share of taxes, etc. More car sharing 10-15 years.</p> <p>Closed sessions - a lot of money needs to be looked at. Where is money coming from? Billion over right now from a cash standpoint. Need to be saving some funds.</p> <p>Future topic - Be mindful of what should be in closed session and what should not. When is a good time to discuss what was in closed discussion should be in next closed session.</p> <p>Does state have any dollars or using outside PR Companies to promote or agree to policies? Like toll roads, do we have anyone to promote? Hot button issues... Need viable policy. There are strong restrictions on what we can use public funds for. Advocating is not one. You can use to present and educate. Other places they form a 501c6 or a C3 and raise public funds and that public entity will be the advocate. Done with all private sector dollars. Can't do that with public.</p> <p>Cash balance – David Tyeryar (slide 5) 4 Projects – Monroe Expressway, Triangle Expressway, Bonner Bridge and 485 Contribute about \$1 Billion to the cash balance. We could have burned through that cash and do irresponsible things. But we didn't. Monroe Expressway- Shut down for a year. (Slide 6) Think we are sitting on \$2 Billion but aren't. Cost went up \$90M dollars. Refinanced projects and saved 140M.</p>
--------------------	--



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

2. HISTORY OF FAST COMMITTEE TOPICS – CHAIR TONY LATHROP

	We don't control when projects get caught up in litigation. If projects have gone off on time, the money would not be sitting in the cash balance. We are not sitting on excess cash. The funds have already been obligated.
ACTIONS TAKEN	N/A

3. BUDGET OVERVIEW PRESENTATION – DAVID TYERYAR

DISCUSSION SUMMARY	Presentation - House and Senate Budget are a little different. Highway Funds, maintenance, contract resurfacing, and General is relatively the same. Budget is based on Highway fund revenue. Motor fuel tax will increase due to increase in motor fuel tax rate. Consumption is expected to drop due to higher gas prices, high fuel efficiency and slower car sales. Revenue from licenses and fees will grow due to increase in state population and growing economy. Both Senate and House eliminate \$35 million transfer to the State Ports Authority from the Highway Fund. The House decreased the revenue available by transferring \$0.20 of the certificate of title fee to the Dept. of Environmental Equality.
ACTIONS TAKEN	N/A

4. TRANSPORTATION FUNDING – BURT TASAICO

DISCUSSION SUMMARY	Burt Tasaico will continue the presentation at the July Committee meeting.
ACTIONS TAKEN	N/A

5. MEETING ADJOURNED – CHAIR TONY LATHROP

DISCUSSION SUMMARY	Chair Tony Lathrop adjourned meeting at 5:15pm
ACTIONS TAKEN	Motion to adjourn moved by Jack Debnam and second by Allen Moran



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE AGENDA

BOARD OF TRANSPORTATION JUNE 28, 2017

TIME: 3:40pm-5:00pm

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of June 2017 FAST Meeting Minutes	Tony Lathrop, Chair	3:40pm
CFO Reports	David Tyeryar	3:45pm
Appraisal/ROW presentation	Greg Perfetti	4:00pm
Transportation Funding	Burt Tasaico	4:20pm
Adjourn	Tony Lathrop, Chair	5:00pm



HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 5-31-2017 **TIME:** 2:45 PM – 4:05 PM **LOCATION:** Room 150

MEETING CALLED BY	Chairman Tarleton
BOARD ATTENDEES	Committee: Chairman Cullie Tarleton, Landon Zimmer, Gus Tulloss, Terry Hutchens, Michael Wells, Jack Debnam, Grady Hunt

AGENDA TOPICS

1. APPROVAL OF MAY MINUTES	
DISCUSSION SUMMARY	Motion to approve made by Board Member Debnam, seconded by Board Member Hutchens.
ACTIONS TAKEN	Motion to approve minutes as written passed unanimously.
2. P3 CONTRACT REVIEW UPDATE - BEAU MEMORY AND JIM TAYLOR, MERCATOR, INC.	
DISCUSSION SUMMARY	Mr. Beau Memory and Mr. Jim Taylor, Mercator, Inc., provided a preliminary report of the study of the Department's P3 contract. The objective of the study is to identify and evaluate potential policy options that might address concerns expressed by members of the public regarding the implementation of the managed toll lanes concept and various provisions in the agreement. The presentation reviewed overarching concerns expressed by members of the public and frequent contract questions. Next steps in the project review include evaluations of the public suggestions and factors that need to be considered to implement suggestions received, which include safety and environmental impacts, legislative and regulatory authority, funding constraints, etc. Draft Findings and Options will be presented in July to the Charlotte Regional Transportation Planning Organization and in August to the North Carolina Board of Transportation and the North Carolina Turnpike Authority Board.
ACTIONS TAKEN	N/A
3. LITTER REMOVAL PROGRAM – DON LEE, NCDOT STATE ROADSIDE ENVIRONMENTAL ENGINEER	
DISCUSSION SUMMARY	Mr. Don Lee, NCDOT's State Roadside Environmental Engineer, provided a presentation of Litter Removal on North Carolina Highways. He discussed the various NCDOT programs that remove litter from NC highways, including the Adopt-a-Highway program, the Sponsor-a-Highway program, Litter Removal Contracts, Inmate Litter Pickup and NCDOT forces. The Adopt-a-Highway Program has over 4,700 volunteer groups that cover 9,814 miles. The Sponsor-a-Highway Program is a new sponsorship program that covers 231 miles. The interstate routes are covered 100% with litter removal contracts and the Sponsor-a-Highway program. There are less inmates picking up litter now due to extensive prison closings. Over 5.5 Million pounds of litter were removed from NCDOT roadways in one year. Mr. Lee also discussed enforcement and education efforts regarding litter.
ACTIONS TAKEN	N/A



HIGHWAYS COMMITTEE MEETING MINUTES

4. SAFETY PERFORMANCE MEASURES – KEVIN LACY, STATE TRAFFIC ENGINEER

DISCUSSION SUMMARY

State Traffic Engineer, Mr. Kevin Lacy, presented information to the Committee regarding Safety Performance Measures which are Federal Highway regulations to implement MAP-21 Performance Management requirements. The five performance measures are:

- Number of Fatalities
- Fatality Rate
- Number of Serious Injuries
- Serious Injury Rate
- Number of Non-Motorized Fatalities and Serious Injuries.

Targets for each of the performance measures will be established annually, based on the calendar year. Performance measures will use 5-year rolling averages. The targets must be identical to NHTSA HSP targets for common measures. States must coordinate with MPOs on establishing targets. States would have “Met” or “Made Significant Progress” towards meeting Performance Targets if: 4 out of 5 targets are “Met” or 4 out of 5 targets are better than performance for year prior to establishing targets.

Additional Legislative Mandates related to High-Risk Rural Road (HRRR) Safety and Older Drivers were discussed. If fatality rate on rural roads increases over a 2-year period, the State must obligate for projects on HRRRs at least 200% of FY09 HRRR program. If fatalities and serious injuries per capita for road users over 65 increases during a 2-year period, the State must include strategies in SHSP, considering Older Driver Handbook recommendations.

ACTIONS TAKEN

N/A



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION JUNE 28, 2017

TIME: 2:10 PM – 3:30 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of May 31, 2017 Meeting Minutes	Cullie Tarleton, Chair	2:10 pm
Project Spotlight: NCDOT Division 2 Gallant's Channel	John Rouse, P.E.	2:15 pm
NCDOT Safety & Risk Management	Rob Barfield	2:35 pm
North Carolina Turnpike Authority: Automated Vehicle Proving Grounds	Beau Memory	2:55 pm
Other Discussion	Cullie Tarleton, Chair	3:15 pm
Adjourn	All	3:30 pm



NORTH CAROLINA

Department of Transportation



US 70 / Gallants Channel Bridge Replacement

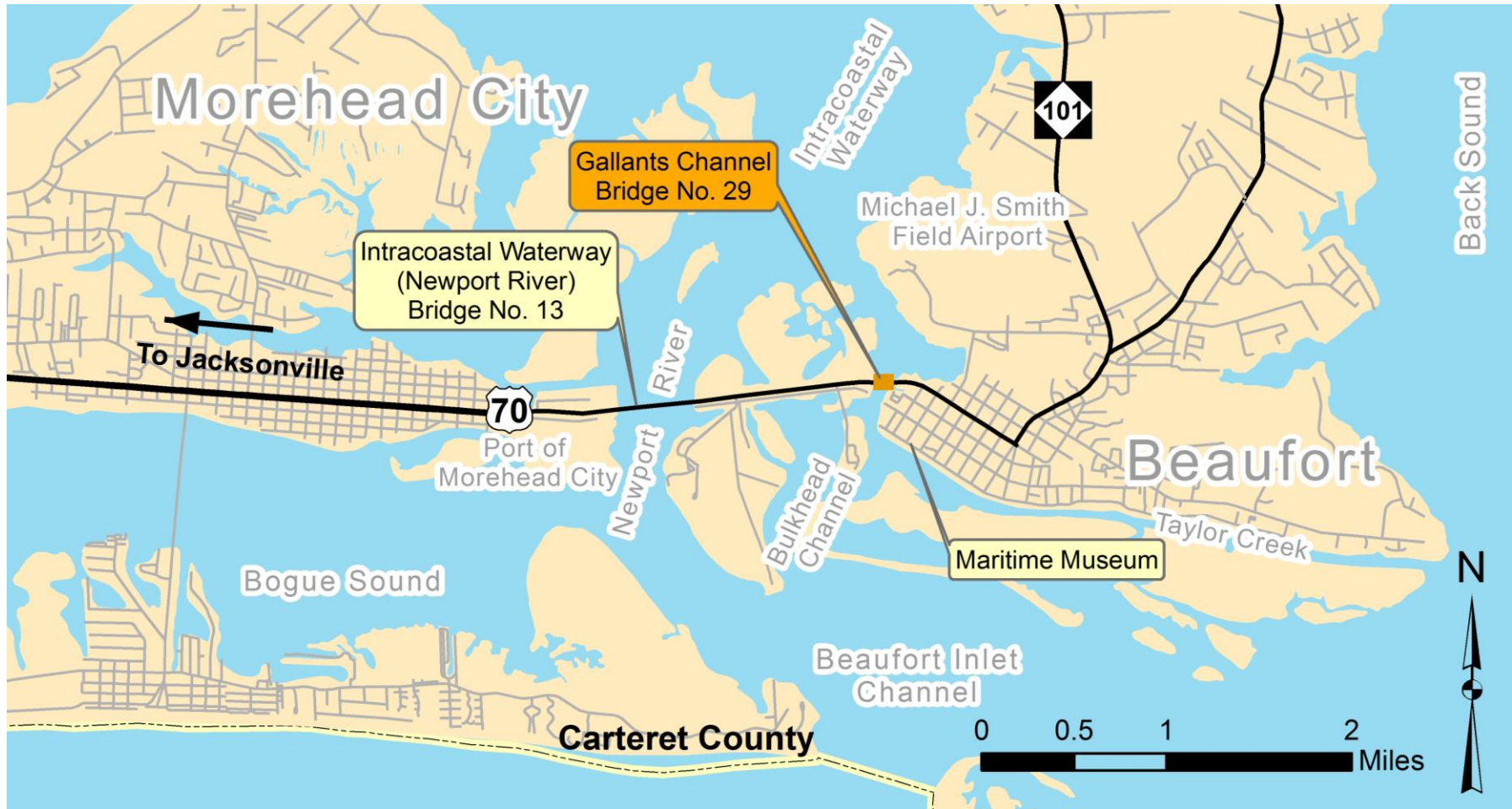
June 28, 2017 Board of Transportation Meeting

John Rouse, Division Two Engineer

Agenda

- NEPA/ Planning Challenges
- Post-NEPA Project Challenges
- Construction Update

Project Location



Why is the Project Needed?

- Proposed Improvements (STIP Project R-3307)
 - Widen US 70
 - Replace existing drawbridge (constructed in 1957)
- Purpose of Project
 - Increase traffic carrying capacity of US 70
 - Eliminate delays to both boating and vehicular traffic due to drawbridge openings

Project History

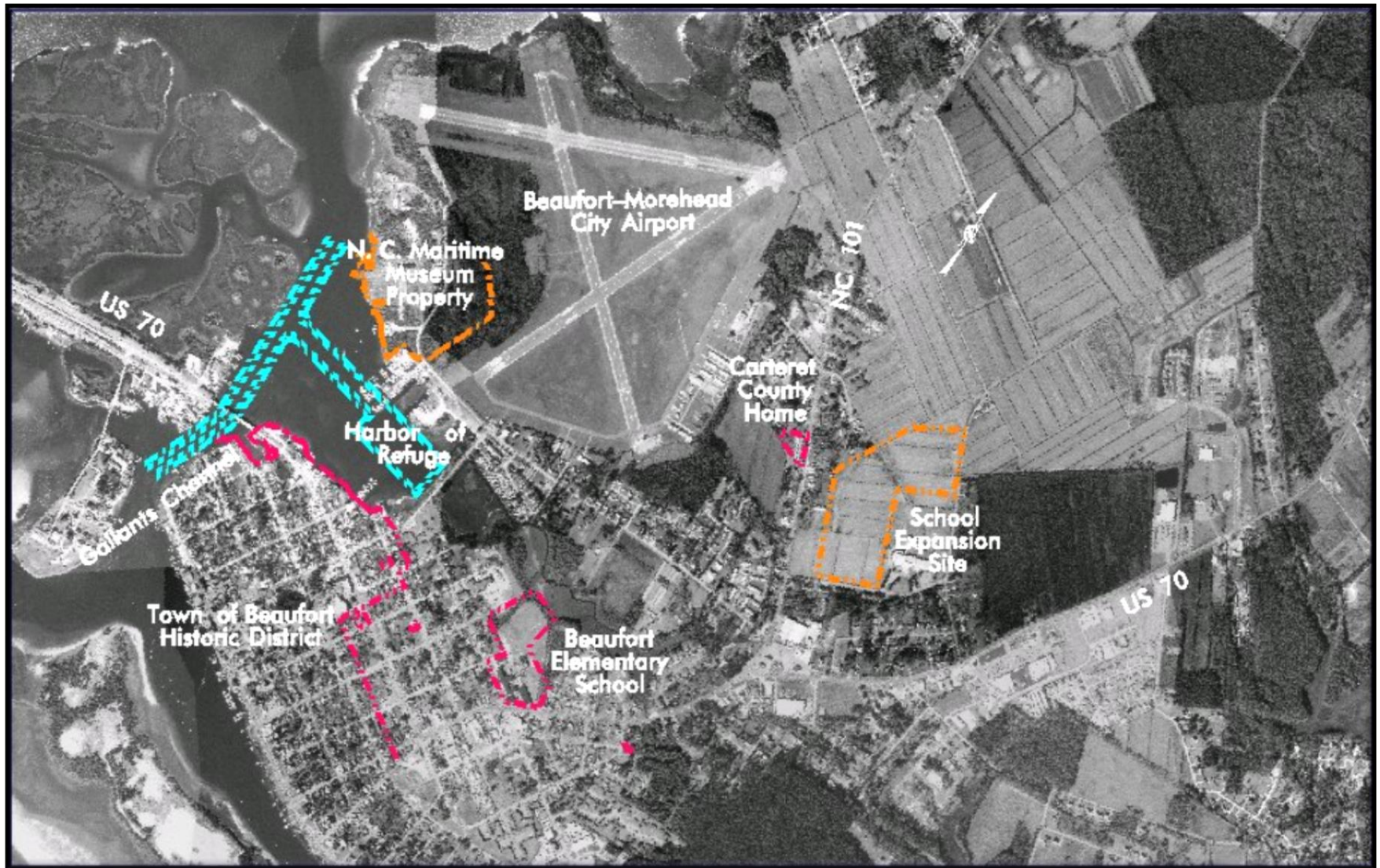
- 1998 - Began Planning and Environmental Studies
- Purpose of Project
 - Increase the Traffic Capacity of US 70 by Widening Existing US Highway 70 to a Multi-Lane Facility
 - Eliminate Delays to Vehicular and Boating Traffic Due to Drawbridge Openings by Replacing the Grayden Paul Drawbridge with a Fixed Span High-Rise Bridge



Grayden Paul Drawbridge
was completed in 1957.



Environmental Study



Environmental Study

Environmental Resources (1998)

- Downtown Beaufort Historic District
- Other Historic Properties
- Local Marinas
- NC Maritime Museum (Expansion Property)
- Beaufort-Morehead City Airport
- Harbor of Refuge
- Wetlands and Streams
- Elementary School and Expansion Property

Study Alternatives

Alternatives, including:

- No Build
- Transportation System Management (TSM)
- Maintain Existing Drawbridge
- New Drawbridge (Mid or High Rise)
- High Rise Fixed Span Bridge (65-ft)
- Tunnel under Gallants Channel
- Connectors on Queen, Pollock & Turner Streets

Environmental Study

Environmental Study:

- Began: 1998
- EA approved: 2004
- Recommended
Alternative (LEDPA):
2005
- FONSI approved: 2006

Recommendation:

- Primary new location, 4-lane
with median
- Replace drawbridge with a
fixed span bridge
- Provide 65-ft vertical
clearance for boating traffic

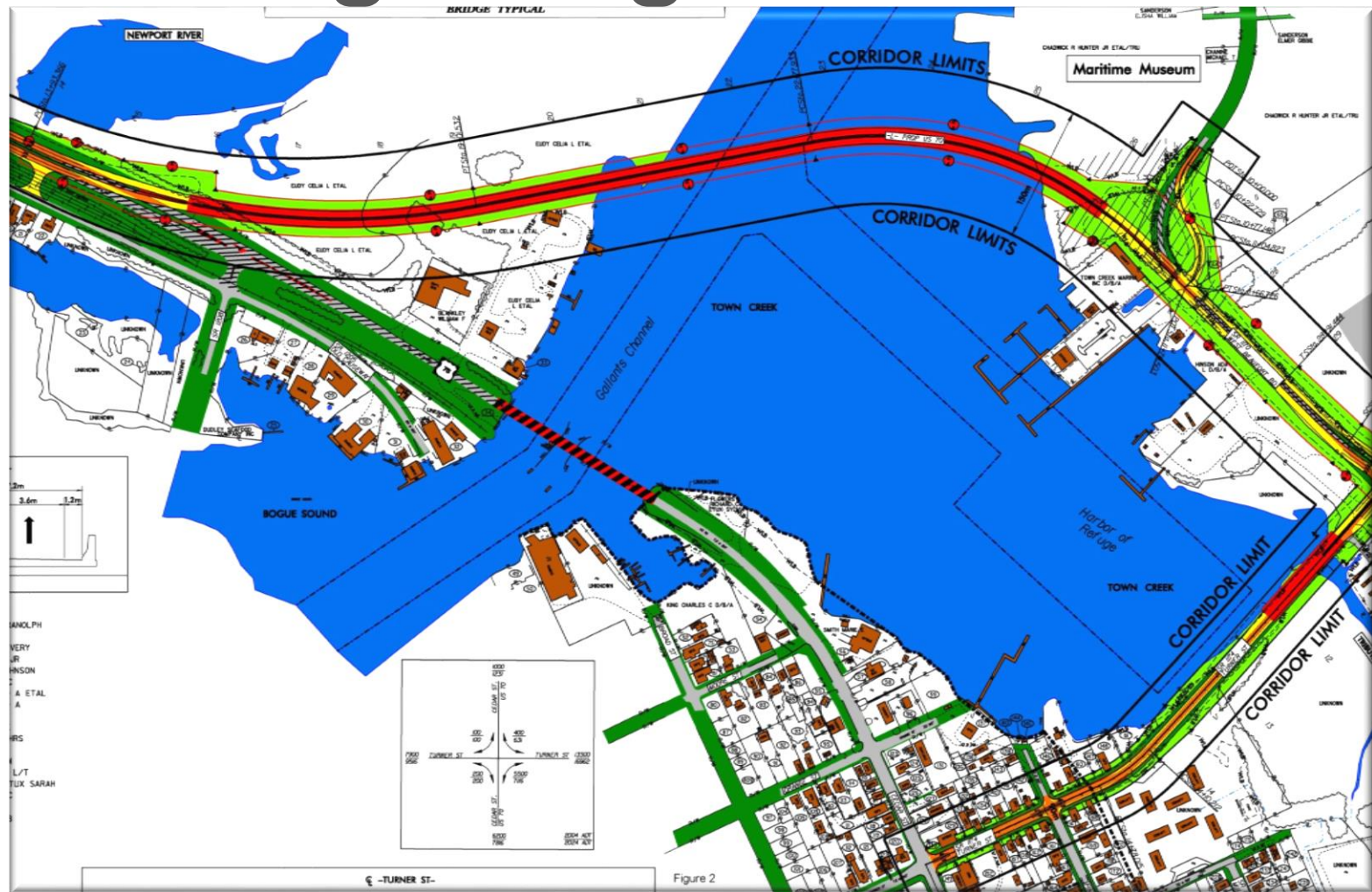
Preferred Alternative – Alt 2D



Proposed Bridge Over Gallants Channel

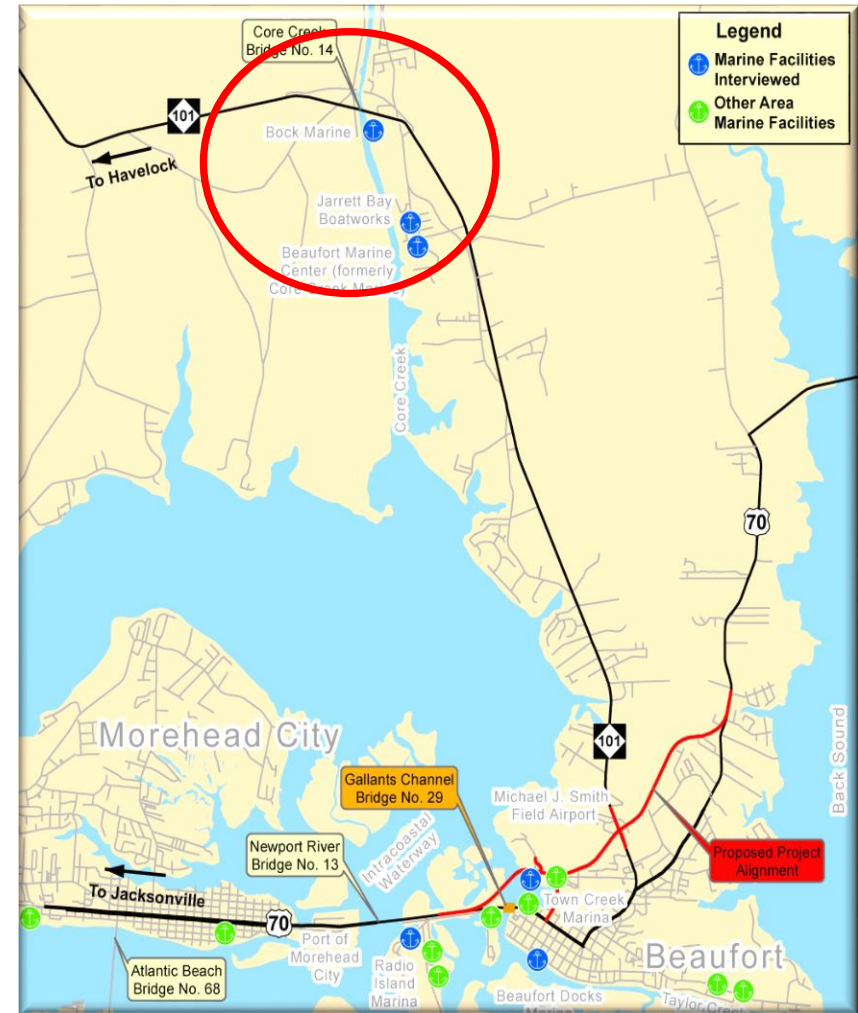


Proposed versus Existing Bridge Locations



Post-Environmental Study: New Challenges

- 2008 – Right of Way underway
- 2008 – Maritime Businesses (New Resource)
- Larger/taller boat traffic
- New request for Drawbridge



Type of Bridge / Vertical Clearance

- Fixed Span vs. Opening Span
- 65-feet – Standard Vertical Clearance Over ICW
- Access Restrictions to Harbor of Refuge/ Service Areas
- What Percentage of Boating Traffic is Taller Than 65-Feet?

