



**MEETING AGENDA**  
**Monthly Meeting of the North Carolina Board of Transportation**  
1 South Wilmington Street Raleigh, North Carolina 27601  
**March 2-3, 2016**

**WEDNESDAY, MARCH 2, 2016**

**10:30AM – 12:00PM**

Multi-Modal Committee	EIC
Highway Committee	Room 150

**12:00PM LUNCH IS AVAILABLE**

**12:00PM – 12:15PM BREAK**

**12:15PM Working Lunch – Full Board Attendance Room 150**

Chief Financial Officer Update	David Tyeryar
Telecommunication Overview	Walt Gray/Mike Holder
Highway Maintenance Improvement Plan (HMIP)	Randy Finger
NCDOT Report - Transparency	Eric Boyette
Product Evaluation Program: Awareness Update / New Products	Jimmy Travis/Jessica Kuse
Scenic By-Ways	Connie Morgan

**1:15PM – 1:30PM BREAK**

**1:30PM – 2:30PM**

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

**2:30PM – 3:00PM**

Audit Committee	Room 150
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**3:00pm – 5:00pm**

General Meeting Time	Various Locations
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**NORTH CAROLINA BOARD OF TRANSPORTATION MEETING**

- Call to Order Chairman Curran
- Invocation John Lennon
- Ethics Declaration Chairman Curran
- Approval of February Board Meeting Minutes Chairman Curran
- Meritorious Public Service Awards Commander Dittmar, U.S. Coast Guard
- Secretary's Remarks Secretary Tennyson

**INFORMATION AND DELEGATED AUTHORITY**

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

Division 9  
DMV Update

Jake Alexander, Board Member  
Commissioner Thomas

**ACTION**

Chairman Curran

**Approval of Projects**

- (Item G) Additions and Abandonments to State Secondary Road System
- (Item I) Public Transportation Program
- (Item I-1) Public Transportation
  - (Item I-2) Rail Program
  - (Item I-3) Bicycle and Pedestrian
- (Item J) Specific State Funds for Construction Projects
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) TIP Amendments
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item T) Submission of Comprehensive Transportation Plans for Adoption

**Committee Reports**

Chairman Curran

**Other Business****Adjourn**



**PROJECTS LIST**  
**NORTH CAROLINA BOARD OF TRANSPORTATION**  
**RALEIGH, NORTH CAROLINA**  
**March 2-3, 2016**

Delegated Authority ..... Secretary Tennyson

- (Item C) Award of Highway Construction Contracts from February 22, 2016 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects –  
Highway Fund and Highway Trust Fund
- (Item H) Funds for Division-wide Small Construction,  
Statewide Contingency, Public Access, and Economic Development
- (Item L) Funds for Specific Spot Safety Improvement Projects

Action ..... Chairman Curran

- (Item G) Additions, Abandonments, and Road Name Changes to State  
Secondary Road System
- (Item I) Public Transportation Program
  - (Item I-1) Public Transportation
  - (Item I-2) Rail Program
  - (Item I-3) Bicycle and Pedestrian
  - (Item I-4) Aviation **(No Item this month)**
- (Item J) Specific State Funds for Construction Projects
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2016-2025 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations **(No Item this month)**
- (Item T) Submission of Comprehensive Transportation Plans for Mutual  
Adoption by the Board of Transportation

# **NCDOT Board of Transportation Agenda**

## **ITEM C**

### **February 2016**

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

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
FEBRUARY, 2016  
DIVISION 00003

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C203813  
53003.3.1

NHPP-0040(019)393  
PENDER  
I-5722  
02/16/2016

PROPOSAL LENGTH 15.2 MILES  
TYPE OF WORK PAVEMENT REHABILITATION AND DRAINAGE.  
LOCATION I-40 FROM WEST OF SR-1318 (CAMP KIRKWOOD ROAD) MILEPOST 393 TO EAST OF NC-210 MILEPOST 408.2.

EST CONST PROGRESS.... FY-2016..20% OF BID  
FY-2017..68% OF BID  
FY-2018..12% OF BID

RPN 001 2 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 11,850,339.64

DATE AVAILABLE APR 18 2016  
FINAL COMPLETION OCT 27 2017

	\$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	11,837,601.48	-0.1
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	12,706,249.11	+7.2

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

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C203777  
52002.3.1, 52004.3.1

NHPP-0095(23)152, NHPP-0095(21)143  
HALIFAX, NASH  
I-5724, I-5726  
02/16/2016

PROPOSAL LENGTH 10.226 MILES  
TYPE OF WORK PAVEMENT REHABILITATION.  
LOCATION I-95 FROM THE NASH COUNTY LINE TO SR-1226 IN HALIFAX COUNTY & FROM SR-1524 IN NASH COUNTY  
TO THE HALIFAX COUNTY LINE.  
EST CONST PROGRESS.... FY-2016..46% OF BID  
FY-2017..54% OF BID

RPN 002 1 BIDDER(S) DBE GOAL 9.00 %  
ESTIMATE 8,156,299.74

DATE AVAILABLE MAR 28 2016  
FINAL COMPLETION OCT 15 2016

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	9,035,679.91	+10.8

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

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C203778  
52005.3.1, 53048.3.1

NHPP-0095(22)124, NHPP-0095(26)125  
WILSON  
I-5727, I-5842  
02/16/2016

PROPOSAL LENGTH 10.1 MILES  
TYPE OF WORK PAVEMENT REHABILITATION.  
LOCATION I-95 FROM SR-1116 (GOVERNOR HUNT ROAD) TO THE NASH COUNTY LINE.

EST CONST PROGRESS.... FY-2016..46% OF BID  
FY-2017..54% OF BID

RPN 003 2 BIDDER(S) DBE GOAL 9.00 %  
ESTIMATE 4,130,842.89

DATE AVAILABLE MAR 28 2016  
FINAL COMPLETION OCT 15 2016

	\$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	4,210,210.67	+1.9
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,734,940.82	+14.6

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

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C203817

2016CPT.05.06.10911.1, 2016CPT.05.06.10931.1, 2016CPT.05.06.20911.1, 2016CPT.05.06.20931.1

STATE FUNDED  
VANCE, WARREN

02/16/2016

PROPOSAL LENGTH 37.211 MILES  
TYPE OF WORK MILLING, RESURFACING, WIDENING, AND SHOULDER RECONSTRUCTION.  
LOCATION 1 SECTION OF US-158 BUSINESS, 1 SECTION OF US-1, 1 SECTION OF US-158, AND 5 SECTIONS OF  
SECONDARY ROADS.  
EST CONST PROGRESS.... FY-2016..54% OF BID  
FY-2017..46% OF BID

RPN 004 1 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 8.00%  
ESTIMATE 4,697,928.52

DATE AVAILABLE MAR 28 2016

FINAL COMPLETION NOV 15 2016

	\$ TOTALS	% DIFF
S. T. WOOTEN CORPORATION WILSON, NC	4,987,393.30	+6.2

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

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C203816  
2016CPT.05.17.10911.1

STATE FUNDED  
VANCE

02/16/2016

PROPOSAL LENGTH 15.134 MILES  
TYPE OF WORK MILLING AND RESURFACING.  
LOCATION US-1 FROM FRANKLIN COUNTY LINE TO I-85.

EST CONST PROGRESS.... FY-2016..52% OF BID  
FY-2017..48% OF BID

RPN 005                      3 BIDDER(S)              MBE GOAL 4.00 %              WBE GOAL 5.00%  
ESTIMATE 4,860,039.42

DATE AVAILABLE              MAR 28 2016

FINAL COMPLETION              NOV 30 2016

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,375,487.18	-10.0
CAROLINA SUNROCK LLC RALEIGH, NC	4,689,784.45	-3.5
S. T. WOOTEN CORPORATION WILSON, NC	4,960,779.52	+2.1

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
FEBRUARY, 2016  
DIVISION 00006

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C203781  
43741.3.FS1

HSIP-0074(155)  
COLUMBUS  
W-5518  
02/16/2016

PROPOSAL LENGTH 0.4599 MILES  
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.  
LOCATION US-74 AT SR-1574 (OLD US-74).

EST CONST PROGRESS.... FY-2016..25% OF BID  
FY-2017..68% OF BID  
FY-2018..07% OF BID

RPN 006                      6 BIDDER(S)              DBE GOAL    9.00 %  
ESTIMATE 3,920,799.55

DATE AVAILABLE            MAR 28 2016  
INTER COMPLETION        SEP 15 2017 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR  
PERMANENT VEGETATION ESTABLISHMENT  
FINAL COMPLETION        MAR 14 2018

	\$ TOTALS	% DIFF
BMCO CONSTRUCTION, INC. LUMBERTON, NC	3,656,574.98	-6.7
C. M. LINDSAY & SONS, INC. LUMBERTON, NC	4,243,030.66	+8.2
E.S. WAGNER COMPANY, LLC - SOUTH CA PIEDMONT, SC	4,269,897.97	+8.9
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	4,297,319.50	+9.6
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	4,603,768.26	+17.4
S. T. WOOTEN CORPORATION WILSON, NC	4,644,977.40	+18.5

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
FEBRUARY, 2016  
DIVISION 00007

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C203779  
52018.3.1, 53010.3.1

NHPP-0074(174), NHPP-0074(177)  
GUILFORD, FORSYTH  
I-5736, I-5767  
02/16/2016

PROPOSAL LENGTH 17.483 MILES  
TYPE OF WORK PAVEMENT AND BRIDGE REHABILITATION.  
LOCATION I-74/US-311 FROM I-40 IN FORSYTH COUNTY TO BUSINESS I-85 IN HIGH POINT.

EST CONST PROGRESS.... FY-2016..23% OF BID  
FY-2017..66% OF BID  
FY-2018..11% OF BID

RPN 007 3 BIDDER(S) DBE GOAL 9.00 %  
ESTIMATE 16,894,696.12

DATE AVAILABLE APR 04 2016  
FINAL COMPLETION OCT 29 2017

	\$ TOTALS	% DIFF
SHARPE BROTHERS A DIV OF VECELLIO & GROGAN, INC. GREENSBORO, N	14,950,678.73	-11.5
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	16,594,457.29	-1.8
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	21,613,219.70	+27.9

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

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C203814  
52022.3.1

NHPP-0085(22)  
ROWAN  
I-5741  
02/16/2016

PROPOSAL LENGTH 1.157 MILES  
TYPE OF WORK DRAINAGE, PAVEMENT REHABILITATION, AND BRIDGE PRESERVATION.  
LOCATION I-85 FROM US-601(JAKE ALEXANDER BOULEVARD) TO 0.5 MILE SOUTH OF US-52 (INNES STREET) IN  
SALISBURY

EST CONST PROGRESS.... FY-2016..64% OF BID  
FY-2017..36% OF BID

RPN 008 NO BIDDER(S) DBE GOAL 5.00 %  
ESTIMATE 2,084,890.60

DATE AVAILABLE MAR 28 2016  
FINAL COMPLETION SEP 30 2016

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

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C203702  
36780.3.GV3

NHIMF-085-2(78)63  
ROWAN, CABARRUS  
I-3802B, I-3610, B-5365  
02/25/2016

PROPOSAL LENGTH 5.9 MILES  
TYPE OF WORK DESIGN-BUILD.  
LOCATION I-85 FROM N OF LANE ST TO N OF US-29/601 CONNECTOR; I-85/NC-152 & NC-152/US-29/US-601 CONN  
INT; BRGS #21 & 34.

EST CONST PROGRESS.... FY-2016..03% OF BID  
FY-2017..36% OF BID  
FY-2018..30% OF BID  
FY-2019..22% OF BID  
FY-2020..09% OF BID

RPN 001                      3 BIDDER(S)              DBE GOAL    16.00 %  
ESTIMATE 105,677,300.00

DATE AVAILABLE        MAR 28 2016  
FINAL COMPLETION    NOV 15 2019

QUALITY ADJUSTED PRICE RANKING

PROPOSAL	TECH SCORE	QUALITY CREDIT %	ACTUAL CONT AMT (PRICE PROP)	ACT % DIFF	QUALITY VALUE	CONT AWARD BASIS (ADJ PRICE)	ADJ % DIFF
* THE LANE CONSTRUCTION CORP	92.50	15.00	107,933,118.00	+2.1	16,189,967.70	91,743,150.30	-13.2
* BID EXECUTED IMPROPERLY							
* BOND EXECUTED IMPROPERLY							
* APPROPRIATE TITLE NOT SELECTED. INCORRECT DATE ON BID BOND/POA.							
ARCHER WESTERN CONSTRUCTION LLC	90.00	13.33	112,925,000.00	+6.9	15,052,902.50	97,872,097.50	-7.4
* ZACHRY CONSTRUCTION CORPORATION	85.00	10.00	117,553,846.00	+11.2	11,755,384.60	105,798,461.40	+0.1
* BID EXECUTED IMPROPERLY							
* APPROPRIATE TITLE NOT SELECTED.							

\* DENOTES IRREGULAR BID

PROPOSAL	PROPOSED COMPLETION DATE
THE LANE CONSTRUCTION CORP	DEC 14 2018
ARCHER WESTERN CONSTRUCTION LLC	JUN 19 2019

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
FEBRUARY, 2016

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PROPOSAL

PROPOSED COMPLETION  
DATE

ZACHRY CONSTRUCTION CORPORATION

AUG 02 2019

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

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C203815

2016CPT.10.17.10041.2, 2016CPT.10.18.10041.3, 2016CPT.10.19.10041.4, 2016CPT.10.20.10041.5, 2016CPT.10.21.10041.6,  
2016CPT.10.22.20041.7, 2016CPT.10.23.20041.8, 2016CPT.10.24.20041.9, 2016CPT.10.25.20041.10, 2016CPT.10.26.20041.11,  
2016CPT.10.27.20041.12, 2016CPT.10.28.20041.13, 2016CPT.10.29.20041.14, 2016CPT.10.30.20041.15, 2016CPT.10.31.20041.16,  
2016CPT.10.32.20041.17, 2016CPT.10.33.20041.18, 2016CPT.10.34.20041.19, 2016CPT.10.35.20042.4, 2016CPT.10.36.20042.5,  
2016CPT.10.37.20042.6, 2016CPT.10.38.20042.7, 2016CPT.10.39.20042.8, 2016CPT.10.40.20042.9, 2016CPT.10.41.20042.10,  
2016CPT.10.42.20042.11

STATE FUNDED  
ANSON

02/16/2016

PROPOSAL LENGTH 48.762 MILES  
TYPE OF WORK MILLING, RESURFACING, SHLD RECONSTRUCTION, AND SHLD CONST.  
LOCATION 1 SECTION OF US-52, 4 SECTIONS OF US-74, AND 23 SECTIONS OF SR ROADS.

EST CONST PROGRESS.... FY-2016..26% OF BID  
FY-2017..74% OF BID

RPN 009                      4 BIDDER(S)              MBE GOAL 3.00 %              WBE GOAL 3.00%  
ESTIMATE 6,606,519.30

DATE AVAILABLE              APR 15 2016  
INTER COMPLETION              SEP 30 2016 COMPLETE ALL WORK REQUIRED OF FULL DEPTH RECLAMATION  
FINAL COMPLETION              JUN 20 2017

	\$ TOTALS	% DIFF
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	6,379,157.20	-3.4
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	6,726,981.05	+1.8
HUDSON PAVING, INC. ROCKINGHAM, NC	6,922,869.53	+4.8
LYNCHES RIVER CONTRACTING, INC. PAGELAND, SC	7,658,814.88	+15.9

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
FEBRUARY, 2016  
DIVISION 00011

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C203668  
42330.3.FD1

BRZ-1328(6)  
SURRY  
B-5173  
02/16/2016

PROPOSAL LENGTH 0.1574 MILES  
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.  
LOCATION BRIDGE #39 OVER MITCHELL RIVER ON SR-1328.

EST CONST PROGRESS.... FY-2016..69% OF BID  
FY-2017..31% OF BID

RPN 010 2 BIDDER(S) DBE GOAL 7.00 %  
ESTIMATE 928,762.92

DATE AVAILABLE MAR 28 2016  
INTER COMPLETION SEP 15 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT  
FINAL COMPLETION MAR 14 2017

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	909,063.11	-2.1
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,035,799.86	+11.5

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

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C203669  
42846.3.2

STATE FUNDED  
BUNCOMBE  
B-5244  
02/16/2016

PROPOSAL LENGTH 0.056 MILES  
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.  
LOCATION BRIDGE #363 OVER ROBINSON CREEK AND APPROACHES ON SR-3197.

EST CONST PROGRESS.... FY-2016..74% OF BID  
FY-2017..26% OF BID

RPN 011 4 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%  
ESTIMATE 618,850.70

DATE AVAILABLE MAR 28 2016  
INTER COMPLETION SEP 01 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT  
FINAL COMPLETION FEB 28 2017

	\$ TOTALS	% DIFF
MILLER ENGINEERING COMPANY, INC MARION, NC	570,849.38	-7.8
BUCKEYE BRIDGE LLC CANTON, NC	629,509.10	+1.7
DANE CONSTRUCTION, INC. MOORESVILLE, NC	635,566.85	+2.7
MOUNTAIN CREEK CONTRACTORS INC NORTH CHARLESTON, SC	684,067.05	+10.5

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

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C203754  
45552.3.1

IMF-026-1(191)47  
BUNCOMBE  
I-5504  
02/16/2016

PROPOSAL LENGTH 1.2 MILES  
TYPE OF WORK DESIGN BUILD.  
LOCATION I-26/NC-191 (BREVARD RD) INTERCHANGE MODIFICATIONS AND I-26 WIDENING AND PAVEMENT RECONSTRUCTION.

EST CONST PROGRESS.... FY-2016..03% OF BID  
FY-2017..39% OF BID  
FY-2018..32% OF BID  
FY-2019..21% OF BID  
FY-2020..05% OF BID

RPN 013                      3 BIDDER(S)              DBE GOAL    14.00 %  
ESTIMATE 45,651,700.00

DATE AVAILABLE        MAR 28 2016  
FINAL COMPLETION     AUG 01 2019

QUALITY ADJUSTED PRICE RANKING

PROPOSAL	TECH SCORE	QUALITY CREDIT %	ACTUAL CONT AMT (PRICE PROP)	ACT % DIFF	QUALITY VALUE	CONT AWARD BASIS (ADJ PRICE)	ADJ % DIFF
BLYTHE DEVELOPMENT CO.	85.00	7.50	47,464,448.00	+4.0	3,559,833.60	43,904,614.40	-3.8
WRIGHT BROTHERS CONSTRUCTION	85.00	7.50	56,170,000.00	+23.0	4,212,750.00	51,957,250.00	+13.8
BRANCH HIGHWAYS, INC.	92.00	11.00	63,913,257.00	+40.0	7,030,458.27	56,882,798.73	+24.6

PROPOSAL	PROPOSED COMPLETION DATE
BLYTHE DEVELOPMENT CO.	NOV 30 2018
WRIGHT BROTHERS CONSTRUCTION COMPANY	JUL 01 2019
BRANCH HIGHWAYS, INC.	JUL 02 2019



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

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C203752  
43587.3.1

STATE FUNDED  
PENNSYLVANIA  
R-5605  
02/16/2016

PROPOSAL LENGTH 0.7895 MILES  
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.  
LOCATION DAVIDSON RIVER VILLAGE CONNECTOR FROM US-64 TO US-276/US-64 IN PISGAH FOREST.

EST CONST PROGRESS.... FY-2016..23% OF BID  
FY-2017..66% OF BID  
FY-2018..11% OF BID

RPN 012 8 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 6.00%  
ESTIMATE 7,138,349.85

DATE AVAILABLE MAR 28 2016

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

	\$ TOTALS	% DIFF
BUCHANAN AND SONS INC WHITTIER, NC	6,601,487.68	-7.5
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	6,675,756.17	-6.5
TENNOCA CONSTRUCTION COMPANY CANDLER, NC	7,018,439.64	-1.7
WATSON CONTRACTING, INC. FRANKLIN, NC	7,489,606.02	+4.9
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	7,556,056.24	+5.9
GLF CONSTRUCTION CORPORATION MIAMI, FL	7,639,237.30	+7.0
VECELLIO & GROGAN INC BECKLEY, WV	8,058,619.65	+12.9
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	8,611,745.24	+20.6

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ESTIMATE TOTAL	221,132,428.65	
LETTING TOTAL	222,911,749.62	+0.8

**NCDOT March 2016  
Board of Transportation Agenda**

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

**Professional Services Management**

**Technical Services**

**Project Development and Environmental Analysis – Project Development**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to complete the Environmental Documents for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

**DIVISION 9**

Project:	50195.1.1 (R-5737) Davidson County US 29/US 70/Business 85 at SR 1798 (Old Greensboro Road) – Convert At-Grade Intersection to Interchange
Scope of Work:	Preparation of the Environmental Document (State EA/FONSI or a Federal CE)
Estimated Construction Cost:	\$15,000,000.00
Firm:	Dewberry Engineers, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	Patriot Transportation Engineering, PLLC \$100,000.00 20%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC    \$75,000.00 15%

**DIVISION 10**

Project:	44381.1.1 (U-5808) Union County SR 1362 (Chestnut Lane Connector) from SR 1367 (Matthews Indian Trail Road) to SR 1368 (Gribble Road) – Construct Road on New Location
Scope of Work:	Preparation of an Environmental Document (State EA/FONSI)
Estimated Construction Cost:	\$3,400,000.00
Firm:	Mead & Hunt, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP    \$15,000.00 3%
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC    \$10,000.00 2%

**March 3, 2016**

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

**STATEWIDE**

Description of Work:	2015 Planning and Design Limited Services
Firm:	SEPI Engineering and Construction, Inc., Raleigh, NC
Original Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC \$150,000.00 10%
SPSF Utilization:	Hinde Engineering, Inc. \$75,000.00 5%
SPSF Utilization:	TGS Engineers, Inc. \$150,000.00 10%

**Project Development and Environmental Analysis – Natural Environmental**

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 Natural Environmental Services LSC
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Original Engineering Fee:	\$600,000.00
Supplemental Fee:	\$600,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$60,000.00 10%
SPSF Utilization:	Dr. J. H. Carter III, & Associates, Inc. \$120,000.00 20%
Description of Work:	2015 Natural Environmental Services LSC
Firm:	Atkins North America, Inc., Raleigh, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$600,000.00
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$60,000.00 10%
Description of Work:	2015 Natural Environmental Services LSC
Firm:	Carolina Ecosystems, Inc., Clayton, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

**March 3, 2016**

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Three Oaks Engineering, Inc., Durham, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Dewberry Engineers, Inc., Raleigh, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$600,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$180,000.00 30%
SPSF Utilization:	Dr. J. H. Carter III, & Associates, Inc. \$60,000.00 10%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Environmental Services, Inc., Raleigh, NC
Original Engineering Fee:	\$600,000.00
Supplemental Fee:	\$600,000.00
SPSF Utilization:	100%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/MBE/SPSF Utilization:	0%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Mulkey Engineers & Consultants, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$ 600,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$12,000.00 2%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Original Engineering Fee:	\$ 600,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

### Roadway Design

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

### DIVISION 11

Project:	34518.1.4 (R-2915C) Ashe County US 221 from north of South Fork New River to south of NC 194
Scope of Work:	Roadway Design
Estimated Construction Cost:	\$62,600,000.00
Firm:	H. W. Lochner, Inc., Raleigh, NC
Original Engineering Fee:	\$353,647.55
Previous Supplemental Fee:	\$ 88,211.31
Supplemental Fee:	\$114,917.26
Supplemental Work:	Complete final Roadway Design plans
SPSF Utilization:	0%

### Design-Build

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 On-Call General Engineering Services on an as needed basis for various federal-aid and state funded projects to support the Design-Build Unit. These contracts will expire three (3) years (with a one (1) year extension option) after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

### STATEWIDE

Description of Work:	2016 On-Call General Engineering Services LSC
Firm:	Hatch Mott MacDonald I&E, LLC, Fuquay- Varina, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP \$90,000.00 3%
DBE/WBE Utilization:	O. R. Colan Group, LLC \$30,000.00 1%
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc. \$30,000.00 1%
SPSF Utilization:	Falcon Engineering, Inc. \$30,000.00 1%
Description of Work:	2016 On-Call General Engineering Services LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$150,000.00 5%

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## Transit

### Public Transportation Division

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:	2013 Public Transportation LSC
Firm:	Atkins North America, Inc., Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$ 0.00 6 month time extension only
SPSF Utilization:	0%
Description of Work:	2013 Public Transportation LSC
Firm:	KFH Group, Incorporated, Bethesda, Maryland
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$100,000.00 and 6 month time extension
DBE/WBE/SPSF Utilization:	100%

## Turnpike Authority

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

#### DIVISION 1

Project:	34470.1.TA1 (R-2576) Currituck County Mid-Currituck Bridge from Coinjock to Corolla
Scope of Work:	Project development, environmental, and engineering services
Estimated Construction Cost:	\$414,698,000.00
Firm:	Parsons Brinckerhoff, Inc., Raleigh, NC
Original Engineering Fee:	\$2,600,000.00
Previous Supplemental Fee:	\$4,427,300.00
Supplemental Fee:	\$ 250,000.00 and 16-month time extension
Supplemental Work:	Additional project development, environmental, and engineering services
SPSF Utilization:	0%

## State Asset Management

### Pavement Management

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

Project:	Quality Assurance for High Speed Data Collection and Processing
Scope of Work:	Sample, verify, and report on the quality of pavement distress data collected as part of the High Speed Data Collection and Processing
Firm:	Morian Properties, LLC, Conneaut Lake, Pennsylvania
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$300,000.00
SPSF Utilization:	100%

Description of Work:	High Speed Data Collection of Interstate and Primary Pavements
Firm:	Pathway Services Inc., Tulsa, Oklahoma
Original Engineering Fee:	\$2,100,000.00
Supplemental Fee:	\$2,100,000.00
SPSF Utilization:	0%

### Management Systems and Assessments

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:	2013 Maintenance Condition Assessment Surveys Contract
Firm:	Volkert, Inc., Raleigh, NC
Original Engineering Fee:	\$250,000.00
Previous Supplemental Fee:	\$850,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2013 Maintenance Condition Assessment Surveys Contract
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$500,000.00
Previous Supplemental Fee:	\$1,740,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%

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Description of Work:	2013 Maintenance Condition Assessment Surveys Contract
Firm:	SEPI Engineering and Construction, Inc., Raleigh, NC
Original Engineering Fee:	\$ 150,000.00
Previous Supplemental Fee:	\$ 580,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

### **Chief Engineer**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services on an as needed basis for various federal-aid and state funded projects to support Divisions 1, 2, 3, 4, and 6. These contracts will expire two (2) years, with an optional one (1) year extension possible, 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.

#### **Divisions 1-4, and 6**

Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	Atkins North America, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Alpha & Omega Group, PC    \$150,000.00 5%
SPSF Utilization:	Coastal Carolina Research, Inc.    \$60,000.00 2%
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC    \$210,000.00 7%
SPSF Utilization:	Clearbox Forecast Group, PLLC \$120,000.00 4%
DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP    \$60,000.00 2%
SPSF Utilization:	Falcon Engineering, Inc.    \$150,000.00 5%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC    \$60,000.00 2%

Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	CDM Smith, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Carolina Land Acquisitions, Inc.    \$30,000.00 1%
SPSF Utilization:	Environmental Services, Inc.    \$90,000.00 3%
SPSF Utilization:	So-Deep US, PC    \$90,000.00 3%

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DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC \$90,000.00 3%
DBE/WBE/SPSF Utilization:	Morton & Morton Design Services, PLLC \$30,000.00 1%
SPSF Utilization:	Summit Design and Engineering Services, PLLC \$450,000.00 15%
DBE/SPSF Utilization:	MI Engineering, PLLC \$150,000.00 5%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	HDR Engineering, Inc. of the Carolinas, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Hinde Engineering, Inc. \$150,000.00 5%
SPSF Utilization:	Joyner Keeny, PLLC \$60,000.00 2%
SPSF Utilization:	Patriot Transportation Engineering, PLLC \$120,000.00 4%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC \$90,000.00 3%
SPSF Utilization:	Ramey Kemp & Associates, Inc. \$150,000.00 5%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	Hatch Mott MacDonald I&E, LLC, Fuquay- Varina, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$90,000.00 3%
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc. \$30,000.00 1%
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group, Inc. \$30,000.00 1%
SPSF Utilization:	Falcon Engineering, Inc. \$60,000.00 2%
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC \$150,000.00 5%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Carolina Land Acquisitions, Inc.

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	\$150,000.00
	5%
SPSF Utilization:	Environmental Services, Inc. \$150,000.00
	5%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc.
	\$150,000.00
	5%
DBE/SPSF Utilization:	MI Engineering, PLLC \$150,000.00
	5%
SPSF Utilization:	So-Deep US, PC \$150,000.00
	5%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	Kimley-Horn & Associates, Inc., Cary, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$240,000.00
	8%
SPSF Utilization:	Catlin Engineers and Scientists, Inc.
	\$180,000.00
	6%
SPSF Utilization:	Carolina Land Acquisitions, Inc.
	\$150,000.00
	5%
DBE/MBE/SPSF Utilization:	Vistabution, LLC \$150,000.00
	5%
DBE/WBE/SPSF Utilization:	New South Associates, Inc. \$60,000.00
	2%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	H. W. Lochner, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Coastal Carolina Research, Inc. \$30,000.00
	1%
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$150,000.00
	5%
DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP \$270,000.00
	9%
SPSF Utilization:	Falcon Engineering, Inc. \$150,000.00
	5%
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc. \$30,000.00
	1%
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC
	\$120,000.00
	4%
SPSF Utilization:	So-Deep US, PC \$120,000.00
	4%
SPSF Utilization:	Sungate Design Group, PA \$150,000.00
	5%

Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	The Louis Berger Group, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/MBE/SPSF Utilization:	Accelerate Engineering, PLLC    \$60,000.00 2%
SPSF Utilization:	American Engineering Associates Southeast, PA    \$120,000.00 4%
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC    \$150,000.00 5%
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc.    \$60,000.00 2%
DBE/SPSF Utilization:	MI Engineering, PLLC    \$180,000.00 6%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC    \$90,000.00 3%
SPSF Utilization:	Sungate Design Group, PA    \$240,000.00 8%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Sungate Design Group, PA    \$450,000.00 15%
SPSF Utilization:	Hinde Engineering, Inc.    \$60,000.00 2%
SPSF Utilization:	Ramey Kemp & Associates, Inc.    \$60,000.00 2%
SPSF Utilization:	Southeastern Right of Way, LLC    \$60,000.00 2%
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group, Inc.    \$60,000.00 2%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	Mulkey Engineers & Consultants, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	Parsons Transportation Group, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Sungate Design Group, PA \$150,000.00 5%
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$210,000.00 7%
SPSF Utilization:	So-Deep US, PC \$150,000.00 5%
SPSF Utilization:	Hinde Engineering, Inc. \$120,000.00 4%
DBE/WBE/SPSF Utilization:	New South Associates, Inc. \$60,000.00 2%

Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Falcon Engineering, Inc. \$120,000.00 4%
SPSF Utilization:	Ramey Kemp & Associates, Inc. \$30,000.00 1%
DBE/WBE/SPSF Utilization:	New South Associates, Inc. \$30,000.00 1%
DBE/MBE/SPSF Utilization:	MM/I and Associates, LLC \$30,000.00 1%
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$60,000.00 2%

Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Carolina Ecosystems, Inc. \$75,000.00 2.5%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC \$150,000.00 5%
SPSF Utilization:	So-Deep US, PC \$75,000.00 2.5%
SPSF Utilization:	Coastal Carolina Research, Inc. \$60,000.00 2%

Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC \$60,000.00 2%

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Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	Stantec Consulting Services, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Falcon Engineering, Inc. \$60,000.00 2%
SPSF Utilization:	Patriot Transportation Engineering, PLLC \$30,000.00 1%
DBE/WBE/SPSF Utilization:	Anne Morris and Associates, LLC \$30,000.00 1%
SPSF Utilization:	So-Deep US, PC \$60,000.00 2%
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc. \$30,000.00 1%
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. \$60,000.00 2%
DBE/SPSF Utilization:	MI Engineering, PLLC \$60,000.00 2%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Mulkey Engineers & Consultants \$600,000.00 20%
SPSF Utilization:	Falcon Engineering, Inc. \$150,000.00 5%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	100%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	TGS Engineers, Inc., Shelby, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	100%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	VHB Engineering NC, PC, Watertown, Massachusetts
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Coastal Carolina Research, Inc. \$30,000.00 1%

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SPSF Utilization:	Falcon Engineering, Inc.	\$90,000.00
	3%	
DBE/SPSF Utilization:	MI Engineering, PLLC	\$150,000.00
	5%	
DBE/WBE/SPSF Utilization:	Mulkey Engineers & Consultants	\$180,000.00
	6%	
SPSF Utilization:	So-Deep US, PC	\$60,000.00
	2%	
SPSF Utilization:	Sungate Design Group, PA	\$150,000.00
	5%	
SPSF Utilization:	TGS Engineers, Inc.	\$180,000.00
	6%	
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services	
Firm:	Wetherill Engineering, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$3,000,000.00	
DBE/WBE/SPSF Utilization:	100%	

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.

**DIVISIONS 10-14**

Description of Work:	2012-2014 Division's LSA	
Firm:	Michael Baker Engineering, Inc., Cary, NC	
Original Engineering Fee:	\$2,000,000.00	
Supplemental Fee:	\$ 500,000.00	
DBE/SPSF Utilization:	MI Engineering, PLLC	\$75,000.00
	15%	
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc.	\$10,000.00
	2%	
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group, Inc.	\$10,000.00
	2%	

**March 3, 2016**

**NCDOT March 2016 Board of Transportation Agenda**

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

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

County	SR No./ Road Name	Description	Amount
Craven Div. 2	SR 1100 Catfish Lake Road	GDB&P. WBS 2C.025080	\$25,000.00
Jones Div. 2	SR 1105 Catfish Lake Road	GDB&P. WBS 2C.052043	\$12,000.00
Rowan Div. 9	SR 1500 Camp Road	Widen and Pave. Increase Funds. WBS 9C.080117	\$150,000.00
Rowan Div. 9	SR 1753 Centenary Church Road	Widen and Pave. Increase Funds. WBS 9C.080118	\$400,000.00
Haywood Div. 14	SR 1506 James Chapel Road	GDB&P. WBS 14C.044181	\$5,000.00

**Closings**

Division	County	WBS Element	Road Number / Name	Amount
Div. 11	Ashe	11C.005150	GDB&P. SR 1560, Martin Gambill Road. Increase and Close.	\$1,987.65

**Deletions**

County	SR No.	Reason	Amount
Rowan Div. 9	SR 1560 Cedar Springs Road	Grade, Drain and Widen. Funds Used on Higher Priority Projects. WBS 9C.080124	-\$250,000.00
Rowan Div. 9	SR 1948 Potneck Road	Grade, Drain and Widen. Funds Used on Higher Priority Projects. WBS 9C.080126	-\$300,000.00

**March 2016 Item E Summary:**

<b>5</b>	<b>Projects to Increase Funds</b>	<b>Amount:</b>	<b>\$592,000.00</b>
<b>1</b>	<b>Projects to Increase and Close</b>	<b>Amount:</b>	<b>\$1,987.65</b>
<b>2</b>	<b>Projects to Delete</b>	<b>Amount:</b>	<b>-\$550,000.00</b>

March 3, 2016

# **NCDOT March 2016 Board of Transportation Agenda**

## **Road Additions:**

<b>County</b>	<b>Pet. No.</b>	<b>Length (Miles)</b>	<b>Description</b>	<b>Date of Report</b>
<b>Division 1</b>				
Currituck	51011		<b>Laurel Wood Estates Subdivision</b>	12/17/15
		0.22	Laurel Woods Boulevard	
		0.64	Laurel Woods Way	
		0.27	Bay Leaf Drive	
		0.16	Mulberry Court	
		0.13	Sugar Maple Pass	
<b>Division 3</b>				
New Hanover	51012		<b>Wendover South Subdivision</b>	1/28/16
		0.16	Craftsman Way	
		0.04	Bloomington Lane	
New Hanover	51013		<b>Lantana Crossing Subdivision</b>	1/28/16
		0.08	Sturbridge Court	
Onslow	51014		<b>Burton industrial Park</b>	1/25/16
		0.46	W. C. Jarman Drive	
<b>Division 4</b>				
Johnston	51015		<b>Westfield Subdivision</b>	12/1/15
		0.10	Pedroia Drive	
Johnston	51016		<b>Sandy Branch Plantation Subdivision</b>	12/8/15
		0.06	Creek Bend	
<b>Division 5</b>				
Wake	51017		<b>Sutherland Subdivision</b>	10/1/15
		0.92	Territory Trail	
		0.18	Northlake Court	
		0.42	Lake Valley Drive	
		0.21	Sundance Street	
		0.39	Timberland Drive	
		0.09	Cascade Court	
		0.06	Coolbreeze Court	
<b>Division 7</b>				
Guilford	51018		<b>Ravenwood Subdivision</b>	1/7/16
		0.07	Minden Court	
		0.05	Minden Road	
		0.22	Raven Glen Drive	

**March 3, 2016**



# **NCDOT March 2016 Board of Transportation Agenda**

## **Road Additions:**

<b>County</b>	<b>Pet. No.</b>	<b>Length (Miles)</b>	<b>Description</b>	<b>Date of Report</b>
<b>Division 8</b>				
Richmond	51019	0.19	<b>Arlee Place Subdivision</b> Arlee Place	1/12/16
<b>Division 9</b>				
Davie	51020	0.10	<b>Sawgrass at Oak Valley Subdivision</b> Silverod Drive	2/3/16
Forsyth	51021	0.17	<b>Peppertree Subdivision</b> Peppertree Road, SR 3171 Ext.	1/26/16
<b>Division 10</b>				
Union	51022	0.31	<b>St. Johns Forest Subdivision</b> Manchineal Lane	9/19/15
Union	51023	0.28 0.44 0.51	<b>Copper Run Subdivision</b> Saddleridge Drive Huntcliff Drive Crofton Drive	11/3/15
Union	51024	0.18 0.63 0.45 0.39 0.06	<b>Hollister Subdivision</b> Tallow Tree Court Five Leaf Lane Caspian Drive Hollister Estates Drive Mandeville Court	1/20/16
<b>Division 12</b>				
Catawba	51025	0.12 0.05	<b>Abernethy Park Subdivision</b> Regents Park Drive Kensington Park Court	1/25/16
<b>Division 14</b>				
Henderson	51026	0.05	<b>Belmont Heights Subdivision</b> Whirlaway Court	10/16/15

**Summary:**    **Number of Roads Petitioned for Addition – 36**  
**Number of Roads Petitioned for Abandonment – 0**

## **Correction:**

Division 2 – Craven County, Petition 50988 was added for 1.00 miles. The correct length should be 0.10 miles.

**March 3, 2016**

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

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

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 1 Martin	Install future interstate signage along US-64 and US-17  WBS 44733	Small Construction  TOTAL	\$15,000.00  \$15,000.00
Div 2 Division-wide	Install future interstate signage along US-70 throughout the Division  WBS 49023	Small Construction  TOTAL	\$30,000.00  \$30,000.00
Div 4 Nash	WBS 75011 was established (04/13) to construct approximately 1 mile of new sidewalk along the south side of US-64 Bus (Washington St) and Eastern Ave - work will consist of sidewalk, culvert extensions, and curb and gutter Increase funds	Contingency  TOTAL	\$85,000.00  \$85,000.00
Div 7 Alamance	Town of Haw River – 3607.3.08 was established (08/11) for widening, curb & gutter, and construction of sidewalk along NC-49 (Main St) between Lang and Stone St Increase funds	Small Construction  TOTAL	\$75,000.00  \$75,000.00
Div 8 Lee	Widen median at Grace Baptist Church in Tramway  WBS 44736	Small Construction  TOTAL	\$25,000.00  \$25,000.00
Div 8 Richmond	Construction of turn lanes for new Enviva Biomass Plant along NC-177  WBS 44741	Econ Development  TOTAL	\$228,000.00  \$228,000.00
Div 11 Alleghany	WBS 44182 was established (6/14) for the installation of approximately 1625 feet of guardrail and end units on NC-93 and NC-113 at four locations Increase & close	Small Construction  TOTAL	\$3,900.17  \$3,900.17

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

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 11 Watauga	Construct and pave a driveway to the new Watauga County Emergency Response Base at the intersection of US-321 and SR 1310 (Willowdale Church Rd) WBS 44737	Public Access <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00
Div 11 Watauga	Install approximately 750 ft of steel beam guardrail on SR 1552 (Shulls Mill Rd) WBS 44740	Small Construction <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00
Div 14 Jackson	Install intersection warning flashers on US-441 at US-23 Bus / SR 1514 (Haywood Rd) WBS 44738	Small Construction <hr/> TOTAL	\$22,500.00 <hr/> \$22,500.00
Div 19 Statewide	Install security cameras in each of the 56 Rest Area restroom lobbies throughout the state WBS 44739.3.1	Contingency <hr/> TOTAL	\$150,000.00 <hr/> \$150,000.00

**Deletion:**

Div 7, Rockingham – WBS 3607.3.12 was established (07/12) to construct curb & gutter and sidewalks and install electrical conduit and boxes for future street lighting on SR 3005 (Morgan Rd); funding needs from bid opening exceeded planned scope

<b>Summary:</b>	<b>Number of Projects</b>	<b>11</b>
	<b>Number of Divisions</b>	<b>8</b>
	<b>Small Construction Commitment</b>	<b>\$196,400.17</b>
	<b>Public Access Commitment</b>	<b>\$25,000.00</b>
	<b>Contingency Commitment</b>	<b>\$235,000.00</b>
	<b>Economic Development</b>	<b>\$228,000.00</b>
	<b>TOTAL</b>	<b>\$684,400.17</b>

Highway Division	5310 Elderly & Disabled Program	Estimated Project Cost	
1	<b>17-ED-005 Albemarle Regional Health Services</b> will use the Operating funds to continue service that was funded by a 5310 grant that will expire on 06-30-2016. This grant will allow the system to continue providing transportation for elderly and disabled clients in a five county area so they can get to and from appointments, activities, and recreation and enjoy a high quality of life.	<b>Operating</b>	
		\$ 460,000	Total
		\$ 230,000	Federal
		\$ -	State
1	<b>17-ED-048 Dare County</b> will use the Operating funds to continue service that was funded by a 5310 grant that will expire on 06-30-2016. This grant will allow the system to continue providing transportation for elderly and disabled clients so they can get to and from appointments, activities, and recreation and enjoy a high quality of life.	<b>Operating</b>	
		\$ 100,000	Total
		\$ 50,000	Federal
		\$ -	State
1	<b>17-ED-067 Gates County</b> (dba Gates County Inter-Regional Transportation System, GITS) will use the operating funds to continue the curb-to-curb and thru-door services to assist their elderly and disabled clientele. This grant will allow the continuance of the program that was funded with a 5310 grant that will expire on 06-30-2016. The service area is for Gates county but some trips will be to neighboring counties and VA.	<b>Operating</b>	
		\$ 80,000	Total
		\$ 40,000	Federal
		\$ -	State
1	<b>17-ED-025 Hyde County Health Department</b> will use the Capital funds to continue service funded with a 5310 grant that will expire on 06-30-2016. The service provided will involve medical transportation for elderly and disabled clients of the Health Department. The service includes trips within Hyde County and to areas such as Greenville, Kinston, and other locations as needed.	<b>Capital</b>	
		\$ 40,000	Total
		\$ 32,000	Federal
		\$ 4,000	State
2	<b>17-ED-064 Pitt County Council on Aging</b> will use the funding for purchase of service to help reduce the current waiting list of over 210 needs-assessed individuals who meet the necessary criteria. The funding will allow enable the agency to service an additional 90 individuals not currently being served in Pitt County by providing transportation to individuals, in the rural and outlying areas of Pitt County.	<b>Capital</b>	
		\$ 130,000	Total
		\$ 104,000	Federal
		\$ 13,000	State
2	<b>17-ED-054 Carteret County</b> will offer additional trips to Elderly and Disabled residents for medical, social, recreational, and other purposes. This project will include extended hours of service in the evening, an additional deviated fixed route in the town of Newport, and continue a deviated fixed route in the towns of Morehead City and Beaufort. This will free up additional resources for outlying areas and create volunteer and employment opportunities with elderly and disabled trip destinations inside and outside of the county.	<b>Operating</b>	
		\$ 300,000	Total
		\$ 150,000	Federal
		\$ -	State
3	<b>17-ED-069 Pender Adult Services, Inc.</b> will use the funds to provide services to transport elderly and disabled.	<b>Operating</b>	
		\$ 150,000	Total
		\$ 75,000	Federal
		\$ -	State
3		<b>Operating</b>	
		\$ 150,000	Total
		\$ 75,000	Federal
		\$ -	State
3		<b>Operating</b>	
		\$ 150,000	Total
		\$ 75,000	Federal
		\$ -	State
3		<b>Operating</b>	
		\$ 150,000	Total
		\$ 75,000	Federal
		\$ -	State
3		<b>Operating</b>	
		\$ 150,000	Total
		\$ 75,000	Federal
		\$ -	State
3		<b>Operating</b>	
		\$ 150,000	Total
		\$ 75,000	Federal
		\$ -	State
3		<b>Operating</b>	
		\$ 150,000	Total
		\$ 75,000	Federal
		\$ -	State

		<b>Operating</b>		
		\$ 50,000	Total	
3	<b>17-ED-012 Duplin County</b> will provide additional transportation to support the senior and disabled population of Duplin County. This funding will be used to provide increased transportation to dialysis and medical appointments in and out of Duplin County.	\$ 25,000	Federal	
		\$ -	State	
		\$ 25,000	Local	
		<b>Operating</b>		
		\$ 33,000	Total	
3	<b>17-ED-055 Onslow United Transit System</b> will use operating funds to provide ADA service that goes beyond the minimum guidelines for the fixed route system. The area will use 6 miles outside the required 3/4 of mile from the fixed route. Also, a portion of the service area for this project is the urbanized area of Jacksonville; therefore, these funds will provide service the residents that meet the criteria.	\$ 16,500	Federal	
		\$ -	State	
		\$ 16,500	Local	
		<b>Operating</b>		
		\$ 160,000	Total	
4	<b>17-ED-921 Johnston County Industries Inc.</b> Johnston County Industries will use the funds to provide services to expand transportation services in Johnston and Harnett Counties. These services enhance integration to community resources for persons with disabilities and increase employment transportation availability for individuals with disabilities to get to and from work in both counties during weekdays, nights and weekends.	\$ 80,000	Federal	
		\$ -	State	
		\$ 80,000	Local	
		<b>Operating</b>		
		\$ 183,445	Total	
4	<b>17-ED-039 Community and Senior Services of Johnston County-</b> will use the grant funding to provide operating functions for purchase of services	\$ 91,722	Federal	
		\$ -	State	
		\$ 91,723	Local	
		<b>Operating</b>		
		\$ 100,000	Total	
		\$ 50,000	Federal	
		\$ -	State	
4	<b>17-ED-043 City of Rocky Mount</b> will use the Operating funds to continue providing extended service for the elderly and disabled as well as provide transportation beyond the normal services hours set for the general public. The Mobility Management funds to continue the current project which strives to empower seniors and persons with disabilities by incorporating a variety of mobility management techniques that allow them to use all the transportation options within Tar River Transit.	\$ 50,000	Local	
		<b>Mobility Management</b>		
		\$ 35,000	Total	
		\$ 28,000	Federal	
		\$ 3,500	State	
		\$ 3,500	Local	
		<b>Capital</b>		
		\$ 161,000	Total	
5	<b>17-ED-909 Granville County Senior Services</b> will use the funds for continuing to purchase transportation services funded by a 5310 grant that will expire 6/30/16 for transportation services purchased from the Kerr Area Transit System on a public transit route within the city limits of Oxford that includes stops at senior apartment complexes, Senior Center, hospital, pharmacies, Department of Social Services, and grocery stores.	\$ 128,800	Federal	
		\$ 16,100	State	
		\$ 16,100	Local	

			<b>Capital</b>	
		\$	300,000	Total
		\$	240,000	Federal
		\$	30,000	State
		\$	30,000	Local
			<b>Mobility</b>	
		\$	92,445	Total
		\$	73,956	Federal
		\$	9,244	State
		\$	9,245	Local
			<b>Capital</b>	
		\$	15,000	Total
		\$	12,000	Federal
		\$	1,500	State
		\$	1,500	Local
			<b>Capital</b>	
		\$	131,250	Total
		\$	105,000	Federal
		\$	13,125	State
		\$	13,125	Local
			<b>Capital</b>	
		\$	120,000	Total
		\$	96,000	Federal
		\$	12,000	State
		\$	12,000	Local
			<b>Operating</b>	
		\$	202,000	Total
		\$	101,000	Federal
		\$	-	State
		\$	101,000	Local
			<b>Capital</b>	
		\$	97,750	Total
		\$	78,200	Federal
		\$	9,775	State
		\$	9,775	Local

5 **17-ED-910 Kerr-Tar Regional Council of Governments** will use the funds for continuing a Mobility Management Program and purchasing transportation from Kerr Area Transit System for seniors and disabled individuals in Franklin, Granville, Vance, Person, and Warren County to access medical appointments, human service agency visits, educational opportunities and employment opportunities by a 5310 Grant that will expire 6/30/16. The Mobility Manager will coordinate transportation services with human service organizations and other agencies that provide travel and trip planning, and support transportation with ride sharing and volunteer programs.