Coordination with U.S. Coast Guard

- USCG – “Navigational Opening” (Vertical/ Horizontal Clearance)
- Permit Process with USCG in 2008 – 2011
 - Public Comment Period – Fall 2009
 - Request by USCG for Additional Information – Summer 2011
- “Marine Assessment” Required

Marine Assessment Report

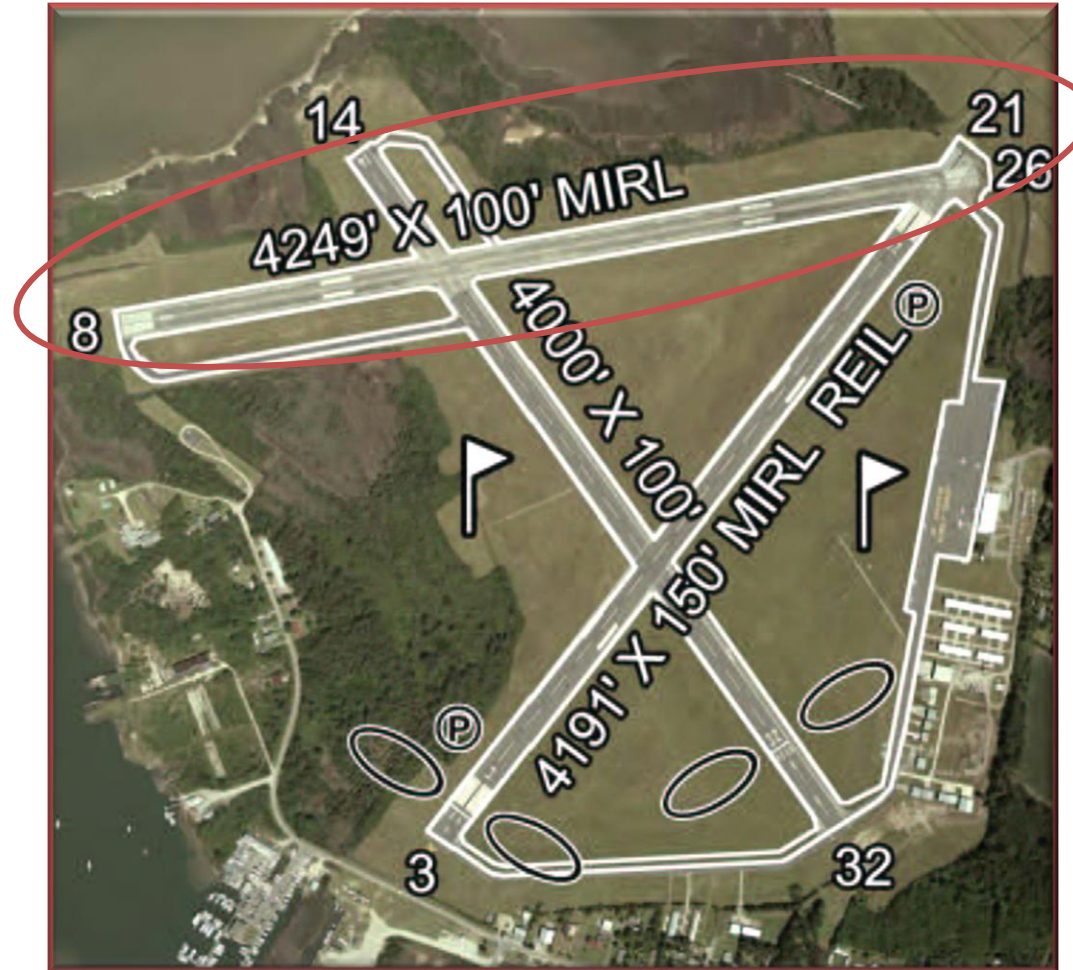
- Introduction
- Existing Conditions
- Description of the Proposed Bridge
- Limiting Factors for Navigation
- Vessel Traffic
 - Historic
 - Observed by Survey
 - Reported by Marinas
- Marine Traffic Assessment
- Commerce/Economic Information
- Letters and Resolutions
- Conclusions

Limiting Factor: Airport Considerations



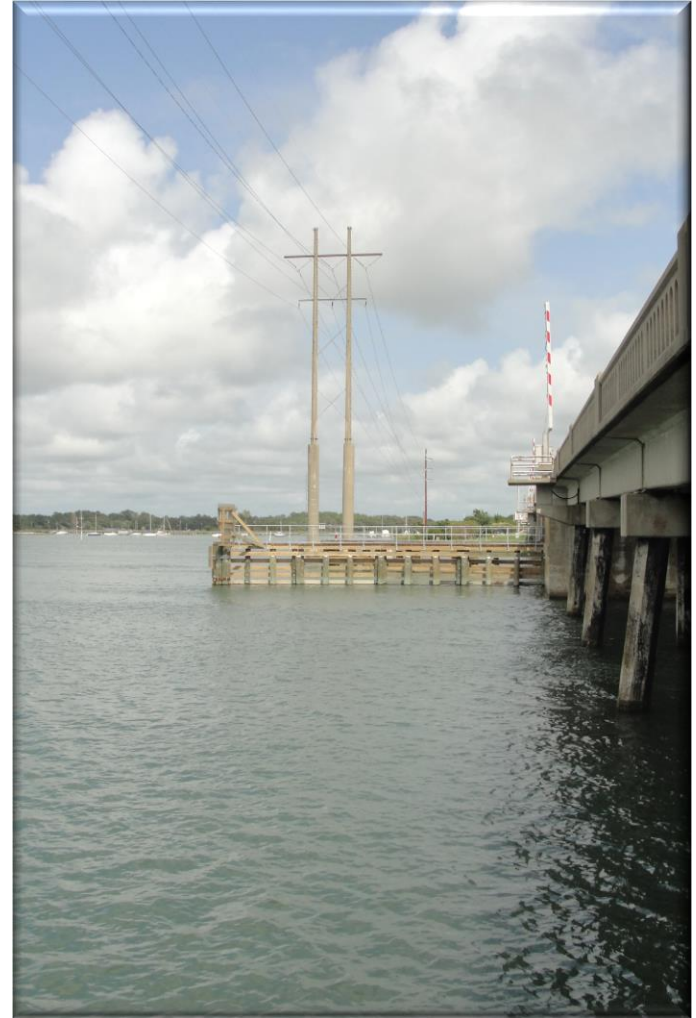
Limiting Factor: Airspace

- 1944 War Assets Agreement
- Re-designation of Primary Runway from 3-21 to 8-26 due to project alignment
- Bridge as Controlling Obstruction – need to keep at/under 65-ft



Limiting Factor: Power Lines

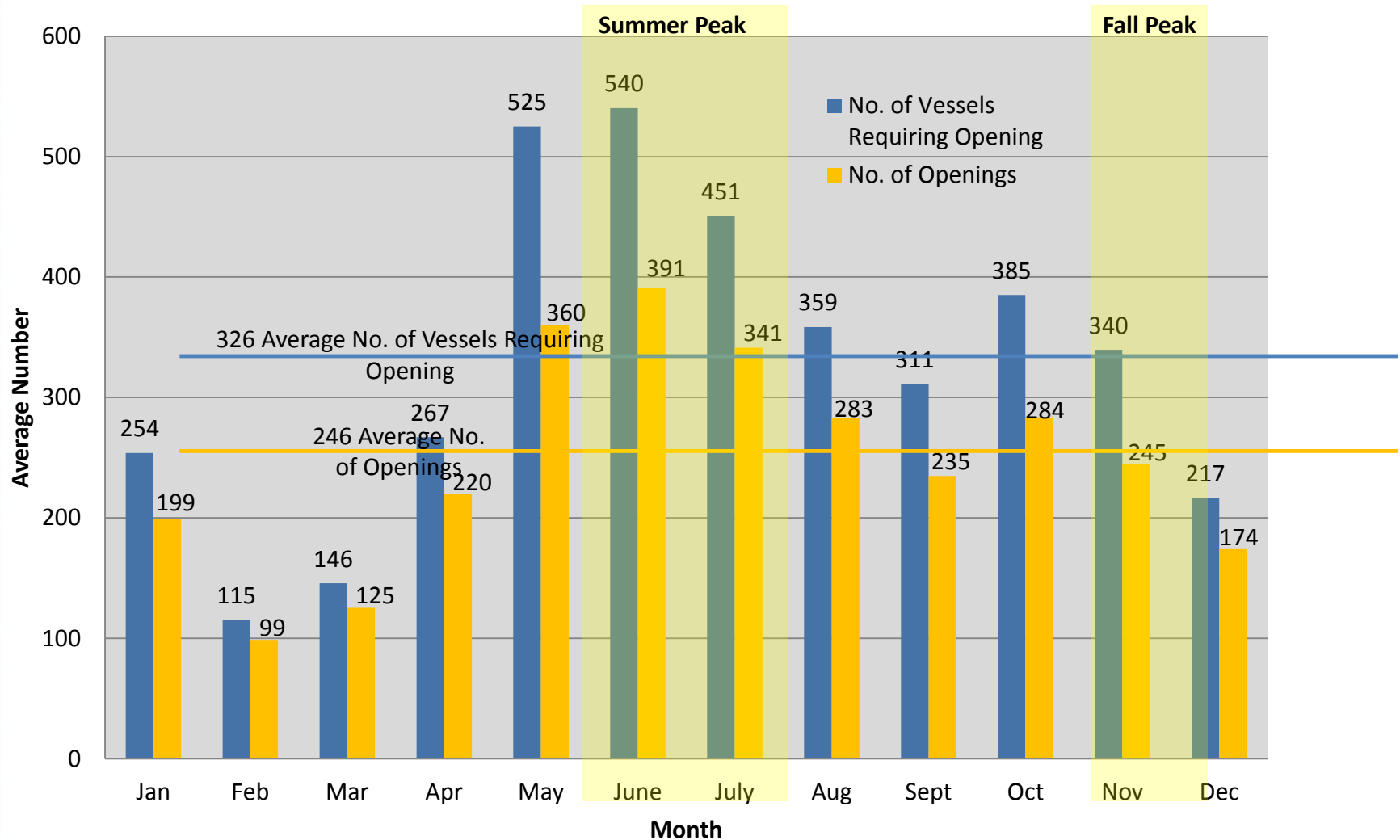
- High Voltage Power Lines Overhead
- Actual Clearance – 87 ft.
- “Safe” Clearance – 77 ft.



Marine Assessment Report

- Limiting Factors for Navigation
- Vessel Traffic (Historic)
- Vessel Traffic (Surveys)

Bridge Opening Logs (2009-2013)



Vessel Survey



Vessel Surveys (8 months)

- August 2012
- October, November 2012
- February - June 2013

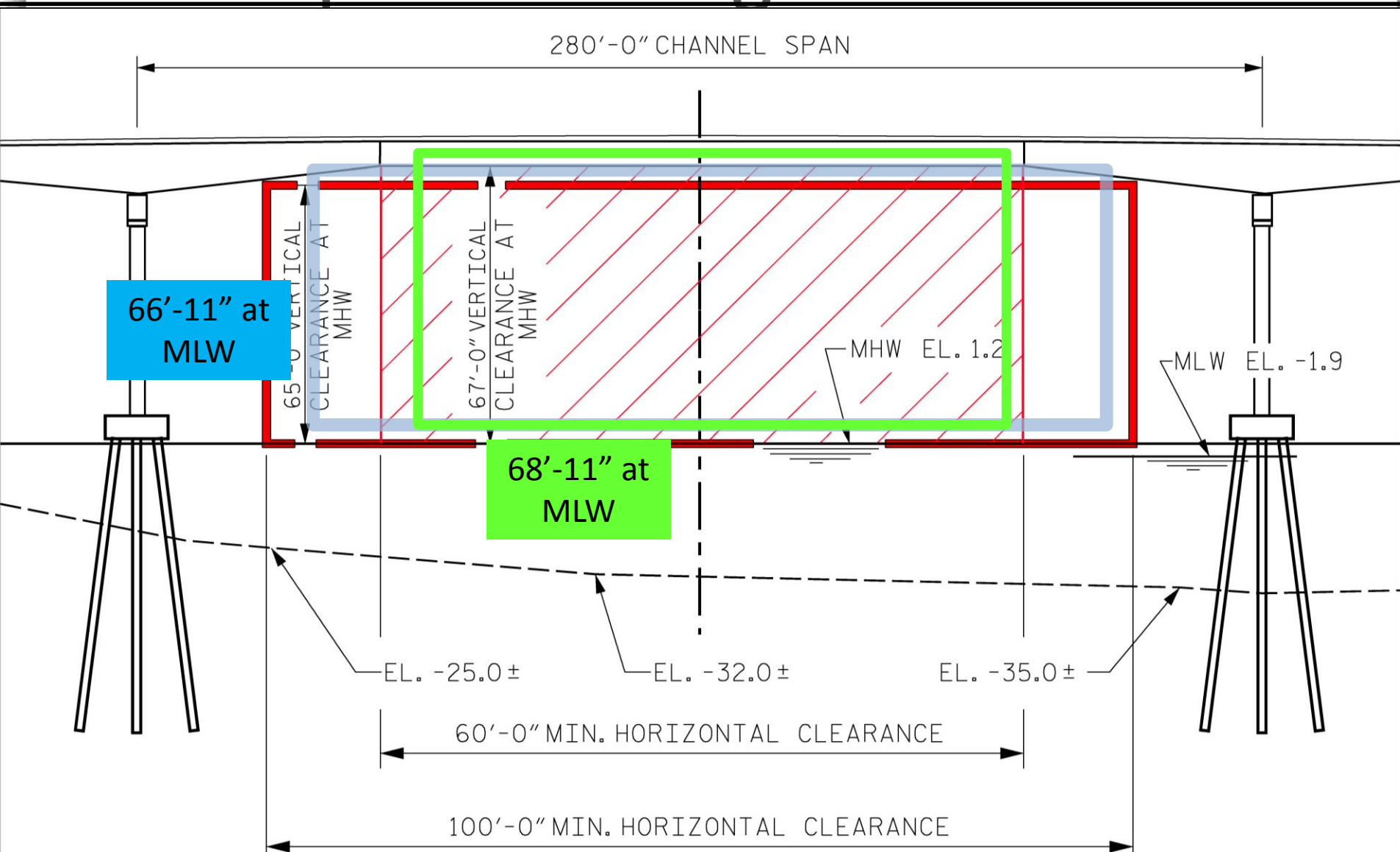


Vessel Survey

Vessel Height Range	No. of Vessels Surveyed within Height Range	Percentage of Vessels Surveyed within Height Range	Cumulative Vessel Tally	Cumulative Vessel Percentage Tally
0-ft to 15-ft	11,722	87.3%	11,722	87.3%
15.1-ft to 30-ft	669	5.0%	12,391	92.3%
30.1-ft to 45-ft	445	3.3%	12,836	95.6%
45.1-ft to 60-ft	346	2.6%	13,182	98.2%
60.1-ft to 65-ft	139*	1.0%	13,321	99.3%
65.1-ft to 68-ft	60	0.4%	13,381	99.7%
68.1-ft to 77-ft	39	0.3%	13,420	100.0%
Total	13,420	100.0%	13,420	100.0%

*Twenty-four (24) commercial fishing vessels, observed a total of 28 times, were measured to be over 65-feet but are able to lower their outriggers to below 65-feet and were therefore included in this category.

Proposed Bridge Clearance



Marine Assessment: Findings

- Positive impact for Harbor of Refuge and 1 marina; negative impact for 3 marinas
- Bridge height over 65-feet – negative impact on airport, require FAA approval
- Bridge height over 65-feet – limited due to power lines
- No impact to 99.7% of the vessel traffic (up to 68-feet)
- Only 39 out of 13,420 vessels surveyed (0.3%) – unable to travel under the proposed bridge (without adjustment)

Project Milestones

- Submittal of Report to US Coast Guard – Aug 2013
- USCG permit approval (65-ft vert., 100-ft horiz.) – Dec 2013
- Project Let – Jan 2014

Construction Phase

- Project Cost: \$66 million
- Project Let: Jan 2014
- Ground Breaking: April 2014
- Contractor Estimated Intermediate Completion: Fall 2017
(for 2 lane traffic on the new bridge)
- Contractor Estimated Overall Completion: Late 2018
(traffic in full pattern and removal of ex. drawbridge)
- Current Progress Schedule - 88% Complete

Construction Phase

4 Main Construction Areas:

- US 70 highway construction
 - 3.755 miles, new location
- Gallants Channel bridge
 - 3,400 feet long
 - Pre-stressed concrete piles (30"), girders (54" & 78")



Construction Phase

Construction Areas (continued):

- Turner Street Bridge
 - Replacement of a culvert and earthen causeway with an 800 foot long bridge structure
 - New “entry way” into Historic Beaufort
 - Aesthetic Details on Bridge

Construction



Construction



Construction



Construction



Construction



Construction



Construction



Construction



Construction



Construction



Construction



Construction



Gallants Channel High Rise



Gallants Channel











Turner Street Bridge



Noise wall along US 70



US 70 Roadway



Old and New Bridge Over Gallants Channel



Existing Drawbridge

Existing Drawbridge: What is going to happen to it?

- Historical photo survey
- Dismantling
- Finding another home...do you want a historic bascule bridge?



Questions?



NORTH CAROLINA

Department of Transportation



Safety & Risk Management

Rob Barfield

June 2017

Multi-Employer Worksites

- Direct Liability
- Indirect Liability
- Contractor Incidents
- CEI's



June is Safety Month!

Heat Stress

Insect Bites - Tick Bites are up 400% in NC compared to 2016.



State of North Carolina

ROY COOPER

GOVERNOR

SAFETY MONTH

2017

BY THE GOVERNOR OF THE STATE OF NORTH CAROLINA

A PROCLAMATION

WHEREAS, the State of North Carolina encourages employees and citizens to raise safety awareness across the state to support an effort to stop work-related fatalities and injuries; and

WHEREAS, according to the United States Bureau of Labor Statistics, work-related fatalities in 2014 increased for the first time since 2010, climbing to more than 13 per day for a total of 4,821 people, including 4,454 men and 367 women, most between 45-64 years of age; many of these fatalities, 1,984, were due to transportation related incidents; and

WHEREAS, workers can take a moment to identify their task, assess the hazards, mitigate the hazards, perform the task with controls, and re-assess when their work conditions change; and

WHEREAS, supervisors and managers are encouraged to plan safety-related activities anytime during the month of June; and

WHEREAS, the State of North Carolina encourages all North Carolina workers to raise awareness of work-related hazards;

NOW, THEREFORE, I, ROY COOPER, Governor of the State of North Carolina, do hereby proclaim June, 2017, as "SAFETY MONTH" in North Carolina, and commend its observance to all citizens.




Roy Cooper
Governor

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Great Seal of the State of North Carolina at the Capitol in Raleigh this first day of June in the year of our Lord two thousand and seventeen and of the Independence of the United States of America the two hundred and forty-first.

Governor Proclaimed June as Safety Month

Initiatives & Updates

- Accident/Incident 7-line reporting tool
- Any-Risk Program is continuing to prepare for pilot rollout
- 4-Day After Incident Reporting
- Supervisor Safety Academy – Training dates

West Region

Divisions 14 13 12 11 10

Central Region

Divisions 9 8 7 6 5

East Region

Divisions 4 3 2 1 Ferry

Nov 14 to 16

Dec 5 to 7

Feb 6 to 8

- Work Zone Intrusion System – Division 13 and 9 are evaluating new technology to alert workers within work zone of intrusions and backing issues
- Vivid Learning Systems Online Pilot has started in Division 5 and Division 8
- Workers' Comp Annual File Review in progress

NCDOT INCIDENT/ACCIDENT 7-LINE REPORTING

Date/Time _____ Weather _____

Priority: Medical Care for injured, safety of crew & equip.,
notify supervisory staff, preserve scene, if possible (if not,
take scene photos) and record timelines.

Line 1. Location-type of incident/accident.

Line 2. Worksite supervisor.

Line 3. Number of Injured (Who-NCDOT/Contractor/
Citizen), type injury/transported to/treated at scene.

Line 4. Responders (LE/Fire/Medical) (Who/Agency):

Line 5. Special NCDOT equipment requested by Incident
Commander (scene issues):

Line 6. HAZMAT Contamination (Type/Quantity/Placards)?
(Refer to: Emergency Response Guide (ERG))

Petroleum _____

Food (Edible/Non-Edible) _____

Chemical/Bio _____

Explosive/Nuclear _____

Other _____

Line 7. Notified NCDOT (Who/time).

USE BACK OF CARD, if needed

CALL DIVISION ENGINEER AND 1-866-361-1818

COMMUNICATE TO SAFETY ENGINEER, ASAP

(Effective June 12, 2017)

This card does not replace regular Incident Reporting procedures

7-Line Reporting

Any Risk Program

ANYRISK

1

2

3

TYPEDETAILSCONTACTS

Type

Type of hazard

Choose which applies best ▼

Other hazard or comments

Description of event *

Yesterday at 3pm

Rate Hazard:

Other Action Taken

NEXT

ANYRISK

1

2

3

TYPEDETAILSCONTACTS

Contact Information

Supervisor

Supervisor Name

Supervisor Email

Supervisor Number

Employee

Your Name


Your Email

Your Number


PREVIOUS

SUBMIT

Any Risk Program



1 2 3

 **Warning**

You are currently offline, but you will be able to continue and submit the form another time.


CLOSE


Other hazard or comments

Description of event *


Yesterday at 3pm

Rate Hazard:





1 2 3

 **Warning**

During your last session you did not submit your hazard report. Please finish now and submit.


CLEAR CONTINUE

Other hazard or comments

Description of event *

Yesterday at 3pm

Rate Hazard:



Supervisor Name

patrick

Thank you

Your report is helping to make North Carolina safer.

CLOSE

Your Email

Your Number

PREVIOUS SUBMIT

4-day After Incident Briefing



NORTH CAROLINA

Department of Transportation



Executive Team 4-Day Incident Briefing

Creator's name

Date

INCIDENT INVESTIGATION TEAM

- Investigators

Name, Division

Name, Safety and Risk Management

INCIDENT CLASSIFICATION

- Owning Unit.
- Classification. Fatal, Serious (Employee Injury with hospitalization)
- Type. General Industry, Construction (type task)
- Date of Incident. (day, date, time)

INCIDENT OVERVIEW

- Who.
- What.
- When. (day, date, time)
- Where.

BACKGROUND INFORMATION

- DOT Employee since
- Occupation Classification
- Work Schedule
- Employment Status
- Supervisor
- Training

CURRENT WC CLAIM

- Injury.
- Hospitalized # days.
- Will require additional evaluation by Orthopedic/Other specialist .
- Potential Surgery.
- Potential Physical Therapy.
- Out of work time: estimated 24 weeks.
- Other personal medical history not available.

WC CLAIM COST

- Direct Cost. \$ (current date).
- Indirect Cost. \$ (estimated).
- Total Cost \$ (estimated).

If DOT was construction private business at 1.8% Profit Margin. Additional sales required to recoup cost?

\$. (USE OSHA Calculator)

PRELIMINARY INCIDENT SUMMARY, CONTINUED

Weather conditions;

Potential Contributing Factors.

- 1.
- 2.
- 3.
- 4.

Executive Management APPROVAL

RECOMMENDATIONS.

1. Approved ____ Disapproved ____ Additional Discussion ____

2. Approved ____ Disapproved ____ Additional Discussion ____

3. Approved ____ Disapproved ____ Additional Discussion ____

Questions?

Vivid Learning Systems

- Partnered with University system to provide online training
- Topics include Occupational Safety & Health, Personal Protective Equipment, and Environmental Management

Vivid Learning Systems

- Available in LMS format
- Courses designed for Safety professionals
- Course offerings include:
 - Aerial and Scissor Lift Safety
 - Asbestos Hazard Awareness
 - Back Safety and Injury Prevention
 - Behavior Based Safety
 - Bloodborne Pathogens (BBP)
 - Cardiopulmonary Resuscitation (CPR)
 - Chemical Safety
 - Chlorine Safety
 - Cold Stress
 - Compressed Gas Safety
 - Confined Spaces
 - Confined Spaces Entry - Permit Required
 - Criticality Safety
 - Distracted Driving
 - Driver Safety
 - Electrical Safety
 - Emergency and Fire Safety Preparedness
 - Excavation, Trenching and Shoring Safety
 - Fire Extinguisher Safety (Portable)
 - AND MANY OTHERS



NORTH CAROLINA

Department of Transportation



Transportation Funding – Continued

Burt Tasaico, PE, State Program Analysis Engineer

June 28, 2017

Current Funding

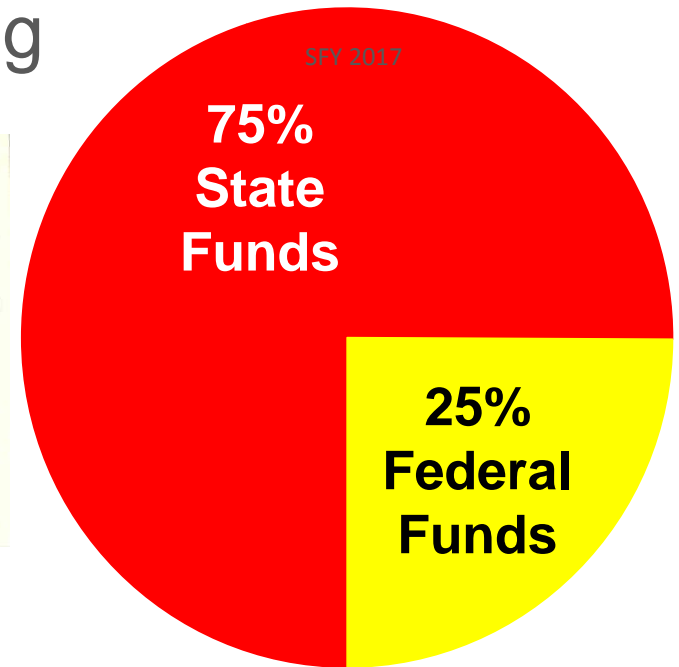
State Funding



Motor Fuel Tax
50%

Highway
Use Tax
20%

Fees
30%



Federal Funding (since 2008)



Motor Fuel Tax 70%

Fees
10%

General
Fund* 20%

*\$143.6 billion since 2008 (through 1/2016)

- No Political Appetite for National Solutions
- Up to States to Fix

State Revenue Sources



Motor Fuel Tax
50%

Highway
Use
Tax 20%

Fees
30%

Truck
Registration

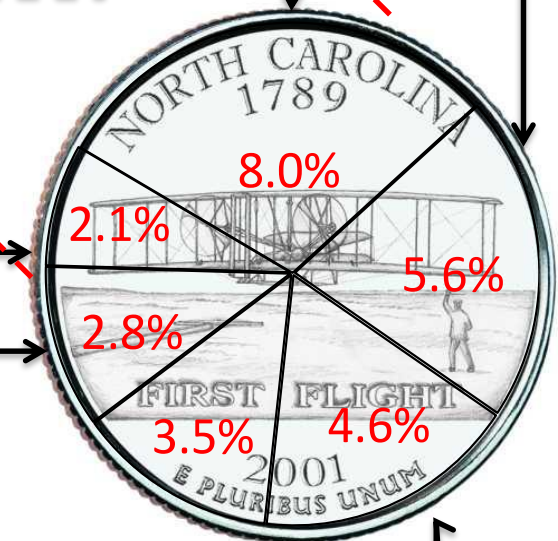
Vehicle
Registration

Other Fees

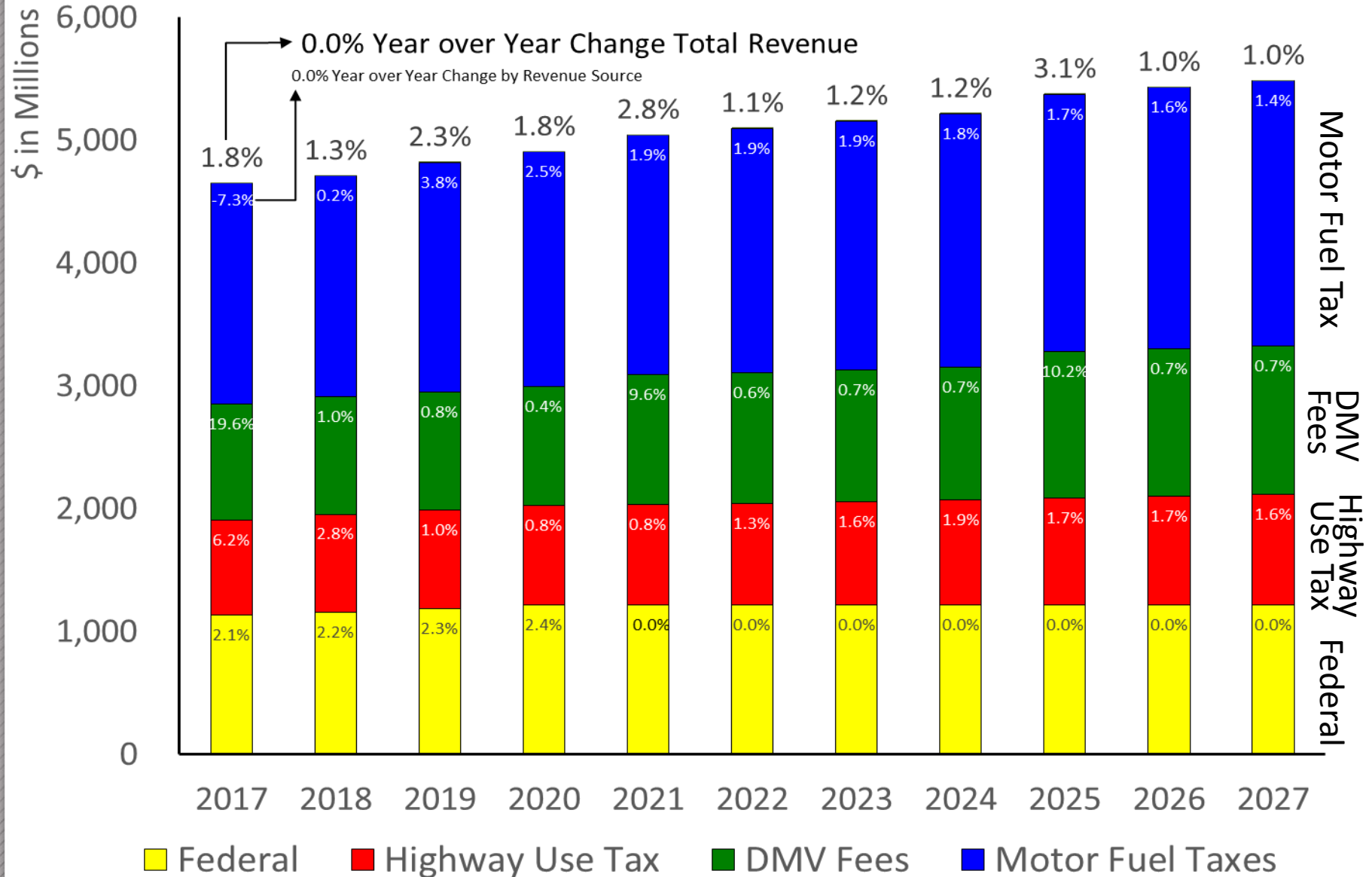
International Registration Plan

Certificate of Title

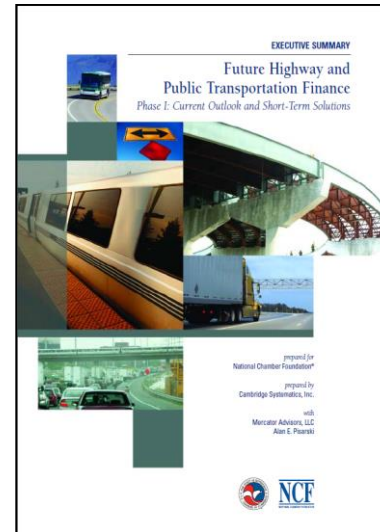
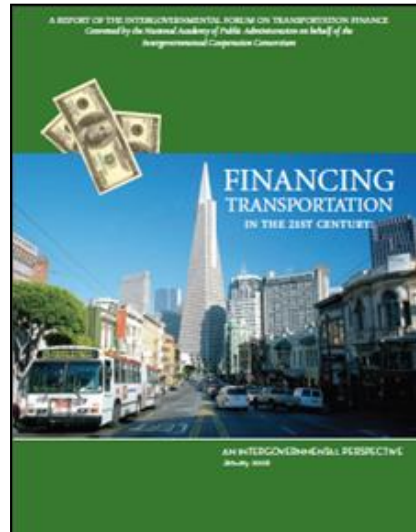
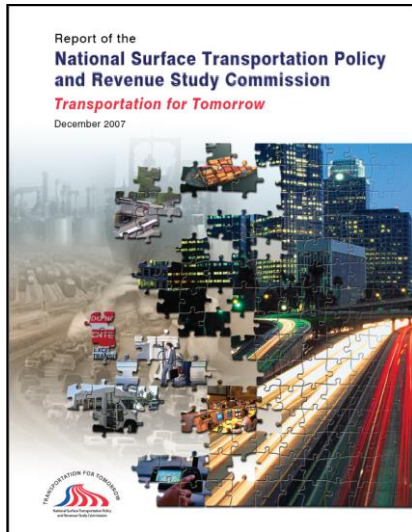
Driver Licenses



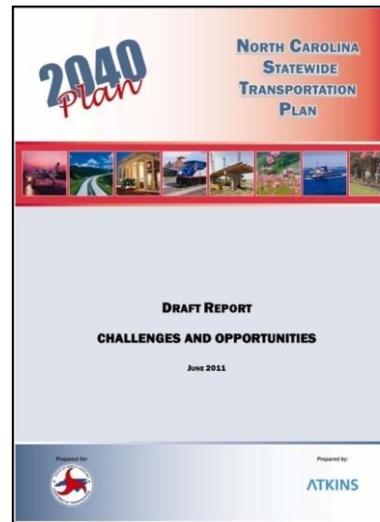
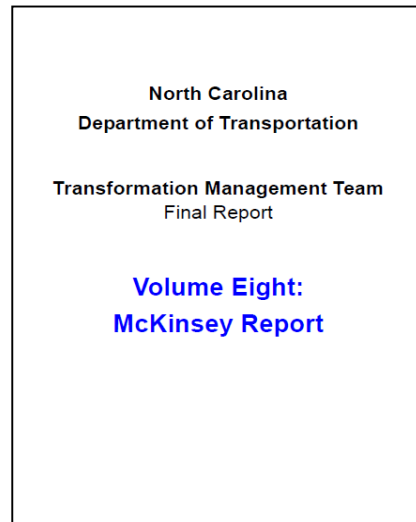
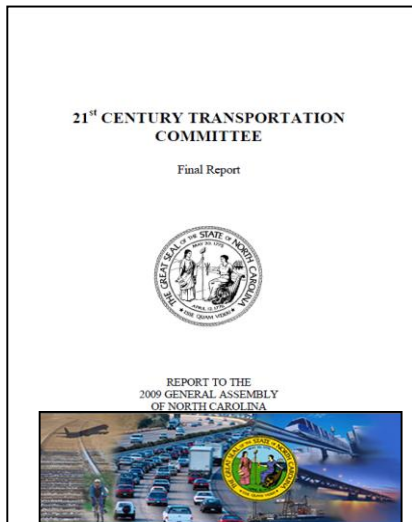
10 Year Revenue Forecast – State and Federal Sources



Previous Revenue Studies



National



State

21st Century Transportation Committee - Recommendations

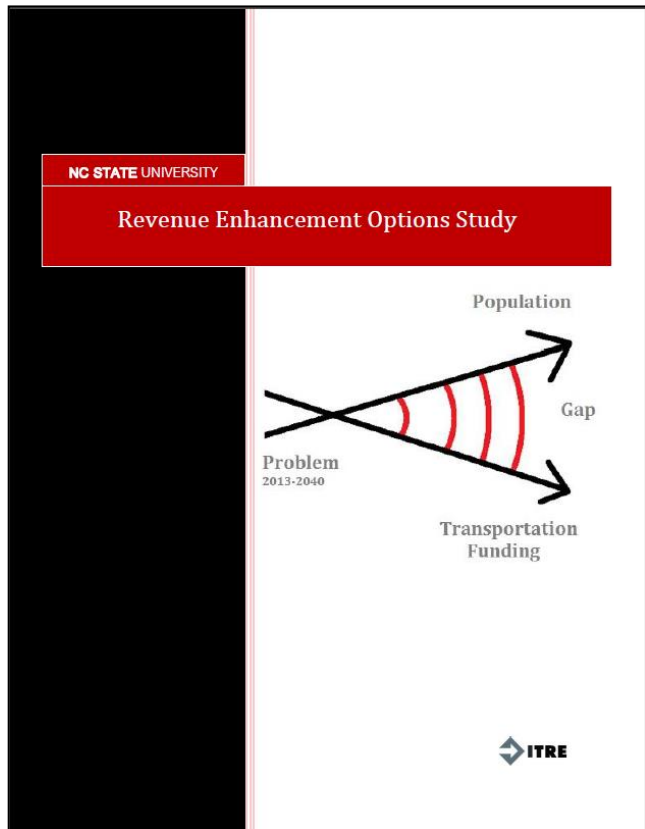
	Goal: \$1 billion per year for the next 10 years
✓	Eliminate Transfers (HF and HTF)
	Implement VMT (Statewide and Local Option)
✓	Increase Highway Use Tax Rate and Class A & B caps
✓	Increase Passenger Vehicle Registration Fees
✓	Increase Stagger Registration Fees
	Consider Weight based Vehicle Registration Fees
✓	Consider Bond Referendum
✓	Allow Local Option Tax
✓	Implement Indexing DMV Fee Rates Structure
	Implement Statewide Interstate Tolling
	Implement Differential Fuel Tax Rates
	✓ Implemented

2040 Plan - Revenue Enhancement Options

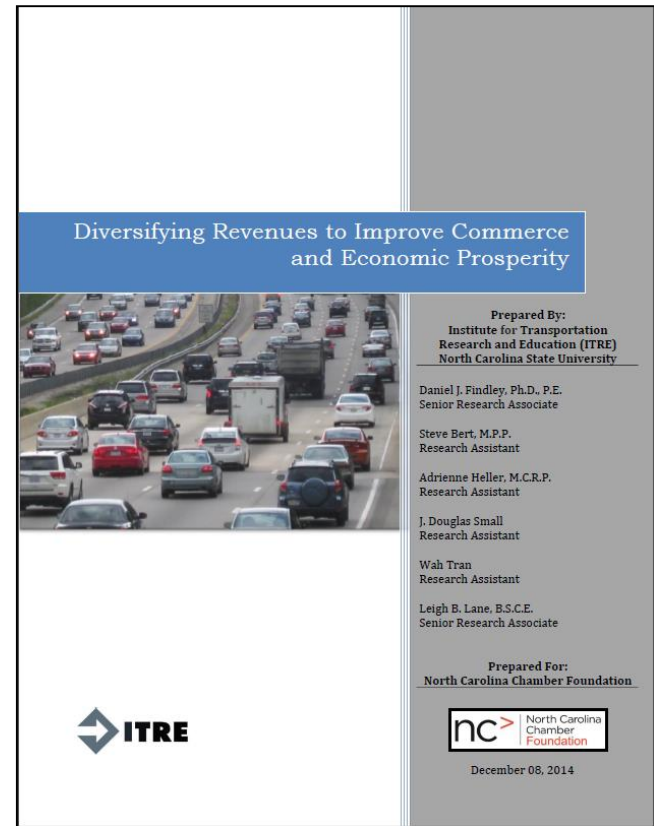
	Revenue Option	25 Year Yield (in \$ billions)
✓	Continue motor fuel tax indexing	19
✓	Increase registration/license fees	6
✓	Eliminate Highway Fund transfers	4
	Redirect vehicle lease fee to NCDOT	1
	Increase Highway Use Tax	3
	Local vehicle property tax	1
	Auto insurance surcharge	12
	Wholesale motor fuels tax	12
	Interstate tolling	42
	VMT Fee	27

✓ Implemented

Recent Studies



Do we have a crisis?
Do we need a paradigm shift?
What are our best options?
What are our next steps?
Annotated Bibliography Supplement



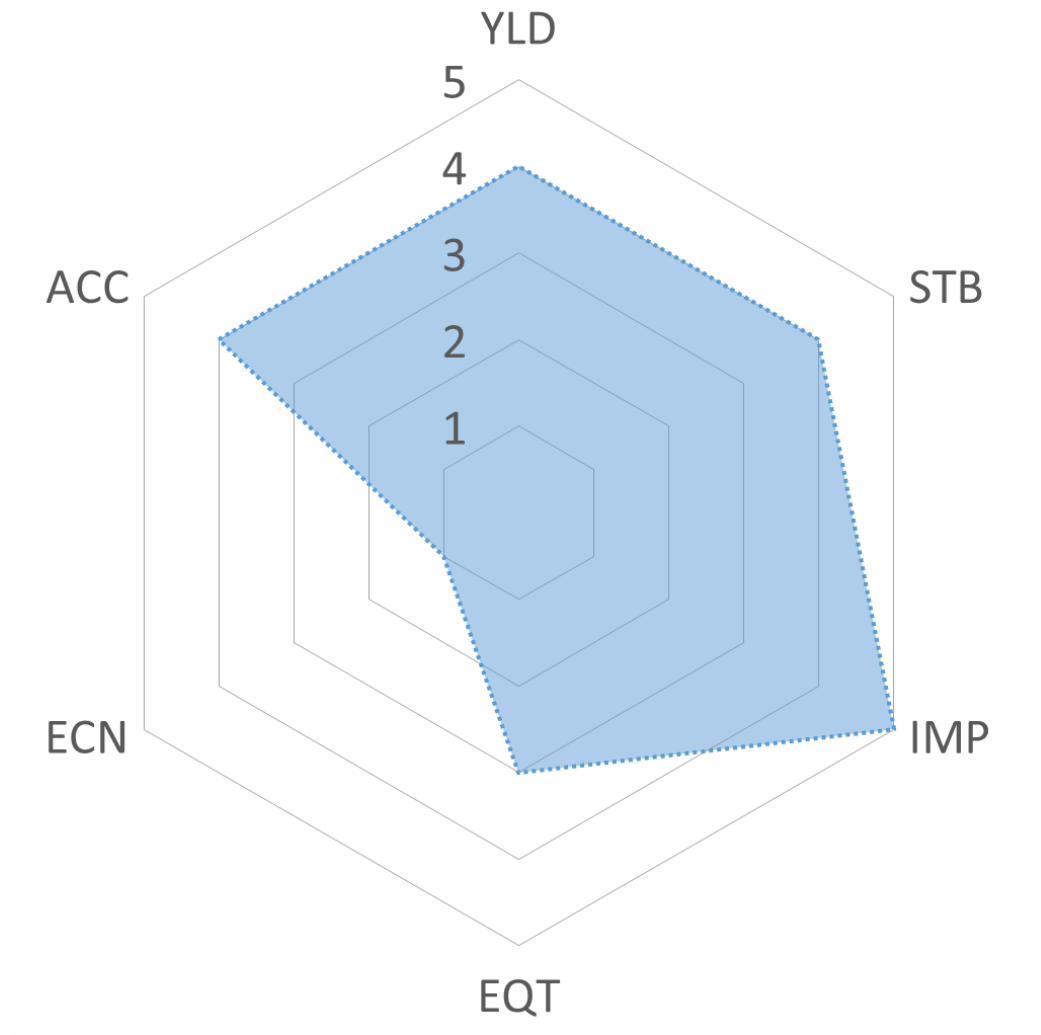
Benefits of Infrastructure Investment
Infrastructure Spending Impacts
Annual Driving Expenses
Criteria for Ranking Revenue Options

Recent Studies – ITRE Revenue Options

16 options for revenue generation in North Carolina:

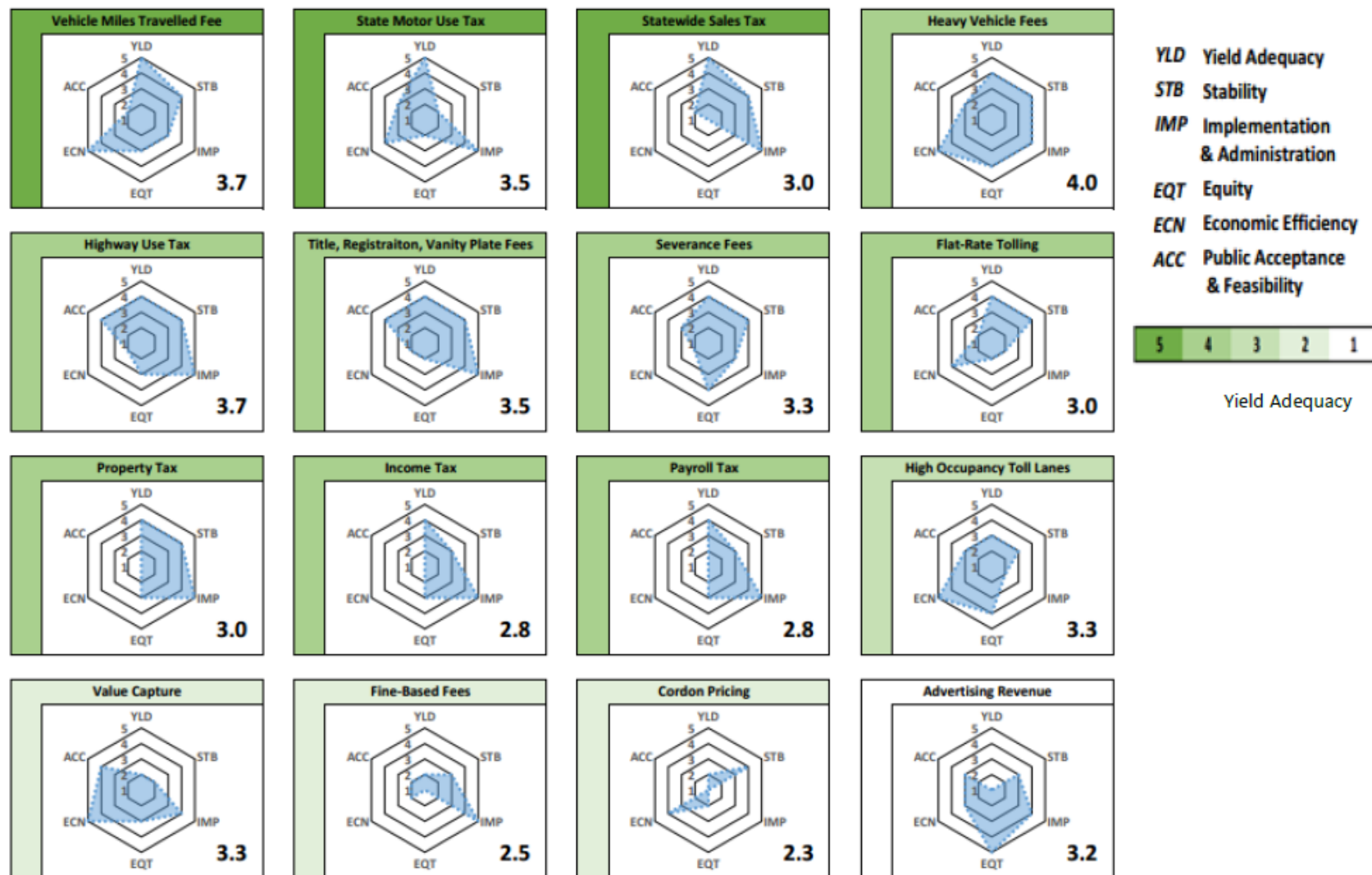
- | | |
|--|---------------------------------|
| • Vehicle Miles Traveled Fee | • High-Occupancy Toll Lanes |
| • Fine-based Fees | • Property Tax |
| • Heavy Vehicle Fees | • Statewide Sales Tax |
| • Severance Fees | • Income Tax |
| • Vehicle Title, Registration, Vanity Plate Fees | • Cordon Pricing (Priced Zones) |
| • Highway Use Tax | • Payroll Tax |
| • State Motor Fuels Tax | • Advertising Revenue |
| • Flat-rate Tolling | • Value Capture |

Recent Studies – ITRE Revenue Ranking Criteria



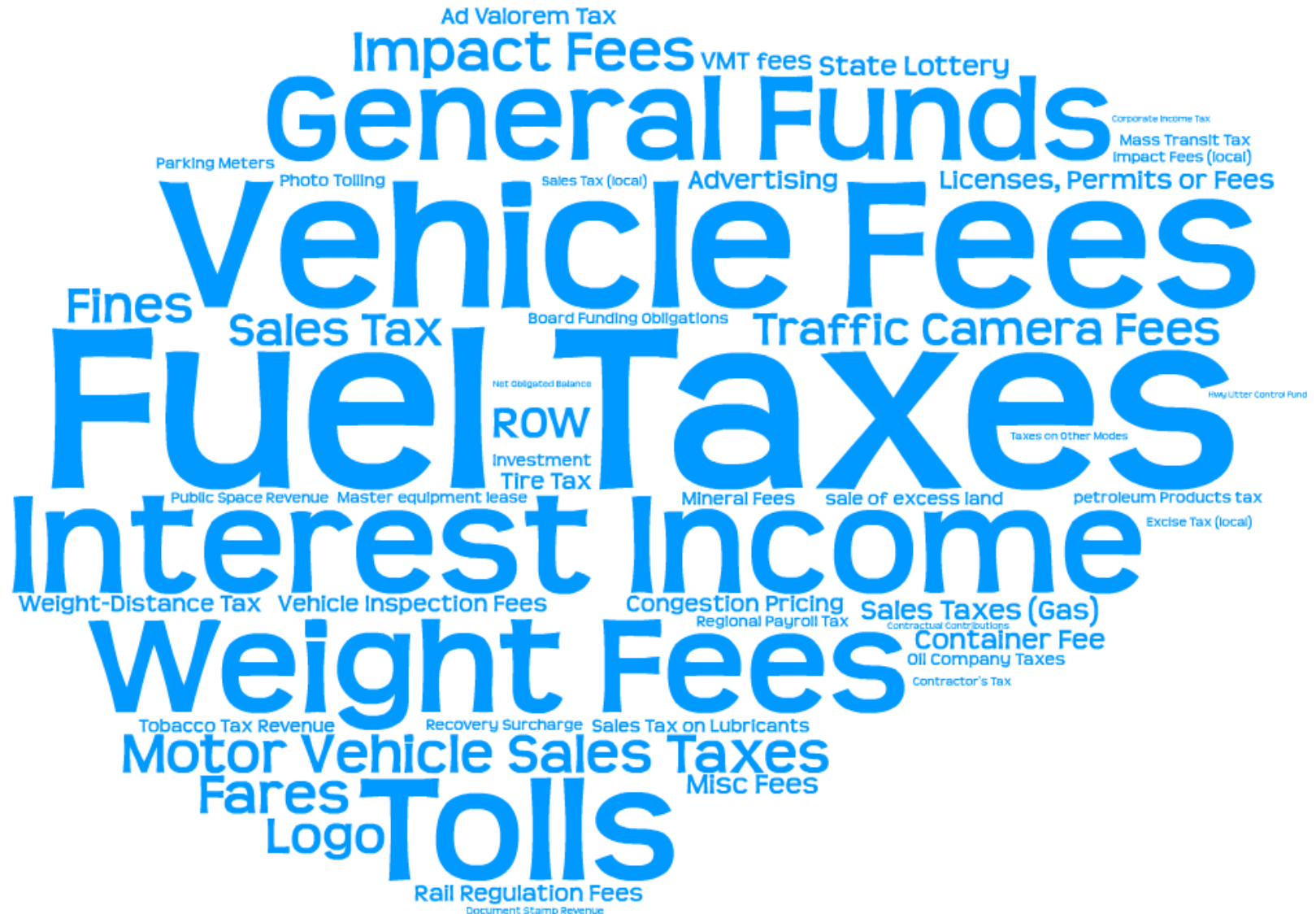
ABR	Criteria
YLD	Yield Adequacy
STB	Stability
IMP	Implementation and Administration
EQT	Equity
ECN	Economic Efficiency
ACC	Public Acceptance and Feasibility
Score	Ranked on 1 to 5 scale

Recent Studies – ITRE Revenue Options Evaluation



Source: Institute for Transportation Research and Education

State Revenue Sources: All



States are Seeking Transportation Funding and Finance

Traditional Funding Options

- Gas taxes
- Other taxes on motor fuels
- Motor vehicle fees
- Tolls

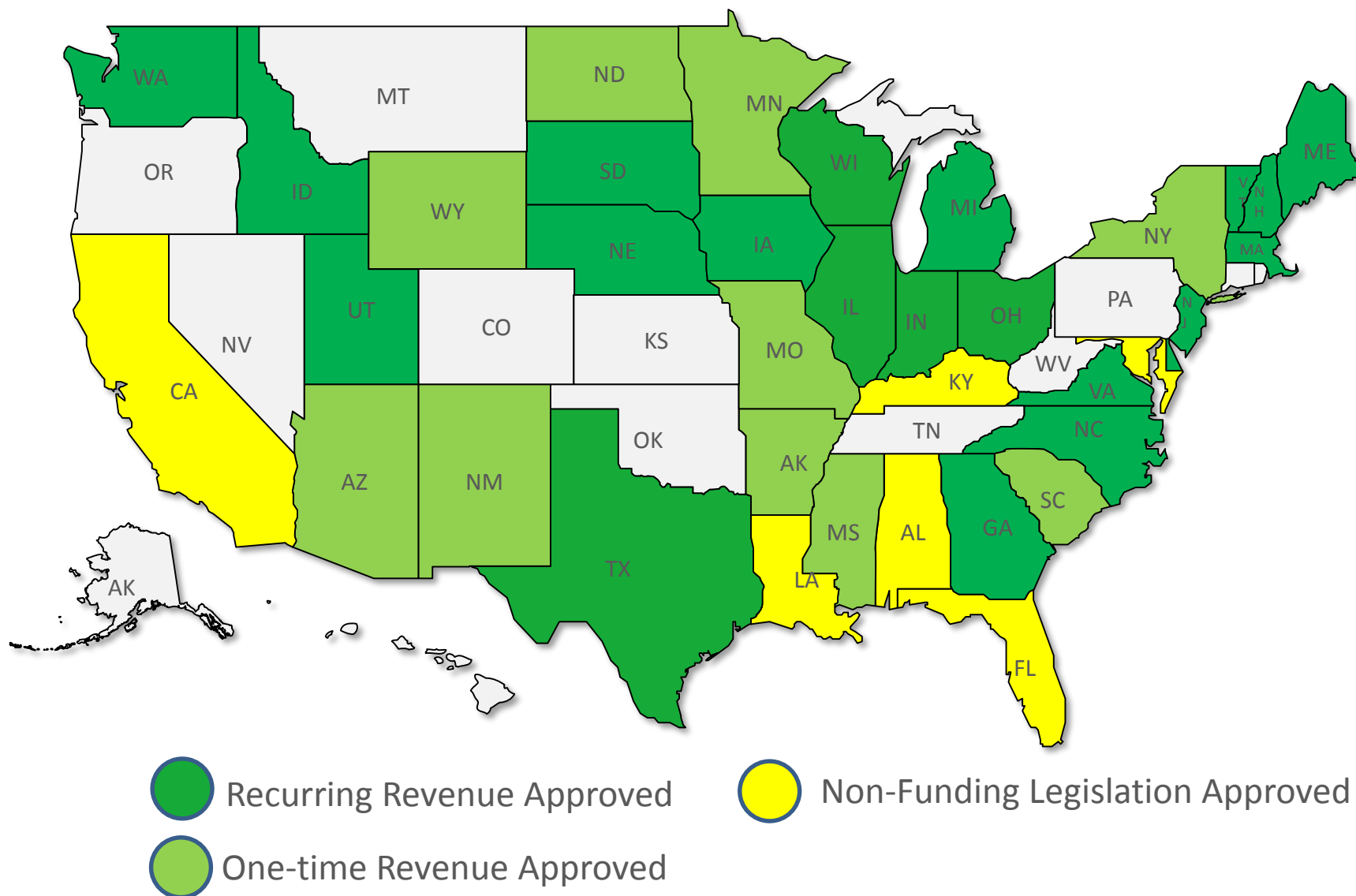
Less Traditional Options

- Distance-based fee
- Taxes on alternative fuels

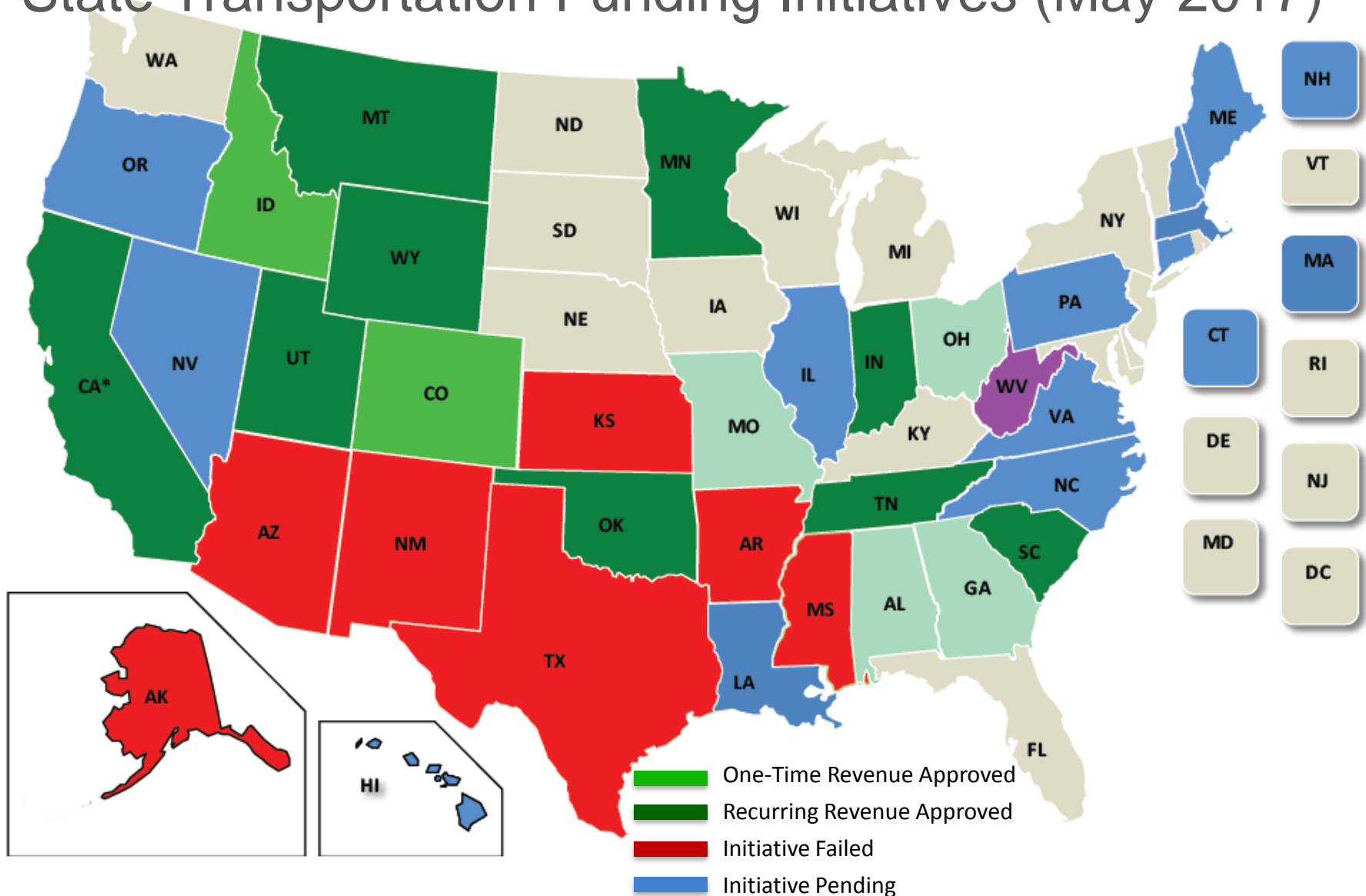
Finance Solutions that borrow against or otherwise leverage revenues