7 **17-ED-088 Caswell County** will use funds to continue providing out-of-county medical transit services for elderly and disabled citizens. Services will be purchased from the Caswell County Area Transportation System and private providers in the county.

7 **17-ED-929 the City of Eden** will use funds to purchase transit services from Aging, Disabilities and Transportation Services of Rockingham County (ADTS), the community transportation system for seniors and individuals with disabilities in Rockingham County. These citizens utilize the deviated fixed route operating in Eden.

7 **17-ED-930 the City of Reidsville** will use funds to purchase transit services from Aging, Disabilities and Transportation Services of Rockingham County (ADTS), which is the community transportation system for seniors and individuals with disabilities in Rockingham County. Qualifying citizens use the deviated fixed route that operates in Reidsville.

7 **17-ED-049 Guilford County** (operating as Transportation and Management Services of Guilford) will continue to serve seniors who need transportation to nutrition sites and adult daycare centers. Additional trips for the elderly and disabled connect to rural areas of the county not connected to transportation services.

7 **17-ED-931 the Town of Stoneville** will use the funds to purchase services from Aging, Disabilities and Transportation Services of Rockingham County (ADTS) which is the community transportation system for seniors and individuals with disabilities who ride on the deviated fixed route operating in Stoneville and Rockingham County.

		<b>Operating</b>	
		\$ 120,053	Total
		\$ 60,026	Federal
		\$ -	State
		\$ 60,027	Local
		<b>Operating</b>	
		\$ 455,183	Total
		\$ 227,591	Federal
		\$ -	State
		\$ 227,592	Local
		<b>Capital</b>	
		\$ 107,500	Total
		\$ 86,000	Federal
		\$ 10,750	State
		\$ 10,750	Local
		<b>Capital</b>	
		\$ 250,000	Total
		\$ 200,000	Federal
		\$ 25,000	State
		\$ 25,000	Local
		<b>Capital</b>	
		\$ 160,000	Total
		\$ 128,000	Federal
		\$ 16,000	State
		\$ 16,000	Local
		<b>Mobility Management</b>	
		\$ 44,933	Total
		\$ 35,946	Federal
		\$ 4,493	State
		\$ 4,494	Local
		<b>Operating</b>	
		\$ 124,000	Total
		\$ 62,000	Federal
		\$ -	State
		\$ 62,000	Local
		<b>Capital</b>	
		\$ 310,000	Total
		\$ 248,000	Federal
		\$ 31,000	State
		\$ 31,000	Local

7	<b>17-ED-041 Alamance County Transportation Authority</b> will use operating funds to continue providing service to the medical and non-medical elderly and disabled population of Alamance County. Capital funds are proposed to upgrade ACTA's fleet by replacing 3 vehicles that have met useful life and are used to provide transit services for citizens in the small urbanized and rural areas of the County. Additionally, these vehicles will be used to provide coordinated transit services for seniors and individuals with disabilities. The larger Operating funds will be used to support the expanded service that was launched in 2013 that continues to add new riders, using ROAP Elderly and Disabled and Dial-a-Ride funds as a match.	
7	<b>17-ED-058 Aging, Disabilities and Transportation Services (ADTS)</b> of Rockingham County will use Capital funds to continue purchasing transportation services for developmentally disabled and seniors.	
7	<b>17-ED-026 Davidson County</b> will use the Capital funds to purchase direct transit service for the County's Senior Service clients. This service will expand the quantity and quality of transportation services offered to seniors in Davidson County. These funds will be managed by the Senior Services Department of the County and services will be purchased from the community transportation system and various private providers in the county.	
7	<b>17-ED-918 The Workshop of Davidson</b> will use Capital funds to continue purchasing transit services for developmentally disabled clients in Davidson County who require transportation to vocational training, employment, and compensatory educational opportunities. The services will be purchased from the Davidson County Transportation System.	
7	<b>17-ED-031 Yadkin Valley Economic Development District Inc.</b> (operating as YVEDDI) will continue to use Mobility funds to employ existing Mobility staff to manage the implementation of the One-Stop Call Center Management concept and a volunteer driver program. Operating funds will be used to provide transit services where, due to lack of funding, service is not provided or there are not enough trips available. The service areas for the project will be Davie, Stokes, Surry and Yadkin counties.	
8	<b>17-ED-923 Chatham County Council on Aging</b> will use the funds for continuing to purchase transportation services funded by a 5310 grant that will expire 6/30/16 for seniors and disabled individuals in Chatham County to access nutrition site senior centers, medical appointments, pharmacy, banking, legal, and grocery shopping through the Council on Aging's Congregate Transportation Program/Project Health Rides.	

		<b>Operating</b>	
		\$ 110,000	Total
8	<b>17-ED-050 Chatham Transit Network</b> will use the funds for continuing to operate transportation services funded by a 5310 grant that will expire 6/30/16 for seniors and disabled individuals in Chatham County. The operating funding will assist in funding transportation for the target population from outlying areas of the county that are otherwise cost prohibitive to serve.	\$ 55,000	Federal
		\$ -	State
		\$ 55,000	Local
		<b>Capital</b>	
		\$ 58,450	Total
8	<b>17-ED-061 Lee County</b> (operating as County of Lee Transit System) will use the funds to replace a vehicle previously funded with a 5310 Grant that has met useful life with a lift equipped 20' Light Transit Vehicle. This will enable COLTS to continue transit service for seniors and disabled individuals to elderly and disabled residences, medical appointments, shopping destinations, and social and recreational opportunities.	\$ 46,760	Federal
		\$ 5,845	State
		\$ 5,845	Local
		<b>Capital</b>	
		\$ 65,530	Total
		\$ 52,424	Federal
		\$ 6,553	State
8	<b>17-ED-922 The Stevens Center</b> will use the funds for continuing to operate Friday evening and Saturday transit service and purchasing transportation from the County of Lee Transit System to allow disabled individuals in Lee County to maintain evening and weekend employment and access shopping, social, and recreational opportunities. The Stevens Center has a 5310 Capital Grant for purchase of service that expires 6/30/16/ and a 5310 Operating Grant that expires 6/30/16. The operating funding is used for a part time after hours dispatcher and scheduler to allow disabled individuals to access the Friday evening and Saturday transit service.	\$ 6,553	Local
		<b>Operating</b>	
		\$ 26,689	Total
		\$ 13,344	Federal
		\$ -	State
		\$ 13,345	Local
		<b>Capital</b>	
		\$ 60,000	Total
10	<b>17-ED-936 Stanly County Senior Services</b> will use funding to purchase transportation services from the Stanly County Umbrella Service Agency (SCUSA) to restore senior trips that were cut due to budget cuts over the past two years. The proposed project will provide needed transportation services for seniors that are currently not being provided and add increased service to underserved parts of the county.	\$ 48,000	Federal
		\$ 6,000	State
		\$ 6,000	Local
		<b>Operating</b>	
		\$ 39,435	Total
		\$ 19,717	Federal
		\$ -	State
11	<b>17-ED-086 Alleghany County</b> (operating as Alleghany In Motion) will use the funds to continue providing transportation services funded by a 5310 grant that will expire June 30, 2016. This funding provides seniors and disabled individuals with more opportunities for same day services and scheduled low cost transportation to places that meet their daily needs and other destinations including volunteer work, employment, and continuing education and incidental recreational activities within Alleghany County. (2820)	\$ 19,718	Local
		<b>Capital</b>	
		\$ 58,500	Total
		\$ 46,800	Federal
		\$ 5,850	State
		\$ 5,850	Local



11	<b>17-ED-014 Ashe County Transportation Authority</b> will use the funds to continue providing transportation services for the targeted groups in Ashe County after their current 5310 project expires on June 30, 2016. These funds subsidize transportation services to the Adult Day Care and two currently established shuttle routes from two outlying communities in the county that rely on this service. Other demand response services for seniors and individuals with disabilities are also subsidized with these project funds. (2884)		<b>Operating</b>	
		\$	41,000	Total
		\$	20,500	Federal
		\$	-	State
		\$	20,500	Local
11	<b>17-ED-935 Avery Association for Exceptional Citizens Inc.</b> will use the funds to purchase transportation services for adults with intellectual and developmental disabilities to Yellow Mountain Enterprises, a vocational program providing vocational and educational services Monday - Friday. (2879) <b>(Category B)</b>		<b>Capital</b>	
		\$	43,000	Total
		\$	34,400	Federal
		\$	4,300	State
		\$	4,300	Local
12	<b>17-ED-011 Anson County Council on Aging</b> requests funding to purchase transportation services from Anson County Transportation. The project will provide transportation services to seniors in Anson County.		<b>Capital</b>	
		\$	50,000	Total
		\$	40,000	Federal
		\$	5,000	State
		\$	5,000	Local
12	<b>17-ED-024 Iredell County</b> (operating as Iredell County Area Transportation System) will use the funds to continue a services funded by a 5310 that will expire June 30, 2015. These services provide medical and personal trips for elderly and disabled individuals. This project will target rural parts of the county that have fewer mobility options for residents needing transit services.		<b>Operating</b>	
		\$	160,000	Total
		\$	80,000	Federal
		\$	-	State
		\$	80,000	Local
12	<b>17-ED-004 Catawba County</b> will use the funds to continue purchasing transportation services to congregate meal programs, essential shopping, medical care, pharmacy, banking and other essential services including government/non-profit agencies/services and veteran's services for seniors and disabled individuals residing in rural Catawba County. This request is to continue a service funded by a 5310 grant that will expire June 30, 2016.		<b>Capital</b>	
		\$	125,000	Total
		\$	100,000	Federal
		\$	12,500	State
		\$	12,500	Local
12	<b>17-ED-934 Alexander County</b> will use funds to purchase additional transportation services for Alexander County seniors that are 65 years of age and older or disabled individuals to congregate meal programs within Alexander County (and any supplemental activities related to the congregate programs), 5 days per week, who would otherwise not be able to attend due to lack of transportation.		<b>Capital</b>	
		\$	194,592	Total
		\$	155,673	Federal
		\$	19,459	State
		\$	19,460	Local
13	<b>17-ED-009 Yancey County Transportation Authority</b> will use the funds to offer additional out of county trips to medical appointments for seniors and disabled individuals, Monday through Friday 7:00 am till 4:30 pm. These out of county services will include trips to the surrounding areas of Buncombe, Madison, Avery, Watauga, Mitchell and Henderson.		<b>Operating</b>	
		\$	60,665	Total
		\$	30,332	Federal
		\$	-	State
		\$	30,333	Local

		<b>Operating</b>		
		\$ 150,000	Total	
14	<b>17-ED-019 Cherokee County Transit</b> (operating as DBA name) will offer additional trips to Elderly and Disabled residents for medical, social, recreational, and other purposes.	\$ 75,000	Federal	
		\$ -	State	
		\$ 75,000	Local	
		<b>Operating</b>		
		\$ 200,029	Total	
14	<b>17-ED-021 Eastern Band of Cherokee Indians</b> will use operating funds to increase elderly and disabled transportation and improve service. The Mobility manager will coordinate and expand transportation services in the four county area that they serve.	\$ 100,014	Federal	
		\$ -	State	
		\$ 100,015	Local	
		<b>Operating</b>		
		\$ 41,860	Total	
		\$ 20,930	Federal	
		\$ -	State	
14	<b>17-ED-079 Graham County</b> will use operating funds to increase elderly and disabled transportation and improve service.	\$ 20,930	Local	
		<b>Mobility</b>		
		\$ 60,113	Total	
		\$ 48,090	Federal	
		\$ 6,011	State	
		\$ 6,012	Local	
		<b>Capital</b>		
		\$ 24,998	Total	
14	<b>17-ED-979 Graham County Senior Center</b> will use capital funds to purchase transportation service from Graham County Transit for elderly and disabled transportation.	\$ 19,998	Federal	
		\$ 2,499	State	
		\$ 2,501	Local	
		<b>Operating</b>		
		\$ 200,000	Total	
		\$ 100,000	Federal	
		\$ -	State	
14	<b>17-ED-060 Jackson County</b> will use will use operating funds to increase elderly and disabled transportation and improve service. The Mobility manager will coordinate and expand transportation services in conjuncture with Macon County.	\$ 100,000	Local	
		<b>Mobility</b>		
		\$ 48,842	Total	
		\$ 39,073	Federal	
		\$ 4,884	State	
		\$ 4,885	Local	

		<b>Operating</b>	
		\$ 153,500	Total
		\$ 76,750	Federal
		\$ -	State
		\$ 76,750	Local
		<b>Capital</b>	
		\$ 67,295	Total
		\$ 53,836	Federal
		\$ 6,729	State
		\$ 6,730	Local
		<b>Operating</b>	
		\$ 90,359	Total
		\$ 45,179	Federal
		\$ -	State
		\$ 45,180	Local
		<b>Operating</b>	
		\$ 114,188	Total
		\$ 57,094	Federal
		\$ -	State
		\$ 57,094	Local
		<b>Operating</b>	
		\$ 163,648	Total
		\$ 81,824	Federal
		\$ -	State
		\$ 81,824	Local
		<b>Capital</b>	
		\$ 100,000	Total
		\$ 80,000	Federal
		\$ 10,000	State
		\$ 10,000	Local
		<b>Capital</b>	
		\$ 70,363	Total
		\$ 56,290	Federal
		\$ 7,036	State
		\$ 7,037	Local
		<b>Operating</b>	
		\$ 68,969	Total
		\$ 34,484	Federal
		\$ -	State
		\$ 34,485	Local

14 **17-ED-027 Macon County** will use operating funds to increase elderly and disabled transportation and improve service. They will use capital funds to replace vehicles used to provide elderly and disabled transportation.

14 **17-ED-932 Land-of-Sky Regional Council** will use operating funds to increase elderly transportation.

14 **17-ED-070 Mountain Projects** will use operating funds to increase elderly and disabled transportation and improve service.

14 **17-ED-033 Polk County** will use operating funds to increase elderly and disabled transportation and improve community transportation service.

14 **17-ED-967 Rutherford Life Services** will use capital funds to purchase transportation service from Rutherford County Transit for elderly and disabled transportation.

14 **17-ED-968 Rutherford County Senior Center** will use capital funds to purchase transportation service from Rutherford County Transit for elderly and disabled transportation.

14 **17-ED-032 Swain County Focal Point on Aging** will use operating funds to increase elderly and disabled transportation and improve service.

			<b>Operating</b>	
		\$	70,416	Total
		\$	35,208	Federal
		\$	-	State
		\$	35,208	Local
			<b>Capital</b>	
		\$	485,028	Total
		\$	388,022	Federal
		\$	48,502	State
		\$	48,504	Local
			<b>Mobility</b>	
		\$	138,990	Total
		\$	111,192	Federal
		\$	13,899	State
		\$	13,899	Local
			<b>State Admin</b>	
		\$415,499	Total	
		\$415,499	Federal	
			<b>Administrative</b>	
		\$	436,989	Total
		\$	349,591	Federal
		\$	21,849	State
		\$	65,549	Local
			<b>Capital</b>	
		\$	310,745	Total
		\$	248,596	Federal
		\$	31,074	State
		\$	31,075	Local
			<b>Administrative</b>	
		\$	127,952	Total
		\$	102,361	Federal
		\$	6,397	State
		\$	19,194	Local
			<b>Capital</b>	
		\$	235,200	Total
		\$	188,160	Federal
		\$	23,520	State
		\$	23,520	Local

14 **17-ED-022 Western Carolina Community Action** will use operating funds to increase elderly and disabled transportation and improve service.

1, 6, 8, 9,10 **17-ED-913 Monarch** will use funds to contract with local public transportation providers for safe, reliable transportation for individuals with intellectual and developmental disabilities traveling to/from Monarch's program sites in 6 rural service areas (Davie, Columbus, Moore, Robeson, Stanly, NE Region). The programs provide individuals access to therapeutic services, employment services, work, social interaction, & community involvement.

9, 10, 12 **17-ED-912 The Centralina Council of Governments (CCOG)** will use the funds to continue operation of its Mobility Management Agency (MMA) for a nine-county region. The MMA provides a range of outreach and training activities and a one-call/one-click center for answering questions on transportation services residents are eligible to receive. The service is designed to address unmet needs in the rural and small urban areas of the region.

Statewide **NCDOT-PTD State Administration** - The Public Transportation Division will provide subrecipient monitoring and oversight and provide technical assistance in the development of projects and plans for small urban and rural areas.

#### 5311 Community Transportation Program

1 **17-CT-005 Albemarle Regional Health Services** will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (1) 20' LTV w/Lift; (2) 25' LTV w/Lift; (1) 22' LTV w/Lift and the lettering and logos for each vehicle. In addition, propane conversion kits and building surveillance upgrade equipment will be purchased.

1 **17-CT-048 Dare County** will use the Admin funds to maintain the transportation office and provide community transportation services to the general public. The Capital funds will be used to replace (4) Lift-equipped, High-top vehicles and the lettering and logos for the vehicles.

		<b>Administrative</b>	
		\$ 88,914	Total
		\$ 71,131	Federal
		\$ 4,445	State
		\$ 13,338	Local
		<b>Capital</b>	
		\$ 1,280	Total
		\$ 1,024	Federal
		\$ 128	State
		\$ 128	Local
		<b>Administrative</b>	
		\$ 136,000	Total
		\$ 108,800	Federal
		\$ 6,800	State
		\$ 20,400	Local
		<b>Capital</b>	
		\$ 68,400	Total
		\$ 54,720	Federal
		\$ 6,840	State
		\$ 6,840	Local
		<b>Administrative</b>	
		\$ 180,467	Total
		\$ 144,373	Federal
		\$ 9,023	State
		\$ 27,071	Local
		<b>Capital</b>	
		\$ 148,864	Total
		\$ 119,091	Federal
		\$ 14,886	State
		\$ 14,887	Local
		<b>Administration</b>	
		\$ 99,753	Total
		\$ 79,802	Federal
		\$ 4,987	State
		\$ 14,964	Local
		<b>Administrative</b>	
		\$ 22,037	Total
		\$ -	Federal
		\$ 18,731	State
		\$ 3,306	Local

1	<b>17-CT-066 Washington County</b> dba Riverlight Transit will use the Admin funds to maintain the transportation office and provide the demand-response service to residents of Washington and Tyrrell counties. The Capital funds will be used to purchase (8) GPS units to install in the vehicles.	
1	<b>17-CT-067 Gates County</b> (operating as Gates County Inter-Regional Transportation System) provides community transportation services to human service agencies and the general public. The system will use the Administrative funds requested to continue providing those services. The Capital funds will be used to purchase a High-top w/o Lift replacement vehicle and logo and lettering. The Capital funds will also be used to purchase a new copier and (2) hand-held radio units.	
1	<b>17-CT-028 Martin County</b> will use the Administrative funds to maintain the office activities and to provide the transportation services needed by the residents. The Capital budget is requested to purchase replacement office furniture (1 desk, 2 task chairs) and for facility improvements to pave a parking lot and provide security fencing and surveillance cameras.	
1	<b>17-CT-025 Hyde County Non-Profit Private Transportation Corporation</b> will use the Admin funds to pay for salary and benefits for the transit director and assistant director, and to pay expenses and make purchases to support the program.	
1	<b>17-HS-065 Tyrrell County</b> will use the Admin funds to provide transportation services for the Senior Center patrons. The transportation services enhance the quality of life for the senior citizens by allowing them to continue going to places for social and recreational activities, nutrition centers, and to take care of their daily needs.	

- 2 **17-CT-017 Beaufort County Developmental** will use administrative funding to supplement administration expenses for the transit system including: payroll, professional services, supplies and materials, travel and transportation, communications, utilities, printing, repairs and maintenance, computer support services, equipment leases, service and maintenance contracts, and insurance. They will use capital funds to replace two vehicles (22' LTV w/ lift) and purchase vehicle lettering and logos, and a laptop.

Administrative		
\$	159,651	Total
\$	127,720	Federal
\$	7,982	State
\$	23,949	Local
Capital		
\$	133,000	Total
\$	106,400	Federal
\$	13,300	State
\$	13,300	Local

- 2 **17-CT-054 Carteret County** will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for two replacement vehicles (22' LTV w/ lift; Minivan/Crossover), office furniture, and vehicle lettering and logos.

Administrative		
\$	212,383	Total
\$	169,906	Federal
\$	10,619	State
\$	31,858	Local
Capital		
\$	100,450	Total
\$	80,360	Federal
\$	10,045	State
\$	10,045	Local

- 2 **17-CT-029 Craven County** will use administrative funds for providing community transportation services to human service agencies and to the general public within Craven, Jones, Pamlico counties. They will use capital funds for fareboxes, vehicle lettering and logos, digital video recording system and a printer.

Administrative		
\$	318,854	Total
\$	255,083	Federal
\$	15,942	State
\$	47,829	Local
Capital		
\$	84,125	Total
\$	67,300	Federal
\$	8,412	State
\$	8,413	Local

- 2 **17-CT-059 Greene County** will use administrative funds for providing community transportation services to schools, medical appointments, human service agencies and to the general public. They will use capital funds to replace three lift-equipped high-top vans to help continue providing transportation services to the citizens of Greene County.

Administrative		
\$	109,434	Total
\$	87,547	Federal
\$	5,471	State
\$	16,416	Local
Capital		
\$	175,500	Total
\$	140,400	Federal
\$	17,550	State
\$	17,550	Local

		<b>Administrative</b>	
		\$ 275,422	Total
		\$ 220,337	Federal
		\$ 13,771	State
		\$ 41,314	Local
		<b>Capital</b>	
		\$ 60,350	Total
		\$ 48,280	Federal
		\$ 6,035	State
		\$ 6,035	Local
		<b>Administrative</b>	
		\$ 160,947	Total
		\$ 128,757	Federal
		\$ 8,047	State
		\$ 24,143	Local
		<b>Administrative</b>	
		\$ 209,335	Total
		\$ 167,468	Federal
		\$ 10,466	State
		\$ 31,401	Local
		<b>Capital</b>	
		\$ 118,000	Total
		\$ 94,400	Federal
		\$ 11,800	State
		\$ 11,800	Local
		<b>Administrative</b>	
		\$ 165,186	Total
		\$ 132,148	Federal
		\$ 8,259	State
		\$ 24,779	Local
		<b>Capital</b>	
		\$ 66,061	Total
		\$ 52,848	Federal
		\$ 6,606	State
		\$ 6,607	Local

2	<b>17-CT-034 Lenoir County</b> will use administrative funds for providing transportation to medical appointments, employment, and educational opportunities. They will use capital funds to replace one vehicle (Lift-Equipped High-top van), purchase office chairs, shredder, vehicle lettering and logos.	
2	<b>17-CT-064 Pitt County</b> will use administrative funds for salaries of administrative staff and office related expenses in operating a transportation system in Pitt County. This system provides transportation for clients under Medicaid, Council on Aging, ECVC, Vocational Rehabilitation, and GREAT Bus, RGP, Employment and other agencies.	
3	<b>17-CT-012 Duplin County</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. They will also use the administrative funds to cover vehicle insurance, office supplies, marketing, utilities, and all other approved administrative costs. They will use capital funds to replace two lift-equipped vans, an office chair, and vehicle lettering/logos.	
3	<b>17-CT-069 Pender Adult Services Inc.</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (1) 20' LTV w/Lift and the lettering and logos for each vehicle. Funds will also be used for security camera for administration facility.	