- | | |
|---|--|
| <ul style="list-style-type: none">• Bonds• Federal credit assistance | <ul style="list-style-type: none">• State infrastructure banks• Public-private partnerships |
|---|--|

2014 – 16 State Transportation Funding Initiatives



State Transportation Funding Initiatives (May 2017)

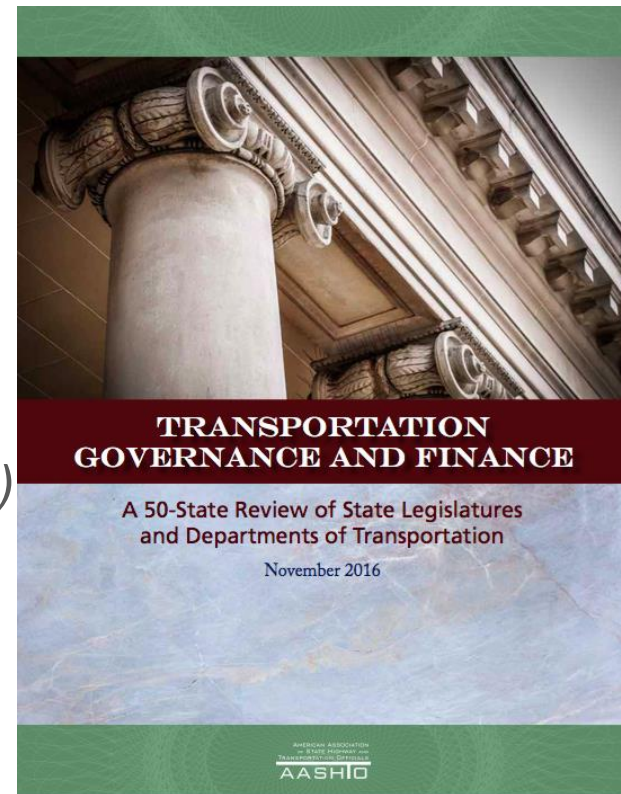


Transportation Revenues Not Collected in NC

- **General Fund** (*Alaska, Arizona, Arkansas, Colorado, Georgia, Hawaii, Idaho, Indiana, Massachusetts, Michigan, Missouri, New York, North Dakota, Oregon, Tennessee, Wisconsin, Wyoming, DC*)
- **Rental Auto sales tax** (*Alaska, Arizona, Colorado, Florida, Hawaii, Iowa, Minnesota, Missouri, New Jersey, New Mexico, New York, South Dakota, Utah, Vermont, Virginia, Washington, West Virginia*)
- **Property Leases or Sales** (*Alaska, California, Colorado, Delaware, Indiana, Oregon, Rhode Island, Washington*)
- **State Sales Tax** (*Arkansas, Kansas, Nebraska, Utah, Virginia, Wisconsin*)
- **Weight-distance tax** (*Kentucky, New Mexico, New York, Oregon*)
- **Fines** (*Connecticut, Minnesota, Maine*)
- **Impact fees** (*Vermont*)
- **Gaming** (*Massachusetts*)
- **Documentary Revenue Stamp** (*Florida*)
- **Casino taxes** (*Mississippi*)

Transportation Revenues Not Collected in NC (Continued)

- **Vehicle-miles travelled tax** (pilot) (*California, Oregon, Minnesota*)
- **Property Rental/Lodging Fees** (*Georgia, Hawaii*)
- **Income Tax** (*Oklahoma*)
- **Tobacco revenue tax** (*Idaho*)
- **Mineral royalties/taxes** (*Wyoming*)
- **Oil/Petroleum tax** (*Mississippi, Nevada, New York, Texas, Puerto Rico*)
- **Locomotive fuel tax** (*Mississippi, Wyoming*)
- **Cap-and-Trade Program Revenues** (*California*)
- **Wholesale Liquor Revenues** (*Maine*)
- **Corporate Income Taxes** (*Maryland*)
- **Aircraft Registration Fees** (*Wisconsin*)



Select Updated Transportation Revenue Potential

Revenue Option	States Where Revenue Option Collected (if applicable)	NC Potential Revenue (Yr)
General Fund	Alaska, Arizona, Arkansas, Colorado, Georgia, Hawaii, Idaho, Indiana, Massachusetts, Michigan, Missouri, New York, North Dakota, Oregon, Tennessee, Wisconsin, Wyoming, DC	Varies
Rental Auto sales tax	Alaska, Arizona, Colorado, Florida, Hawaii, Iowa, Minnesota, Missouri, New Jersey, New Mexico, New York, South Dakota, Utah, Vermont, Virginia, Washington, West Virginia	8% \$65m*
State Sales Tax	Arkansas, Kansas, Nebraska, Utah, Virginia, Wisconsin	1/4% ≈ \$300m
Document Revenue Stamp	Florida	1¢/500 Value \$0.6m*
Aircraft Registration Fees	Wisconsin	\$1 ≈ \$7,000
Property Leases or Sales	Alaska, California, Colorado, Delaware, Indiana, Oregon, Rhode Island, Washington	
Vehicle Property Tax		1¢/100 Value ≈ \$8m*

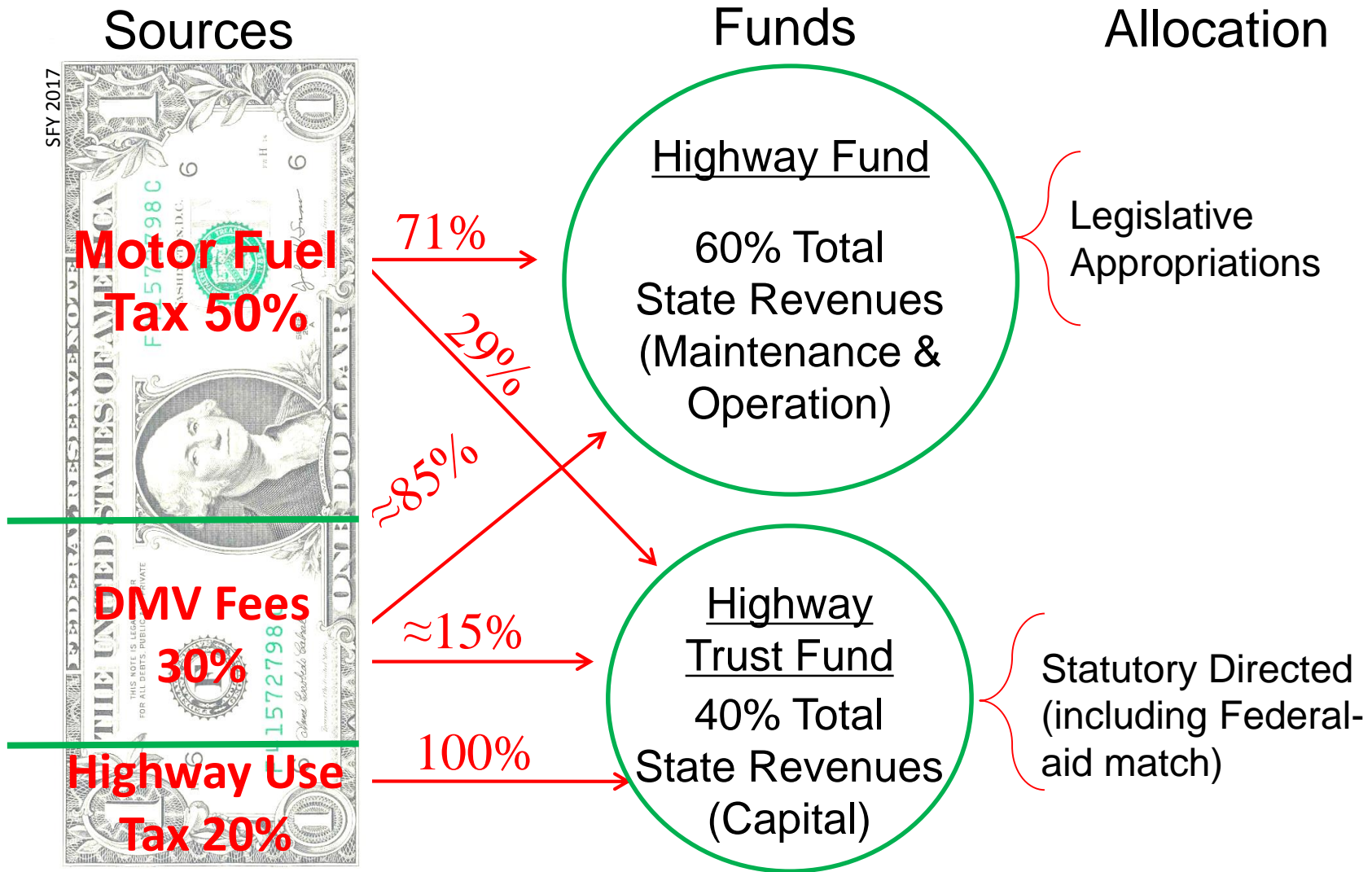
*Revenue Collection in Place

Transportation Revenue Trivia

Existing Revenue Sources	Current Rate	Rate Change	Annual Revenue Generation (\$M)	Estimated Annual Cost to Average User
Gasoline Motor Fuel Tax	34.3 cpg	1 cent	45.0	7.50
Diesel Motor Fuel Tax	34.3 cpg	1 cent	10.0	100.00
Driver License	\$5.00/yr	\$1.00/yr	7.0	1.00
License Plate	\$36.00/yr	\$1.00/yr	7.0	1.00
Highway Use Tax (HUT) – rate	3%	1%	250.0	50.00*
HUT – Out of State cap	250	None	0.2	200.00*
HUT - >26,000 pound vehicles	2,000	3,000	10.0	1,000.00*
HUT - >26,000 pound vehicles	2,000	None	20.0	1,600.00*
HUT – short term leases**	8%		65.0	**
Auto Repair/parts sales taxes**	4.75%		365.0	**

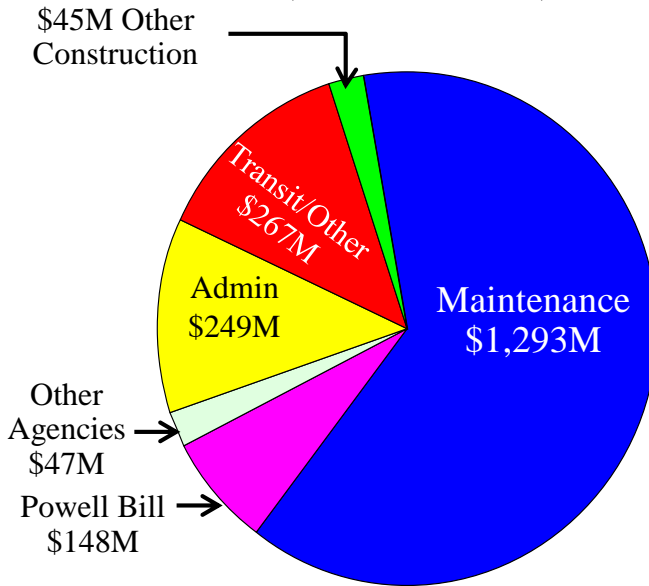
* User Cost Shown in for one time ** Deposited in the General Fund

Sources, Funds, Allocation and Distribution



Sources, Funds, Allocation & Distribution (Cont.)

Highway Fund



Maintenance

65% Inventory (lane miles & bridge Deck Area)
+ 35% Needs (Condition Assessments and Non-Assessed)

Pavement Treatments

65% Inventory (lane miles)
+ 35% Needs (Pavement Condition Survey)

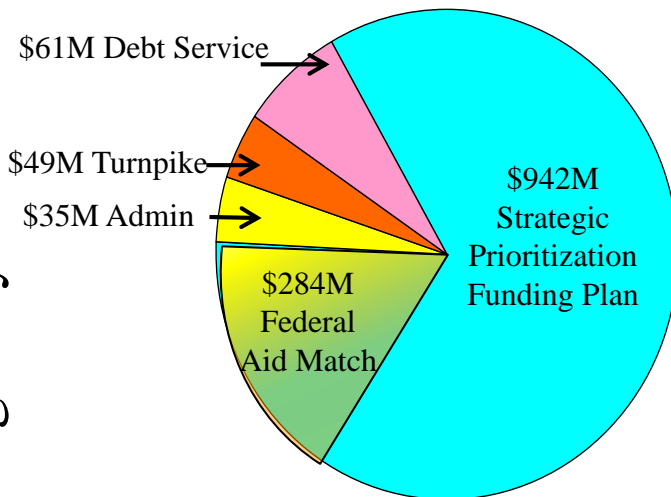
Bridges

Uniform Amount + Needs

Powell Bill

75% Population + 25% Mileage

Highway Trust Fund



Strategic Transportation Initiative

- Statewide 100% Quantitative
- Regional 70% Quantitative/30% Local Input
- Division 50% Quantitative/50% Local Input

Quantitative Data (all or some)

- Benefit-Cost
- Congestion
- Economic Comp.
- Safety
- Freight
- Multimodal
- Pavement Condition
- Lane Width
- Shoulder Width
- Accessibility and connectivity

FAST Act – Funding Alternatives Program

- Created a program in U.S. Section 23-503(b) to provide grants that:
 - Demonstrate user-based alternative revenue mechanisms
 - Utilize user fee structure, such as tolling or vehicle miles travelled
 - Help maintain future long-term solvency of the Federal Highway Trust Fund

- Program Goals:

Implementation, Interoperability, Public Acceptance and Hurdles	Use of Independent and Private Third Parties
Privacy Protection	Congestion Mitigation Impacts
Equity Concerns	Ease of User Compliance
Technology Reliability and Security	Flexibility of User Choice
Cost of System Administration	Auditing, Compliance/Enforcement

- Funding
 - \$15 million in FFY 16
 - \$20 million annually from FFY 2017 through FFY 2020
 - 50% Cost Sharing

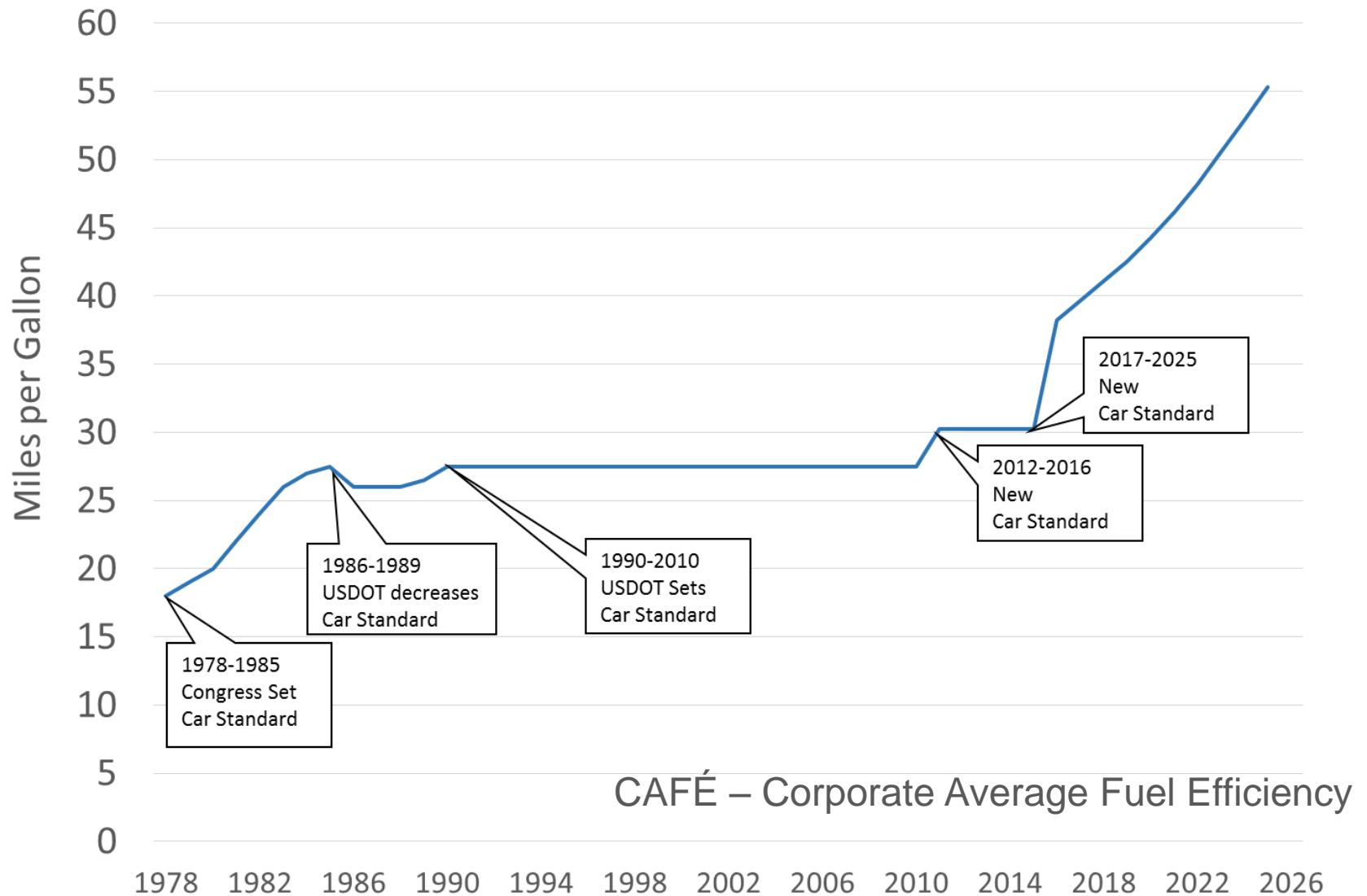
FAST Act – Funding Alternatives Program

FFY 2016 Selections (\$14.3 million)

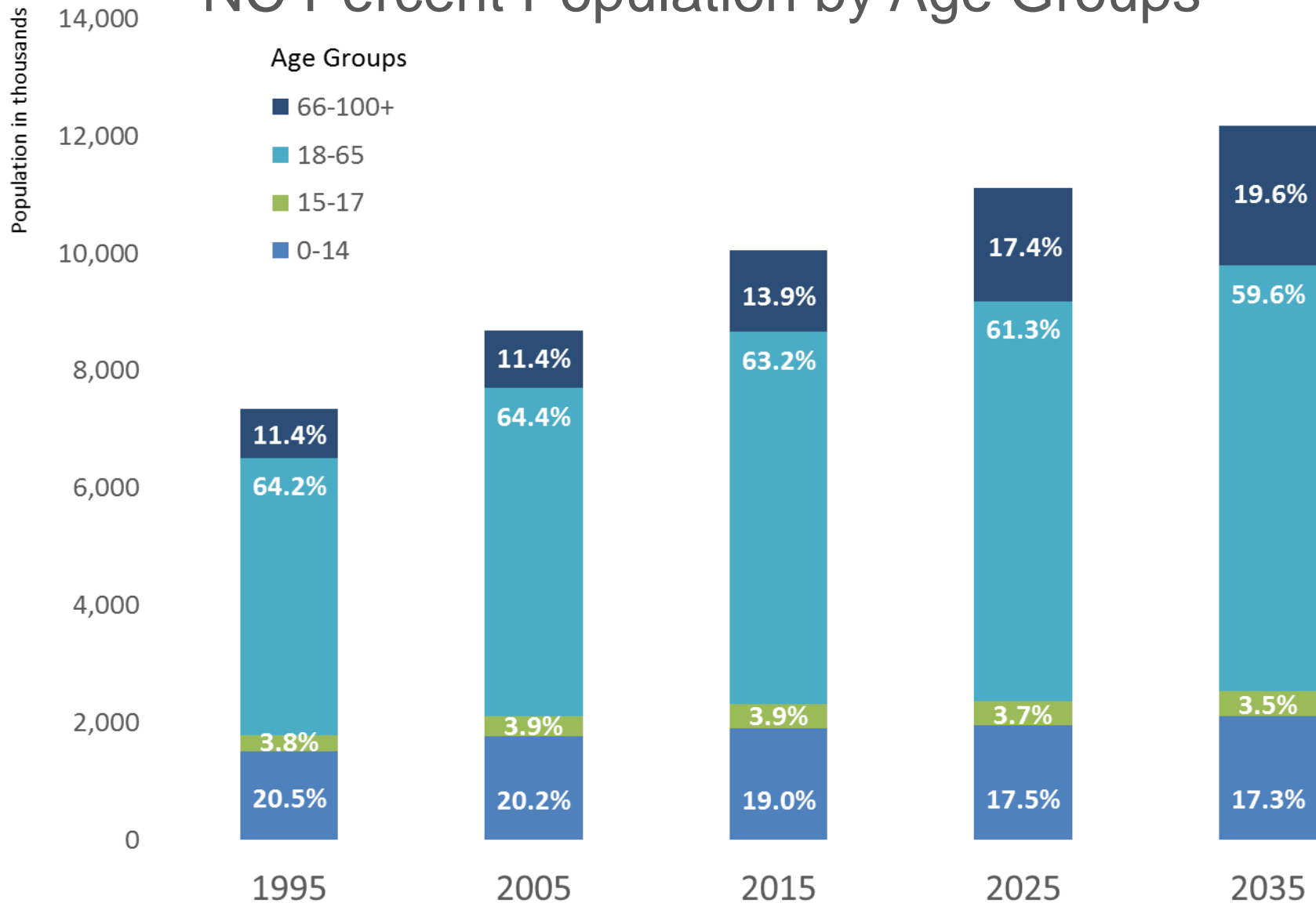
State	Project	Funding (\$ in thousands)
California	Pay at the Pump	750
Delaware	On Board Mileage Counter	1,490
Hawaii	Inspection Station Odometer Reading	3,998
Minnesota	Collection by Mobility as a Service Provider	300
Missouri	Registration Fee Based on Estimated Miles/Gallon	250
Oregon	Improvements to Existing Program	2,100
Oregon	Interoperability with Western Road User Charge Consortium	1,500
Washington	Interoperability of Various Collection Systems	3,847

Note: There are pilot programs in California, Oregon and Minnesota

Federal Vehicle Standards (CAFÉ) – Passenger Vehicle



NC Percent Population by Age Groups



Projection – Vehicle Ownership Articles

Article	Date
<u>Demographic Shifts: Shaping the Future of Car Ownership</u>	2/2017
<u>Goodbye car ownership, hello clean air: welcome to the future of</u>	12/2016
<u>The future of car ownership that no one is talking about</u>	7/2016
<u>Fewer car owners and more driverless vehicles in future, survey reveals</u>	1/2017
<u>Peak Car Ownership is near – beginning of the fall of car ownership ...</u>	3/2017
<u>Cars 2025</u>	
<u>Driverless vehicles: The future of car ownership is Pay-As-You-Go ...</u>	2/2017
<u>Could Self-Driving Cars Spell the End of Ownership?</u>	12/2015
<u>Silicon Valley vs. Detroit: The Future of Car Ownership</u>	3/2017

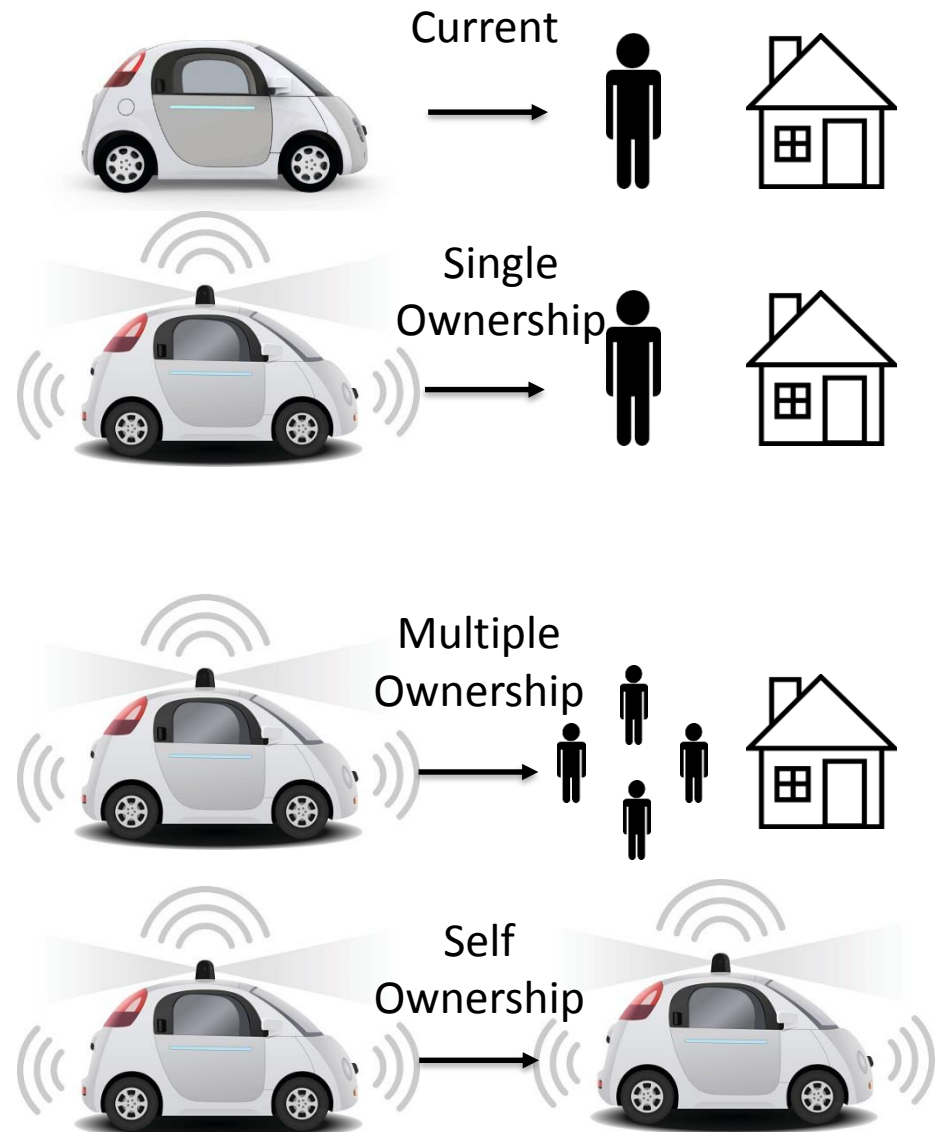
Projection – Autonomous/Vehicle Ownership

The Car - will grow smarter and more efficient, with high-efficient engines, lighter materials and autonomous driving vehicles

The Industry – will evolve with new competition from tech companies, and suppliers capable of producing high-tech parts at low prices

The Driver – will look at cars differently sharing cars and using them as a space to consume media and make calls

Transportation Funding Model – will have to evolve in anticipation of the change



Projection – Autonomous Vehicle Deployment

Stage	Decade	Vehicle Sales	Vehicle Fleet	Vehicle Travel
Available – large price premium	2020s	2-5%	1-2%	1-4%
Available - moderate price premium	2030s	20-40%	10-20%	10-30%
Available – minimal price premium	2040s	40-60%	20-40%	30-50%
Standard - included on most new vehicles	2050s	80-100%	40-60%	50-80%
Saturation (everybody who wants it has it)	2060s	?	?	?
Required – on all new and operating vehicles	???	100%	100%	100%



MULTI-MODAL COMMITTEE MEETING MINUTES

DATE: 5/31/17 TIME: 3:05 LOCATION: EIC

MEETING CALLED BY	Chairman Andy Perkins
BOARD ATTENDEES	Tracy Dodson, Nina Szlosberg-Landis, Anthony Lathrop, Daniel McComas, Allen Moran, Valerie Jordan, Billy Clarke

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF MAY 3 MINUTES – CHAIRMAN PERKINS	
DISCUSSION SUMMARY	Motion by Anthony Lathrop, seconded by Daniel McComas
ACTIONS TAKEN	Approved unanimously
2. SUSPENSION OF MODALS	
DISCUSSION SUMMARY	Chairman Perkins suspended the normal modal reports to engage the committee members in a discussion about topics and issues the committee wanted to have at future meetings. Topics included: New and advanced technology as it relates to all modes; establishing strategic goals and performance metrics for all modes; creating additional funding for Bike and Ped needs across the state; supplier diversity development as part of the new advance technology conversation; actively look for opportunities to establish pilot programs; see and hear about new innovative ideas from different modes; getting to know stakeholders; creating good use of time and value while on the committee; consider ways to bring a more friendly environment to NC and take future charges into account; consider ways to prioritize thoughts and give leaders in modes a way to broaden what they do; create a SITREP or dashboard for different modes to measure/track success and spend time on a vision; create new long term transportation plan that will get all modes involved.
ACTIONS TAKEN	Informational
3. FUNDING ITEMS (PTD, RAIL, AVIATION)	
DISCUSSION SUMMARY	Information was presented by Transit Directors for the Committee's approval.
ACTIONS TAKEN	<ul style="list-style-type: none">• Motion to approve PTD Funding Item made by Anthony Lathrop and seconded by Daniel McComas.• Motion to approve Rail Funding Item made by Daniel McComas, and seconded by Allen Moran.• Motion to approve Aviation Funding Item made by Daniel McComas, and seconded by Allen Moran.
4. SIDEWALK AND PEDESTRIAN POLICY UPDATE – JOHN VINE-HODGE	
DISCUSSION SUMMARY	Information was presented and recommended for approval by the Board.
ACTIONS TAKEN	Motion to approve was made by Andy Perkins and seconded by Billy Clarke.