			<b>Administrative</b>	
		\$	192,924	Total
		\$	154,339	Federal
		\$	9,646	State
		\$	28,939	Local
			<b>Capital</b>	
		\$	137,148	Total
		\$	109,718	Federal
		\$	13,714	State
		\$	13,716	Local
			<b>Administrative</b>	
		\$	204,212	Total
		\$	163,369	Federal
		\$	10,210	State
		\$	30,633	Local
			<b>Administrative</b>	
		\$	217,481	Total
		\$	173,984	Federal
		\$	10,874	State
		\$	32,623	Local
			<b>Administrative</b>	
		\$	199,880	Total
		\$	159,904	Federal
		\$	9,994	State
		\$	29,982	Local
			<b>Capital</b>	
		\$	128,400	Total
		\$	102,720	Federal
		\$	12,840	State
		\$	12,840	Local
			<b>Administrative</b>	
		\$	271,195	Total
		\$	216,956	Federal
		\$	13,559	State
		\$	40,680	Local
			<b>Operating</b>	
		\$	195,000	Total
		\$	97,500	Federal
		\$	-	State
		\$	97,500	Local

3	<b>17-CT-015 Sampson Area Transportation System</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (2) HTV wo/Lift and (1) minivan crossover and the lettering and logos for each vehicle. In addition, funding will be used for office calculators, personal computer and printer.	
3	<b>17-CT-055 Onslow United Transit System, Inc.</b> will use administrative funds for admin salaries, rent, office supplies, insurance on vehicles, accounting, and computer supplies, D & A Test, travel, legal advertising, advertising, marketing and promotional items, cleaning services and any other administrative cost.	
3	<b>17-CT-052 Cape Fear Public Transportation Authority</b> will use administrative funds for the administrative support required to operate the Authority's rural transportation services. WAVE Transit provides vital transportation services to individuals with disabilities within New Hanover County.	
3	<b>17-CT-085 Brunswick County</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (1) HTV w/Lift and (1) HTV wo/Lift and the lettering and logos for each vehicle. In addition, funds will be used for office furniture, personal computer/software and printer.	
4	<b>17-CT-043 City of Rocky Mount</b> will use the Administrative funds to cover costs associated with Tar River Transit's rural program. The funds will be used to cover a portion of the salary and benefits for the Transit Administrator and Transit Assistant; office supplies; and the transit contractor management fees. The Capital funds will be used to purchase (1) lift-equipped High-top vehicle and the logo and lettering. The Operating funds will be used to fund direct purchase of service from a privately owned provider to provide additional transportation services to the elderly and disabled citizens in the service area.	



4	<b>17-CT-047 Goldsboro-Wayne Transportation Authority</b> will use administrative funds for providing service to rural public transportation to agencies, elderly, disable, and general public riders in Wayne County. They will use capital funds to replace one vehicle (22' LTV w/ lift).		<b>Administrative</b>	
		\$	358,208	Total
		\$	286,566	Federal
		\$	17,910	State
		\$	53,732	Local
4	<b>17-CT-039 Community and Senior Services of Johnston County-</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (5) HTV w/Lift and the lettering and logos for each vehicle. In addition, software licenses (7) and annual online backup software will be purchased.		<b>Administrative</b>	
		\$	349,859	Total
		\$	279,887	Federal
		\$	17,492	State
		\$	52,480	Local
4	<b>17-CT-035 Wilson County Transportation System</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (4) HTV w/Lift and (1) HTV without lift the lettering and logos for each vehicle.		<b>Capital</b>	
		\$	300,800	Total
		\$	240,640	Federal
		\$	30,080	State
		\$	30,080	Local
4	<b>17-CT-001 City of Wilson</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. Funds will also be used for baseline technology and facility improvement expenses. Operating funds included direct purchase of service from privately owned provider.		<b>Administrative</b>	
		\$	118,374	Total
		\$	94,699	Federal
		\$	5,918	State
		\$	17,757	Local
4			<b>Capital</b>	
		\$	289,000	Total
		\$	231,200	Federal
		\$	28,900	State
		\$	28,900	Local
4			<b>Administrative</b>	
		\$	322,209	Total
		\$	257,767	Federal
		\$	16,110	State
		\$	48,332	Local
4			<b>Capital</b>	
		\$	339,353	Total
		\$	271,482	Federal
		\$	33,935	State
		\$	33,936	Local
4			<b>Operating</b>	
		\$	973,682	Total
		\$	256,857	Federal
		\$	-	State
		\$	716,825	Local

- 5 **17-CT-083 Wake County** (operating as Wake Coordinated Transportation Service) will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds to replace three vehicles that have met useful life with three lift equipped high top vehicles.

Administrative		
\$	283,306	Total
\$	192,818	Federal
\$	47,992	State
\$	42,496	Local
Capital		
\$	354,000	Total
\$	-	Federal
\$	318,600	State
\$	35,400	Local

- 5 **17-CT-083 Person County** (operating as Person Area Transportation System) will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds to replace three vehicles that have met useful life with three lift equipped high top vehicles.

Administrative		
\$	190,369	Total
\$	152,295	Federal
\$	9,518	State
\$	28,556	Local
Capital		
\$	177,000	Total
\$	141,600	Federal
\$	17,700	State
\$	17,700	Local

- 5 **17-CT-030 Kerr Area Transportation Authority** (operating as Kerr Area Rural Transportation Authority - KARTS - in Franklin, Granville, Vance, and Warren Counties) will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds to replace thirteen vehicles that have met useful life with thirteen lift equipped 20' Light Transit Vehicles.

Administrative		
\$	599,511	Total
\$	479,608	Federal
\$	29,975	State
\$	89,928	Local
Capital		
\$	760,500	Total
\$	608,400	Federal
\$	76,050	State
\$	76,050	Local
Operating		
\$	132,734	Total
\$	66,367	Federal
\$	-	State
\$	66,367	Local

- 5 **17-CT-046 Durham County** (operating as Durham County Access) will use administrative funds for providing community transportation services to human service agencies and to the general public.

Administrative		
\$	88,734	Total
\$	50,791	Federal
\$	24,632	State
\$	13,311	Local

6	<b>17-CT-053 Bladen County</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (2) 20' LTV w/Lift and the lettering and logos for each vehicle. Additional funding will be used for the purchase of a Personal Computer and software.	<b>Administrative</b>	
		\$	126,827 Total
		\$	101,461 Federal
		\$	6,341 State
		\$	19,025 Local
6	<b>17-CT-076 Columbus County</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (2) 20' LTV w/Lift; and (1) van/crossover and the lettering and logos for each vehicle.	<b>Capital</b>	
		\$	106,178 Total
		\$	84,942 Federal
		\$	10,617 State
		\$	10,619 Local
6	<b>17-CT-044 Cumberland County Community Transportation Program</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation.	<b>Administrative</b>	
		\$	183,348 Total
		\$	146,678 Federal
		\$	9,167 State
		\$	27,503 Local
6	<b>17-CT-040 County of Harnett</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (1) HTV wo/Lift; and the lettering and logos for the vehicle.	<b>Capital</b>	
		\$	135,100 Total
		\$	108,080 Federal
		\$	13,510 State
		\$	13,510 Local
6	<b>17-CT-074 Robeson County</b> (South East Area Transportation System) will use the grant funding to provide Administrative support to the public transportation program. These services enhance passenger's accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation.	<b>Administrative</b>	
		\$	132,078 Total
		\$	105,662 Federal
		\$	6,603 State
		\$	19,813 Local

		<b>Administrative</b>	
	<b>17-CT-056 Orange County</b> (operating as Orange County Public	\$ 166,765	Total
7	Transportation - OPT) will use administrative funds for providing community	\$ 105,061	Federal
	transportation services to human service agencies and to the general public.	\$ 36,688	State
		\$ 25,016	Local
		<b>Administrative</b>	
	<b>17-CT-049 Guilford County</b> (operating as Transportation and Mobility	\$ 171,789	Total
7	Services of Guilford) will continue to utilize Administrative funds to operate	\$ 58,408	Federal
	the day-to-day services of providing coordinated community transportation	\$ 87,612	State
	services to human service agencies and to the general public. Two FTEs with	\$ 25,769	Local
	benefits will continue to provide mobility services in addition to the revolving		
	monthly costs to operate a transit office.		
		<b>Administrative</b>	
	<b>17-CT-058 Aging, Disability and Transit Services of Rockingham County</b>	\$ 176,422	Total
7	(operating as Rockingham Community Access Transit Services - RCATS)	\$ 141,137	Federal
	provides coordinated community transportation services to human service	\$ 8,821	State
	agencies and to the general public. Administrative funds will be used to	\$ 26,464	Local
	cover personnel expenses. Capital funds will be used to update the system's	<b>Capital</b>	
	fleet by replacing 4 vehicles that have met useful life mileages.	\$ 286,500	Total
		\$ 229,200	Federal
		\$ 28,650	State
		\$ 28,650	Local
		<b>Administrative</b>	
	<b>17-CT-041 Alamance County Transportation Authority</b> (operating as	\$ 260,024	Total
7	ACTA) Administrative funds will be used for to operate coordinated	\$ 80,607	Federal
	community transportation service to human service agencies for the general	\$ 140,412	State
	public.	\$ 39,005	Local
		<b>Administrative</b>	
	<b>17-CT-088 Caswell County</b> (operating as Caswell Public Transportation	\$ 111,079	Total
7	System) Administrative funds will be used to provide transit services to	\$ 88,863	Federal
	citizens in the county for medical appointments as the county does not have	\$ 5,553	State
	a hospital. These funds are also used to operate the general day-to-day	\$ 16,663	Local
	functions of a full transit office in addition to vehicle insurance and basic	<b>Capital</b>	
	office supplies and materials. These coordinated community transportation	\$ 58,350	Total
	services are not just for the elderly, but also for the general public. Capital	\$ 46,680	Federal
	funding will be used to replace one 20' LTV vehicle w/lift and install labeling	\$ 5,835	State
	to identify the system operating the vehicle.	\$ 5,835	Local
		<b>Capital</b>	
	<b>17-ED-073 Randolph County Senior Adults Association, Inc.</b> will use Capital	\$ 175,800	Total
7	funds to update its fleet by replacing 3 LTVs with 20' LTVs w/lifts that are	\$ 140,640	Federal
	used to provide coordinated demand response service for elderly and	\$ 17,580	State
	disabled citizens.	\$ 17,580	Local

8	<b>17-CT-073-Randolph County Senior Adults Association, Inc.</b> (Operating as Regional Coordinated Area Transportation System in Randolph and Montgomery Counties.) Will use Administrative funds to continue providing coordinated community transportation services to human service agencies and to the general public in the two-county region.	<b>Administrative</b>	
		\$	340,301 Total
		\$	272,240 Federal
		\$	17,015 State
		\$	51,046 Local
8	<b>17-CT-075 Richmond Interagency</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (1) 25' LTV w/Lift and (4) HTV and the lettering and logos for each vehicle.	<b>Administrative</b>	
		\$	212,312 Total
		\$	169,849 Federal
		\$	10,615 State
		\$	31,848 Local
8	<b>17-CT-078 Hoke County</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (2) 25' LTV w/Lift and (2) 22' LTV w/Lift and the lettering and logos for each vehicle. Funding will also be used for handheld radios, 4 mobile units for vehicles, replace radio base station, and copier/scanner.	<b>Capital</b>	
		\$	305,425 Total
		\$	244,340 Federal
		\$	30,542 State
		\$	30,543 Local
8	<b>17-CT-071 Scotland County Area Transportation System</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation.	<b>Administrative</b>	
		\$	196,149 Total
		\$	84,344 Federal
		\$	82,382 State
		\$	29,423 Local
8	<b>17-CT-062 Moore County</b> (operating as Moore County Transportation) will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds to replace one vehicle that has met useful life with one lift equipped high-top vehicle. They are also using capital funds to replace a repeater station that has met useful life with a new repeater station.	<b>Capital</b>	
		\$	290,635 Total
		\$	232,508 Federal
		\$	29,063 State
		\$	29,064 Local
8	<b>17-CT-071 Scotland County Area Transportation System</b> will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation.	<b>Administrative</b>	
		\$	115,965 Total
		\$	92,772 Federal
		\$	5,798 State
		\$	17,395 Local
8	<b>17-CT-062 Moore County</b> (operating as Moore County Transportation) will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds to replace one vehicle that has met useful life with one lift equipped high-top vehicle. They are also using capital funds to replace a repeater station that has met useful life with a new repeater station.	<b>Administrative</b>	
		\$	246,333 Total
		\$	197,066 Federal
		\$	12,316 State
		\$	36,951 Local
8	<b>17-CT-062 Moore County</b> (operating as Moore County Transportation) will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds to replace one vehicle that has met useful life with one lift equipped high-top vehicle. They are also using capital funds to replace a repeater station that has met useful life with a new repeater station.	<b>Capital</b>	
		\$	63,900 Total
		\$	51,120 Federal
		\$	6,390 State
		\$	6,390 Local

		<b>Administrative</b>	
		\$ 172,145	Total
		\$ 137,716	Federal
		\$ 8,607	State
		\$ 25,822	Local
		<b>Capital</b>	
		\$ 58,450	Total
		\$ 46,760	Federal
		\$ 5,845	State
		\$ 5,845	Local
		<b>Administrative</b>	
		\$ 234,244	Total
		\$ 187,395	Federal
		\$ 11,712	State
		\$ 35,137	Local
		<b>Capital</b>	
		\$ 270,880	Total
		\$ 216,704	Federal
		\$ 27,088	State
		\$ 27,088	Local
		<b>Administrative</b>	
		\$ 170,666	Total
		\$ 78,506	Federal
		\$ 66,559	State
		\$ 25,601	Local
		<b>Administrative</b>	
		\$ 204,110	Total
		\$ 163,288	Federal
		\$ 10,205	State
		\$ 30,617	Local
		<b>Capital</b>	
		\$ 225,150	Total
		\$ 180,120	Federal
		\$ 22,515	State
		\$ 22,515	Local

8	<b>17-CT-061 Lee County</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds to replace one vehicle that has met useful life with one lift equipped 20' Light Transit Vehicle.	
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8	<b>17-CT-050 Chatham Transit Network</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds to replace four vehicles that have met useful life with two 20' lift equipped Light Transit Vehicles, one lift equipped 22' Light Transit Vehicle, and one lift equipped 28' Light Transit Vehicle.	
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9	<b>17-CT-026 Davidson County</b> (operating as Davidson County Transportation System) will continue to use Administrative funds to provide coordinated community transportation services to human service agencies and to the general public. These transit services will allow citizens access to medical appointments, employment and nutritional centers.	
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9	<b>17-CT-011 Anson County</b> (operating as Anson County Transportation System) provides community transportation services to human service agencies and to the general public. Capital funding replaces three (3) 20' LTVs and one (1) LTV with Wheelchair Lift.	
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9	<b>17-CT-037 Rowan County</b> (operating as Rowan Transit System - RTS) will use administrative funds to support the provision of community transportation services to human service agencies and to the general public countywide. Capital funding replaces one (1) high top vehicle without lift and five (5) lift equipped high top replacement vehicles.	<b>Administrative</b>	
		\$	175,367 Total
		\$	140,293 Federal
		\$	8,768 State
		\$	26,306 Local
9	<b>17-CT-003-The City of Salisbury</b> (Salisbury Transit) provides a fixed route service and complimentary ADA Paratransit mobility option to the general public in the cities of Salisbury, Spencer, and East Spencer. Administrative funding supports the Transit Dispatcher and Transit Division Manager positions. Capital funds will be used to replace two (2) Lift Equipped High Top Vans and one (1) 22' LTV Vehicles with wheelchair lift.	<b>Capital</b>	
		\$	347,000 Total
		\$	277,600 Federal
		\$	34,700 State
		\$	34,700 Local
10	<b>17-CT-042 Cabarrus County</b> (operating as Cabarrus County Transportation Services - CCTS) will use administrative funds to support the provision of community transportation services to human service agencies and to the general public countywide. CCTS also provides ADA paratransit service for the City of Concord. Capital funding will replace five (5) 20' LTVs w/lifts.	<b>Administrative</b>	
		\$	138,988 Total
		\$	- Federal
		\$	118,139 State
		\$	20,849 Local
10	<b>17-CT-051- Mecklenburg County</b> (operating as Mecklenburg Transportation System) will use administrative funds for the provision of community transportation services to human service agencies and to the general public. Capital expenditures include four (4) replacement 25' LTV w/lift) and associated costs.	<b>Capital</b>	
		\$	87,804 Total
		\$	- Federal
		\$	79,023 State
		\$	8,781 Local
10		<b>Administrative</b>	
		\$	272,000 Total
		\$	122,400 Federal
		\$	108,800 State
		\$	40,800 Local
10		<b>Capital</b>	
		\$	290,000 Total
		\$	232,000 Federal
		\$	29,000 State
		\$	29,000 Local
10		<b>Administrative</b>	
		\$	168,077 Total
		\$	134,461 Federal
		\$	8,403 State
		\$	25,213 Local
10		<b>Capital</b>	
		\$	607,000 Total
		\$	485,600 Federal
		\$	60,700 State
		\$	60,700 Local

		<b>Administrative</b>	
		\$ 238,928	Total
		\$ 191,142	Federal
		\$ 11,946	State
		\$ 35,840	Local
		<b>Capital</b>	
		\$ 1,760	Total
		\$ 1,408	Federal
		\$ 176	State
		\$ 176	Local
		<b>Administrative</b>	
		\$ 136,450	Total
		\$ 39,570	Federal
		\$ 76,412	State
		\$ 20,468	Local
		<b>Capital</b>	
		\$ 285,750	Total
		\$ 228,600	Federal
		\$ 28,575	State
		\$ 28,575	Local
		<b>Administrative</b>	
		\$ 590,345	Total
		\$ 472,276	Federal
		\$ 29,517	State
		\$ 88,552	Local
		<b>Capital</b>	
		\$ 613,578	Total
		\$ 490,862	Federal
		\$ 61,357	State
		\$ 61,359	Local
		<b>Operating</b>	
		\$ 177,000	Total
		\$ 88,500	Federal
		\$ -	State
		\$ 88,500	Local
		<b>Administrative</b>	
		\$ 154,273	Total
		\$ 123,418	Federal
		\$ 7,713	State
		\$ 23,142	Local
10	<b>17-CT-038- Stanly County</b> (operating as SCUSA Transportation) will use administrative funds to support the provision of community transportation services to human service agencies and to the general public.		
10	<b>17-CT-089-Union County</b> (operating as Union County Transportation) will use administrative funds for the provision of community transportation services to human service agencies and to the general public. Capital funding will purchase 4 (four) 20' LTV Replacement with Lift Vehicles and one (1) 20' LTV Replacement cut away vehicle.		
11	<b>17-CT-031-Yadkin Valley Economic Development District, Inc.</b> (YVEDDI - operating as Yadkin Valley Public Transportation in Davie, Stokes, Surry, and Yadkin Counties) will use Admin funds to fund staff positions. Operating funds will allow the system to continue providing transit services for a Connector route and a Circulator route between Mt. Airy, Dobson and Elkin. Capital funds will be used to replace 9 vehicles that exceed the federal standard for useful life. Those replacements include: 8 20' LTV w/lift vans and 1 25' LTV w/lift van and a total of 9 propane conversion kits.		
11	<b>17-CT-086 Alleghany County</b> (operating as Alleghany in Motion) will use the funds to continue to provide public transportation services to human service agencies as well as the general public of Alleghany County. Funds will support the administrative expenses of Alleghany in Motion.		



11	17-CT-007 AppalCART will use the funds to provide fixed route bus service in the Boone Area serving the general public and Appalachian State University, provides county wide demand response service, and contracts with the Department of Social Services to provide Medicaid eligible transportation within and beyond Watauga County. The Administrative Grant funds the overhead needs to include administrative staff, Insurance for facility and vehicles, utilities, audit, repairs and maintenance of buildings, marketing. Operating: AppalCART receives a Community Transportation Grant to provide fixed route bus service in the Boone Area serving the general public and Appalachian State University, provides county wide demand response service, and contracts with the Department of Social Services to provide Medicaid eligible transportation within and beyond Watauga County. This funding cover a portion of the operating costs associated with these services.	\$	468,305	Total
		\$	374,644	Federal
		\$	23,415	State
		\$	70,246	Local
		Operating		
11		\$	2,385,866	Total
		\$	453,314	Federal
		\$	-	State
		\$	1,932,552	Local
11	017-CT-014 Ashe County Transportation Authority will use the 5311 Administrative funds to subsidize Community Transportation Service for citizens of Ashe County. These administrative funds make it possible to maintain an office facility in which service is rendered from and aids in funding salaries that provide admin functions pertinent to maintaining a transit system. Capital: These funds will be used for the purchase of 4 replacement vehicles. The benefits from these funds will make it possible to sustain a community transportation program which provides a much needed service to the citizens of Ashe County.	Administrative		
		\$	195,404	Total
		\$	156,323	Federal
		\$	9,770	State
		\$	29,311	Local
11		Capital		
		\$	204,000	Total
		\$	163,200	Federal
		\$	20,400	State
		\$	20,400	Local
11	17-CT-016 Avery County Transportation Authority will use the fund to ensure the administrative staff salaries and operations budget of the Avery County Transportation Authority remains intact in order to operate our community transportation system for the citizens of Avery County. Capital: These funds will be used to replace one vehicle that has met its useful life as well as replacement computers and office furniture.	Administrative		
		\$	226,600	Total
		\$	181,280	Federal
		\$	11,330	State
		\$	33,990	Local
11		Capital		
		\$	40,851	Total
		\$	32,680	Federal
		\$	4,085	State
		\$	4,086	Local
11	17-CT-066 Wilkes Transportation Authority will use the funds to provide public transportation for the citizens of Wilkes County. These trips consist of medical trips, shuttle trips, and rural general public trips. Capital: The funds will purchase one (1) vehicle that has met its useful life.	Administrative		
		\$	228,282	Total
		\$	182,625	Federal
		\$	11,414	State
		\$	34,243	Local
11		Capital		
		\$	29,500	Total
		\$	23,600	Federal
		\$	2,950	State
		\$	2,950	Local

		<b>Administrative</b>	
		\$ 298,232	Total
		\$ 238,585	Federal
		\$ 14,911	State
		\$ 44,736	Local
		<b>Capital</b>	
		\$ 481,055	Total
		\$ 384,844	Federal
		\$ 48,105	State
		\$ 48,106	Local
		<b>Administrative</b>	
		\$ 352,127	Total
		\$ 190,148	Federal
		\$ 109,159	State
		\$ 52,820	Local
		<b>Administrative</b>	
		\$ 201,478	Total
		\$ 161,182	Federal
		\$ 10,073	State
		\$ 30,223	Local
		<b>Capital</b>	
		\$ 377,000	Total
		\$ 301,600	Federal
		\$ 37,700	State
		\$ 37,700	Local
		<b>Administrative</b>	
		\$ 218,163	Total
		\$ 174,530	Federal
		\$ 10,908	State
		\$ 32,725	Local
		<b>Capital</b>	
		\$ 189,951	Total
		\$ 151,960	Federal
		\$ 18,994	State
		\$ 18,997	Local

12	<b>17-CT-045 Transportation Administration of Cleveland County</b> will use administrative funds to support the provision of community transportation services to human service agencies and to the general public. Capital funding will purchase eight (8) Lift Equipment High Top vehicles that exceeded their useful life.	
12	<b>17-CT-008 Gaston County</b> (operating as Gaston ACCESS) will use administrative funds to support the provision of community transportation services to human service agencies and to the general public. Capital funds will cover furniture and technology upgrade costs.	
12	<b>17-CT-024 Iredell County</b> (operating as Iredell County Area Transportation System - ICATS) will use administrative funds to support the provision of community transportation services to human service agencies and to the general public. Capital expenditures include two (2) replacement 20' LTV w/lift, one replacement 25' LTV w/lift and 3 replacements lift equipped high top vehicles with bike racks.	
12	<b>17-CT-087 Lincoln County</b> (operating as Transportation Lincoln County - TLC) will use administrative funds for support in providing community transportation services to human service agencies and to the general public. Capital funds purchase office equipment for office and replace four (4) 22' LTV's and one (1) lift equipped van that have all met useful life. This will allow TLC to continue to provide transportation for seniors and disabled clients.	

		<b>Administrative</b>	
		\$ 131,684	Total
		\$ 105,347	Federal
		\$ 6,584	State
		\$ 19,753	Local
		<b>Capital</b>	
		\$ 210	Total
		\$ 168	Federal
		\$ 21	State
		\$ 21	Local
		<b>Administrative</b>	
		\$ 181,696	Total
		\$ 145,356	Federal
		\$ 9,084	State
		\$ 27,256	Local
		<b>Capital</b>	
		\$ 37,059	Total
		\$ 29,647	Federal
		\$ 3,705	State
		\$ 3,707	Local
		<b>Administrative</b>	
		\$ 144,953	Total
		\$ 115,962	Federal
		\$ 7,247	State
		\$ 21,744	Local
		<b>Capital</b>	
		\$ 88,800	Total
		\$ 71,040	Federal
		\$ 8,880	State
		\$ 8,880	Local
		<b>Administrative</b>	
		\$ 351,562	Total
		\$ 165,234	Federal
		\$ 133,593	State
		\$ 52,735	Local
		<b>Capital</b>	
		\$ 544,315	Total
		\$ 209,016	Federal
		\$ 280,866	State
		\$ 54,433	Local

13	<b>17-CT-018 Madison County Transportation Authority</b> will use the administrative funds to continue to provide community transportation services to the general public as well as human service agencies in Madison County. Capital: The funds will be used to purchase seven (7) cell phones.	
13	<b>17-CT-010 Mitchell County Transportation Authority</b> will use the 5311 Administrative funds to subsidize Community Transportation Service for citizens of Mitchell County. These administrative funds make it possible to maintain an office facility in which service is rendered from and aids in funding salaries that provide administrative functions pertinent to maintaining a transit system. Capital funds will be used to replace one (1) vehicle that has met useful life as well as office and facility furniture and equipment that have met useful life.	
13	<b>17-CT-009 Yancey County Transportation Authority</b> will use the funds to help support the administrative activities that allow continues community transportation services to human service agencies as well as the general public of Yancey County. Capital: These funds will be used to replace two (2) vehicles that have met their useful life.	
14	<b>17-CT-002 Buncombe County</b> will use administrative funds for providing community transportation. Buncombe County will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of four light transit vehicles and 5 vans and other capital expenses.	

		<b>Administrative</b>	
	\$	176,966	Total
	\$	141,572	Federal
	\$	8,848	State
	\$	26,546	Local
		<b>Capital</b>	
	\$	117,000	Total
	\$	93,600	Federal
	\$	11,700	State
	\$	11,700	Local
		<b>Administrative</b>	
	\$	180,000	Total
	\$	144,000	Federal
	\$	9,000	State
	\$	27,000	Local
		<b>Capital</b>	
	\$	29,230	Total
	\$	23,384	Federal
	\$	2,923	State
	\$	2,923	Local
		<b>Administrative</b>	
	\$	117,304	Total
	\$	93,843	Federal
	\$	5,865	State
	\$	17,596	Local
		<b>Capital</b>	
	\$	104,950	Total
	\$	83,960	Federal
	\$	10,495	State
	\$	10,495	Local
		<b>Administrative</b>	
	\$	148,741	Total
	\$	118,992	Federal
	\$	7,437	State
	\$	22,312	Local
		<b>Capital</b>	
	\$	61,171	Total
	\$	48,936	Federal
	\$	6,117	State
	\$	6,118	Local

14	<b>17-CT-019 Cherokee County</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for two lift equipped vans and baseline technology.	
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14	<b>17-CT-020 Clay County</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of one minivan.	
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14	<b>17-CT-021 Eastern Band of Cherokee Indians</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of two minivans and other capital expenses.	
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14	<b>17-CT-079 Graham County</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of one light transit vehicle and baseline technology.	
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		<b>Administrative</b>	
	\$	188,534	Total
	\$	150,827	Federal
	\$	9,426	State
	\$	28,281	Local
		<b>Capital</b>	
	\$	193,590	Total
	\$	154,872	Federal
	\$	19,359	State
	\$	19,359	Local
		<b>Administrative</b>	
	\$	189,529	Total
	\$	151,623	Federal
	\$	9,476	State
	\$	28,430	Local
		<b>Capital</b>	
	\$	311,479	Total
	\$	249,183	Federal
	\$	31,147	State
	\$	31,149	Local
		<b>Administrative</b>	
	\$	206,573	Total
	\$	107,417	Federal
	\$	68,169	State
	\$	30,987	Local
		<b>Capital</b>	
	\$	117,400	Total
	\$	93,920	Federal
	\$	11,740	State
	\$	11,740	Local
		<b>Administrative</b>	
	\$	209,225	Total
	\$	167,380	Federal
	\$	10,461	State
	\$	31,384	Local
		<b>Capital</b>	
	\$	117,920	Total
	\$	94,336	Federal
	\$	11,792	State
	\$	11,792	Local

14	<b>17-CT-060 Jackson County</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for of two lift equipped vans and two minivans.	
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14	<b>17-CT-027 Macon County</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of two light transit vehicles, one minivan and two lift equipped vans.	
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14	<b>17-CT-070 Mountain Projects</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of two vans and technology improvements.	
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14	<b>17-CT-033 Polk County</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. The capitals funds will be used for replacement vehicles including two lift equipped vans and other capital expenses.	
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		<b>Administrative</b>	
		\$ 199,942	Total
		\$ 159,953	Federal
		\$ 9,997	State
		\$ 29,992	Local
		<b>Capital</b>	
		\$ 186,340	Total
		\$ 149,072	Federal
		\$ 18,634	State
		\$ 18,634	Local
		<b>Administrative</b>	
		\$ 127,131	Total
		\$ 101,704	Federal
		\$ 6,356	State
		\$ 19,071	Local
		<b>Administrative</b>	
		\$ 176,986	Total
		\$ 141,588	Federal
		\$ 8,849	State
		\$ 26,549	Local
		<b>Capital</b>	
		\$ 54,429	Total
		\$ 43,543	Federal
		\$ 5,442	State
		\$ 5,444	Local
		<b>Administrative</b>	
		\$ 257,698	Total
		\$ 206,158	Federal
		\$ 12,884	State
		\$ 38,656	Local
		<b>Capital</b>	
		\$ 167,400	Total
		\$ 133,920	Federal
		\$ 16,740	State
		\$ 16,740	Local
		<b>Operating</b>	
		\$ 56,181	Total
		\$ 28,090	Federal
		\$ -	State
		\$ 28,091	Local

14	<b>17-CT-068 Rutherford County</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. The capital funds will be used for replacement of three lift equipped high top vans and other capital expenses.	
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14	<b>17-CT-032 Swain County Focal Point on Aging</b> will use administrative funds for providing community transportation services to human service agencies and to the general public.	
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14	<b>17-CT-057-Transylvania County</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. The capital funds will be used for replacement of one van.	
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14	<b>17-CT-022 Western Carolina Community Action</b> will use administrative funds for providing community transportation services to human service agencies and to the general public. Capital Funds will be used for replacement of two vans and one lift equipped van. Operating funds will be used to operate several routes within the county.	
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		<b>Administrative</b>	
		\$ 491,593	Total
		\$ 393,274	Federal
		\$ 24,579	State
		\$ 73,740	Local
		<b>Capital</b>	
		\$ 54,965	Total
		\$ 43,972	Federal
		\$ 5,496	State
		\$ 5,497	Local
		<b>Administrative</b>	
		\$ 494,427	Total
		\$ 395,541	Federal
		\$ 24,721	State
		\$ 74,165	Local
		<b>Capital</b>	
		\$ 60,500	Total
		\$ 48,400	Federal
		\$ 6,050	State
		\$ 6,050	Local
		<b>Operating</b>	
		\$ 373,096	Total
		\$ 186,548	Federal
		\$ -	State
		\$ 186,548	Local
		<b>State Admin</b>	
		\$2,788,558	Total
		\$2,788,558	Federal
		<b>State Admin</b>	
		\$401,160	Total
		\$401,160	Federal
		<b>5311 - Appalachian Development Community Transportation Program</b>	
		<b>Capital</b>	
		\$ 404,789	Total
		\$ 323,831	Federal
		\$ 40,479	State
		\$ 40,479	Local
1 & 4	<b>17-CT-023 Choanoke Public Transportation Authority</b> will use the Admin funds to provide services to the elderly and handicapped citizens, Rural General Public, and Human Services transportation in Bertie, Halifax, Hertford, and Northampton counties. The Capital funds will be used to purchase a fireproof filing cabinet, office chair, multi-functional copier, spare vehicle parts for the maintenance shop, and a snow plow.		
11,12, & 13	<b>17-CT-080-Western Piedmont Regional Transportation Authority</b> will use the funds to pay for non-operating administrative expenses incurred in FY 2017. WPRTA is a consolidated urban-rural system. The WPRTA Administrative expenses will be split between rural and urban eligible expenses. The split will be calculated based on urban-rural miles and hours from FY 2015 OPSTAT report. Capital: These funds will be used to pay for one replacement vehicle that has met its useful life. Operating: These funds will be used to pay for rural-operating expenses incurred for deviated fixed routes in FY 2017.		
Statewide	<b>NCDOT-PTD State Administration</b> - The Public Transportation Division will provide subrecipient monitoring and oversight and provide technical assistance in the development of projects and plans for small urban and rural areas.		
Statewide	<b>NCDOT-PTD Rural Transit Assistance Program (RTAP)</b> -The Public Transportation Division will provide planning assistance in the development of projects and plans for rural areas.		
11	<b>17-AD-007 AppalCART</b> will use the funds to purchase automatic passenger counters for their vehicles that provide their fixed-route service. They will also purchase scheduling software that will be used to not only improve services for AppalCART but for Ashe County Transportation as well. This purchase will also improve coordination between the two systems, thus encouraging regional transportation efforts.		

			<b>Capital</b>	
		\$ 1,606,011	Total	
11	<b>17-AD-007 AppalCART</b> capital funding will be used to replace 3-4 vehicles that have met useful life, 2 computers that have met useful life, and vehicle spare parts.	\$ 1,284,808	Federal	
		\$ 160,601	State	
		\$ 160,602	Local	
			<b>Capital</b>	
		\$ 93,770	Total	
14	<b>17-AD-079-Graham County</b> will use capital funds to purchase advanced technology items.	\$ 75,016	Federal	
		\$ 9,377	State	
		\$ 9,377	Local	
			<b>Capital</b>	
		\$ 112,990	Total	
14	<b>17-AD-070-Mountain Projects</b> will capital funds to purchase advanced technology items.	\$ 90,392	Federal	
		\$ 11,299	State	
		\$ 11,299	Local	
			<b>Capital</b>	
		\$ 17,263	Total	
14	<b>17-AD-033-Polk County</b> will use capital funds to purchase advanced technology items.	\$ 15,536	Federal	
		\$ 863	State	
		\$ 864	Local	
			<b>Administrative</b>	
		\$ 75,596	Total	
14	<b>17-AD-022- Western Carolina Community Action</b> will use capital funds to purchase advanced technology items	\$ 60,476	Federal	
		\$ 7,560	State	
		\$ 7,560	Local	
			<b>State Admin</b>	
Statewide	<b>NCDOT-PTD State Administration</b> - The Public Transportation Division will provide subrecipient monitoring and oversight and provide technical assistance in the development of projects and plans for small urban and rural areas.	\$185,006	Total	
		\$185,006	Federal	



### 5311(f) InterCity Bus

7,9,  
10,11 &  
12

Sunway Charters dba **Trolley's Inc.** requests funds to provide InterCity Bus service for two (2) defined Routes: from **Greensboro to Boone** Service - from Boone to Greensboro: both directions, and from **Charlotte to Boone**. The InterCity Bus grant is a 2 year award.

Operating		
\$	1,898,617	Total
\$	949,309	Federal
\$	949,308	State
\$	-	Local

1, 2, 3, 4,  
5, 6, 8 &  
10

**Greyhound Lines, Inc.** requests funds to provide InterCity Bus service for six (6) defined routes: **from Raleigh to Norfolk, VA along US 64, US 264, US 301, and US 17** with stops at Raleigh, Rocky Mount, Wilson, Greenville, Washington, Williamston, Edenton, Elizabeth City, and Norfolk, VA; **from Raleigh to Norfolk, VA along US 64 and US 258** with stops at Raleigh, Rocky Mount, Ahoskie, and Norfolk, VA; **from Raleigh to Wilmington along US 70, I-40, and US 117** with stops at Raleigh, Smithfield, Goldsboro, Wallace, and Wilmington; **from Raleigh to Jacksonville along US 70 and US 17** with stops at Raleigh, Smithfield, Goldsboro, Kinston, New Bern, and Jacksonville; **from Raleigh to Myrtle Beach, SC.** Service will operate over two runs, Raleigh—Wilmington--Jacksonville, along US 70, I-40, US 117; and US 17, and Jacksonville—Myrtle Beach, SC, along US 17 with transfers between the routes in Wilmington. The Raleigh—Wilmington--Jacksonville run will have stops at Raleigh, Smithfield, Goldsboro, Wallace, Wilmington, and Jacksonville. The Jacksonville—Myrtle Beach, SC run will have stops in Jacksonville, Wilmington, and Myrtle Beach, SC; **from Charlotte to Wilmington, NC** through Fayetteville. The InterCity Bus grant is a 2 year award. Local match is an In-kind match from FTA.

Operating		
\$	6,924,556	Total
\$	3,462,278	Federal
\$	-	State
\$	3,462,278	Local

### 5339 BUS AND BUS FACILITIES

7

**17-ED-041 Alamance County Transportation Authority** will use Capital funds are proposed to upgrade ACTA's fleet by replacing 3 vehicles that have met useful life and are used to provide transit services for citizens in the small urbanized and rural areas of the County. Additionally, these vehicles will be used to provide coordinated transit services for seniors and individuals with disabilities.

Capital		
\$	178,171	Total
\$	142,536	Federal
\$	17,817	State
\$	17,818	Local

4

**17-CT-043 City of Rocky Mount** will use The Capital funds will be used to purchase (1) lift-equipped High-top vehicle and the logo and lettering.

Capital		
\$	59,000	Total
\$	47,200	Federal
\$	5,900	State
\$	5,900	Local

12

**17-CT-008 Gaston County** (operating as Gaston ACCESS) will use administrative funds to support the provision of community transportation services to human service agencies and to the general public. Capital funds will cover furniture and technology upgrade costs.

Capital		
\$	15,850	Total
\$	12,680	Federal
\$	1,585	State
\$	1,585	Local

12

**17-ED-008 Gaston County Transportation** will use funding to replace three (3) 25' LTVs; two 20' LTVs and two (2) minivan/crossover vehicles that have met useful life.

Capital		
\$	404,000	Total
\$	323,200	Federal
\$	40,400	State
\$	40,400	Local

					<b>Capital</b>	
4	<b>17-CT-047 Goldsboro-Wayne Transportation Authority</b> will use capital funds to replace one vehicle (22' LTV w/ lift).		\$	63,500	Total	
			\$	50,800	Federal	
			\$	6,350	State	
			\$	6,350	Local	
					<b>Capital</b>	
7	<b>17-CT-049 Guilford County</b> (operating as Transportation and Mobility Services of Guilford) will use the Capital funds to update the system's fleet by replacing 5 vehicles that have mileages that exceed useful life. Additionally mobile data devices will be replaced to ensure network compatibility because of county-wide network changes.		\$	410,150	Total	
			\$	104,998	Federal	
			\$	264,136	State	
			\$	41,016	Local	
					<b>Capital</b>	
3	<b>17-ED-055 Onslow United Transit System</b> will use the capital funding for three replacement vehicles (20' Light Transit Vehicle w/wheelchair lift (2); Lift-Equipped High-top (1) and vehicle lettering and logos.		\$	175,400	Total	
			\$	140,320	Federal	
			\$	17,540	State	
			\$	17,540	Local	
					<b>Capital</b>	
7	<b>17-CT-056 Orange County</b> (operating as Orange County Public Transportation - OPT) will use capital funds to replace two vehicles that have met useful life with two lift equipped 28' Light Transit Vehicles. They are also using capital funds to replace two radio units that have met useful life for the two vehicles.		\$	211,188	Total	
			\$	119,954	Federal	
			\$	70,114	State	
			\$	21,120	Local	

#### Travelers' Aid Program - State Funded

					<b>Administrative</b>
	3	<b>17-TA-052 Cape Fear Public Transportation Authority (CFPTA)</b> will use funds to help individuals/families in the Wilmington community gain access to affordable transportation, especially during times of crisis. CFPTA established the Making Waves Foundation. The Foundation is a 501(c) 3 organization formed to provide transportation fare subsidies to local nonprofits and community organizations that provide assistance to members of the community who do not have access to affordable transportation.	\$	10,000	Total
			\$	-	Federal
			\$	5,000	State
			\$	5,000	Local
					<b>Administrative</b>
	10	<b>17-TA-005 Community Link, Programs of Travelers Aid of Central Carolinas</b> will use funds to provide discounted Greyhound vouchers to assist individuals escaping domestic violence, homeless due to recently being released from jail, or experiencing a major medical crisis who need relocation to a safe, stable, and supportive home	\$	39,000	Total
			\$	-	Federal
			\$	19,500	State
			\$	19,500	Local
					<b>Administrative</b>
	3	<b>17-TA-009 New Hanover Domestic Violence Shelter and Services</b> will use funds to help individuals/families who have to leave their homes because of violence. Often it is not safe for these individuals/families to remain in the Wilmington area for fear of continued violence or harm. Funds will allow the agency to help victims relocate to a safer place.	\$	3,000	Total
			\$	-	Federal
			\$	1,500	State
			\$	1,500	Local
					<b>Administrative</b>
	3	<b>17-TA-055 Onslow United Transit System</b> will use funds to help provide a resource to transport citizens of Onslow County to areas outside of the county to enable them to find support, housing, sufficient medical assistance and also provide resources that will transport victims of domestic violence out of Onslow County away from their situation.	\$	5,000	Total
			\$	-	Federal
			\$	2,500	State
			\$	2,500	Local

9	<b>17-TA-125 Piedmont Triad Regional Council</b> will use funds to purchase local and regional public transit bus passes, ride tickets and/or other transportation vouchers through contracts/memoranda of agreement with providers. Transportation services will be financially supported for disadvantaged former offenders and court-involved participants who are transitioning back into the community.			
			<b>Administrative</b>	
		\$	34,500	Total
		\$	-	Federal
		\$	17,250	State
2	<b>17-TA-126 Religious Community Services</b> will use funds to provide transportation to the residents of Craven, Jones, and Pamlico counties. They will send domestic abuse victims to safe places that their abusers could not find. They also want to help the homeless living in their shelter to gain transportation to larger cities with greater job opportunities.			
			<b>Administrative</b>	
		\$	20,000	Total
		\$	-	Federal
		\$	10,000	State
5	<b>17-TA-063 Wake County Human Services</b> will use funds to assist individuals and families who are in transition or crisis and are disconnected from their support systems. Travelers Aid provides a resource to people who are homeless, unemployed, have serious medical issues, or are in a domestic violence situation connect with family or friends who can help support them in their current time of need.			
			<b>Administrative</b>	
		\$	15,000	Total
		\$	-	Federal
		\$	7,500	State
		\$	7,500	Local

**Item I - 1 Summary, 242 Projects, Total Federal /State funds \$45,159,746**

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

**ADDITIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TO-5209	Piedmont Authority for Regional Transportation	Operating – Fixed Route in Greensboro Urbanized Area	FUZ	5307		250	250	250	250	250	250
			Local	L		250	250	250	250	250	250
		CONTINUED			<b>FY23</b>	<b>FY24</b>	<b>FY25</b>				
			FUZ	5307	250	250	250				
			Local	L	250	250	250				
TQ-6955	Western Piedmont Regional Transportation Authority	Capital – Purchase of Service	FEPD	5310		203					
			Local	L		51					
TQ-7008	Western Piedmont Regional Transportation Authority	5310 Program Administration	FEPD	5310		23					
TG-5264	Western Piedmont Regional Transportation Authority	Routine Capital	FUZ	5307	60	60	60				
			Local	L	15	15	15				
TA-5187	Western Piedmont Regional Transportation Authority	Replacement Vans	FUZ	5307		48	336				
			Local	L		12	84				
TA-5188	Western Piedmont Regional Transportation Authority	Replacement Bus	FUZ	5307			360				
			Local	L			90				
TC-5101	Western Piedmont Regional Transportation Authority	Mobility Manager	FUZ	5307	126	126	126				
			Local	L	31	31	31				

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TA-5189	Western Piedmont Regional Transportation Authority	Replacement Bus	FBUS	5339		360	360				
			Local	L		90	90				
TA-5190	Greenville Transit System	Purchase of Two 35' Replacement Hybrid Buses	FBUS	5339		1040					
			Local	L		260					
TA-5191	Craven Area Rural Transit System	Purchase Three Replacement Vehicles	FBUS	5339		148					
			Local	L		26					
TA-5192	Tar River Transit	Purchase Two Replacement Vehicles	FBUS	5339		935					
			Local	L		165					
TA-5193	GoTriangle	Purchase One Replacement Vehicle	FBUS	5339		380					
			Local	L		95					
TA-5194	Piedmont Authority for Regional Transportation	Purchase One Replacement Vehicle	FBUS	5339		400					
			Local	L		100					
TA-5195	GoTriangle	Purchase One Replacement Vehicle	JARC	5316		380					
			Local	L		95					
TA-5196	Piedmont Authority for Regional Transportation	Purchase One Replacement Vehicle	JARC	5316		400					
			Local	L		100					

**MODIFICATIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TO-4971	Greensboro Transit Authority	Operating – Fixed Route	FUZ	5307	1493	1243	1243	1243	1243	12433	1243
			Local	L	1493	1243	1243	1243	1243	1243	1243
			SMAP	S	1628	1628	1628	1628	1628	1628	1628
			Local	L	1628	1628	1628	1628	1628	1628	1628
		CONTINUED			<b>FY23</b>	<b>FY24</b>	<b>FY 25</b>				
			FUZ	5307	1243	1243	1243				
			Local	L	1243	1243	1243				
			SMAP	S	1628	1628	1628				
			Local	L	1628	1628	1628				

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TA-4771	Greensboro Transit Authority	Clean Fuel Replacement Buses	CMAQ	CMAQ	1793	1477					
			State	S	224	185					
			Local	L	244	369					
TD-4708	Fayetteville Area System of Transit	Facility-MultiModal Transit Center-Construction	FUZ	5307	240						
			Local	L	60						
TA-4743B	Fayetteville Area System of Transit	Replacement Paratransit Vans	FUZ	5307		400	400	140		570	428
			State	S		39	39	13		55	41
			Local	L		43	43	16		62	46
					<b>FY23</b>						
		CONTINUED	FUZ	5307	576						
			State	S	55						
			Local	L	63						
TA-5139	Fayetteville Area System of Transit	Elderly and Disabled Projects (Non-Traditional)	FEPD	5310	100	100	100	100	100	100	100
			Local	L	25	25	25	25	25	25	25
					<b>FY23</b>						
		CONTINUED	FEPD	5310	100						
			Local	L	25						
TA-4743	Fayetteville Area System of Transit	Replacement of Light Transit Vehicles (<30 ft)	FUZ	5307		199		146			
			State	S		19		14			
			Local	L		22		16			
TQ-6514	Fayetteville Area System of Transit	Elderly and Disabled Projects (Traditional)	FEPD	5310	125	125	125	125	125	125	125
			Local	L	31	31	31	31	31	31	31
					<b>FY23</b>						
		CONTINUED	FEPD	5310	125						
			Local	L	31						
TP-5103B	Fayetteville Area System of Transit	Planning Assistance - 5307	FUZ	5307	306	360	360	360	360	360	360
			State	S	38	45	45	45	45	45	45
			Local	L	38	45	45	45	45	45	45
					<b>FY23</b>						
		CONTINUED	FUZ	5307	360						
			State	S	45						
			Local	L	45						

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**DELETIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-4743A	Fayetteville Area System of Transit	Replacement Light Transit Vehicles (<30 ft)	FBUS	5339				187			
			FUZ	5307		187				187	
			State	S		18		18		18	
			Local	L		20		21		20	

Item I-1B, 23 Projects, Total Federal/State funds \$59,748,000

**ADDITIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TK-6180	North Carolina Department of Transportation	5311 Administrative Projects for Rural Areas	FNU	5311		13,418				
			State	S		1,859				
			Local	L		2,696				
TO-6135	North Carolina Department of Transportation	5311 Operating Projects for Rural Areas	FNU	5311		1,177				
			Local	L		3,116				
TA-6665	North Carolina Department of Transportation	5311 Capital Projects for Rural Areas	FNU	5311		8,879				
			State	S		1,762				
			Local	L		1,182				
TQ-9038	North Carolina Department of Transportation	5310 Capital Projects for Rural Areas	FEPD	5310		2,580				
			State	S		323				
			Local	L		323				
TQ-9039	North Carolina Department of Transportation	5310 Mobility Management Projects for Rural Areas	FEPD	5310		336				
			State	S		42				
			Local	L		42				
TQ-6954	North Carolina Department of Transportation	5310 Operating Projects for Rural Areas	FEPD	5310		1,239				
			State	S		866				
			Local	L		2,104				
TC-5004	North Carolina Department of Transportation	5311 ADTAP Capital Projects for Rural Areas	ADTAP	5311		1,850				
			State	S		230				
			Local	L		230				
TA-6666	North Carolina Department of Transportation	Purchase Replacement Vehicles	FBUS	5339		942				
			State	S		433				
			Local	L		152				
TK-6180	North Carolina Department of Transportation	Administrative Project for Human Service Agency	HSA	S		19				
			Local	L		3				