MULTI-MODAL COMMITTEE MEETING MINUTES

5. RAIL CORRIDOR PRESERVATION POLICY UPDATE	
DISCUSSION SUMMARY	Information was presented and recommended for approval by the Board.
ACTIONS TAKEN	Motion to approve was made by Andy Perkins and seconded by Billy Clarke.

6. RAIL PRESENTATION – PAUL WORLEY	
DISCUSSION SUMMARY	Paul Worley gave a detailed power point summary of upcoming rail projects
ACTIONS TAKEN	Informational

Adjourned: 4:06



MULTI-MODAL COMMITTEE

COMMITTEE AGENDA

BOARD OF TRANSPORTATION

June 28, 2017

TIME: 2:10 PM

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of May 31, 2017 Meeting Minutes	Chairman Perkins	2:10-2:15
Funding Items (Aviation, PTD, Rail)	Transit Directors	2:15-2:25
Multi-Modal Update	David Howard	2:25-2:35
Aviation Update <ul style="list-style-type: none">• Division Highlights• Future of Mode• Discussion	Bobby Walston	2:35-2:55
Public Transportation Update <ul style="list-style-type: none">• Division Highlights• Future of Mode• Discussion	Debbie Collins	2:55-3:15
Adjourn	Chairman Perkins	3:15-3:30

Watch For Me NC – A comprehensive pedestrian and bicycle safety program aimed at reducing bicycle and pedestrian crashes and fatalities in the state. The Campaign is gearing up to start this month and will bring 1/2 day and full day trainings throughout the state.

Event Date/Time

- Outer Banks- Kill Devil Hills/Corolla - Half-Day Course - June 22, 2017
- Elizabeth City - Full Day Course - June 23, 2017
- UNC Wilmington/Cape Fear Area - Half-Day Course - June 29, 2017
- Burgaw/Oak Island/Pine Knoll Shores Area - Full Day Course - June 30, 2017
- Apex - Triangle Area - Half-Day Course - July 14, 2017
- Greensboro- Half-Day Course- July 20, 2017
- Elon - Full Day Course - July 21, 2017
- Charlotte - Half-Day Course - July 27, 2017
- Asheville/Morganton/Boone/Transylvania/Murphy- Half-Day Training- August 3
- Newton/North Wilkesboro/Cornelius- Full Day Course- August 4, 2017

In 2017, the campaign is reaching its highest level of participation to date, with 33 community programs encompassing more than 140 individual agencies or departments. The program provides training for law enforcement officers on methods for improving safety for all road users in their areas. Communities will also receive technical assistance, materials, and purchased media promotion such as billboards to help raise public awareness about important pedestrian and bicycle safety issues.

SB 257 – We have provided and continue to work with our advocacy partner, BikeWalk NC, in providing comments and feedback regarding this bill.

Complete Streets Initiative – Our division will be meeting with the Transportation Planning Branch to discuss an implementation plan regarding NCDOT and Complete Streets. This meeting will be held Friday, June 16.

Inter-Departmental NCDOT Division meeting – The DBPT and ARTS program staff along with local community members will meet at the Div. 4 offices June 27 to discuss SRTS initiatives along with Div. of Public Health initiatives. This is the second of 14 meetings that will take place during the Summer and Fall for each NCDOT Division.

Fatal table as of 6/12/2017

Fatal Crashes						Fatalities				
Category	2017 YTD	2016 YTD	YTD Diff	YTD % Change	5 Yr avg. total	2017 YTD	2016 YTD	YTD Diff	YTD % Change	5 Yr. avg. total
Bicyclist	10	6	4	66.7%	19	10	6	4	66.7%	19
Pedestrian	62	75	-13	-17.3%	170	62	76	-14	-18.4%	173



NORTH CAROLINA

Department of Transportation



Division of Aviation Update

Bobby Walston, Director

June 28th, 2017

NCDOT - Division of Aviation Mission

Promote the economic well being of North Carolina through air transportation system development and improved aviation safety and education.

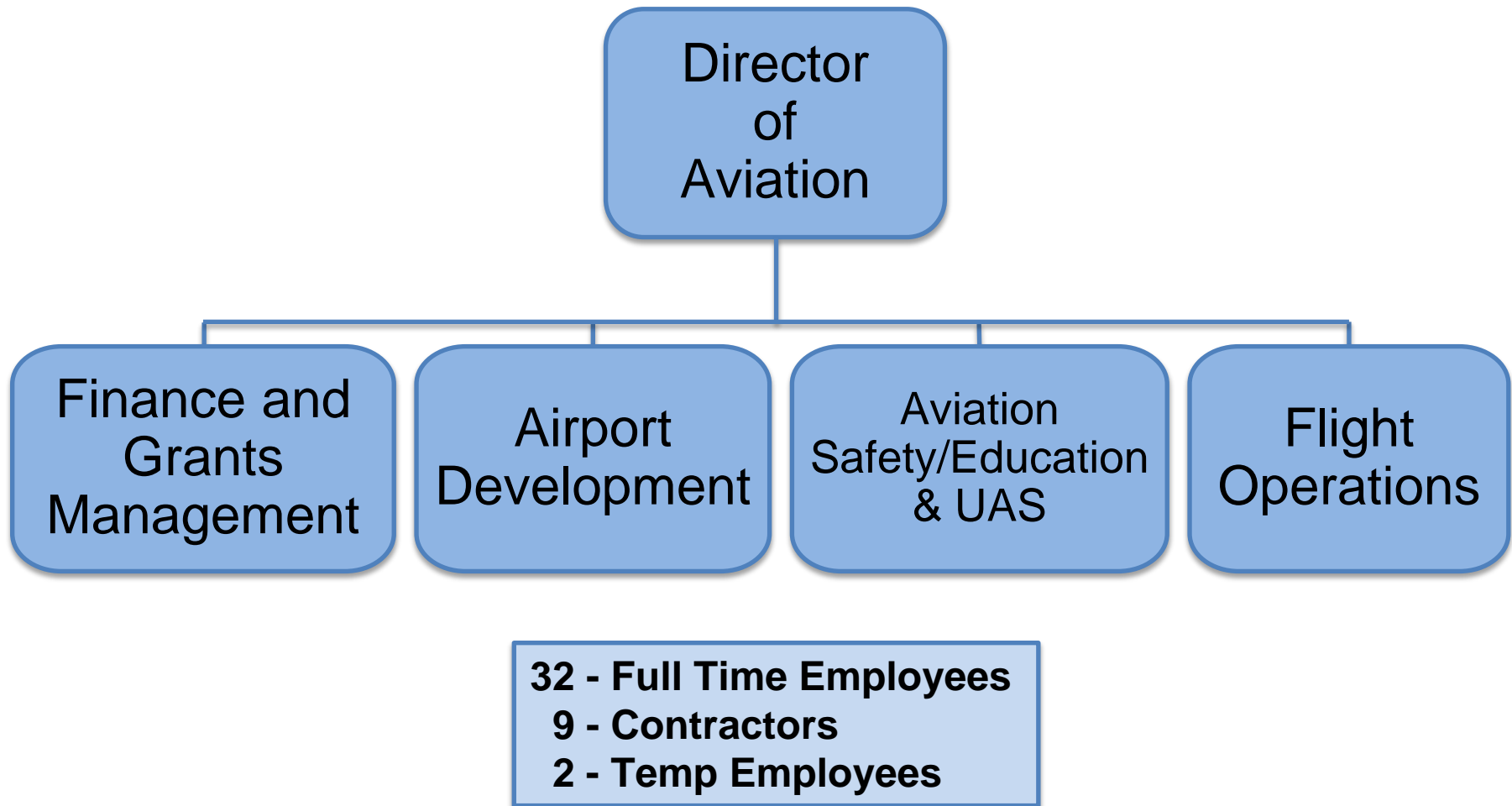


Division of Aviation - Focus for 2017-18

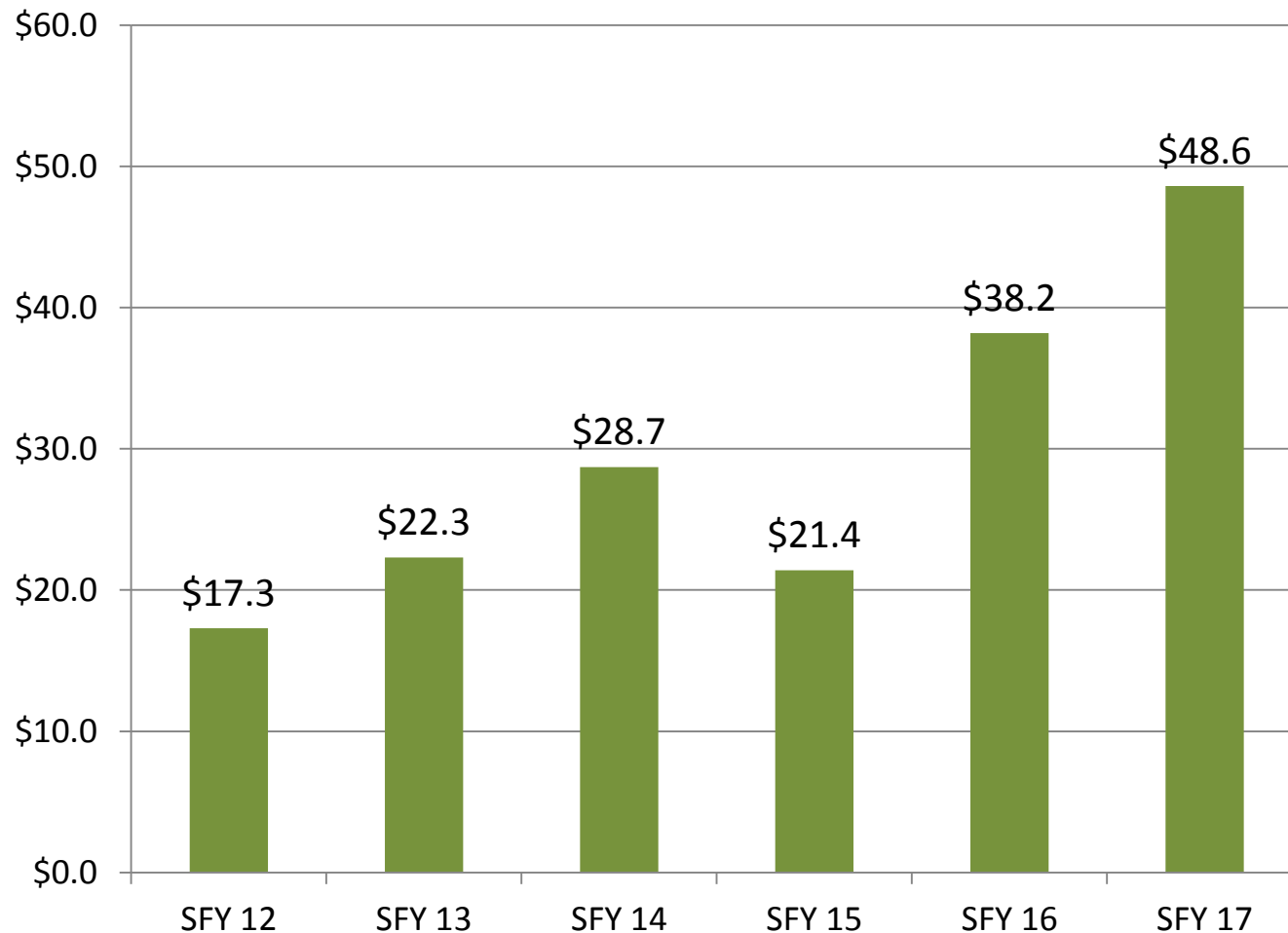


1. Support aviation and aerospace development
2. Improve the safety and condition of our airports
3. Collaborate to accelerate airport programs and project delivery
4. Provide more aviation safety and education opportunities
5. Promote and utilize new aviation technologies
6. Update aircraft fleet to meet missions

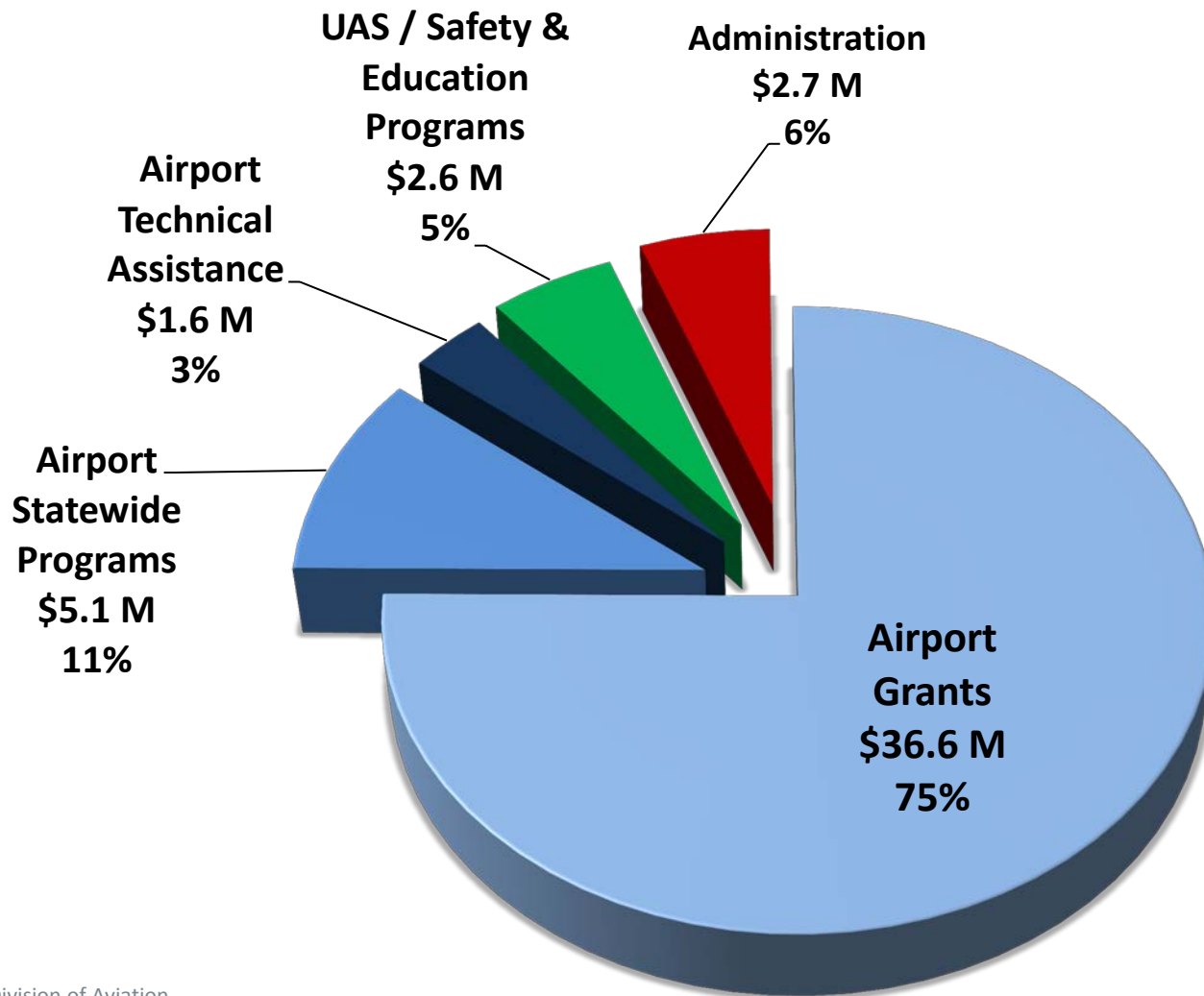
Division of Aviation Organization Chart



State Funding (in millions) SFY 2012-2017



Aviation SFY 2017 Fund Allocation



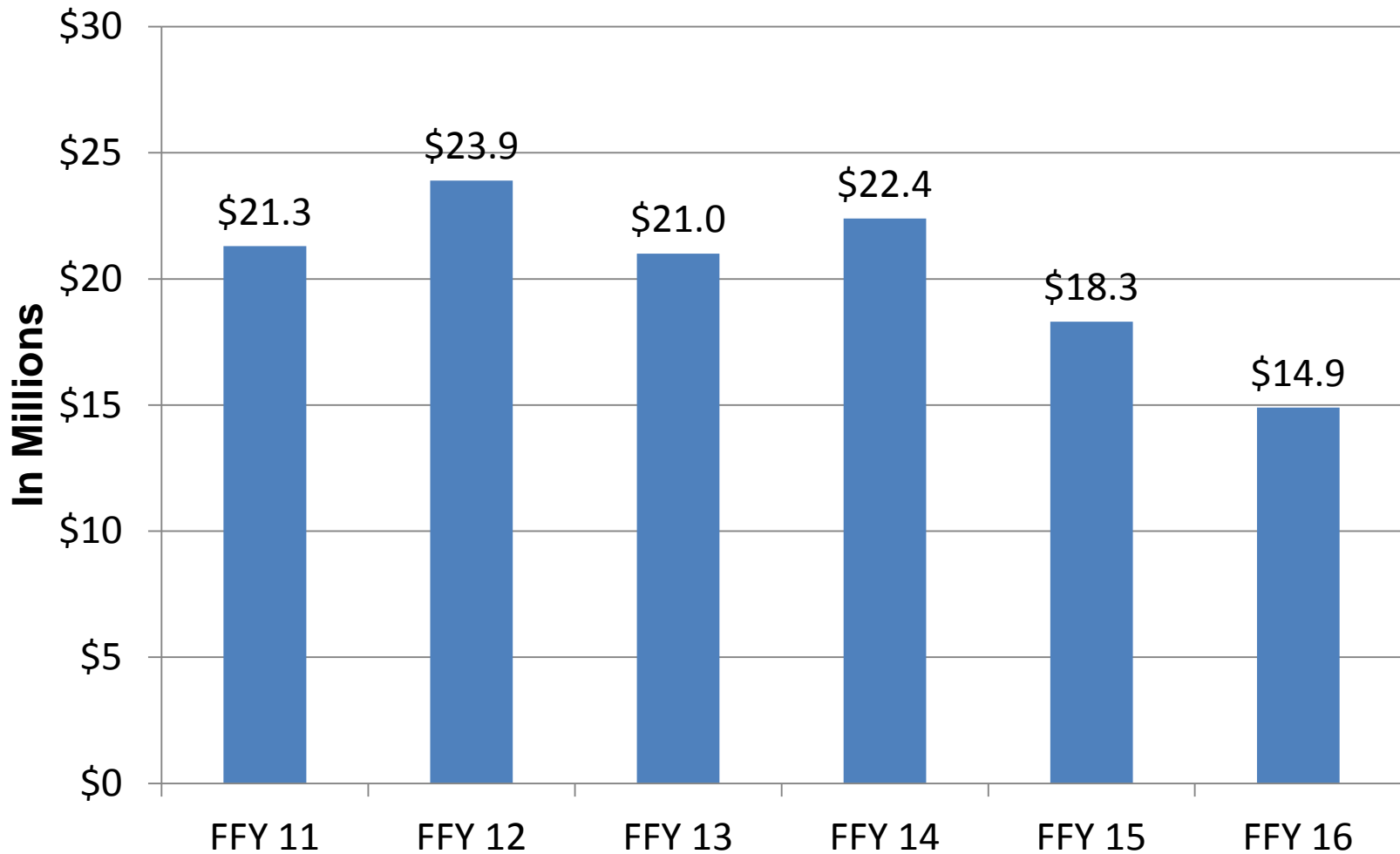
Source: NCDOT – Division of Aviation

FY 2017 Aviation STI Projects

Tier	Quantity	Cost
Statewide Mobility	2	\$ 1.0M
Regional Impact	3	\$ 0.9M
Division Needs	6	\$ 9.3M
Total	11	\$ 11.2M

Note: STI funds Capital Projects only

FAA State Block Grants FFY 2010-2016



Division of Aviation Core Functions

As the State's Aviation Authority:

1. Inform and Promote Aviation and Aerospace Development
2. Manage State and Federal Airport Grants and Programs
3. Conduct Aviation Safety and Education Programs
4. Operate the Unmanned Aircraft Systems(UAS) Program
5. Provide Air Transportation for all State Agencies



Wright Brothers World Famous Flight

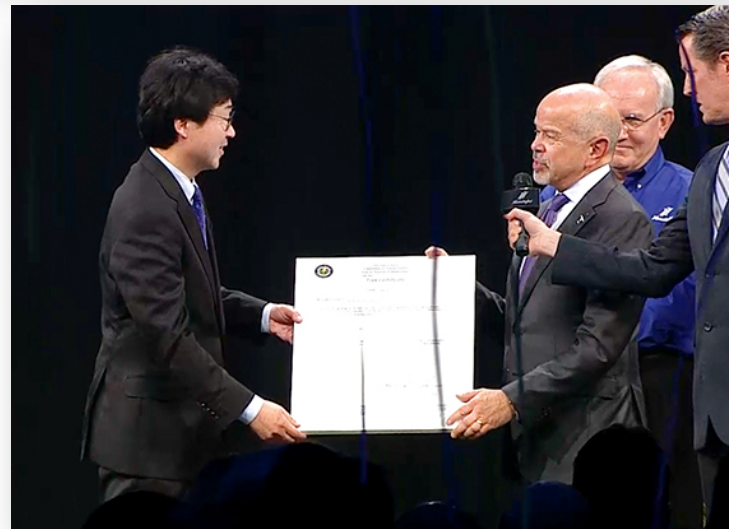
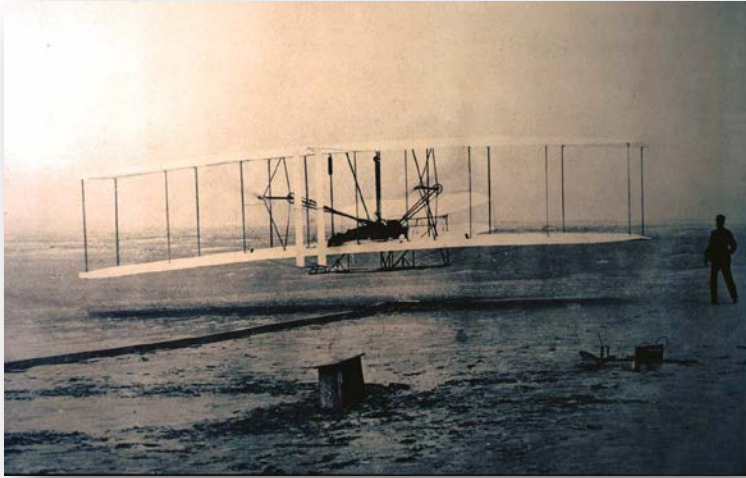
The first successful sustained powered flights in a heavier-than-air machine were made here by Wilbur and Orville Wright on December 17, 1903.



Kitty Hawk, NC

North Carolina Aviation

First in Flight



Aviation in North Carolina

Annually:

- 28.4 million total passenger enplanements
- 3.2 million total aircraft operations
- Over 1.3 billion pounds of air cargo

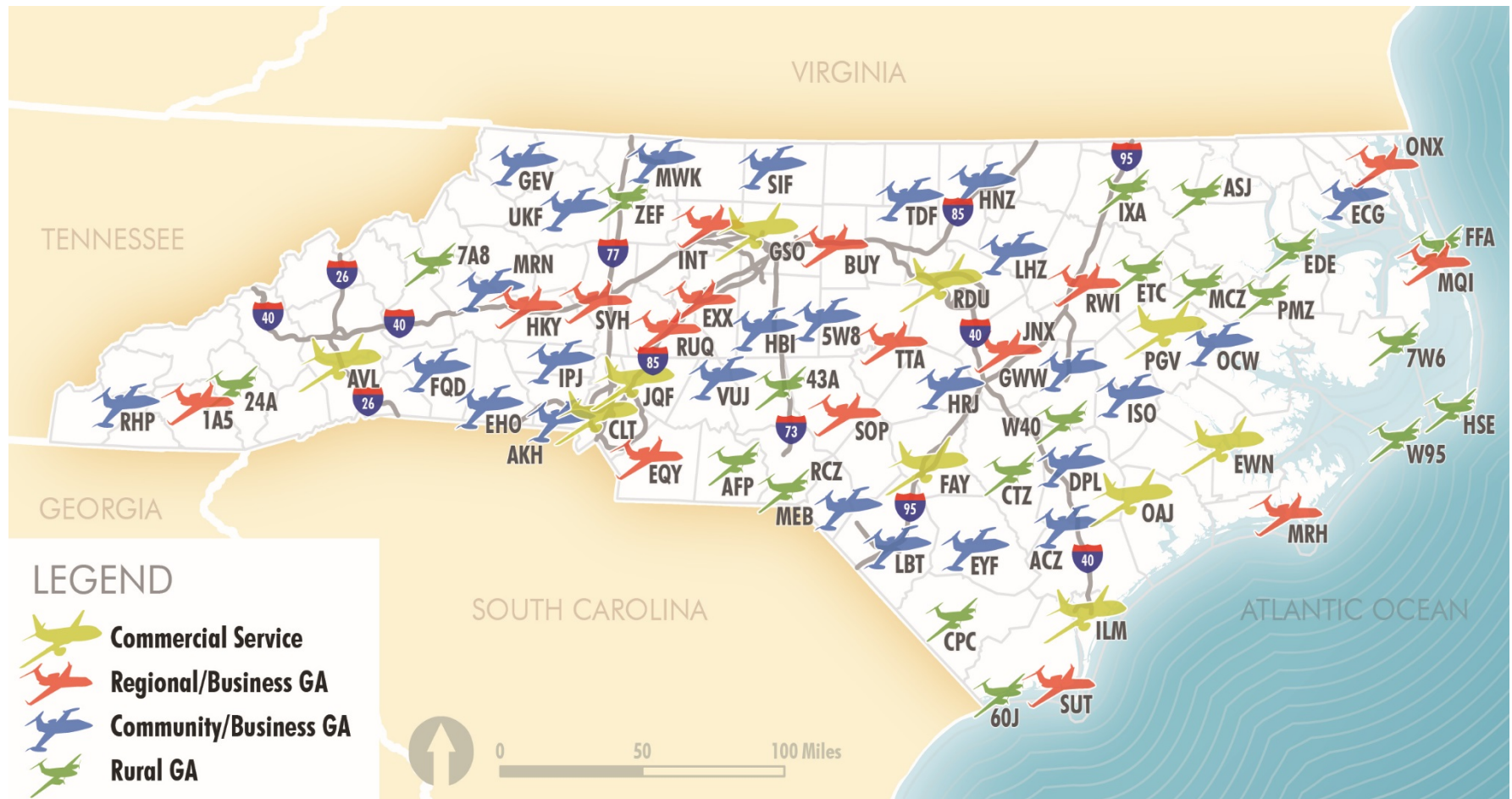
Pilots, Aircraft and Mechanics

- 17,760 Pilots
- 6,987 Aircraft
(625 Business Aircraft)
- 18,702 Mechanics



North Carolina's Airport System

72 Publicly Owned Airports in North Carolina



Annual Economic Impact of NC's System of Publically Owned Airports

Commercial Service and General Aviation Airports provide more than **\$31.1 billion in economic impact** each year.



Annual Economic Impact of NC's System of Publically Owned Airports

Commercial Service and General Aviation Airports support over **123,000 jobs** throughout North Carolina which result in more than **\$4.1 billion** in personal income.



Annual Tax Revenues collected because of NC's System of Publically Owned Airports

State and local governments received more than \$910 million in sales, property, corporate, and personal taxes due to airport activity.

- \$550 million in state tax revenue related to business activity.
- \$360 million in local tax related to airport business activity.



NC Aerospace Manufacturing Industries...

- provide more than \$10.5 billion in economic impact each year,
- support over 42,600 jobs throughout North Carolina, and
- result in more than \$3 billion in personal income for aviation-related jobs.

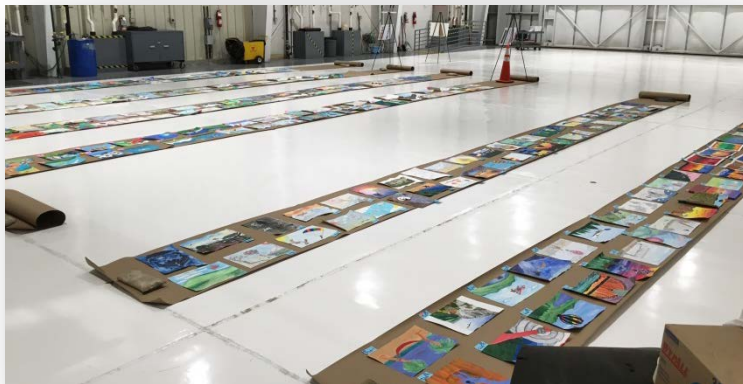


Airport Grants and Programs



Aviation Safety & Education Programs

- Conduct pilot and aircraft mechanic safety seminars
- Promote aviation education and career opportunities
- K-12, college, and workforce development programs

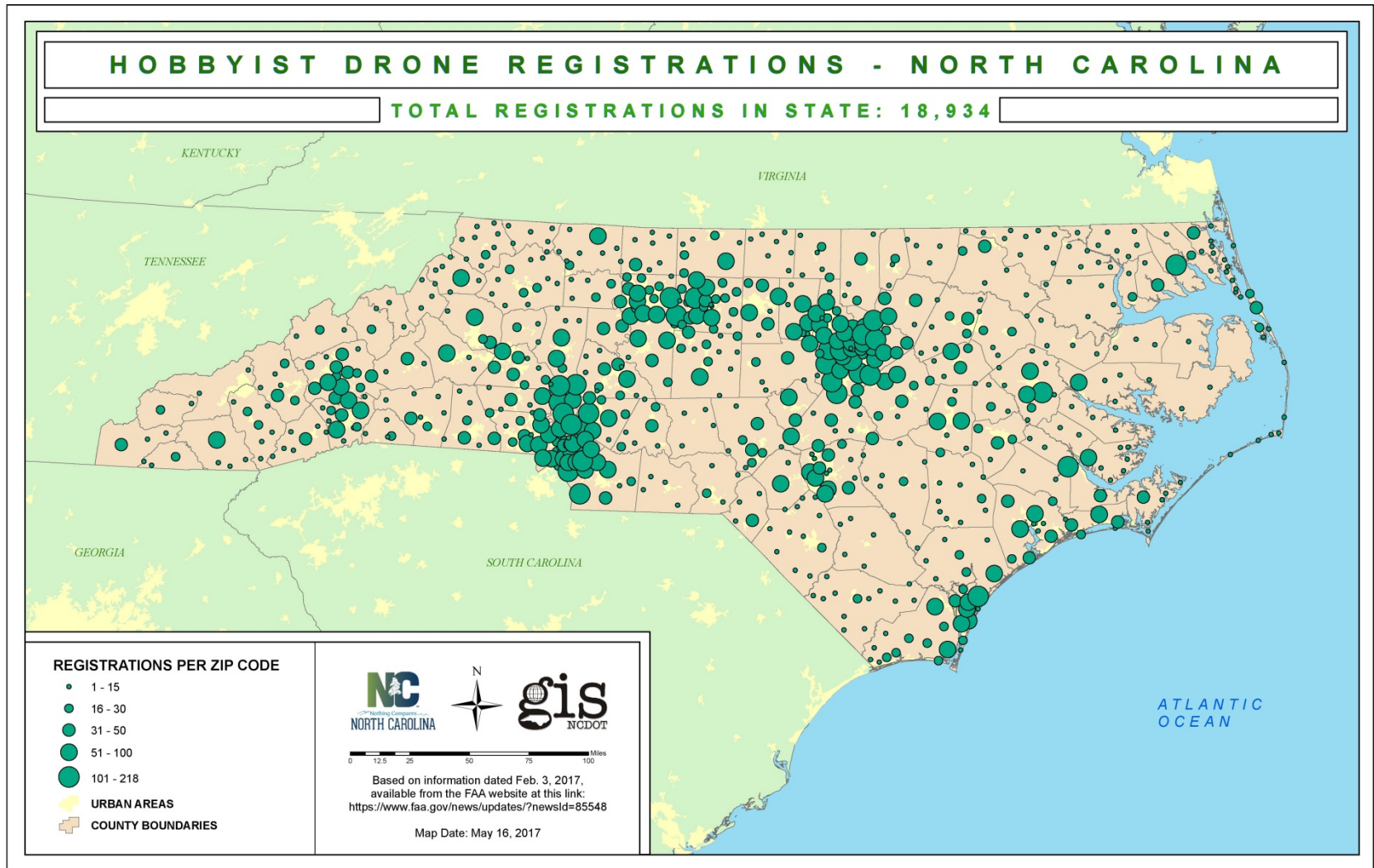


NC UAS “Drone” Program

- Online administration of NC UAS Operators Knowledge Test
- Commercial and Government UAS Operator's Permits can be acquired online
- UAS Safety Guide and NC Statutes
- Helpful Link:
[ncdot.gov/aviation/uas/](https://www.ncdot.gov/aviation/uas/)

The screenshot shows the NCDOT website's page for the Operating Unmanned Aircraft Systems (UAS) in North Carolina. The page features a navigation bar with links to Home, About, eNewsletter, Careers, Contact, and a search bar. Below the navigation bar, the page title is "Operating Unmanned Aircraft Systems (UAS) in North Carolina". The main content area includes a large banner with a drone and a person, containing the text "Do you know the requirements to fly a drone in North Carolina?" and links to "Download Study Guide" and "Start Knowledge Test". To the right, there is a section for "UAS Operator Permits" explaining that a permit is required for commercial and government drone operations and linking to the "UAS Knowledge Test". Below this is a "Start Permitting Process" button. Another section titled "About UAS Program" states the goal of ensuring safe drone flights and includes a "Read more" link. Further down, the "Types of UAS Operation" section provides detailed information, guidelines, and restrictions for drone pilots, with sub-sections for Commercial, Government, and Recreational. The "Resources" section offers helpful documents and links, with icons for Downloads, FAQ, Links, and Permit Requirements. The page concludes with an "About UAS Operations in North Carolina" section, stating the goal of making drone operations safe and responsible.

Drones Registered in NC



UAS Photography



NC 147-70 Bypass

UAS Photography



NC 540 – Veridea Pkwy

UAS Photography



Johnston Regional Airport

UAS Photography



Foothills Regional Airport

UAS Photography



Western Carolina Regional Airport

Accident Reconstruction Exercise

UAS Project Objectives:

- Use a drone to capture data to reconstruct a highway accident scene
- Meet or exceed existing data collection requirements

Primary Partners:

- Governor's Highway Safety Program
- NC State Highway Patrol
- NCDOT Traffic Management Unit

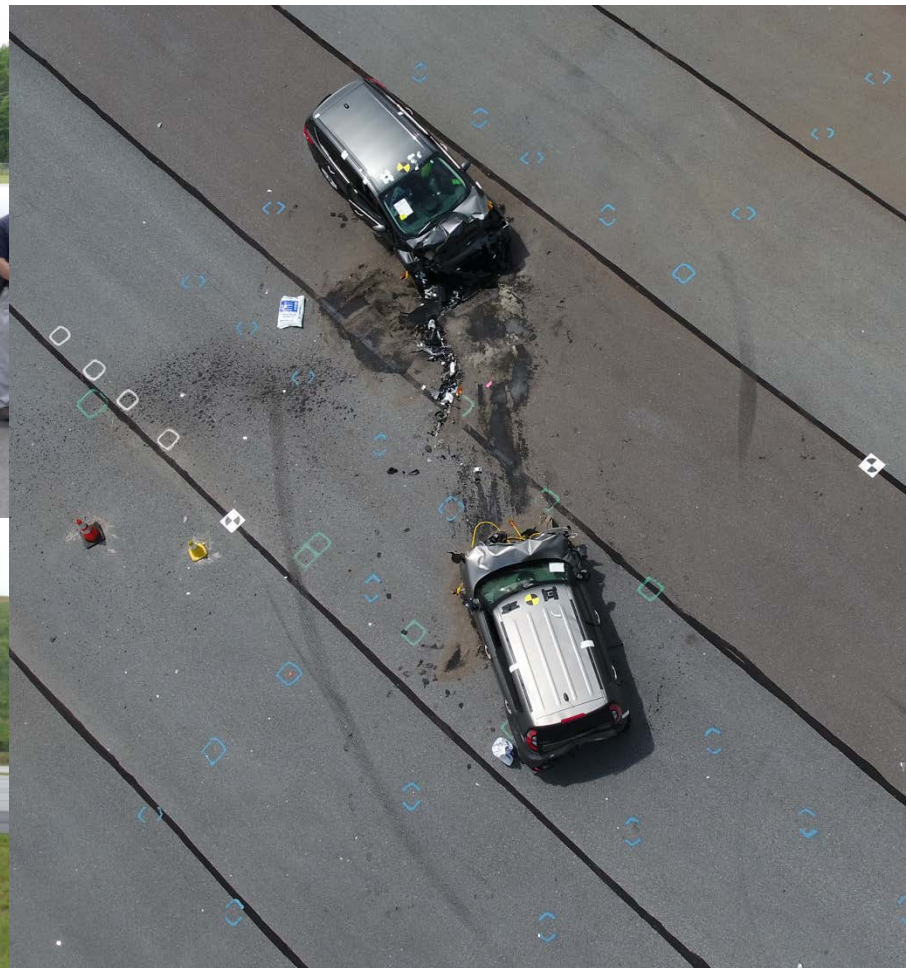
Preliminary Results:

Utilizing a drone...

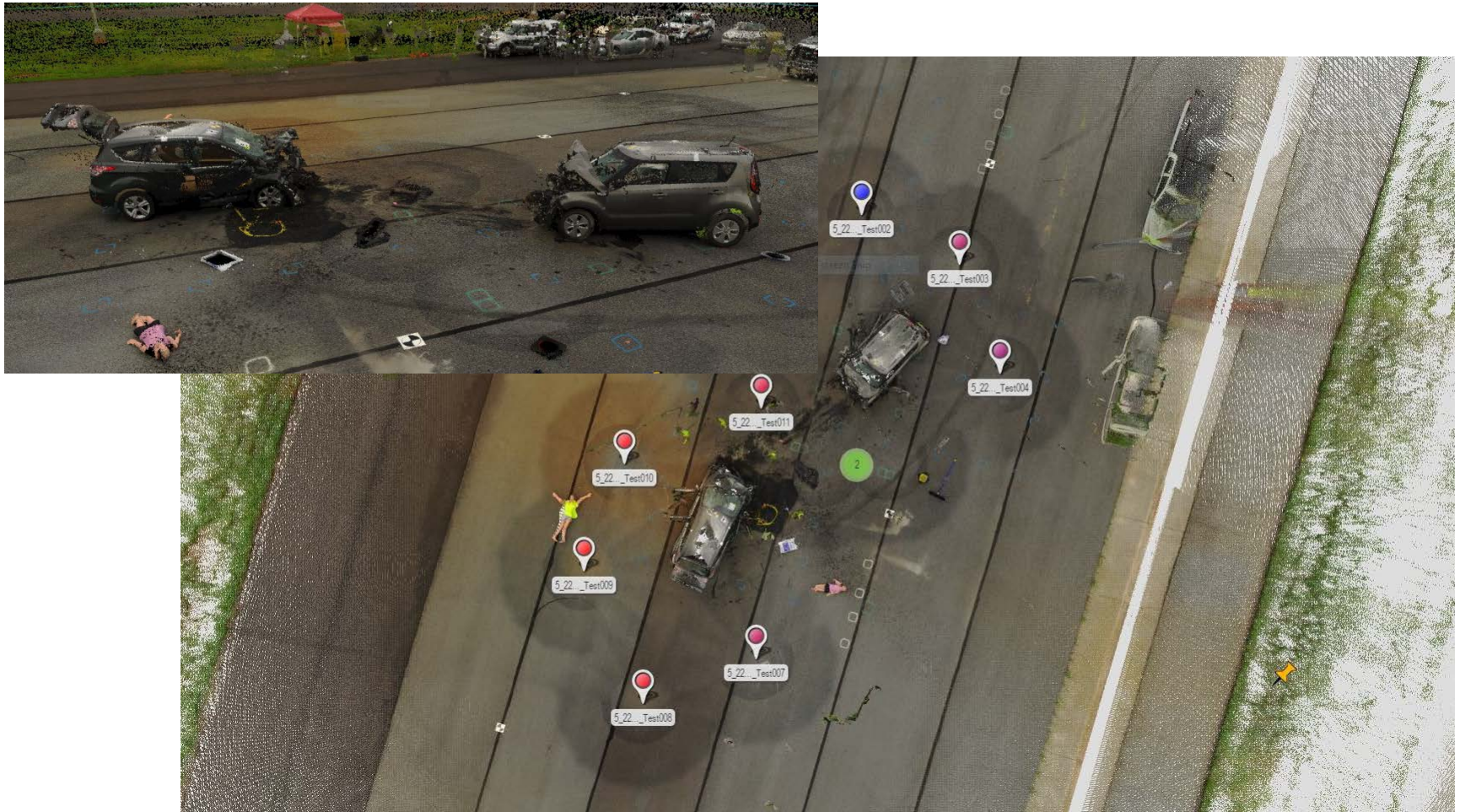
- can provide data as accurate as traditional surveying methods
- are much quicker than traditional methods (15 min. vs 150 min.)
- open roads to traffic quicker
- minimize exposure of emergency and first responders to traffic



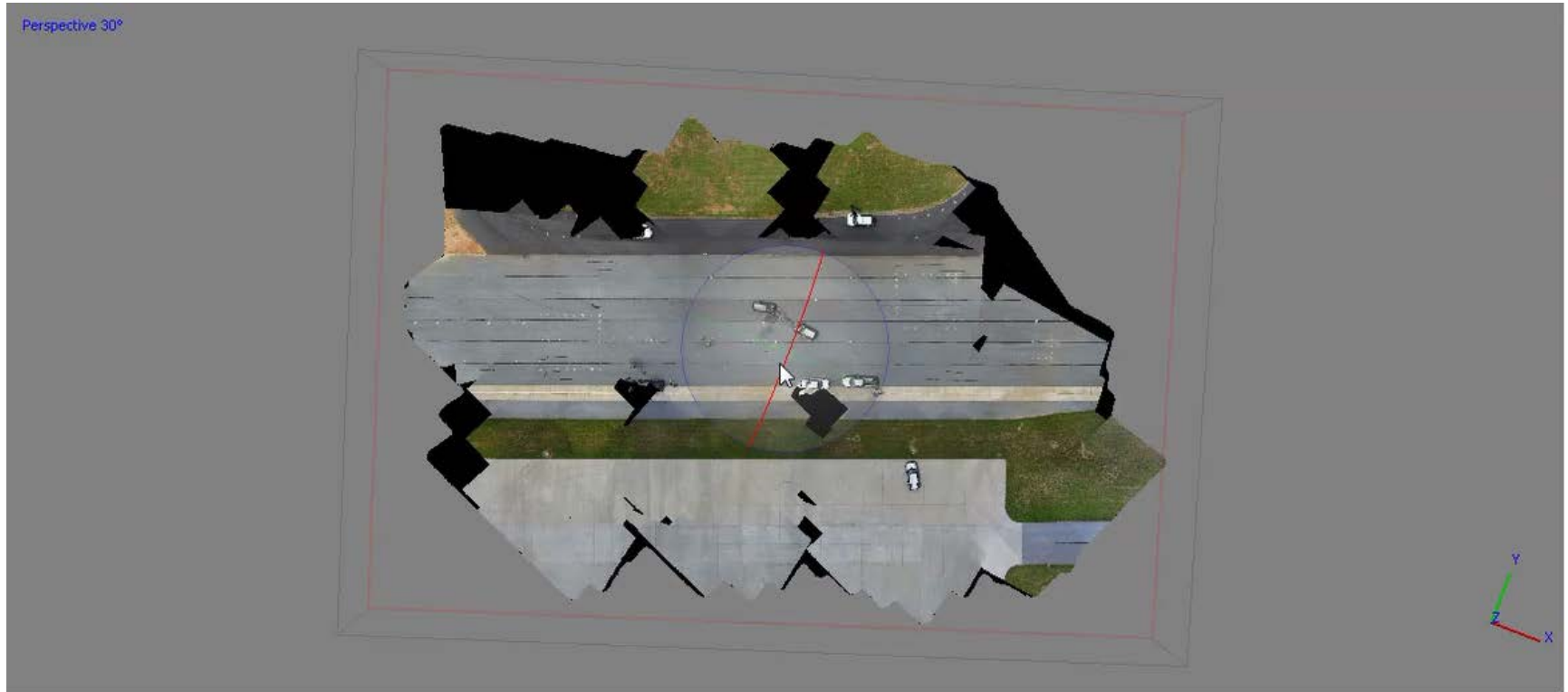
Accident Reconstruction



Accident Reconstruction



Accident Reconstruction



NCDOT Flight Operations Aircraft Fleet



2007 King Air 200
9 Passengers



2007 King Air C90
Photogrammetry or 6 Passengers



1998 S-76 Helicopter
7 Passengers

Types of Flight Missions

Mission Specific:

- Passenger Transport
- Photogrammetry Operations
- Emergency and Reconnaissance Operations
- Maintenance and Training Operations

Primary Users:

- Transportation
- Commerce (Business & Industry)
- State Executives
- Public Safety
- State Universities



Division of Aviation – Future of the Mode



1. Increases in Aviation Funding
2. Project Delivery & Cash Flow Mgmt
3. Proliferation of Unmanned Aircraft
4. Newer Focus on Economic Development
5. Advancement of NextGen Improvements
6. Increase in Aviation Safety & Ed Programs
7. Needed Revisions to STI for Airports
8. Update Aircraft Fleet
9. Complete Division Reorg Plan



Discussion



Bobby Walston, PE
NCDOT - Aviation Director
www.ncdot.gov/aviation/



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
FERRY DIVISION MONTHLY UPDATE REPORT FOR May 2017

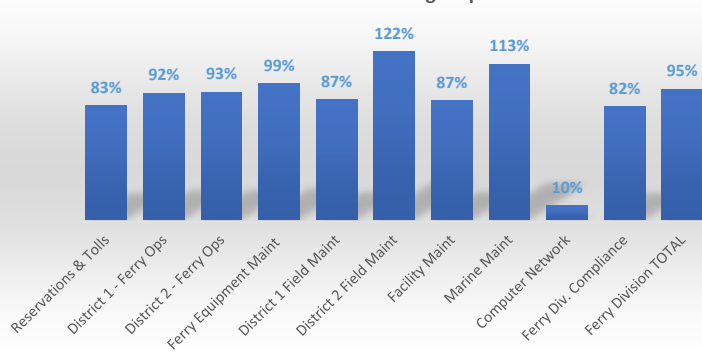
Ridership (Vehicles)

Ferry Routes	May 2017	May 2016	DELTA	FY17 YTD	FY16 YTD	DELTA
Currituck - Knotts Island	1,744	1,637	6.5%	16,486	17,299	-4.7%
Hatteras - South Dock	29,308	27,491	6.6%	212,402	216,013	-1.7%
Swan Quarter - Ocracoke	3,696	3,564	3.7%	28,485	29,007	-1.8%
Cedar Island - Ocracoke	5,558	5,362	3.7%	39,846	40,937	-2.7%
Aurora - Bayview	4,922	4,722	4.2%	44,983	46,003	-2.2%
Cherry Branch - Minnesott	19,017	18,560	2.5%	177,250	176,314	0.5%
South Port - Fort Fisher	21,435	21,107	1.6%	184,049	180,113	2.2%
Emergency Ferry Rt.			N/A			N/A
Monthly Total	85,680	82,443	3.9%	703,501	705,686	-0.3%
Schedule Maintained	99.0%	99.3%	-0.3%	96.3%	95.6%	0.8%

Budget (Operations & Maintenance)

Departments	FY2017 Spending Plan	Expenditures through May 2017
Reservations & Tolls	\$ 563,596.00	\$ 467,820.28
District 1 - Ferry Ops	\$ 11,479,505.00	\$ 10,555,982.83
District 2 - Ferry Ops	\$ 8,961,303.00	\$ 8,305,316.19
Ferry Equipment Maint	\$ 13,704,533.00	\$ 13,508,092.24
District 1 Field Maint	\$ 602,956.00	\$ 524,123.32
District 2 Field Maint	\$ 507,564.00	\$ 619,170.18
Facility Maint	\$ 503,926.00	\$ 436,268.79
Marine Maint	\$ 1,233,740.00	\$ 1,393,859.96
Computer Network	\$ 3,845.00	\$ 387.41
Ferry Div. Compliance	\$ 1,664,034.00	\$ 1,364,887.33
Ferry Division TOTAL	\$ 39,225,002.00	\$ 37,175,908.53

Percent of Planned Budget Spent



Status of Capital Reserves Funds

Routes	WBS	WBS Balance as of	May 2017
FER Sys Cptl All Routes	16SP.501.1	\$	367,386.00
FER D1 Currituck-Knotts Island Cap Reserve	16SP.511.1	\$	28,167.12
FER D1 Hatteras Inlet Cap Reserve	16SP.512.1	\$	233,523.33
FER D1 Swan Quarter - Ocracoke Island Cap Reserve	16SP.513.1	\$	1,572,187.70
FER D1 Ocracoke Island of OI-Cedar Island Cap Reserve	16SP.514.1	\$	1,433,918.08
FER D2 Pamlico River Route Cap Reserve	16SP.521.1	\$	31,327.10
FER D2 Cherry Branch - Minnesott Beach Cap Reserve	16SP.522.1	\$	159,095.42
FER D2 Cedar Island of OI - Cedar Island Cap Reserve	16SP.523.1	\$	1,433,918.10
FER D3 South Port - Fort Fisher Cap Reserve	16SP.531.1	\$	3,336,368.75
FER Shipyard Capital Reserve	16SP.43	\$	1,019,458.41
Total		\$	9,615,350.01

Missed Trips Summary for Month Reporting

Ferry Routes	Scheduled	Missed	A	B	C	D
Currituck - Knotts Island	356	4	2	2	0	0
Hatteras - South Dock	2,160	0	0	0	0	0
Swan Quarter - Ocracoke	204	4	0	0	2	2
Cedar Island - Ocracoke	222	0	0	0	0	0
Aurora - Bayview	434	0	0	0	0	0
Cherry Branch - Minnesott	1,654	46	0	42	0	4
South Port - Fort Fisher	960	4	0	2	2	0
Monthly Total	5,990	58	2	46	4	6

Shipyard Capital Reserve Brief

Expenditures	May 2017	Cumulative
16SP.43.1	\$15,827.00	\$751,142.79
Receipts	May 2017	Cumulative
16SP.43.2	\$10,964.34	\$1,770,601.20
Commitment Line Items		Value
Heavy Lift Equipment		\$74,955.00
Total Commitments		\$74,955.00
Upcoming priorities		Estimate
Water tower restoration		\$500,000.00
Replace 30 year old chiller system		\$100,000.00
Pending Receipts	Amount	

Missed Trips Legend: A-Weather, B-Mechanical, C-Inspections, D-Other

Updates or Comments

Missed Trips - Other: Swan Quarter-Ocracoke round trip -crew member family emergency;
 Cherry Branch - 2 round trips -ramp repairs.
 Passenger Ferry: Bid Opening was 16 May / Project Awarded 30 May to Armstrong Marine



PIEDMONT & CAROLINIAN PERFORMANCE SNAPSHOT **NCDOT RAIL DIVISION** **for the Month of APRIL 2017**

Ridership

	FFY17 APR	FFY16 APR	Δ	FFY17 YTD	FFY16 YTD	Δ
Carolinian	25,525	22,858	12%	155,219	158,865	-2%
Piedmont	12,233	12,052	2%	88,284	92,570	-5%
Total	37,758	34,910	8%	243,503	251,435	-3%

Number of Trains

Average Number of Passengers per Train

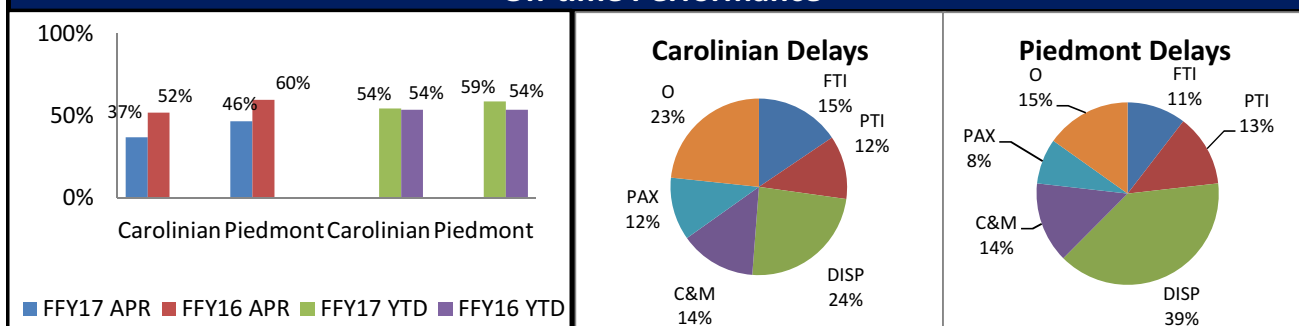
FFY17 APR	FFY16 APR	Service	FFY17 APR	FFY16 APR	Δ
60	60	Carolinian	425	381	12%
96	114	Piedmont	127	106	21%

Revenue

	FFY17 APR	FFY16 APR	Δ	FFY17 YTD	FFY16 YTD	Δ
Carolinian	\$1,586,931	\$1,379,516	15%	\$9,564,446	\$9,769,625	-2%
Piedmont	\$261,040	\$245,397	6%	\$1,897,232	\$1,971,865	-4%
Total	\$1,847,971	\$1,624,913	14%	\$11,461,678	\$11,741,490	-2%
Amenities & Vending	Mo. Surcharge + Vending Income	\$17,948	Mo. Expense	\$2,582	Mo. Surplus	\$15,367

April 2017 service modifications impacted 28 Piedmont trains and 5 Carolinian trains. On April 10, Trains 73, 74, 75, and 76 operated between Kannapolis and Raleigh only, and Train 80 operated between Kannapolis and New York only due to PIP track work. On April 11 and 12, Trains 79 and 80 operated between Charlotte and Raleigh only due to CSX track work. Also beginning April 12, Trains 74 and 75 were cancelled Mondays thru Thursdays for the remainder of the month due to PIP track work, accounting for 20 cancellations. On April 24, Trains 73 and 76 were cancelled due to PIP track work. On April 25, Trains 73 and 76 were cancelled due to flash flood warnings resulting from recent thunderstorms. Disruptions for PIP project work will continue to occur as necessary through completion of the project. Average gasoline prices remained low in April 2017 but were \$0.31 per gallon higher than in April 2016.

On-time Performance



*Carolinian and Piedmont delays were 8,351 and 3,377 minutes, respectively. FTI - Freight Train Interference; PTI - Passenger Train Interference; DISP - Dispatch Related; C&M - Construction, Maintenance; PAX - Any Passenger Related; O - All Other Delays (e.g. weather, mechanical). Carolinian trains arriving within 20 minutes and Piedmont trains within 10 minutes of schedule are considered on time.