TO-5210	Cape Fear Public Transportation Authority	Operating Assistance for express fixed route serving Forden and Downtown Stations	JARC	5316	184					
			Local	L	184					
TO-5211	AppalCART	Operating Assistance for a route that includes the community college, student housing and businesses off NC Hwy 105	JARC	5316	303					
			Local	L	303					

**MODIFICATIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TK-4900Z	North Carolina Department of Transportation	State Administration – Rural Area General Public Transportation Services	FNU	5311		2,789				
TS-4900Z	North Carolina Department of Transportation	Statewide Training and Support services RTAP (rural, small urban, and paratransit)	FNU	5311		401				
TV-4903	North Carolina Department of Transportation	State Administration – Elderly and Disabled Persons (5310)	FEPD	5310		415				
TK-4902	North Carolina Department of Transportation	State Administration of Appalachian Development Transportation Assistance Program	ADTAP	5311		185				
TI-6109	North Carolina Department of Transportation	Intercity Bus Service	FNU	5311		4,412				
			State	S		949				
			Local	Fares		3,462				

**ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)
TA-5190	Greenville Transit System	Purchase of Two 35' Replacement Hybrid Buses	FUZ	5307		1040				
			Local	L		260				
TA-5193	GoTriangle	Purchase One Replacement Vehicle	FUZ	5307		380				
			Local	L		63				
TA-5194	Piedmont Authority for Regional Transportation	Purchase One Replacement Vehicle	FUZ	5307		400				
			Local	L		100				

Item I-1A, 19 Projects, Total Federal/State funds \$47,413,000

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

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide	<p>The Rail Division requests approval to award a contract to the most responsive bidder for the refurbishment of one used baggage / lounge railcar, and two used coaches. The refurbished railcars will be used in daily Piedmont passenger service. CMAQ funding has been provided by the Federal Highway Administration (FHWA) for this project not to exceed \$6,000,000. The project will be paid for with 80% Federal funds and 20% state fund match. All equipment will be refurbished to meet or exceed all current Amtrak, Federal Railroad Administration and ADA standards.</p> <p>TIP No. C-5600A</p>	\$6,000,000
Division 4 Edgecombe County	<p>The Rail Division requests a portion of Board reallocation of unused Freight Rail &amp; Rail Crossing Safety Improvement funds from the completed project at Crossing 465 920M, MP NS 255.18 (WBS 80000.2.1.1) to supplement the mitigation of the construction of gates with locks of the at-grade Crossing 629 772C, MP AB 121.31 at Washington Street. The Department will be responsible for the design and construction of the project.</p> <p>TIP No. Y-4804A</p>	\$3,000
Division 8 Moore County	<p>The Rail Division requests a portion of Board reallocation of unused Freight Rail &amp; Rail Crossing Safety Improvement funds from the completed project at Crossing 465 920M, MP NS 255.18 (WBS 80000.2.1.1) to right of way acquisition necessary for the closure of the at-grade Crossing 465 761H, MP ACWR 43.6 at Mode Road. The Department will be responsible for the design and construction of the project.</p> <p>TIP No. Y-4808C</p>	\$5,000
Division 10 Cabarrus County	<p>The Rail Division requests Board approval of Freight Rail &amp; Rail Crossing Safety Improvement funds in order to increase the existing commitment to finance the costs of constructing rail industrial access track to serve Project Burgundy. The company is developing a new facility in Cabarrus County. The company proposes to create a minimum of 49 jobs during the first two years and invest a total of \$40 million for the project. They anticipate shipping over 200 carloads of rail freight per year and require rail access in order to develop the Cabarrus County site. Funding is contingent on a completed Rail Industrial Access application, an environmental review, a construction schedule that complies with grant requirements, all other Rail Industrial Access Program/Freight Rail &amp; Rail</p>	\$21,000

Crossing Safety Improvement program requirements being satisfied, and on implementation of transportation improvements necessary to protect the safety of contractors and employees of Project Burgundy. The initial request of \$179,000 was approved by the Board of Transportation on January 7, 2016. The additional amount requested is \$21,000. The total cost to the Rail Division is estimated to be 35%, not to exceed \$200,000 of the estimated \$1,125,000 construction cost.

**ITEM I-2 SUMMARY – 4 PROJECTS – (TOTAL FEDERAL AND STATE) \$6,029,000**

**NCDOT March 2016 Board of Transportation Agenda**  
**Division of Bicycle and Pedestrian Transportation Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Currituck County Division 1	<b>Currituck County</b> Pedestrian Plan Population 23,547 NCDOT Share 70% - \$53,000 Local30%- \$18,000	\$71,000 \$29,444 \$23,556 \$18,000	Total Federal State Local
Carolina Beach New Hanover Division 3	<b>Town of Carolina Beach</b> Pedestrian Plan Population 5,986 NCDOT Share 80% - \$43,000 Local 20% - \$8,000	\$51,000 \$23,889 \$19,111 \$8,000	Total Federal State Local
Fayetteville Cumberland Division 6	<b>City of Fayetteville</b> Pedestrian Plan Population 204,000 NCDOT Share 50%- \$66,000 Local50%- \$55,000	\$121,000 \$36,667 \$29,333 \$55,000	Total Federal State Local
Carthage Moore Division 8	<b>Town of Carthage</b> Bicycle/Pedestrian Plan Population 2,289 NCDOT Share 90%- \$47,000 Local10%- \$4,000	\$51,000 \$26,111 \$20,889 \$4,000	Total Federal State Local
Cramerton Gaston Division 12	<b>Town of Cramerton</b> Bicycle Plan Population 4,279 NCDOT Share 90% - \$36,000 Local 10% - \$4,000	\$51,000 \$26,111 \$20,889 \$4,000	Total Federal State Local
Newton Catawba Division 12	<b>City of Newton</b> Pedestrian Plan Population 13,018 NCDOT Share 70%-\$42,000 Local30%- \$18,000	\$71,000 \$29,444 \$23,556 \$18,000	Total Federal State Local
Spindale Rutherford Division 13	<b>Town of Spindale</b> Bicycle/Pedestrian Plan Population 4,285 NCDOT Share 90% - \$36,000 Local10%- \$4,000	\$51,000 \$26,111 \$20,889 \$4,000	Total Federal State Local
Flat Rock Henderson Division 14	<b>Village of Flat Rock</b> Bicycle/Pedestrian Plan Population 3,200 NCDOT Share 90% - \$36,000 Local 10% - \$4,000	\$51,000 \$26,111 \$20,889 \$4,000	Total Federal State Local
Laurel Park Henderson Division 14	<b>Town of Laurel Park</b> Bicycle/Pedestrian Plan Population 2,211 NCDOT Share 90% - \$36,000 Local10%- \$4,000	\$51,000 \$26,111 \$20,889 \$4,000	Total Federal State Local

Regional Bicycle Planning Program			
Cleveland, McDowell, Polk and Rutherford counties Divisions 12, 13 and 14	Board approval is requested for the Isothermal Regional Bike Plan. The project consists of the Isothermal Planning and Development Commission and selected consultant producing a bicycle plan for the Isothermal region. The study area will include the counties of Cleveland, McDowell, Polk and Rutherford, as well as potentially the municipalities of Belwood, Boiling Springs, Bostic, Casar, Chimney Rock, Columbus, Earl, Ellenboro, Fallston, Forest City, Grover, Kings Mountain, Kingstown, Lake Lure, Lattimore, Lawndale, Marion, Mooresboro, Old Fort, Patterson Springs, Polkville, Ruth, Rutherfordton, Saluda, Shelby, Spindale, Tryon and Waco. The work to be accomplished includes data collection and analysis, public outreach, facility and route system development, prioritization, plan adoption and implementation. Significant work will be done coordinating with the local partners to sustain and develop the system over time. The estimated cost of the project is \$270,662, which includes expected consultant costs, COG administrative expenses and NCDOT staff time to manage the project. The project will be funded by state regional bicycle planning funds. (WBS 41794.12)	\$270,662	State

**ITEM 1-3 SUMMARY -10 PROJECTS- (TOTAL FEDERAL,\_ STATE AND LOCAL) \$839,662**

**NCDOT March 2016 Board of Transportation Agenda**  
**Aviation Program**

No Board Items for March 2016

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mecklenburg Co. Div. 10 U-5526 STATEWIDE	WBS 50081.1.TF1 US 74 (Independence Boulevard) from I-277 to I-485. \$1,385,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$360,000.00
<b>ITEM J SUMMARY</b>	<b>1 PROJECT</b>	<b>\$360,000.00</b>

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Carteret Co. Div. 2 AV-5746 DIVISION	WBS 46340.3.1 Michael J. Smith Field (MRH), Full parallel taxiway 8-26. Initial funds are requested for construction.	\$2,297,550.00
Lenoir Co. Div. 2 P-5602E DIVISION	WBS 46393.1.5 Global TransPark to Elmer (CSX-LINE). Initial funds are requested for preliminary engineering.	\$100,000.00
Sampson Co. Div. 3 R-2303E SW/DIV	WBS 34416.1.S1 NC 24 from US 421 - 701 / SR 1296 (Sunset Avenue) to west of SR 1920 (Moltonville Road). \$387,599.00 has previously been approved for preliminary engineering. Additional funds are requested using Division Tier funding.	\$1,000,000.00
Wake Co. Div. 5 B-5940 STATEWIDE	WBS 46485.1.1 US 70 / NC 50 (Glenwood Avenue). Rehabilitate Bridges # 84 and #91 over Crabtree Creek in Raleigh. Initial funds are requested for preliminary engineering.	\$75,000.00
Wake Co. Div. 5 P-5602B STATEWIDE	WBS 46393.1.2 CSX - Durham/Apex/Cary Rail study. Initial funds are requested for preliminary engineering.	\$50,000.00



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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 P-5707 REGIONAL	WBS 44643.1.1 CSX S Line. Grade separation at Rogers Road Extension Crossing (633 905Y) in Wake Forest. Initial funds are requested for preliminary engineering.	\$500,000.00
Alamance Co. Div. 7 U-5538B DIVISION	WBS 44113.3.2 Access road from SR 1981 (Trollingwood - Hawfields Road) to industrial site. \$910,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. <b>This is an economic development project.</b>	\$185,000.00
Guilford Co. Div. 7 P-5602D STATEWIDE	WBS 46393.1.4 Ward Boulevard grade separation on NCRR in Greensboro. Initial funds are requested for preliminary engineering.	\$200,000.00
Guilford Co. Div. 7 P-5602G STATEWIDE	WBS 46393.1.7 Hilltop Road. Grade separation over the NCRR in Greensboro. Initial funds are requested for preliminary engineering.	\$200,000.00
Orange Co. Div. 7 P-5602F STATEWIDE	WBS 46393.1.6 Dimmocks Mill Road. Grade separation under the NCRR in Hillsborough. Initial funds are requested for preliminary engineering.	\$150,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Randolph Co. Div. 8 P-5602H STATEWIDE	WBS 46393.1.8 Construct a new siding (Norfolk Southern) at Sophia to move cars out to High Point yard. Initial funds are requested for preliminary engineering.	\$50,000.00
Davidson Co. Div. 9 I-5740 STATEWIDE	WBS 52021.1.1 I-85 from 1.7 miles north of SR 2205 (Old US 64) to 0.3 mile north of US 64. Initial funds are requested for preliminary engineering.	\$50,000.00
Davidson Co. Div. 9 P-5602C STATEWIDE	WBS 46393.1.3 7th Avenue grade separation in Lexington. Initial funds are requested for preliminary engineering.	\$150,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579AA REGIONAL	WBS 34839.1.7 Winston-Salem Northern Beltway Eastern Section from US 311 to I-40. Initial funds are requested for preliminary engineering.	\$1,300,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579AB REGIONAL	WBS 34839.1.8 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. Initial funds are requested for preliminary engineering.	\$3,000,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Rowan Co. Div. 9 I-5741 STATEWIDE	WBS 52022.1.1 I-85 from US 601 to 0.5 mile south of US 52 in Salisbury. Initial funds are requested for preliminary engineering.	\$50,000.00
Union Co. Div. 10 U-5808 DIVISION	WBS 44381.1.1 SR 1362 (Chestnut Lane Connector) from SR 1367 (Matthews Indian Trail Road) to SR 1368 (Gribble Road). \$300,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$750,000.00
Caldwell Co. Div. 11 U-5776 REGIONAL	WBS 50187.1.1 Intersection of SR 1106 (Duke Street) and US 321A in Granite Falls. Realign intersection. \$50,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00
Wilkes Co. Div. 11 R-5772 DIVISION	WBS 44692.1.1 SR 1001 (Oakwoods Road) from US 421 to NC 268 (East Main Street). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Yadkin Co. Div. 11 R-5773 DIVISION	WBS 44693.1.1 SR 1605 (East Main Street) From US 601 to SR 1765 (UNIFI Industrial Road). Initial funds are requested for preliminary engineering.	\$500,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.1.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to SR 1556 (Martins Creek Road). \$250,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$160,000.00
Henderson Co. Div. 14 R-5207C DIVISION	WBS 45393.2.5 SR 1006 (Howard Gap Road) from SR 1539 (Jackson Road) to US 25 in Fletcher. Initial funds are requested for full right of way and utilities. <b>This is a Strategic Transportation Investments Transition project.</b>	\$225,000.00
Henderson Co. Div. 14 U-5886 DIVISION	WBS 44710.1.1 SR 1170 (White Street) from SR 1171 (Willow Road) to US 176 (Spartanburg Highway). Initial funds are requested for preliminary engineering.	\$720,000.00
Statewide M-0479 SW/REG/DIV	WBS 46314.1.S1 Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects. \$635,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. Additional funds are requested using 40% Statewide (\$64,000.00)/ 30% Regional (\$48,000.00) / 30% Division (\$48,000.00) Tier funding.	\$160,000.00

**K-6**

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	9 PROJECTS	\$975,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	4 PROJECTS	\$5,000,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	9 PROJECTS	\$5,937,550.00
STATEWIDE/REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$160,000.00
STATEWIDE/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$1,000,000.00
<b>STRATEGIC TRANSPORTAION INVESTMENTS</b>	<b>24 PROJECTS</b>	<b>\$13,072,550.00</b>

**March 3, 2016**

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
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. \$7,545,302.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$295,000.00
Wayne/ Lenoir Cos. Div.2/ 4 R-2554 STATEWIDE	WBS 34461.1.4 US 70 (Goldsboro Bypass) from west of NC 581 in Wayne County to east of SR 1323 (Promise Land Road) in Lenoir County. \$367,544.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00
Avery/ Watauga Cos. Div. 11 R-2566 STATEWIDE	WBS 37512.1.1 NC 105 from US 221 to SR 1107 (NC 105 Bypass) in Boone. \$2,847,425.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$175,000.00
McDowell Co. Div. 13 R-2597C STATEWIDE	WBS 35608.1.2 US 221 from SR 1781 (Polly Sprout Road) northern intersection to SR 1153 (Goose Creek Road). \$400,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$398,333.71). Project is being deleted. WBS will be closed.	-\$398,333.71
<b>TRUST FUND INTRASTATE SUMMARY</b>	<b>4 PROJECTS</b>	<b>\$371,666.29</b>
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>24 PROJECTS</b>	<b>\$13,072,550.00</b>
<b>TRUST FUND INTRASTATE SUMMARY</b>	<b>4 PROJECTS</b>	<b>\$371,666.29</b>
<b>SUMMARY OF FUNDS</b>	<b>28 PROJECTS</b>	<b>\$13,444,216.29</b>

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

**March 3, 2016**

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

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide SS-4915C	WBS 44739.3.1 Initial construction funds are needed to add security cameras to rest areas in rest room lobbies to enhance public safety.	\$150,000.00
Bertie Co. Div. 1 SS-4901AT	WBS 44616.3.1 US 13/17 Bypass at SR 1100 (Grabtown Road). Initial construction funds are needed for traffic signal revisions. File 01-15-37636C	\$13,500.00
Bertie Co. Div. 1 SS-4901AU	WBS 44617.3.1 US 17 at NC 45. Initial construction funds are needed for traffic signal revisions to provide a Dynamic Red Extension system. File 01-15-37634C	\$18,000.00
Greene/ Pitt Cos. Div. 2 SS-4902CC	WBS 44619.3.1 NC 903 between US 13/258 in Greene County and 415 feet south of SR 1114 (Roundtree Road) in Pitt County. Initial construction funds are needed for pavement marking installation. File 02-15-34994C	\$18,900.00
Pitt Co. Div. 2 SS-4902CB	WBS 44618.3.1 NC 903 from SR 1114 (Roundtree Road) to NC 11. Initial construction funds are needed for widening, resurfacing, and pavement marking installation. File 02-15-37502C	\$180,000.00

**NCDOT March 2016 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Brunswick Co. Div. 3 SS-4903CE	WBS 44620.2.1 NC 130 (Whiteville Road) and SR 1321 (Longwood Road)/ SR 1330 (Waccamaw School Road). Initial right of way and utilities funds are needed for intersection improvements. File 03-15-11810R	\$22,500.00
Brunswick Co. Div. 3 SS-4903CE	WBS 44620.3.1 NC 130 (Whiteville Road) and SR 1321 (Longwood Road)/ SR 1330 (Waccamaw School Road). Initial construction funds are needed for intersection improvements. File 03-15-11810C	\$292,500.00
Brunswick Co. Div. 3 SS-4903CF	WBS 44621.3.1 US 17. Initial construction funds are needed for warning flasher revisions. File 03-15-35680C	\$7,425.00
Sampson Co. Div. 3 SS-4903CG	WBS 44622.3.1 SR 1308 (Boone Road) approximately 0.2 mile south of SR 1316 (Murphy Road). Initial construction funds are needed for guardrail installation. File 03-15-35682C	\$11,790.00
Sampson Co. Div. 3 SS-4903CH	WBS 44623.3.1 US 701 (Hobbton Highway) just north of SR 1724 (Kenan Weeks Road). Initial construction funds are needed for ditch improvements. File 03-15-37468C	\$20,295.00



**NCDOT March 2016 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Halifax Co. Div. 4 SS-4904DO	WBS 44626.3.1 NC 4 between 0.40 mile north of SR 1308 (Stansbury Road) and 2.0 miles south of SR 1301 (Ferguson Street). Initial construction funds are needed for roadside improvements. File 04-15-36879C	\$13,500.00
Johnston Co. Div. 4 SS-4904DN	WBS 44624.3.1 NC 96 at SR 1938 (Little Devine Road). Initial construction funds are needed for all way stop installation and overhead flasher revisions. File 04-15-35517C	\$45,000.00
Johnston Co. Div. 4 SS-4904DP	WBS 44627.3.1 NC 42 at NC 96. Initial construction funds are needed for roadside and sight distance improvements and flasher revisions. File 04-15-36992C	\$162,000.00
Franklin Co. Div. 5 SS-4905DC	WBS 44629.3.1 SR 1100 (Tarboro Road) at SR 1106 (Moores Pond Road). Initial construction funds are needed for all way stop installation. File 05-15-8078C	\$9,000.00
Raleigh/ Wake Co. Div. 5 SS-4905DB	WBS 44628.3.1 SR 2204/2286 (Skycrest Drive) at SR 2286 (Trawick Road). Initial construction funds are needed for traffic signal revisions. File 05-15-8056C	\$13,500.00

**NCDOT March 2016 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 SS-4905DD	WBS 44630.3.1 SR 1119 (Buckhorn Duncan Road) from SR 1116 (Cass Holt Road) to SR 1123 (Duncan Cook Road). Initial construction funds are needed for signing, pavement markings, and shoulder improvements. File 05-15-8083C	\$18,000.00
Raleigh/ Wake Co. Div. 5 SS-4905DE	WBS 44631.3.1 US 70/US 401 (South Saunders Street) at Illeagnes Rd and Pecan Road/Carolina Pines Avenue. Initial construction funds are needed for traffic signal revisions. File 05-15-8057C	\$50,400.00
Wake Co. Div. 5 SS-4905DF	WBS 44632.2.1 I-495/US 64 at I-540 Westbound. Initial right of way and utilities funds are needed for widening improvements. File 05-15-8128R	\$4,500.00
Wake Co. Div. 5 SS-4905DF	WBS 44632.3.1 I-495/US 64 at I-540 Westbound. Initial construction funds are needed for widening improvements. File 05-15-8128C	\$306,000.00
Apex/ Wake Co. Div. 5 SS-4905DG	WBS 44633.3.1 SR 1157 (James Street) at SR 1158 (Hughes Street). Initial construction funds are needed for all way stop installation. File 05-15-8079C	\$4,500.00

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

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Spring Lake/ Cumberland Co. Div. 6 SS-4906CJ	WBS 44698.3.1 NC 24-87 (Bragg Boulevard) at SR 1451 (Manchester Road). Initial construction funds are needed for intersection improvements. File 06-15-37826C	\$22,500.00
Cumberland Co. Div. 6 SS-4906CL	WBS 44700.2.1 NC 87 at SR 2220 (Tom Starling Road). Initial right of way and utilities funds are needed for signing improvements and traffic signal revisions to provide a Dynamic Red Extension system. File 06-15-37961R	\$1,800.00
Cumberland Co. Div. 6 SS-4906CL	WBS 44700.3.1 NC 87 at SR 2220 (Tom Starling Road). Initial construction funds are needed for signing improvements and traffic signal revisions to provide a Dynamic Red Extension system. File 06-15-37961C	\$45,000.00
Cumberland Co. Div. 6 SS-4906CM	WBS 44701.3.1 SR 1831 (Baywood Road) at SR 1832 (Murphy Road). Initial construction funds are needed for all way stop installation. File 06-15-37906C	\$7,200.00
Harnett Co. Div. 6 SS-4906CK	WBS 44699.3.1 SR 1120 (Overhills Road) approximately 0.3 mile south of SR 1144 (Bill Shaw Road). Initial construction funds are needed for curve improvements including widening and installation of rumble strips, rumble stripes, and chevrons. File 06-15-37966C	\$83,700.00

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

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to  
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Funds for Specific Spot Safety Improvement Projects**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Harnett Co. Div. 6 SS-4906CK	WBS 44699.2.1 SR 1120 (Overhills Road) approximately 0.3 mile south of SR 1144 (Bill Shaw Road). Initial right of way and utilities funds are needed for curve improvements including widening and installation of rumble strips, rumble stripes, and chevrons. File 06-15-37966R	\$1,800.00
Greensboro/ Guilford Co. Div. 7 SS-4907BM	WBS 44712.3.1 US 220 (Battleground Avenue) at Mill Street/Battleground Court. Initial construction funds are needed for traffic signal revisions. File 07-15-006C	\$4,050.00
Greensboro/ Guilford Co. Div. 7 SS-4907BO	WBS 44714.3.1 SR 2085 (Joseph M. Bryan Boulevard) eastbound on/off ramps at SR 2136 (Fleming Road). Initial construction funds are needed for traffic signal installation. File 07-15-060C	\$60,300.00
Orange Co. Div. 7 SS-4907BN	WBS 44713.2.1 NC 54 at SR 1102 (Dodsons Cross Road)/SR 1951 (Butler Road) west of Carrboro. Initial right of way and utilities funds are needed for traffic signal installation. File 07-15-864R	\$45,000.00
Orange Co. Div. 7 SS-4907BN	WBS 44713.3.1 NC 54 at SR 1102 (Dodsons Cross Road)/SR 1951 (Butler Road) west of Carrboro. Initial construction funds are needed for traffic signal installation. File 07-15-864C	\$67,500.00