Overall Customer Satisfaction

	FFY17 MARCH	FFY16 YEAR-END	Δ
Carolinian	71%	75%	-4%
Piedmont	88%	90%	-2%

*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 2017 were 75% for the Carolinian and 90% for the Piedmont. Overall March eCSI for all Amtrak services was 80%.

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	Charlotte - Washington	Greensboro - Raleigh
6	Greensboro - Washington	Cary - Greensboro
7	New York - Raleigh	Durham - Greensboro
8	Cary - Washington	Charlotte - HighPoint
9	Washington - Wilson	Charlotte - Salisbury
10	Charlotte - New York	Cary - Durham

*Of the ten city pairs with the highest ridership, from the previous FFY month Raleigh - Washington had the largest increase of 30% and Charlotte - New York the largest decrease of 12% for the Carolinian; Charlotte - Salisbury had the largest increase of 63% and Durham - Greensboro the largest decrease of 37% for the Piedmont. Highlights indicate increased ridership from April 2016 for the station pairs.

Carolinian and Piedmont Total Ons-Offs at North Carolina Stations

	FFY17 APR	FFY16 APR	Δ
Charlotte	13,211	11,943	11%
Raleigh	10,224	8,939	14%
Greensboro	8,488	8,142	4%
Durham	6,340	6,361	0%
Cary	4,410	4,224	4%
Wilson	2,460	2,078	18%
High Point	2,437	2,514	-3%
Salisbury	1,840	1,638	12%
Kannapolis	1,792	1,360	32%
Burlington	1,614	2,306	-30%
Rocky Mount	1,436	1,122	28%
Selma-Smithfield	901	623	45%

*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

	FFY17 APR	FFY17 YTD
Train Host Volunteer Hours	695	6,057

Go. Reconnect.





Public Transportation Division

Facility Openings in May 2017

**Coble Transportation Center
Ribbon Cutting: May 17, 2017**



**Go Raleigh Bus Station Renovation
Open House: May 23, 2017**



At the NCPTA Annual meeting, PTD presented awards in several categories:

- **Governor's Award:** This year's award winner was Sig Hutchinson, Wake County Board of Commissioners Chairman, for his perseverance and leadership in initiatives such as the 2016 Wake County Transit Tax referendum.
- **Retiree Recognition:** Ray Boylston, Nancy Painter and Keith McCoy for over 20 years of service and Charlie Patton for 10-19 years of service. Nancy has 34 years with PTD.
- **Hurricane Matthew Heroes:**
 - Stuff A Bus – Go Triangle, Go Raleigh, Chapel Hill Transit, Piedmont Authority for Regional Transportation and their Partners.
 - Extraordinary Service by transit systems in Goldsboro, Johnston, Robeson, Beaufort, Fayetteville, Lenoir
 - Lending a Vehicle – Mecklenburg, Hoke, Richmond

PTD Activities Underway

June 2017 Activities

Training:

- Excel, SharePoint
- PTD and Sub-recipient FY18 Success Plans
- Natural Disaster Training
- Transportation Planning Branch Cross-training

Meetings Attended:

- NCPTA Annual Conference
- Strategic Executive and Technical Committee Meetings
- FTA's Not Just a Ride Learning Collaborative (Special Populations Workgroup)
- STI P5 Workgroup and Sub-group/Webinars
- Strategic Plan Stakeholder Interviews/Presentations
- Passenger Ferry Team Meeting

Upcoming:

- PTD Conference: Sept. 25-27, 2017
- Grant webinars
- FTA State Safety Oversight Audit
- FTA's States Meeting

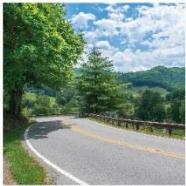
The **PTD Success Plan** is available [online](#) under the *Transit Providers* tab.

Public Transportation Statewide Strategic Plan available at [Strategic Plan Website](#)



NORTH CAROLINA

Department of Transportation



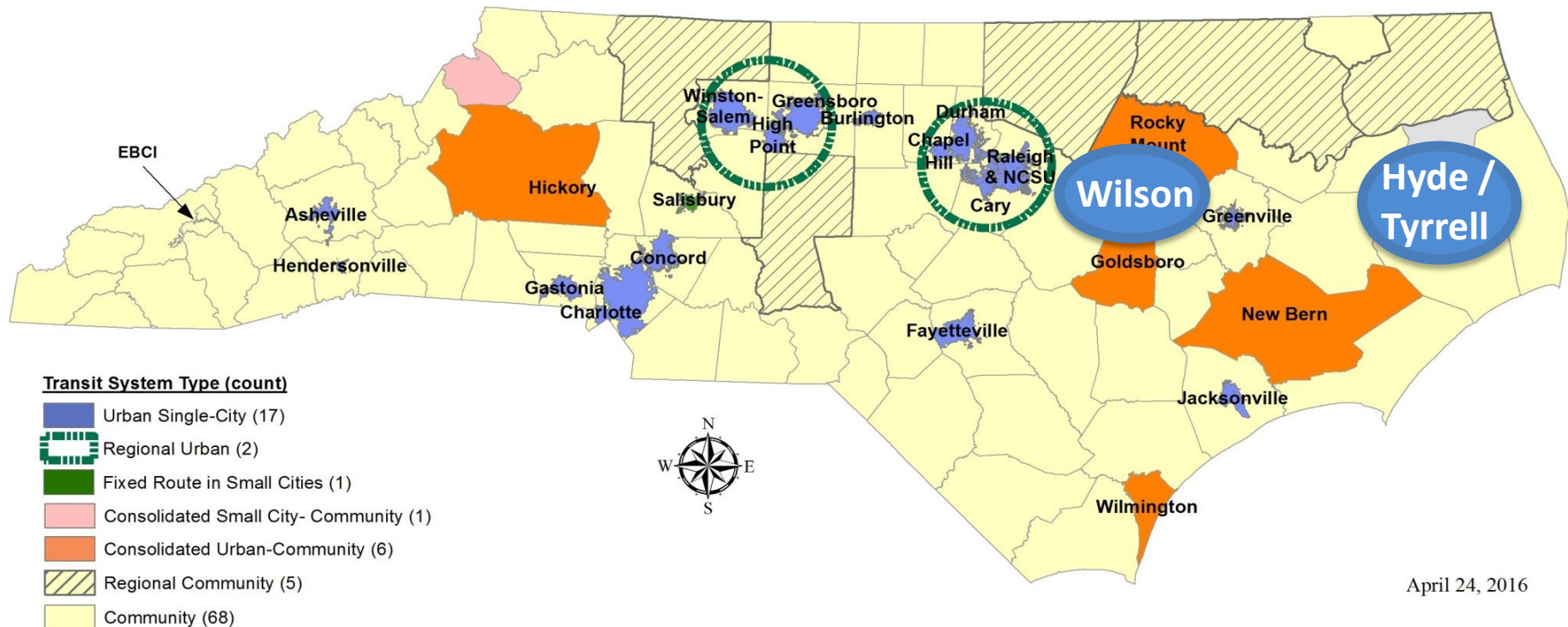
Public Transportation Division

Debbie Collins

June 28, 2017

Highlights

North Carolina Public Transportation Network

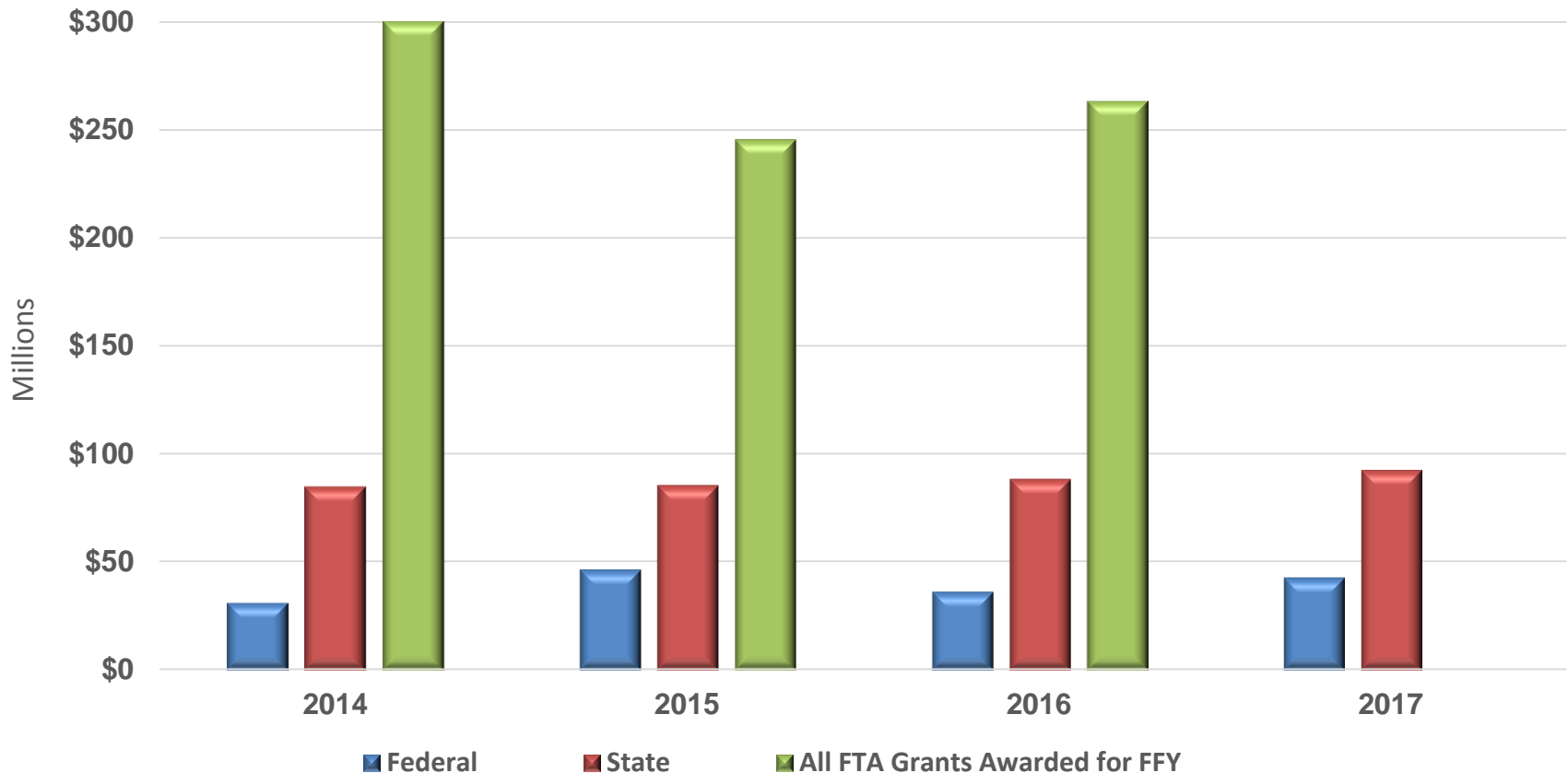


April 24, 2016



Expected new regional / consolidated systems on July 1, 2017
Salisbury and EBCI – FTA Direct Recipients

Federal Transit Administration and State Highway Fund Projects - Managed by NCDOT by Fiscal Year



Federal Transit Administration (FTA) Grant Awards for FFY 2017 available in January 2018

20 Federal Oversight Areas

1	Financial Management & Capacity	10	Planning / Program of Projects
2	Technical Capacity	11	Public Comment–Fares & Service Changes
3	Maintenance	12	Half Fare
4	Americans with Disabilities Act (ADA)	13	Charter Bus
5	Title VI	14	School Bus
6	Procurement	15	Security
7	Disadvantaged Business Enterprise	16	Drug Free Workplace/ Drug and Alcohol Program
8	Legal	17	Equal Employment Opportunity
9	Satisfactory Continuing Control	AND STATE	Safety (SMS), NTD, TAMS NC Grants, single audit

FY 17 New State Funding

Rural Operating Assistance Program (ROAP)

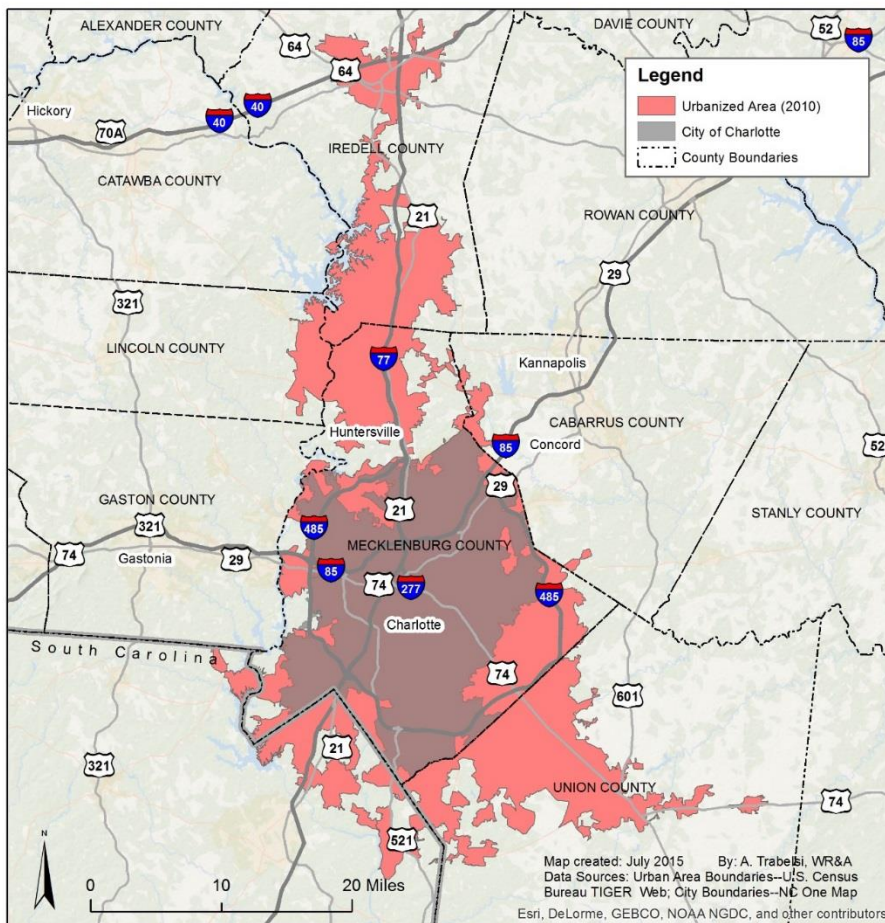
- \$2 M additional funds
- Requirements
 - Quarterly Reports
 - ½ of 1% withheld for late reports

State Maintenance Assistance Program (SMAP)

- \$2 M additional funds
- Requirements
 - Quarterly Reports
 - ½ of 1% withheld for late reports
 - GTFS Feed by June 20, 2016
 - Large UZAs must have 5307 allocation plan

Urban / Rural Graduation Successes – 5307 Distribution

Charlotte 2010 Urbanized Area



- Generated 5307 FY16 Allocation – all urbanized areas
- Created and implementing Cost Allocation model to designate rural and urban cost splits
- 9 of 11 Large UZAs have adopted a 5307 cost allocation plan
- FY18 5307 funding for 8 large UZA 5311 recipients through NCDOT from 4 MPOs
- Other MPOs using sub recipient models to distribute funds

New 5311 Formula Implemented

Goals

- Supports coordination model
- Supports regionalism
- Rewards performance
- Every county receives funding
- Formula driven
- Simple and transparent
- Flexible – system defines how using funding
 - **SUCCESES – used allocation for Operating and Administration:**
 - **Avery County Transportation**
 - **YVEDDI**

Formula

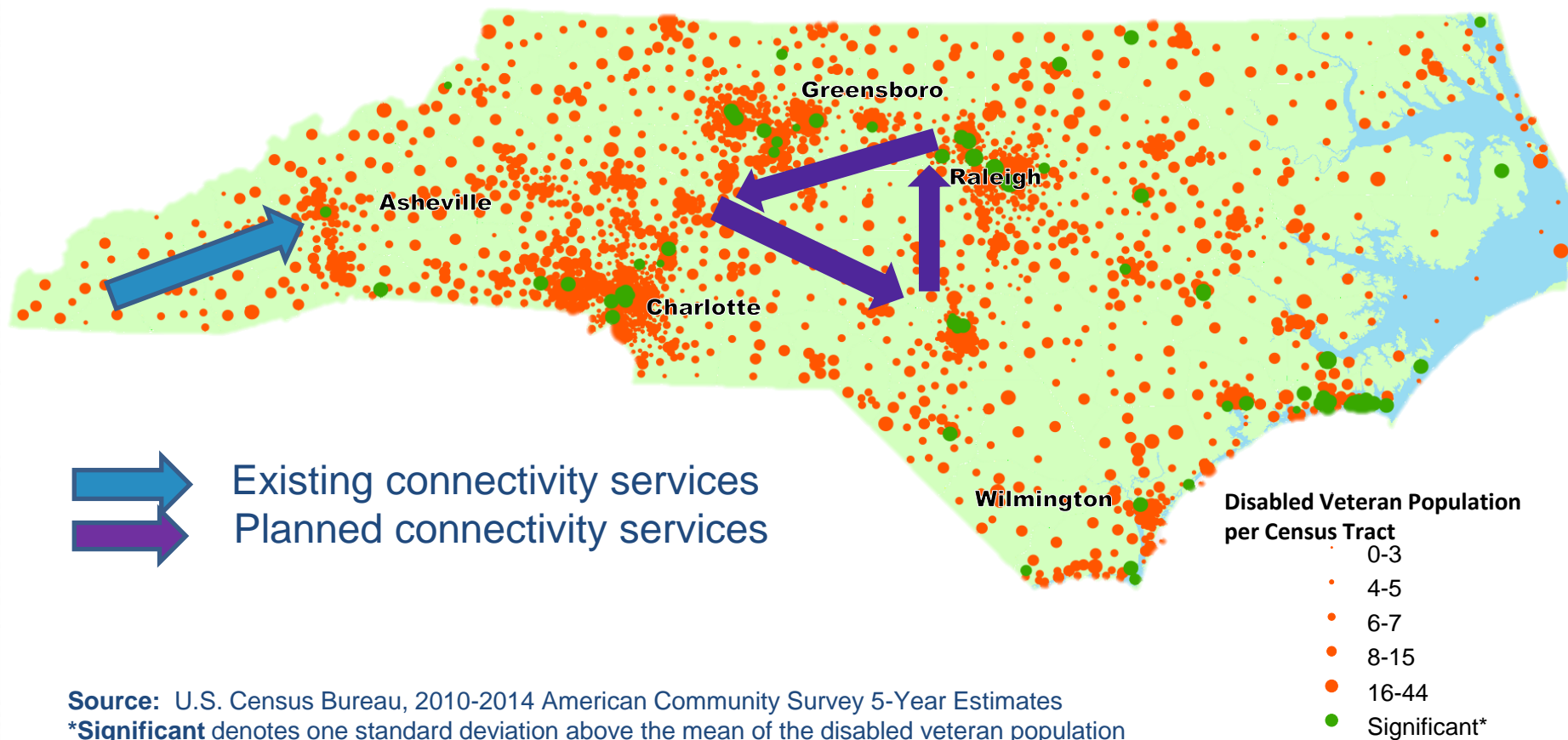
- Supports administration and operations
- Capital focus on replacement vehicles

Three tiered formula:

- Base tier: \$30,000 is allocated for every county a community transportation system serves
- Needs tier: Uses FTA 5311 Formula - rural population, rural land area, low-income population and revenue vehicle miles
- Performance tier: 10% of total 5311 and 5340 grantee funding

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PUBLIC TRANSPORTATION STRATEGIC PLAN

Connecting North Carolinians to Opportunities

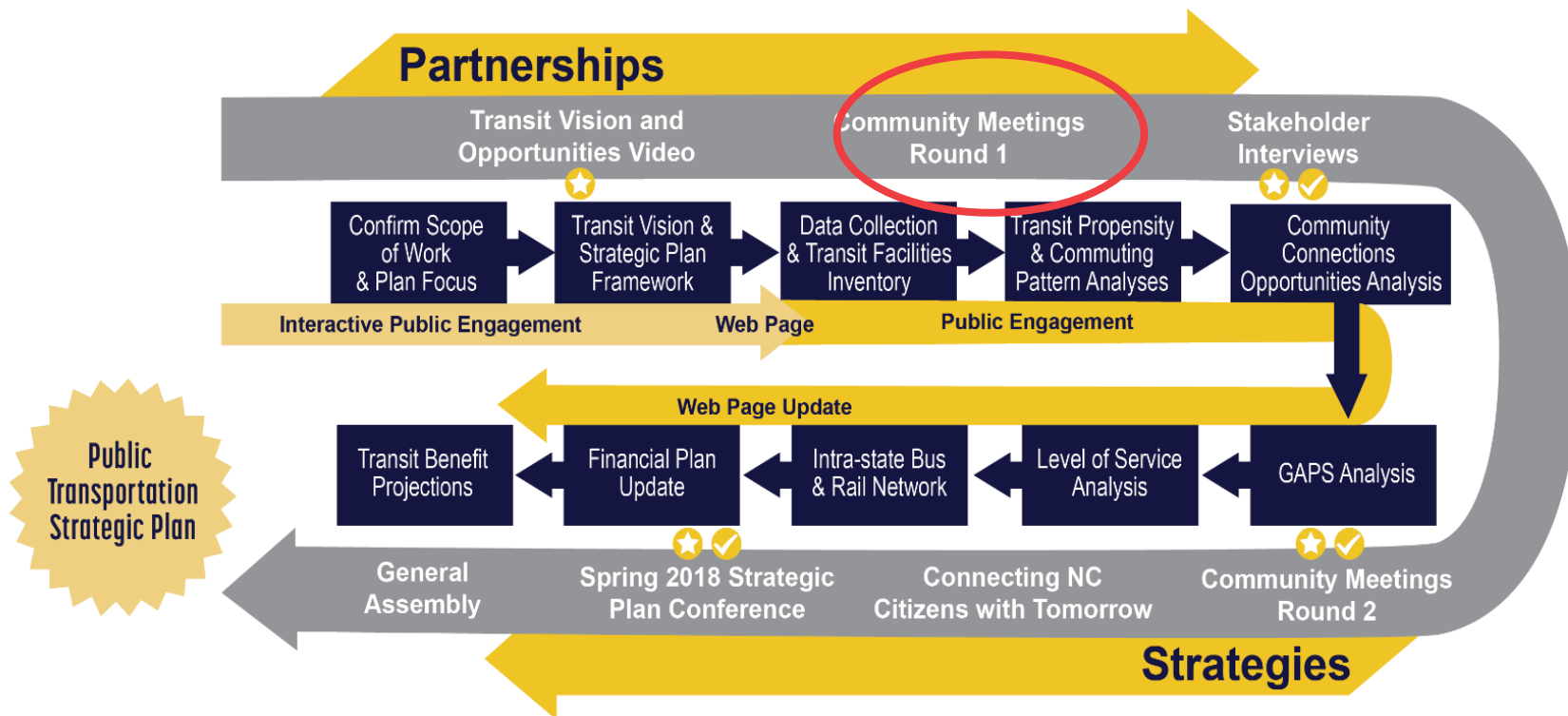


Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates

*Significant denotes one standard deviation above the mean of the disabled veteran population to the total population in the census tract.



Public Transportation Strategic Plan Conceptual Work Plan

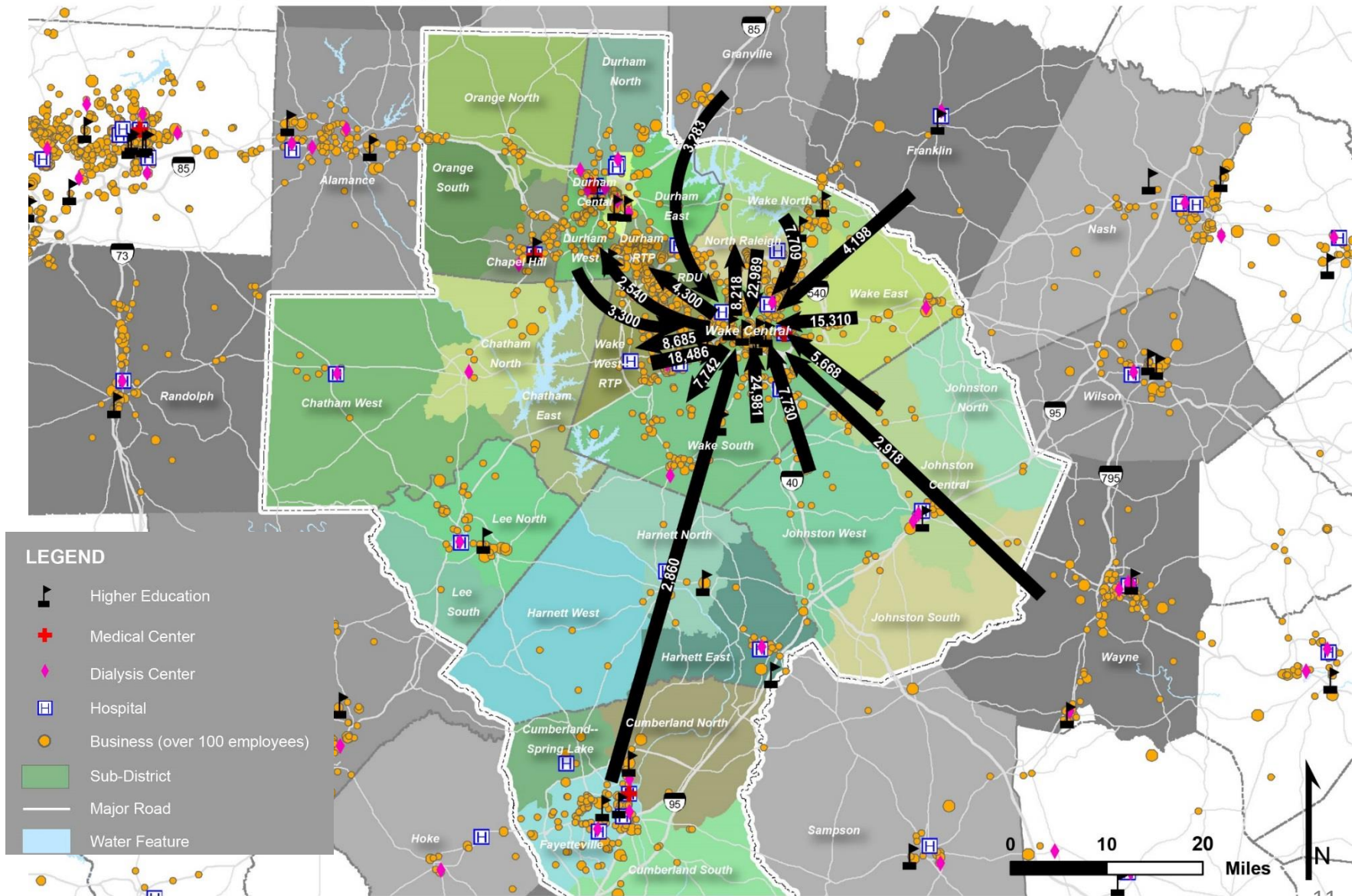


★ Executive Leadership Committee

✓ Technical / Steering Committee

Sub-District Commuter Flow Analysis

Triangle District (Source: LEHD 2014, All Jobs)



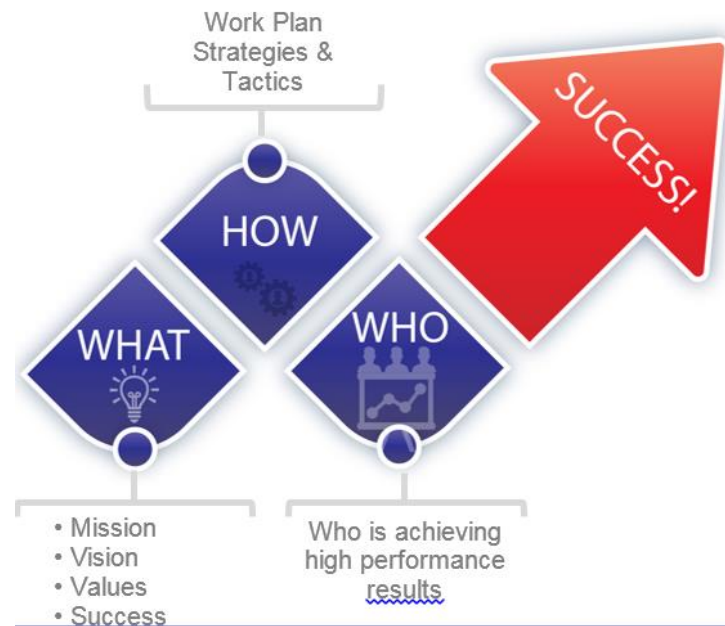
What Are We Already Doing?