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

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Hoke Co. Div. 8 SS-4908BA	WBS 44716.3.1 SR 1409 (Johnson Mill Road) at SR 1411/SR 1412 (Parkers Church Road). Initial construction funds are needed for all way stop installation. File 08-15-8059C	\$6,750.00
Chatham Co. Div. 8 SS-4908AM	WBS 44195.3.1 NC 751 at SR 1733 (New Hope Church Road). \$189,200.00 in construction funds has previously been approved for turn lane construction. Additional funds are needed due to an increase in construction costs. File 08-14-8130-2	\$80,800.00
Randolph Co. Div. 8 SS-4908AO	WBS 44272.2.1 US 311 at 1954 (Bowman Avenue)/SR 1511 (Heath Dairy Road). \$51,104.26 in right of way and utilities funds has previously been approved for left turn lane construction. Additional funds are needed due to an increase in right of way and utilities costs. File 08-13-7140-2	\$70,000.00
Randolph Co. Div. 8 SS-4908AO	WBS 44272.3.1 US 311 at 1954 (Bowman Avenue)/SR 1511 (Heath Dairy Road). \$216,000.00 in construction funds has previously been approved for left turn lane construction. Additional funds are needed due to an increase in construction costs. File 08-13-7140-1	\$140,000.00
Rockingham/ Richmond Co. Div. 8 SS-4908AZ	WBS 44715.3.1 US 74 Business (Broad Avenue) at US 220 and SR 1650 (Long Drive). Initial construction funds are needed for traffic signal revisions. File 08-15-8058C	\$22,500.00

**NCDOT March 2016 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Rowan Co. Div. 9 SS-4909BN	WBS 44717.3.1 NC 150 at SR 1547 (Graham Road/Caldwell Road). Initial construction funds are needed for signing and flasher installation. File 09-15-012C	\$51,300.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910CB	WBS 44719.3.1 NC 160 (Steele Creek Road) at Steelescrot Parkway. Initial construction funds are needed for directional crossover installation. File 10-15-240C	\$99,000.00
Weddington/ Union Co. Div. 10 SS-4910CA	WBS 44718.3.1 SR 1344 (Weddington-Matthews Road) between SR 1345 (Tilly Morris Road) and the Mecklenburg County Line. Initial construction funds are needed for curve improvements. File 10-15-238C	\$139,500.00
Wesley Chapel/ Union Co. Div. 10 SS-4910CC	WBS 44720.2.1 SR 1315 (New Town Road) at SR 1321 (Cuthbertson Road) in Wesley Chapel; SR 1315 (New Town Road) at SR 1329 (Billy Howie Road) in Wesley Chapel; and SR 1315 (New Town Road) at SR 1162 (Potter Road) near Wesley Chapel. Initial right of way and utilities funds are needed for turn lane construction, signal revisions, and all way stop installations. File 10-15-237R	\$90,000.00
Wesley Chapel/ Union Co. Div. 10 SS-4910CC	WBS 44720.3.1 SR 1315 (New Town Road) at SR 1321 (Cuthbertson Road) in Wesley Chapel; SR 1315 (New Town Road) at SR 1329 (Billy Howie Road) in Wesley Chapel; and SR 1315 (New Town Road) at SR 1162 (Potter Road) near Wesley Chapel. Initial construction funds are needed for turn lane construction, signal revisions, and all way stop installations. File 10-15-237C	\$8,100.00

**NCDOT March 2016 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Boone/ Watauga Co. Div. 11 SS-4911AJ	WBS 44723.2.1 NC 105 at State Farm Road. Initial right of way and utilities funds are needed for traffic signal revisions. File 11-15-207R	\$900.00
Boone/ Watauga Co. Div. 11 SS-4911AJ	WBS 44723.3.1 NC 105 at State Farm Road. Initial construction funds are needed for traffic signal revisions. File 11-15-207C	\$27,900.00
Hickory/ Catawba Co. Div. 12 SS-4912BM	WBS 44546.3.1 NC 127 at 1st Ave. NE. \$30,000.00 in construction funds has previously been approved for traffic signal revisions. Additional funds are needed due to an increase in construction costs. File 12-15-202-1	\$23,000.00
Mount Holly/ Gaston Co. Div. 12 SS-4912BT	WBS 44726.2.1 NC 27 at culvert # 350020. Initial right of way and utilities funds are needed for guardrail installation. File 12-15-210R	\$900.00
Mount Holly/ Gaston Co. Div. 12 SS-4912BT	WBS 44726.3.1 NC 27 at culvert # 350020. Initial construction funds are needed for guardrail installation. File 12-15-210C	\$22,500.00

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

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Gastonia/ Gaston Co. Div. 12 SS-4912BU	WBS 44727.3.1 US 29/74 (Franklin Boulevard) between SR 1136 (Myrtle School Road) and US 321 Southbound. US 29/74 (Franklin Boulevard) between NC 274 and Thomas Street/Belvedere.) Initial construction funds are needed for roadway improvements. File 12-15-212C	\$243,000.00
Gastonia/ Gaston Co. Div. 12 SS-4912BU	WBS 44727.2.1 US 29/74 (Franklin Boulevard) between SR 1136 (Myrtle School Road) and US 321 Southbound. US 29/74 (Franklin Boulevard) between NC 274 and Thomas Street/Belvedere.) Initial right of way and utilities funds are needed for roadway improvements. File 12-15-212R	\$45,000.00
Mooreville/ Iredell Co. Div. 12 SS-4912BS	WBS 44724.3.1 US 21 at SR 1100 (Brawley School Road). Initial construction funds are needed for traffic signal revisions. File 12-15-209C	\$18,000.00
Buncombe Co. Div. 13 SS-4913CC	WBS 44728.2.1 SR 1740 (New Stock Road) from US 25-70 to SR 1741 near Weaverville. Initial right of way and utilities funds are needed for guardrail installation. File 13-15-210R	\$9,000.00
Buncombe Co. Div. 13 SS-4913CC	WBS 44728.3.1 SR 1740 (New Stock Road) from US 25-70 to SR 1741 near Weaverville. Initial construction funds are needed for guardrail installation. File 13-15-210C	\$211,500.00

**March 3, 2016**



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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cherokee Co. Div. 14 SS-4914CK	WBS 44731.2.1 US 19-74-129 approximately 0.2 mile south of SR 1501 near Topton. Initial right of way and utilities funds are needed for guardrail installation and drainage improvements. File 14-16-200R	\$9,000.00
Cherokee Co. Div. 14 SS-4914CK	WBS 44731.3.1 US 19-74-129 approximately 0.2 mile south of SR 1501 near Topton. Initial construction funds are needed for guardrail installation and drainage improvements. File 14-16-200C	\$90,000.00
Henderson Co. Div. 14 SS-4914CJ	WBS 44730.2.1 SR 1127 (Crab Creek Road) from Transylvania County to SR 1123 near Flat Rock. Initial right of way and utilities funds are needed for guardrail installation. File 14-15-209R	\$18,000.00
Henderson Co. Div. 14 SS-4914CJ	WBS 44730.3.1 SR 1127 (Crab Creek Road) from Transylvania County to SR 1123 near Flat Rock. Initial construction funds are needed for guardrail installation. File 14-15-209C	\$315,000.00
Cullowee/ Jackson Co. Div. 14 SS-4914CI	WBS 44729.2.1 SR 1002 (Old Cullowhee Road) from Riverbend Road to SR 1732. Initial right of way and utilities funds are needed for guardrail installation. File 14-15-220R	\$4,500.00

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

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cullowee/ Jackson Co. Div. 14 SS-4914CI	WBS 44729.3.1 SR 1002 (Old Cullowhee Road) from Riverbend Road to SR 1732. Initial construction funds are needed for guardrail installation. File 14-15-220C	\$90,000.00
<b>ITEM L SUMMARY</b>	<b>56 PROJECTS</b>	<b>\$3,536,310.00</b>

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

**Division 1**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Hyde Co. B-5508 DIVISION	55008.1.FD1, BRZ-1311(016) Replace Bridge #21 over a canal on SR 1311. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$40,000.00 Cost \$32,000.00 Fed. \$8,000.00 State

**Safety**

Bertie Co. SS-4901AT STATEWIDE	44616.1.1, HSIP-0013(048) US 13 / 17 Bypass at SR 1100 (Grabtown Road). Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
Bertie Co. SS-4901AU STATEWIDE	44617.1.1, HSIP-0017(155) US 17 at NC 45. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Camden Co. W-5601BL STATEWIDE	50138.3.65, HSIP-0017(151) US 17 at US 17 Business (Main Street). Construction funds are needed for safety improvements.	\$490,000.00 Cost \$441,000.00 Fed. \$49,000.00 State

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

**Division 2**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Craven Co. U-5713 STATEWIDE	50111.1.1, NHPP-0070(182) US 70 from the Neuse River Bridge to SR 1124 (Grantham Road). \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$700,000.00 \$560,000.00 \$140,000.00	Cost Fed. State

**Bridge**

Greene Co. B-4528 DIVISION	38402.1.2, BRZ-1149(018) Replace Bridge #25 over Tyson Marsh on SR 1149. Funds are needed for preliminary engineering.	\$100,000.00 \$80,000.00 \$20,000.00	Cost Fed. State
Greene Co. B-4530 DIVISION	38403.1.2, BRZ-1222(015) Replace Bridge #13 over Beaman Run on SR 1222. Funds are needed for preliminary engineering.	\$100,000.00 \$80,000.00 \$20,000.00	Cost Fed. State

**Safety**

Craven Co. W-5601EQ DIVISION	50138.1.148, HSIP-1309(014) SR 1309 (Glenburnie Road) at Elizabeth Avenue. Funds are needed for preliminary engineering.	\$500.00 \$450.00 \$50.00	Cost Fed. State
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**NCDOT March 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 2 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Greene Co. SS-4902CC REGIONAL	44619.1.1, HSIP-0903(012) NC 903 between US 13 / 258 in Greene County and 415 feet south of SR 1114 (Roundtree Road) in Pitt County. Funds are needed for preliminary engineering.	\$2,000.00 \$1,800.00 \$200.00	Cost Fed. State
Pitt Co. SS-4902CB REGIONAL	44618.1.1, HSIP-0903(011) NC 903 from SR 1114 (Roundtree Road) to NC 11. Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State

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

**Division 3**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
New Hanover Co. U-5534S DIVISION	44096.1.20, STPDA-0332(062) Coral Drive starting at the corner of Coral Drive and Highway 76 (Causeway Drive) and ending at the corner of Coral Drive and Fourth Avenue which is across the street from Wrightsville Beach Elementary School in the Town of Wrightsville Beach. Funds are needed for preliminary engineering.	\$29,200.00 \$23,360.00 \$5,840.00	Cost Fed. Local
Jacksonville/ Onslow Co. U-5319 DIVISION	45433.1.1, HPPSTP-1308(013) Intersection of SR 1308 (Gum Branch Road) and SR 1470 (Western Boulevard). \$12,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. <b>This is a Strategic Transportation Investments Transition project.</b>	\$580,873.00 \$464,698.00 \$116,175.00	Cost Fed. State

**Safety**

Brunswick Co. SS-4903CE REGIONAL	44620.1.1, HSIP-0130(010) NC 130 (Whiteville Road) and SR 1321 (Longwood Road) / SR 1330 (Waccamaw School Road). Funds are needed for preliminary engineering.	\$82,000.00 \$73,800.00 \$8,200.00	Cost Fed. State
Brunswick Co. SS-4903CF STATEWIDE	44621.1.1, HSIP-0017(156) Signalized intersections with actuated flashers along US 17 in Brunswick County. Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State

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

**Division 3 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Onslow Co. W-5106 DIVISION	41870.3.FD1, STP-1501(009) SR 1501 (Sandridge Road) from SR 1500 (Starling Road) to SR 1509 (Queens Creek Road) for a distance of approximately 4.85 miles in Onslow County. Construction funds are needed for safety improvements.	\$273,140.00 \$218,512.00 \$54,628.00	Cost Fed. State
Onslow Co. W-5601DB REGIONAL	50138.3.107, HSIP-0053(019) NC 53 (Western Boulevard) (Formerly SR 1470) and Cross Point / Lowe's Entrance (Now SR 2716 Exchange Drive) in Jacksonville. Construction funds are needed for safety improvements.	\$494,000.00 \$444,600.00 \$49,400.00	Cost Fed. State
Sampson Co. SS-4903CG DIVISION	44622.1.1, HSIP-1308(014) Culvert on SR 1308 (Boone Road) 0.2 mile south of SR 1316 (Murphy Road). Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State
Sampson Co. SS-4903CH REGIONAL	44623.1.1, HSIP-0701(034) US 701 (Hobbton Highway) just north of SR 1724 (Kenan Weeks Road). Funds are needed for preliminary engineering.	\$4,500.00 \$4,050.00 \$450.00	Cost Fed. State

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

**Division 4**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Johnston Co. I-5784 STATEWIDE	53025.3.1, NHPP-0095(024)97 I-95 from SR 1162 (Black Creek Road) to 0.4 miles north of US 70 Bypass, 12.50 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published January 4, 2016. This is a <b>Cash Flow</b> project with \$6,250,000.00 in SFY 16 and \$6,250,000.00 in SFY 17.	\$12,500,000.00 Cost \$10,000,000.00 Fed. \$2,500,000.00 State

**Surface Transportation**

Halifax Co. R-3822 DIVISION	37765.1.3, HP-STP-1627(007) I-95 from just south of proposed bridge at Chockoyotte Creek to NC 125. \$600,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,502,213.00 Cost \$1,201,770.00 Fed. \$300,443.00 State
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**Congestion Mitigation**

Nash Co. C-5548 EXEMPT	51018.3.1, CMS-0431(030) Benvenue Street, Tarboro Street, Falls Road, Franklin Street, Legett Road, and Church Street in Rocky Mount. Funds are needed for construction to install sidewalks.	\$469,000.00 Cost \$375,200.00 Fed. \$93,800.00 Local
Nash Co./ Edgecombe Co. C-5600H EXEMPT	50061.1.9, CMAQ-0445(002) US 64 Nash-Edgecombe Counties ITS Project. Funds are needed for preliminary engineering.	\$72,050.00 Cost \$57,640.00 Fed. \$14,410.00 State



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

**Division 4 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Halifax Co. SS-4904DO REGIONAL	44626.1.1, HSIP-0004(009) NC 4 between 0.40 mile north of SR 1308 (Stansbury Road) and 2.0 miles south of SR 1301 (Ferguson Street). Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State
Johnston Co. SS-4904DN REGIONAL	44624.1.1, HSIP-0096(021) NC 96 at SR 1938 (Little Devine Road). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Johnston Co. SS-4904DP REGIONAL	44627.1.1, HSIP-0042(065) NC 42 at NC 96. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Nash Co./ Wilson Co. W-5601CN STATEWIDE	50138.3.93, HSIP-0095(030) Replace guardrail end units in various locations on I-95. Funds are needed for construction to replace guardrail end units.	\$131,900.00 \$118,710.00 \$13,190.00	Cost Fed. State

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

**Division 4 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Wayne Co.	50138.3.92, HSIP-1003(143)	\$8,000.00	Cost
W-5601CM	SR 1003 (New Hope Road) at SR 1565 (Cuyler Best Road).	\$7,200.00	Fed.
DIVISION	Funds are needed for construction to modify signals.	\$800.00	State

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

**Division 5**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Durham Co. I-5307B STATEWIDE	47030.1.3, IM-0540(035) I-540 from I-40 in Durham County to NC 50 in Wake County. Funds are needed for preliminary engineering. <b>This is a Strategic Transportation Investments Transition project.</b>	\$150,000.00 \$120,000.00 \$30,000.00	Cost Fed. State

**Congestion Mitigation**

Wake Co. C-5169 EXEMPT	46234.3.1, CMS-0520(034) Construct one acre 170 space park and ride lot near NC State University Centennial Campus. Funds are needed for construction.	\$346,808.00 \$277,446.00 \$69,362.00	Cost Fed. Local
Wake Co. C-5600I EXEMPT	50061.1.10, CMAQ-0505(074) US 1 Cary-Apex ITS Project. Funds are needed for preliminary engineering.	\$118,600.00 \$94,880.00 \$23,720.00	Cost Fed. State

**Bridge**

Wake Co. B-5556 DIVISION	50148.1.1, BRSTP-0520(053) Replace Bridge #490 on Lake Dam Road over Walnut Creek. Funds are needed for preliminary engineering.	\$10,000.00 \$8,000.00 \$2,000.00	Cost Fed. Local
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**NCDOT March 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Durham Co. W-5601EH DIVISION	50138.1.138, HSIP-1118(007) SR 1118 (Fayetteville Road) at Cook Road. Funds are needed for preliminary engineering.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State
Durham Co. W-5601EM DIVISION	50138.1.144, HSIP-1118(008) SR 1118 (Fayetteville Road) at Pilot Street and Cecil Street. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Wake Co. SS-4905DB DIVISION	44628.1.1, HSIP-2204(001) SR 2204 / SR 2286 (Skycrest Drive) at SR 2286 (Trawick Road). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Wake Co. SS-4905DD DIVISION	44630.1.1, HSIP-1119(007) SR 1119 (Buckhorn Duncan Road) from SR 1116 (Cass Holt Road) to SR 1123 (Duncan Cook Road). Funds are needed for preliminary engineering.	\$2,000.00 \$1,800.00 \$200.00	Cost Fed. State

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

**Division 5 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Wake Co. SS-4905DE REGIONAL	44631.1.1, HSIP-0070(197) US 701 / US 401 (South Saunders Street) at Ileagnes Road and Pecan Road / Carolina Pines Avenue. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Wake Co. SS-4905DF STATEWIDE	44632.1.1, HSIP-0495(003) I-495 / US 64 at I-540 Westbound. Funds are needed for preliminary engineering.	\$40,000.00 \$36,000.00 \$4,000.00	Cost Fed. State
Wake Co. W-5601EE REGIONAL	50138.1.135, HSIP-0042(064) NC 42 at SR 2750 / 2749 (Johnny Baker Road). Funds are needed for preliminary engineering.	\$60,000.00 \$54,000.00 \$6,000.00	Cost Fed. State
Wake Co. W-5601EF DIVISION	50138.1.136, HSIP-1664(009) SR 1664 (Duraleigh Road) at Charles B. Root Wynd. Funds are needed for preliminary engineering.	\$20,000.00 \$18,000.00 \$2,000.00	Cost Fed. State

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

**Division 5 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Wake Co. W-5601EG DIVISION	50138.1.137, HSIP-1613(008) SR 1613 (Davis Drive) at SR 1619 (Waldo Rood Boulevard). Funds are needed for preliminary engineering.	\$57,000.00 \$51,300.00 \$5,700.00	Cost Fed. State
Wake Co. W-5601EI DIVISION	50138.1.139, HSIP-1393(005) SR 1393 (Bass Lake Road) at SR 1399 (James Slaughter Road). Funds are needed for preliminary engineering.	\$6,000.00 \$5,400.00 \$600.00	Cost Fed. State
Wake Co. W-5601EJ REGIONAL	50138.1.140, HSIP-001A(003) US 1A (South Main Street) between Star Road and Wake Pointe Shopping Center. Funds are needed for preliminary engineering.	\$90,000.00 \$81,000.00 \$9,000.00	Cost Fed. State
Wake Co. W-5601EN REGIONAL	50138.1.145, HSIP-0050(016) NC 50 (Benson Road) at SR 1010 (Ten Ten Road). Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State

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

**Division 6**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cumberland Co. I-5788 STATEWIDE	53028.3.1, NHPIM-0095(018)63 Resurface I-95 north and southbound from Mile Marker 53 to Harnett / Johnston County Line, 25.00 Miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published January 04, 2016. This is a <b>Cash Flow</b> project with \$7,950,000.00 in SFY 16 and \$7,950,000.00 in SFY 17.	\$15,900,000.00 \$12,720,000.00 \$3,180,000.00	Cost Fed. State

**Bridge**

Robeson Co. B-5333 DIVISION	46047.2.1, BRZ-1550(002) Replace Bridges #173 and #174 over Lumber River and Lumber River overflow on SR 1550. Funds are needed for full right of way and utilities.	\$300,000.00 \$240,000.00 \$60,000.00	Cost Fed. State
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**Safety**

Cumberland Co. SS-4906CJ STATEWIDE	44698.1.1, HSIP-0024(075) NC 24-87 (Bragg Boulevard) at SR 1451 (Manchester Road). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Cumberland Co. SS-4906CL STATEWIDE	44700.1.1, HSIP-0087(036) NC 87 at SR 2220 (Tom Starling Road). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State

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

**Division 6 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cumberland Co. SS-4906CM DIVISION	44701.1.1, HSIP-1831(004) SR 1831 (Baywood Road) at SR 1832 (Murphy Road). Funds are needed for preliminary engineering.	\$2,000.00 \$1,800.00 \$200.00	Cost Fed. State
Cumberland Co. W-5601EO REGIONAL	50138.1.146, HSIP-0401(273) US 401 (Ramsey Street) from SR 1615 (Stacy Weaver Drive) to Wal-Mart entrance. Funds are needed for preliminary engineering.	\$35,000.00 \$31,500.00 \$3,500.00	Cost Fed. State
Cumberland Co. W-5601EP STATEWIDE	50138.1.147, HSIP-0024(076) NC 24 from SR 2022 (Carol Street) to the west intersection with Circle Street. Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State
Harnett Co. SS-4906CK DIVISION	44699.1.1, HSIP-1120(014) SR 1120 (Overhills Road), curve located approximately 0.3 mile south of SR 1144 (Bill Shaw Road). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State



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

**Division 6 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Harnett Co.	50138.2.42, HSIP-0087(034)	\$60,000.00	Cost
W-5601AO	NC 87 at SR 1115 (Buffalo Lake Road). Funds are needed for	\$54,000.00	Fed.
STATEWIDE	full right of way and utilities.	\$6,000.00	State

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

**Division 7**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Alamance Co. I-5309 STATEWIDE	46264.3.FS1, IMPM-040-3(134)219 I-40 / I-85 from east of the Guilford County Line to east of NC 49 (combined with I-5836; I-40 / I-85 from 0.2 miles east of NC 49 to 0.2 miles east of NC 54 in Graham), 8.50 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published January 4, 2016. This is a <b>Cash Flow</b> project with \$4,742,000.00 in SFY 16 and \$3,288,000.00 in SFY 17.	\$8,030,000.00 \$6,424,000.00 \$1,606,000.00	Cost Fed. State
Guilford Co. I-5790 STATEWIDE	53030.3.1, NHPIM-0085(004) I-85 from 0.2 miles north of SR 3030 (Nelson Farm Road) to 1.3 miles north of SR 3029 (Youngs Mill Road) in Greensboro (combined with I-5855; I-85 from 0.8 miles north of SR 3505 (Pleasant Garden Road) to 0.2 miles north of SR 3039 (Nelson Farm Road)), 6.20 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published January 4, 2016. This is a <b>Cash Flow</b> project with \$4,850,000.00 in SFY 16 and \$4,850,000.00 in SFY 17.	\$9,700,000.00 \$7,760,000.00 \$1,940,000.00	Cost Fed. State
<b>Congestion Mitigation</b>			
Guilford Co. C-5600D EXEMPT	50061.1.5, CMAQ-0708(079) I-40 / I-85 ITS Devices. Funds are needed for preliminary engineering.	\$43,100.00 \$34,480.00 \$8,620.00	Cost Fed. State
Guilford Co. C-5600E EXEMPT	50061.1.6, CMAQ-0708(080) I-85 Guildford County Extension of Traffic Management Systems. Funds are needed for preliminary engineering.	\$148,700.00 \$118,960.00 \$29,740.00	Cost Fed. State

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

**Division 7 (Continued)**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Guilford Co. C-5600F EXEMPT	50061.1.7, CMAQ-0708(081) ITS for Triad Region to Triangle Region Center to Center Connection. Funds are needed for preliminary engineering.	\$102,700.00 \$82,160.00 \$20,540.00	Cost Fed. State

**Urban**

Chapel Hill/ Orange Co. U-5550 STATEWIDE	50154.3.1, NHPP-0015(047) US 15 / 501 (Fordham Boulevard) and SR 1742 (Ephesus Church Road) in Chapel Hill. \$1,736,000.00 has previously been approved for construction. State match funds are added per revised agreement.	\$434,000.00 \$434,000.00	Cost State
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**Safety**

Guilford Co. SS-4907BM REGIONAL	44712.1.1, HSIP-0220(078) US 220 (Battleground Avenue) at Mill Street / Battleground Court. Funds are needed for preliminary engineering.	\$1,500.00 \$1,350.00 \$150.00	Cost Fed. State
Guilford Co. SS-4907BO DIVISION	44714.1.1, HSIP-2085(006) SR 2085 (Joseph M. Byran Boulevard) eastbound On / Off Ramps at SR 2136 (Fleming Road). Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State

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

**Division 7 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Orange Co.	44713.1.1, HSIP-0054(024)	\$5,000.00	Cost
SS-4907BN	NC 54 at SR 1102 (Dodson's Cross Road); SR 1951 (Butler	\$4,500.00	Fed.
REGIONAL	Road). Funds are needed for preliminary engineering.	\$500.00	State