- Performance Plans
 - For CCPs
 - Technology Implementations
- 5 Year Budgets / Budget model / Cost allocation
- Transit Asset Management
 - Replacement Plan
- Benefits of Transit
 - Statewide and by system
- Vehicle Utilization Data – 14 days annually
- Operating Statistics
 - Peer Analysis
- **Success Plans**
 - All 81 rural systems focused on defining / measuring success moments

Net Promoter Score is simply the percentage of **promoters** minus the percentage of **detractors**.



SUCCESS Plan 2017-2018



Community Connectivity Plans (CCP)

Includes **all** of our previous **planning** elements

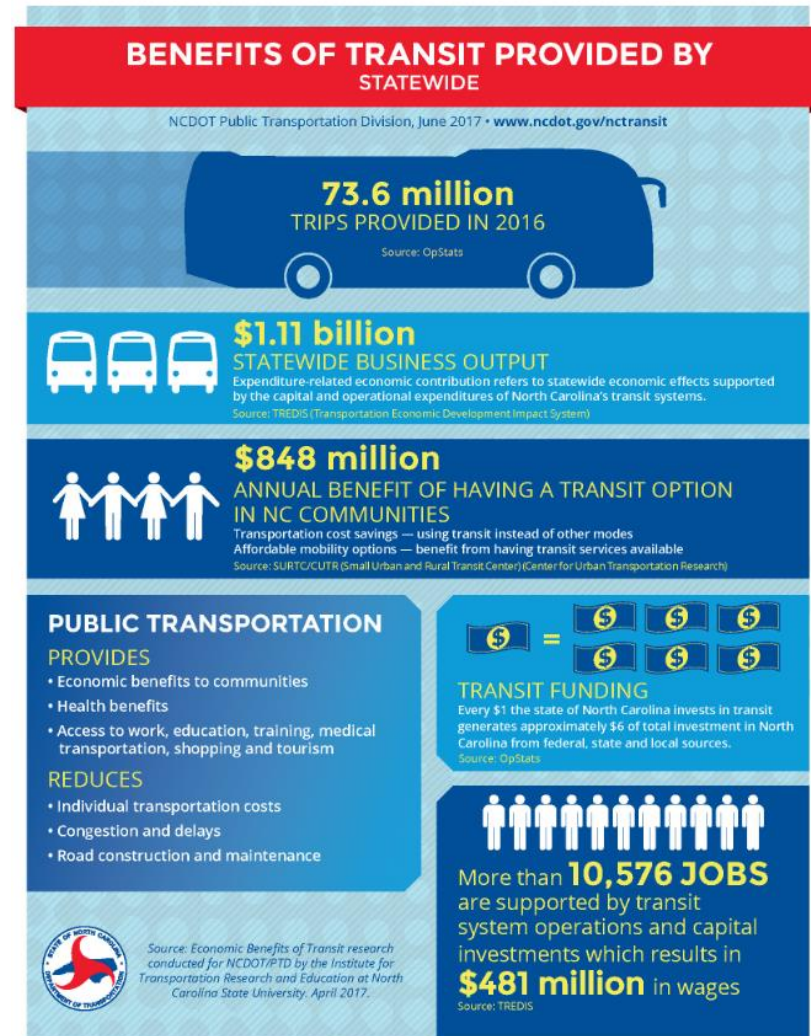
Sized in **two** categories

Allocates resources in a **five year** **horizon**

Integrates **regional** connectivity

Uses the **Success Plan** as a multi year implementation program

Combines each agency's annual **Success Plan and Performance Scorecard**



Future

Comprehensive Transportation Plan

Where **project planning** starts

What if

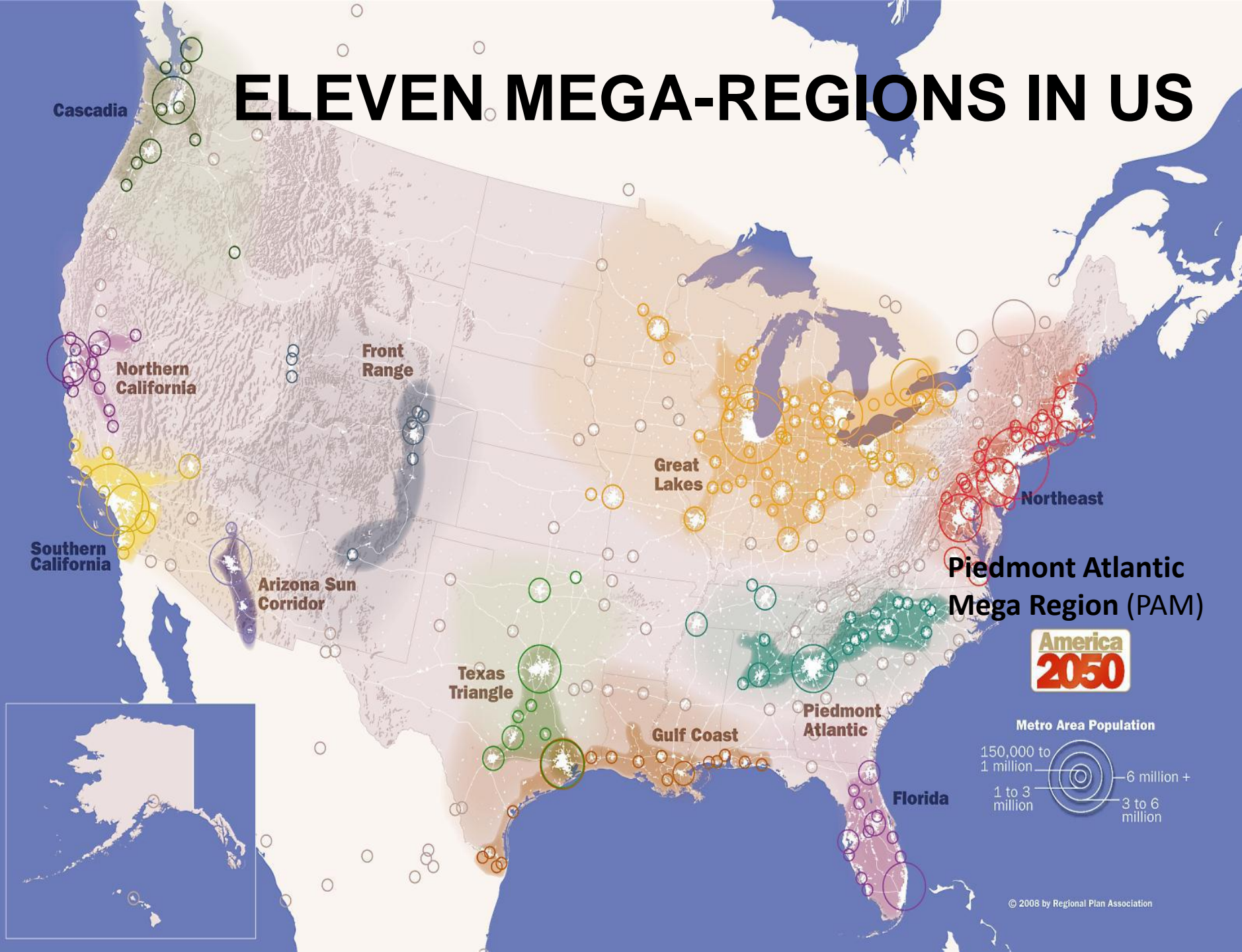
- **define transit corridors**
- **shorten project development and delivery**
- **reduce costs / share costs differently?**

Examples

- 17' shoulders for Bus on Shoulder (when system breaks down)
- Chapel Hill BRT on MLK / Hwy 86
- Wake County Transit Plan



ELEVEN MEGA-REGIONS IN US



What's next?



Plan on larger scale

Strategic Plan draft recommendations

- How to move forward



- Examples of transit corridor what ifs
- 17' shoulders for Bus on Shoulder (when system breaks down)
 - Chapel Hill BRT on MLK / Hwy 86
 - Wake County Transit Plan

Discussion

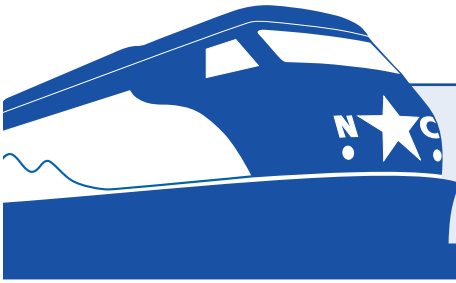
Thank you!



Debbie Collins

dgcollins1@ncdot.gov

(919) 707-4684



NCDOT Rail Division

The Rail Report



@NC_By_Train



facebook.com/NCByTrain

ncbytrain.org

919-707-4700

July 2017

Governor Cooper Announces Borealis Compounds Will Operate New Plant in Alexander County *Automotive Supplier Will Create 37 Jobs in Taylorsville*

Borealis Compounds, Inc., a supplier of plastic materials to the automotive industry, will locate a new production facility in Alexander County. The company plans to initially invest \$15 million in the new plant and create 37 jobs in Taylorsville.

The NCDOT Rail Division is contributing \$175,000 towards the construction of a 2,000 foot double siding track for this facility.

"North Carolina is known for its vibrant network of automotive industry suppliers, and Borealis is a welcome addition," Governor Cooper said. "These are exactly the kinds of good-paying, advanced manufacturing jobs that communities like Taylorsville need, and our skilled workers are ready to get to work."

Borealis AG, with global headquarters in Vienna, Austria, serves a variety of industries, including automotive, energy, and consumer products sectors. The company's applications in the automotive industry include bumpers, body panels, trims, dashboards and other key components. Borealis Compound's new North Carolina facility will serve automotive industry customers in North America.

"North Carolina offers an ideal East Coast location," said North Carolina Commerce Secretary Anthony M. Copeland. "Combined with the state's superior transportation network, companies can easily reach their markets across North America." N.C. Commerce and the

Economic Development Partnership of N.C. were instrumental in supporting the company's investment decision.

"This investment shows our sustained commitment to the automotive industry in North America. North Carolina was a logical choice for us. Its location allows us to service customers across the North American region and we value the supportive, business-friendly environment of the State and of Alexander County," says Maria Ciliberti, Borealis Vice President Marketing and New Business Development. "We're convinced that this expansion will strengthen our position as a local supplier to automotive OEMs and their Tier suppliers in North America and that it will enable us to deliver our global material innovations locally. We believe it is important to step up our capacity, capabilities and support infrastructure, to ensure that our customers in North America receive the same high level of service as in the other regions where we operate."

"Borealis is bringing new jobs and new investment to a community that needs, and deserves it!" said N.C. Senator Andy Wells.

"Many partners in the community came together to support Borealis' selection of Alexander County," said N.C. Representative Lee Zachary. "We look forward to the many good things this company will bring to the area."

Rail Director Paul Worley to Retire July 1



After graduating from Campbell University in 1988, Paul began his career in the Department of Transportation as a Public Information Officer (PIO). As a PIO for the Rail Program and all things "transit," Paul's love for railroads culminated with a position in the department's newly formed Rail Division as the Rail Corridor Manager.

At a time when the Rail Division was in its infancy, Paul played an integral role in the evolution of North Carolina's rail program, especially in the areas of crossing safety, utilizing new technologies and eliminating crossings. As rail became more prominent in North Carolina, he was promoted to Assistant Director for Rail Engineering and Safety and created the branch offices located at the Capital Rail Yard. Through his insight and knowledge of Rail and government, he worked with department leaders, legislators and citizens to help build a multi-million dollar program that has become nationally recognized and a model of success for other states to follow.

Since joining the Rail Division, Paul received his Certified Public Manager designation and his Human Capital Strategist Certification. In addition, he has received numerous awards and accolades, including The Order of the Long Leaf Pine, several community outreach and safety recognitions, Excellence in Engineering awards and Extra Mile awards.

The Transportation Research Board, National Committee on Uniform Traffic Control Devices, Rail Safety Advisory Committee, and North Carolina Operation Lifesaver, are only a few of the boards and committees that Paul currently serves on.

As Paul's career with DOT comes to an end, the building blocks that were put in place during the early years will continue to set the tone for the future of rail in North Carolina.

We wish him much happiness and baseball in his retirement, and expect to hear more from him as he begins a second career in the private sector.

A reception honoring Paul's career at NCDOT is scheduled for Thursday, July 13, 2:30-4:30 p.m., in the NCDOT Board Room, 1 South Wilmington Street, Raleigh, NC

Coastal Carolina Railway Completes 2014 SIAP Grant Project

Coastal Carolina Railway recently completed a \$1.148M rail improvement project, with half of the funding provided by a grant from the 2014 Short Line Infrastructure Assistance Program. This grant included: the installation of a double one-way low speed diamond with CSX A-Line in Wilson; installation of 438 bridge timbers at MP 126.1; 1,765 cross ties on BH line; installation of 7,920 track-feet of 100 pound rail; and 34,320 track-feet of ballast and surfacing on the ABA line. The improvements will reduce maintenance costs and

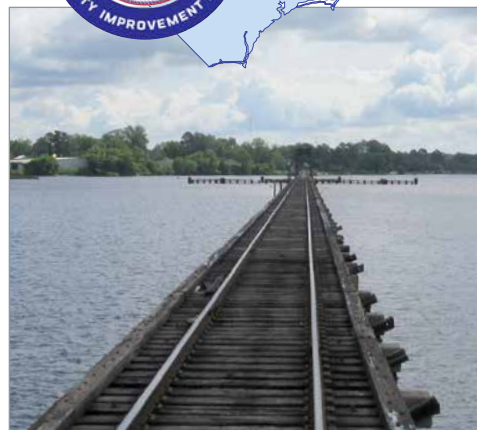
greatly improve railroad efficiency in these areas. In addition, the rail replacement on the ABA line will allow for the railroad to handle 286,000 pound cars. The double one-way low speed diamond was completed early last year.



Rail replacement near Farmville



Tie replacement on the swing bridge over the Pamlico River in Washington



Great Smoky Mountain Railroad Crossing Improvements Completed

The NCDOT Rail and Highway Division 14, along with the Great Smoky Mountain Railroad, recently completed crossing improvements to two at grade crossings on the GSMR's tracks in Jackson County, N.C. The crossings at Barkers Creek Road and Wilmont Road were in poor condition and created a rough crossing for motorists.

The projects consisted of replacing both crossings with a modular concrete "tub" style crossing. This type of crossing provides a smooth surface for motorists and does not require ties or ballast in the

crossing, so it will last for many years and is low maintenance for the railroad.

GSMR contributed the labor for the installations, while NCDOT Division 14 provided the asphalt work and traffic control during the installation process. Rail Division FRRCSI funding provided \$75,000 for materials.



Barker's Creek Road, before and after



Wilmont Road, before and after



Greensboro Pedestrians and Motorists Learn Lifesaving Rail Safety Tips



On June 2, business patrons, motorists and pedestrians received information about the dangers of walking on or near railroad tracks — tips that could potentially save their life.

The N.C. Department of Transportation's BeRailSafe education initiative partnered with rail safety advocacy group North Carolina Operation Lifesaver to distribute railroad safety information to patrons of businesses along East Market Street in Greensboro, all of which border or are near railroad tracks. Small bags imprinted with a rail safety message were distributed for merchants to share with customers.

"There have been 12 train-related fatalities and 17 injuries in North Carolina since January, all of which could have been avoided," said N.C. Operation Lifesaver state coordinator Margaret Cannell. "This is a critical safety issue that all North Carolinians need to be informed about."

This educational awareness event was part of a 40-country International Level Crossing Awareness Day, which focuses on promoting safe behavior by motorists and pedestrians around street-level railroad crossings and train tracks.

"The tragedy of one train-related death, whether the result of a person trespassing or a motor vehicle crash, tremendously impacts the railroad and the community it serves," said NCDOT Rail Division Director Paul Worley. "Ultimately, it is up to the motorist to obey all rules of the road and use good judgment when approaching crossings."



Important Rail Safety Tips for Pedestrians and Motorists:

Pedestrians:

- Never walk or run on railroad tracks. Remember: "Tracks are for trains. Stay away and stay alive."
- Walking on or near railroad tracks is dangerous and illegal. Trains in North Carolina operate up to 79 miles per hour and can take more than a mile to completely stop. Also, tracks are on private property; you risk being cited for trespassing.
- Do not cycle or operate all-terrain vehicles (ATVs) on railroad tracks or railroad rights of way.
- Do not hunt, fish or bungee jump from railroad trestles. They are not designed to be sidewalks – there is only enough clearance for a train to pass.
- Always look both ways before crossing railroad tracks and cross only in designated areas.
- Do not cross tracks when gates are down.
- Be aware that trains may operate any time throughout the day and night in either direction.
- Do not attempt to hop on board railroad cars or locomotives at any time.

Motorists:

- Always stop your vehicle when crossing gates are down or lights are flashing. Wait for the crossing gates to rise and lights to stop flashing. Look both ways, listen, and proceed with caution.
- Never stop your car on railroad tracks. When approaching an intersection at railroad tracks, keep your car behind the white lines.
- If your car stalls while crossing the tracks, get out immediately and call 911 or the emergency notification number located on a blue sign on the railroad signal equipment. If a train is coming – abandon your car! Proceed quickly toward the train at a 45 degree angle so that if the train strikes your car, you will be safe from flying debris.
- Be aware that trains may operate any time throughout the day and night in either direction.



Kick-Off Summer Adventures with \$5 Kids Fare

Families looking for fun summer adventures can enjoy a special \$5 kids fare to travel the rails in North Carolina.

From June 1 through Aug. 31, customers can use discount code V626 when booking at NCBYTrain.org to take advantage of the one-way \$5 fare for up to two children ages 2-12 with the purchase of a regularly priced adult ticket. This offer is valid for travel on Tuesdays, Wednesdays, Thursdays and Saturdays. Terms and conditions apply.

Families can hop on board at any of the cities below when traveling NC By Train:

Charlotte, Kannapolis, Salisbury, High Point,
Greensboro, Burlington, Durham, Cary, Raleigh,
Selma, Wilson, Rocky Mount

NC By Train's *Piedmont* and *Carolinian* trains are sponsored by the N.C. Department of Transportation and operated by Amtrak. These trains provide daily service from Raleigh to Charlotte, plus seven additional stops in between.



NC By Train staff was on hand at Cheerwine's 100th Anniversary Celebration in downtown Salisbury on May 20 to share train information and answer questions about passenger train service.

Ridership & Revenue on NC By Train Service – *April 2017 vs. 2016

	RIDERSHIP			REVENUE		
	2017	2016	% +/-	2017	2016	% +/-
<i>Piedmont</i>	12,233	12,052	2%	\$261,040	\$245,397	6%
<i>Carolinian</i>	25,525	22,858	12%	\$1,586,931	\$1,379,516	15%

695

Hours Volunteered by N.C. Train Hosts in April, supporting NC By Train onboard and at events



April 2017 service modifications impacted 28 *Piedmont* and five *Carolinian* trains. On April 10, Trains 73, 74, 75 and 76 operated between Kannapolis and Raleigh only, and Train 80 operated between Kannapolis and New York only due to PIP track work. On April 11 and 12, Trains 79 and 80 operated between Charlotte and Raleigh only due to CSX track work. Beginning April 12, Trains 74 and 75 were cancelled Mondays through Thursdays for the remainder of the month due to PIP track work, accounting for 20 cancellations. On April 24, Trains 73 and 76 were cancelled due to PIP track work. On April 25, Trains 73 and 76 were cancelled due to flash flood warnings resulting from recent thunderstorms. Disruptions for PIP project work will continue to occur as necessary through completion of the project. Average gasoline prices remained low in April 2017 but were 31¢ per gallon higher than in April 2016.

Construction of New Raleigh Transit Center Sparks Business Development



Starting in early 2018, Amtrak customers traveling on the *Carolinian* and *Piedmont* will be greeted with a new multimodal transit center in downtown Raleigh's Warehouse District. The \$79.8 million Raleigh Union Station Project moves passenger rail from the current station on Cabarrus Street to the new facility less than a mile away on West and Martin Streets.

The project includes the rehabilitation of the Dillon Supply warehouse, track and platform construction, signal and switch improvements and the extension of West Street under the tracks. The project will occur in two phases.

Phase I of the project includes: the construction of a larger waiting room and better amenities for Amtrak passengers; a center island passenger platform with level-boarding to provide better access for wheeled-mobility devices and strollers; an enclosed concourse between the station and platform; commercial rental space that can be used for retail, office or restaurants; and a large public plaza that will provide an urban gathering space. Sustainable features include green roof areas and other stormwater management features, a pollinator garden and tactile wayfinding for customers who are blind or have low vision.

The next phase of the project is planned to accommodate additional intercity and intrastate rail services, regional commuter rail, local and regional buses, taxis, bicycles and other forms of transportation.

Once completed, the multimodal center will accommodate current and future demand for rail and transit services in Raleigh and will be a boon for ridership. (The FY 2016 ridership for Raleigh was 155,191.) It has already sparked nearby business and residential development, a welcome sign of growth in the downtown area.

"The Union Station project stands to change the economic development potential of the Warehouse District," Raleigh Mayor Nancy McFarlane said. "It will replace what is currently an underutilized collection of warehouses and vacant land with a new city landmark that will not only serve as a multimodal transportation hub, but also a civic space with potential for special events and expanded dining and entertainment options downtown. The station will drive development and growth throughout Wake County and the state."

Paul Worley, Rail Division director, N.C. Department of Transportation, agreed. "When it opens, we're going to see a rise in ridership, better connectivity between trains and city buses and a walkable environment for our customers to the downtown area. We will have a true center city connection. The vision from the city, NCDOT and our Amtrak partners is going to be very significant for Raleigh."

Stephen Schuster, from Clearscapes, is the principal architect on the project. He lives in a loft near the site of the new center and can see the emerging landscape from his window. He appreciates the deep history of the railroad and industrial heritage in the Warehouse District and says that knowledge influenced the center's design. He also shares McFarlane's and Worley's enthusiasm of what it means for their community and said that the public and members of the Amtrak team were fully engaged throughout the design stage. "Amtrak had a major impact on the final feel and plan of the building," he said. "Ticketing, baggage, access to the platforms, the location of the crew base in the addition behind the building—all of that is a direct result of the input from the Amtrak team."

Schuster added, "This is going to be a great station—but it's more than that. It's also an economic driver of this entire part of downtown. The more than \$100 million private development happening across the street would not have happened without the Raleigh Union Station Project happening first."



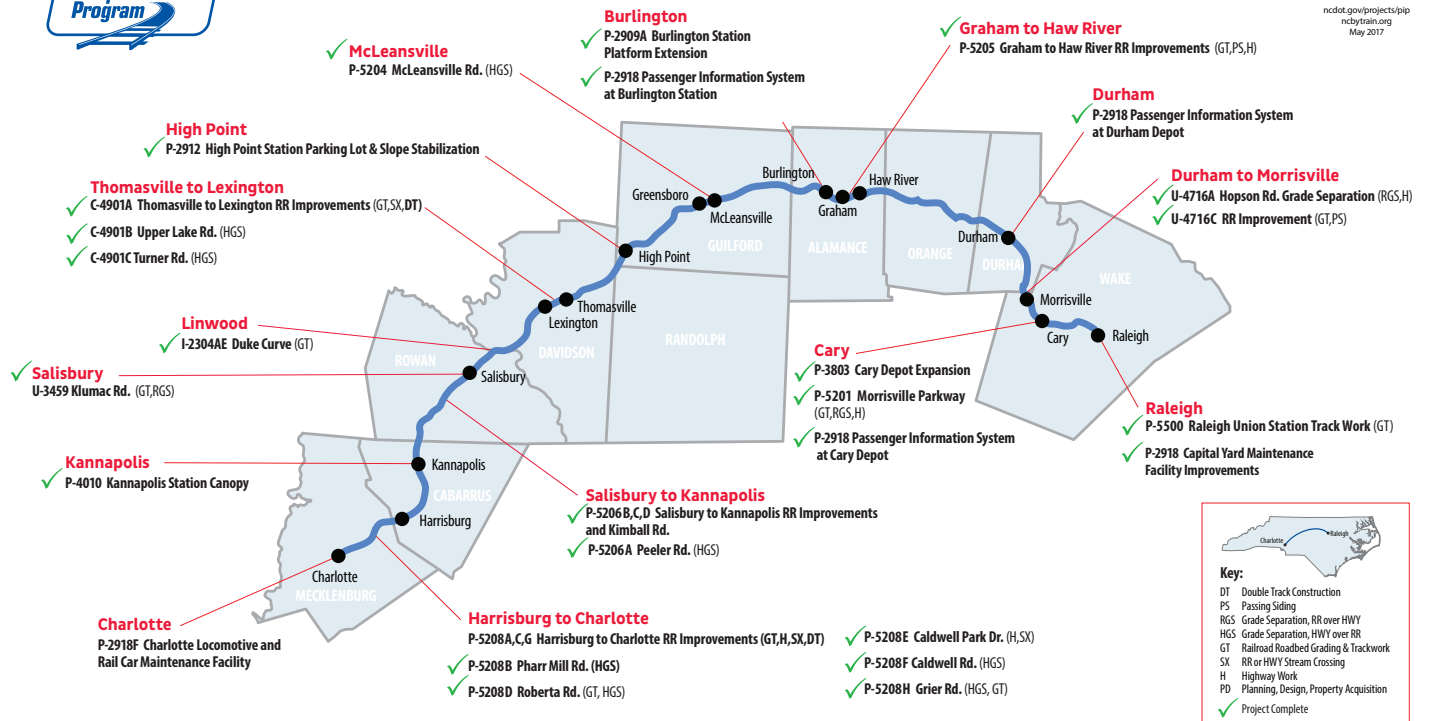
Raleigh Union Station, left, sparked development of The Dillon, a mixed-use private development to the right.



Piedmont Improvement Program Update – May 2017



ncdot.gov/projects/pip
ncbytrain.org
May 2017



NC By Train – Piedmont Equipment ✓ 5 Locomotives ✓ 2 Cab Control Units ✓ 12 Railcars

2 Additional Cab Control Units from non-ABRA funding*

Piedmont Improvement Program Milestone

Charlotte – On May 22, a significant segment of double track was put into service on the Haydock to Junker project. The southern 9.4 miles of the 12.2-mile project are now in service between CP Shamrock and CP Junker with trains operating on both tracks. With this work complete, the focus is now on completing the remaining track work on the northern segment for a final project cut-in by the end of June.



Removing CP Haydock from service and lining for second track

Spent to Date of \$520M (effective 5/31/2017)

Component	Expenditure
PD&A/ROW	\$57,502,838
Equipment Procurement & Rebuild	\$32,165,707
Stations & Facilities	\$61,795,410
Track & Structures	\$338,345,562
CRISP	\$2,180,376
Program Totals	\$491,989,895

Three new contracts totaling \$303,360 were awarded in May.



CP Shamrock

Piedmont Improvement Program Track and Structures – Project Photos (May 2017)



P-2918 Charlotte Locomotive & Railcar Maintenance Facility Administration Building construction



P-2918 Charlotte Locomotive & Railcar Maintenance Facility rail yard construction



P-5206 Reid to North Kannapolis completed track



P-5206 Reid to North Kannapolis completed track



P-5208 Haydock to Junker track construction



P-5208 Haydock to Junker track construction



Locomotives 1871 Town of Cary and 1984 City of Kannapolis, as well as Cab Control Unit 101, are complete and have arrived at Capital Yard. All three vehicles were rebuilt with ARRA funding. The units will go through acceptance testing within the next few weeks before going online for regular daily service between Raleigh and Charlotte. The photos below are of the equipment mid-rebuild at Norfolk Southern's Altoona, PA facility.