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

**Division 8**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Randolph Co. B-5128 DIVISION	42286.3.FD1, BRZ-1404(012) Replace Bridge #58 over an unnamed Tributary of the Little Uwharrie River on SR 1404, 0.099 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published January 4, 2016.	\$475,000.00 \$380,000.00 \$95,000.00	Cost Fed. State

**Safety**

Hoke Co. SS-4908BA DIVISION	44716.1.1, HSIP-1409(014) SR 1409 (Johnson Mill Road) at SR 1411 / SR 1412 (Parkers Church Road). Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State
Randolph Co. W-5601EK REGIONAL	50138.1.142, HSIP-0311(034) US 311 from SR 1524 (Beckerdite Road) to SR 1525 (Beeson Farm Road). Funds are needed for preliminary engineering.	\$30,000.00 \$27,000.00 \$3,000.00	Cost Fed. State
Richmond Co. SS-4908AZ REGIONAL	44715.1.1, HSIP-0074(185) US 74 Business (Broad Avenue) at US 220 and SR 1650 (Long Drive). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State

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

**Division 9**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Davie Co. I-5794 STATEWIDE	53033.3.1, NHPP-0040(031) I-40 from 2 miles east of SR 1442 (Redland Road) to 1.40 miles east of NC 801. Construction funds are needed for pavement rehabilitation.	\$1,400,000.00 \$1,120,000.00 \$280,000.00	Cost Fed. State

**Bridge**

Forsyth Co. B-5004 DIVISION	41107.3.F1, BRSTP-0918(076) Replace Bridge #86 over Salem Creek and Bridge #87 over Brushy Fork on Reynolds Park Road in Winston Salem. Funds are needed for construction to replace bridges. <b>This is a Strategic Transportation Investments Transition project.</b>	\$3,600,000.00 \$2,880,000.00 \$720,000.00	Cost Fed. Local
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**Safety**

Rowan Co. SS-4909BN REGIONAL	44717.1.1, HSIP-0150(040) NC 150 at SR 1547 (Graham/Caldwell Road). Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State
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**Bicycle and Pedestrian**

Forsyth Co. EB-5523 DIVISION	50039.3.FD1, STPEB-0918(095) Cedar Trails Greenway Connection from Cedar Trail Greenway to Muddy Creek Greenway. Funds are needed for construction to install greenway. <b>This is a Strategic Transportation Investments Transition project.</b>	\$925,000.00 \$740,000.00 \$100,000.00 \$85,000.00	Cost Fed. State Local
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**NCDOT March 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Kannapolis/ Cabarrus Co. C-5502 EXEMPT	45495.1.1, CMS-0924(005) Little Texas Road from Forest Park Drive to south of Mission Tripp Street. \$16,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$10,016.00 Cost \$7,512.00 Fed. \$2,504.00 Local

**Urban**

Union Co. U-5112 DIVISION	42374.2.1, STPDA-1032(003) SR 1357 (Potter Road) from SR 1364 (Pleasant Plains Road) to SR 1009 (Old Monroe Road). Funds are needed for full right of way and utilities.	\$325,000.00 Cost \$325,000.00 Fed.
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**Safety**

Mecklenburg Co. SS-4910CB REGIONAL	44719.1.1, HSIP-0160(006) NC 160 (Steele Creek Road) at Steelescroft Parkway. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Union Co. SS-4910CA DIVISION	44718.1.1, HSIP-1344(007) SR 1344 (Weddington-Matthews Road) between SR 1345 (Tilly Morris Road) and the Mecklenburg County Line. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State

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

**Division 10 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Union Co. SS-4910CC DIVISION	44720.1.1, HSIP-1315(018) SR 1315 (New Town Road) at SR 1321 (Cuthbertson Road) in Wesley Chapel; SR 1315 (New Town Road) at SR 1329 (Billy Howie Road) in Wesley Chapel; and SR 1315 (New Town Road) at SR 1162 (Potter Road). Funds are needed for preliminary engineering.	\$60,000.00 \$54,000.00 \$6,000.00	Cost Fed. State
Union Co. W-5210O DIVISION	45340.3.15, HSIP-1365(003) SR 1365 (Stallings Road) and SR 1367 (Matthews Indian Trail Road) in Stallings. Construction funds are needed for safety improvements.	\$550,000.00 \$550,000.00	Cost Fed.



**NCDOT March 2016 Board of Transportation Agenda  
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**Division 11**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Caldwell Co. W-5601EL STATEWIDE	50138.1.143, HSIP-0321(035) US 321 at Hospital Avenue. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Watauga Co. SS-4911AJ STATEWIDE	44723.1.1, HSIP-0105(003) NC 105 (US 221, NC 105 Ext.) at State Farm Road. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

**NCDOT March 2016 Board of Transportation Agenda  
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**Division 12**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Gaston Co./ Mecklenburg Co. C-5600G EXEMPT	50061.1.8, CMAQ-1229(016) I-85 Gaston-Mecklenburg Counties ITS Project. Funds are needed for preliminary engineering.	\$111,100.00 \$88,880.00 \$22,220.00	Cost Fed. State
Gaston Co. C-5623 EXEMPT	46400.1.1, CMS-0114(001) Construct sidewalk on Cramer Mountain Road, Baltimore Drive to South New Hope Road. Funds are needed for preliminary engineering.	\$69,339.00 \$52,004.00 \$17,335.00	Cost Fed. Local
Iredell Co. C-5200 EXEMPT	46251.2.1, CMS-1226(017) NC 115 and NC 150 in Mooresville, construct southbound NC 115 right turn lane at NC 150 and westbound NC shared through-right lane at NC 115. Funds are needed for full right of way and utilities.	\$61,600.00 \$49,280.00 \$12,320.00	Cost Fed. Local

**Bridge**

Cleveland Co. B-5844 DIVISION	45797.1.1, BRZ-2245(003) Replace Bridge #67 over Beason Creek on SR 2245. Funds are needed for preliminary engineering.	\$25,000.00 \$20,000.00 \$5,000.00	Cost Fed. State
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**NCDOT March 2016 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 12 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cleveland Co. B-5849 DIVISION	45802.1.1, BRZ-1002(048) Replace Bridge #104 over Ashworth Creek on SR 1002. Funds are needed for preliminary engineering.	\$25,000.00 \$20,000.00 \$5,000.00	Cost Fed. State

**Safety**

Gaston Co. SS-4912BT REGIONAL	44726.1.1, HSIP-0027(015) NC 27 at Culvert #20. Funds are needed for preliminary engineering.	\$2,000.00 \$1,800.00 \$200.00	Cost Fed. State
Gaston Co. SS-4912BU REGIONAL	44727.1.1, HSIP-0029(064) Two sections of US 29 / 74 (Franklin Boulevard) between SR 1136 (Myrtle School Road); and US 321 Southbound between NC 274 and Thomas Street / Belvedere. Funds are needed for preliminary engineering.	\$80,000.00 \$72,000.00 \$8,000.00	Cost Fed. State
Iredell Co. SS-4912BS REGIONAL	44724.1.1, HSIP-0021(024) US 21 at SR 1100 (Brawley School Road). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State

**NCDOT March 2016 Board of Transportation Agenda  
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**Division 13**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Buncombe Co. SS-4913CC DIVISION	44728.1.1, HSIP-1740(004) SR 1740 (New Stock Road) from US 25-70 to SR 1741 (Sheppard Branch Road). Funds are needed for preliminary engineering.	\$25,000.00 \$22,500.00 \$2,500.00	Cost Fed. State
Burke Co. W-5601DW STATEWIDE	50138.1.141, HSIP-0040(037) I-40 guardrail improvements. Funds are needed for preliminary engineering.	\$20,000.00 \$18,000.00 \$2,000.00	Cost Fed. State
Rutherford Co. W-5601DV REGIONAL	50138.1.134, HSIP-0074(184) US 74, US 74 Business, US 74 Alternate. Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State

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

**Division 14**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Henderson Co. I-5758 STATEWIDE	52036.3.1, NHPP-0026(002)40 I-26 from Mile Marker 40 to Mile Marker 45 (combined with I-5759; I-26 from Mile Marker 45 to Mile Marker 50), 10.00 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published January 4, 2016. This is a <b>Cash Flow</b> project with \$8,500,000.00 in SFY 16 and \$3,000,000.00 in SFY 17.	\$11,500,000.00 \$9,200,000.00 \$2,300,000.00	Cost Fed. State

**Bridge**

Macon Co. BD-5114AG DIVISION	45360.2.FD33, BRZ-1328(007) Replace Bridge #64 over Watauga Creek on SR 1328. Funds are needed for full right of way and utilities.	\$55,000.00 \$44,000.00 \$11,000.00	Cost Fed. State
Transylvania Co. B-5550 DIVISION	43653.1.F1, BRSTP-1402(011) Replace Bridge #102 on Railroad Avenue over Kings Creek. \$83,200.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$176,200.00 \$140,960.00 \$35,240.00	Cost Fed. Local
Transylvania Co. BD-5114AD DIVISION	45360.2.FD30, BRZ-1107(019) Replace Bridge #86 over East Fork French River on SR 1107. Funds are needed for full right of way and utilities.	\$55,000.00 \$44,000.00 \$11,000.00	Cost Fed. State

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

**Division 14 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cherokee Co. SS-4914CK STATEWIDE	44731.1.1, HSIP-0019(051) US 19-74-129, 0.2 miles south of SR 1501 (Red Marble Road) near Tipton. Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
Henderson Co. SS-4914CJ DIVISION	44730.1.1, HSIP-1127(015) SR 1127 (Crab Creek Road) from Transylvania County to SR 1123 (Little River Road). Funds are needed for preliminary engineering.	\$30,000.00 \$27,000.00 \$3,000.00	Cost Fed. State
Jackson Co. SS-4914CI DIVISION	44729.1.1, HSIP-1002(047) SR 1002 (Old Cullowhee Road) from Riverbend Road to SR 1732 (Weyehutta Road). Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State

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

**Statewide**

**Bicycle and Pedestrian**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Statewide	55062.1.3, STPEB-000S(730)	\$350,000.00	Cost
EB-5542	Bike and Pedestrian Program. Funds are needed for preliminary	\$280,000.00	Fed.
STATEWIDE	engineering.	\$70,000.00	State

**ITEM M SUMMARY - 96 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$72,522,958.00**

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

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 4

U-5912	NEW ROUTE, NC 97 (ATLANTIC AVENUE) TO TANNER	RIGHT-OF-WAY	FY 2023 -	\$37,000	(T)
EDGEcombe	ROAD. EXTEND ROUTE ON NEW LOCATION.	CONSTRUCTION	FY 2025 -	\$1,853,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$1,890,000	
REGIONAL	<u>REVENUE (HB 97)</u>				

## DIVISION 14

* R-5771	SR 1690 (BROADPOINTE DRIVE), IMPROVE EXISTING	ENGINEERING	FY 2016 -	\$200,000	(APD)
HENDERSON	SR 1690 (BROADPOINTE DRIVE) TO 24 FEET PAVED	CONSTRUCTION	FY 2017 -	\$1,100,000	(APD)
PROJ.CATEGORY	ROADWAY AND REPLACE BRIDGE 440107.			\$1,300,000	
EXEMPT	<u>NEW PROJECT PROGRAMMED WITH APPALACHIAN</u>				
	<u>REGIONAL COMMISSION (ARC) LOCAL ACCESS ROAD</u>				
	<u>FUNDING TO SUPPORT NEW INDUSTRY.</u>				

## STATEWIDE

* W-5700	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY.
STATEWIDE	<u>NEW PROJECT PROGRAMMED AT REQUEST OF</u>
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION -</u>
	<u>STI CATEGORY PROGRAMMING SHOWN BELOW.</u>

* W-5700DIV	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY.	CONSTRUCTION	FY 2016 -	\$600,000	(HSIP)
STATEWIDE	<u>NEW PROJECT PROGRAMMED AT REQUEST OF</u>		FY 2017 -	\$450,000	(HSIP)
PROJ.CATEGORY	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION -</u>		FY 2018 -	\$450,000	(HSIP)
DIVISION	<u>DIVISION NEEDS CATEGORY.</u>		FY 2019 -	\$450,000	(HSIP)
			FY 2020 -	\$450,000	(HSIP)
			FY 2021 -	\$450,000	(HSIP)
				\$2,850,000	

* W-5700REG	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY.	CONSTRUCTION	FY 2016 -	\$600,000	(HSIP)
STATEWIDE	<u>NEW PROJECT PROGRAMMED AT REQUEST OF</u>		FY 2017 -	\$450,000	(HSIP)
PROJ.CATEGORY	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION -</u>		FY 2018 -	\$450,000	(HSIP)
REGIONAL	<u>REGIONAL IMPACT CATEGORY.</u>		FY 2019 -	\$450,000	(HSIP)
			FY 2020 -	\$450,000	(HSIP)
			FY 2021 -	\$450,000	(HSIP)
				\$2,850,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016



## REVISIONS TO THE 2016-2025 STIP

## HIGHWAY PROGRAM

## STIP ADDITIONS

## STATEWIDE

* W-5700SW	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY.	CONSTRUCTION	FY 2016 -	\$800,000	(HSIP)
STATEWIDE	<u>NEW PROJECT PROGRAMMED AT REQUEST OF</u>		FY 2017 -	\$600,000	(HSIP)
PROJ.CATEGORY	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION -</u>		FY 2018 -	\$600,000	(HSIP)
STATEWIDE	<u>STATEWIDE STRATEGIC MOBILITY CATEGORY.</u>		FY 2019 -	\$600,000	(HSIP)
			FY 2020 -	\$600,000	(HSIP)
			FY 2021 -	\$600,000	(HSIP)
				\$3,800,000	

## STIP MODIFICATIONS

## DIVISION 3

* R-5023B	NC 53 (BURGAW HIGHWAY), SR 1116 (ONslow PINES	RIGHT-OF-WAY	FY 2016 -	\$320,000	(STP)
ONslow	ROAD) TO SR 1105 (HAWs RUN ROAD)	CONSTRUCTION	FY 2017 -	\$6,400,000	(STP)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 16 NOT PREVIOUSLY</u>			\$6,720,000	
TRANSITION	<u>PROGRAMMED.</u>				

* SF-4903F	NC 53, SR 1109 (HOLLY SHELTER ROAD).	RIGHT-OF-WAY	FY 2016 -	\$45,000	(HRRR)
ONslow	REALIGNMENT AND LANE CONSTRUCTION.	CONSTRUCTION	FY 2016 -	\$195,000	(HRRR)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 16 NOT PREVIOUSLY</u>			\$240,000	
TRANSITION	<u>PROGRAMMED.</u>				

## DIVISION 5

* B-5145	SR 1343 (JOHN BREWER ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$300,000	(HFB)
PERSON	720050 OVER SOUTH HYCO CREEK.	CONSTRUCTION	FY 2018 -	\$3,000,000	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 17</u>			\$3,300,000	
HWY FUNDS	<u>AND CONSTRUCTION FROM FY 21 TO FY 18 AT</u>				
	<u>REQUEST OF DIVISION - PROJECT TO BE CLUSTERED</u>				
	<u>WITH B-5322 FOR LETTING.</u>				
I-5333B	I-440 / US 1, I-40 TO SR 1728 (WADE AVENUE). PHASE 2	CONSTRUCTION	FY 2017 -	\$850,000	(NHPIM)
WAKE	REHABILITATION ACTIVITIES.			\$850,000	
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 AT</u>				
TRANSITION	<u>REQUEST OF DIV 5.</u>				

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 5

P-5706	NORFOLK SOUTHERN H LINE, EAST DURHAM SIDING.	RIGHT-OF-WAY	FY 2023 -	\$6,135,000	(T)
DURHAM	CONSTRUCT EXTENSION, TO INCLUDE COMBINATION	CONSTRUCTION	FY 2025 -	<u>\$36,500,000</u>	(T)
PROJ.CATEGORY	GRADE SEPARATIONS AND CLOSURES AT ELLIS ROAD			\$42,635,000	
STATEWIDE	SOUTH END CROSSING (734737A), GLOVER ROAD				
	CROSSING (734735L), AND WRENN ROAD CROSSING				
	(734736T) IN DURHAM.				
	<u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS</i></u>				

U-5750	NC 54, NC 540 TO PERIMETER PARK DRIVE IN	RIGHT-OF-WAY	FY 2020 -	\$9,000,000	(T)
WAKE	MORRISVILLE. ADD LANES.	UTILITIES	FY 2020 -	\$236,000	(T)
PROJ.CATEGORY	<u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS</i></u>	CONSTRUCTION	FY 2023 -	\$15,000,000	(T)
REGIONAL				\$24,236,000	

## DIVISION 7

* EL-4828A	MORGAN CREEK GREENWAY, PHASE 1	CONSTRUCTION	FY 2016 -	\$298,000	(STPDA)
ORANGE	<u><i>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO</i></u>		FY 2016 -	<u>\$74,000</u>	(L)
PROJ.CATEGORY	<u><i>ALLOW MORE TIME FOR TOWN TO COMPLETE THE PE</i></u>			\$372,000	
TRANSITION	<u><i>AND R/W PHASES.</i></u>				

* EL-4828B	MORGAN CREEK GREENWAY, PHASE 2	CONSTRUCTION	FY 2016 -	\$730,000	(TAPDA)
ORANGE	<u><i>SEE BREAK 'A' COMMENT</i></u>		FY 2016 -	<u>\$182,000</u>	(L)
PROJ.CATEGORY				\$912,000	
TRANSITION					

## DIVISION 9

* EB-4020C	BRUSHY FORK GREENWAY, LOWERY STREET TO	RIGHT-OF-WAY	FY 2016 -	\$20,000	(STPDA)
FORSYTH	REYNOLDS PARK ROAD		FY 2016 -	\$5,000	(L)
PROJ.CATEGORY	<u><i>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AND</i></u>	CONSTRUCTION	FY 2017 -	\$700,000	(STPDA)
TRANSITION	<u><i>CONSTRUCTION FROM FY 15 TO FY 17 TO ALLOW</i></u>		FY 2017 -	\$300,000	(STPEB)
	<u><i>ADDITIONAL TIME FOR CITY TO ACQUIRE R/W AND</i></u>		FY 2017 -	<u>\$175,000</u>	(L)
	<u><i>PREPARE FOR LETTING.</i></u>			\$1,200,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 9

* EB-5523 FORSYTH PROJ.CATEGORY TRANSITION	MUDDY CREEK / CEDAR TRAIL CONNECTION, CEDAR TRAIL TO MUDDY CREEK GREENWAY IN WINSTON-SALEM. CONSTRUCT MULTIUSE PATH AND PEDESTRIAN BRIDGE OVER MUDDY CREEK. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16.</u> <u>FOLLOWING NEED FOR FLOOD STUDY, CITY</u> <u>REQUIRED MORE TIME TO PREPARE FOR LETTING.</u>	CONSTRUCTION	FY 2016 - \$340,000 (STPDA) FY 2016 - \$500,000 (STPEB) FY 2016 - \$85,000 (L) \$925,000
R-2577A FORSYTH PROJ.CATEGORY REGIONAL	US 158, MULTI-LANES NORTH OF US 421 / I-40 BUSINESS TO SR 1965 (BELEWS CREEK ROAD) <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS</u>	RIGHT-OF-WAY  UTILITIES  CONSTRUCTION	FY 2020 - \$3,900,000 (NHP) FY 2021 - \$3,900,000 (NHP) FY 2020 - \$1,654,000 (NHP) FY 2021 - \$1,654,000 (NHP) FY 2025 - \$17,750,000 (NHP) POST YR- \$17,750,000 (NHP) \$46,608,000
U-2707 FORSYTH PROJ.CATEGORY DIVISION	SR 3000 (IDOLS ROAD), SR 2999 (HAMPTON ROAD) TO US 158 IN CLEMMONS. CONSTRUCT TWO-LANE SHOULDER SECTION ON NEW LOCATION AND REPLACE BRIDGE 330109 OVER NORFOLK SOUTHERN RAILROAD. <u>DESCRIPTION REVISED TO CONFORM TO NEPA</u> <u>SCOPE AND PREFERRED ALTERNATIVE.</u>	CONSTRUCTION	FY 2016 - \$12,400,000 (T) \$12,400,000

\* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 9

* U-4741	VARIOUS, BICYCLE, PEDESTRIAN, AND	ENGINEERING	FY 2016 -	\$202,000	(STPDA)
DAVIE	TRANSPORTATION ALTERNATIVES PROGRAM (TAP)-		FY 2016 -	\$39,000	(TAPDA)
STOKES	ELIGIBLE PROJECTS IN THE WINSTON-SALEM URBAN		FY 2016 -	\$61,000	(L)
DAVIDSON	AREA METROPOLITAN PLANNING ORGANIZATION		FY 2017 -	\$310,000	(STPDA)
FORSYTH	(MPO) AREA..		FY 2017 -	\$39,000	(TAPDA)
PROJ.CATEGORY	<u>ADDS FUNDS TO PHASES NOT PREVIOUSLY</u>		FY 2017 -	\$88,000	(L)
DIVISION	<u>PROGRAMMED, AT REQUEST OF MPO.</u>		FY 2018 -	\$70,000	(STPDA)
			FY 2018 -	\$39,000	(TAPDA)
			FY 2018 -	\$28,000	(L)
			FY 2019 -	\$70,000	(STPDA)
			FY 2019 -	\$39,000	(TAPDA)
			FY 2019 -	\$28,000	(L)
			FY 2020 -	\$70,000	(STPDA)
			FY 2020 -	\$39,000	(TAPDA)
			FY 2020 -	\$28,000	(L)
			FY 2021 -	\$70,000	(STPDA)
			FY 2021 -	\$39,000	(TAPDA)
			FY 2021 -	\$28,000	(L)
			FY 2022 -	\$39,000	(TAPDA)
			FY 2022 -	\$10,000	(L)
			FY 2023 -	\$39,000	(TAPDA)
			FY 2023 -	\$10,000	(L)
			FY 2024 -	\$39,000	(TAPDA)
			FY 2024 -	\$10,000	(L)
			FY 2025 -	\$39,000	(TAPDA)
			FY 2025 -	\$10,000	(L)
		RIGHT-OF-WAY	FY 2016 -	\$404,000	(STPDA)
			FY 2016 -	\$79,000	(TAPDA)
			FY 2016 -	\$121,000	(L)
			FY 2017 -	\$620,000	(STPDA)
			FY 2017 -	\$79,000	(TAPDA)
			FY 2017 -	\$175,000	(L)
			FY 2018 -	\$140,000	(STPDA)
			FY 2018 -	\$79,000	(TAPDA)
			FY 2018 -	\$55,000	(L)
			FY 2019 -	\$140,000	(STPDA)
			FY 2019 -	\$79,000	(TAPDA)
			FY 2019 -	\$55,000	(L)
			FY 2020 -	\$140,000	(STPDA)
			FY 2020 -	\$79,000	(TAPDA)
			FY 2020 -	\$55,000	(L)
			FY 2021 -	\$140,000	(STPDA)
			FY 2021 -	\$79,000	(TAPDA)
			FY 2021 -	\$55,000	(L)
			FY 2022 -	\$79,000	(TAPDA)
			FY 2022 -	\$20,000	(L)
			FY 2023 -	\$79,000	(TAPDA)
			FY 2023 -	\$20,000	(L)
			FY 2024 -	\$79,000	(TAPDA)
			FY 2024 -	\$20,000	(L)
			FY 2025 -	\$79,000	(TAPDA)

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 9

CONSTRUCTION	FY 2025 -	\$20,000	(L)
	FY 2016 -	\$1,414,000	(STPDA)
	FY 2016 -	\$276,000	(TAPDA)
	FY 2016 -	\$423,000	(L)
	FY 2017 -	\$2,170,000	(STPDA)
	FY 2017 -	\$276,000	(TAPDA)
	FY 2017 -	\$612,000	(L)
	FY 2018 -	\$490,000	(STPDA)
	FY 2018 -	\$276,000	(TAPDA)
	FY 2018 -	\$192,000	(L)
	FY 2019 -	\$490,000	(STPDA)
	FY 2019 -	\$276,000	(TAPDA)
	FY 2019 -	\$192,000	(L)
	FY 2020 -	\$490,000	(STPDA)
	FY 2020 -	\$276,000	(TAPDA)
	FY 2020 -	\$192,000	(L)
	FY 2021 -	\$490,000	(STPDA)
	FY 2021 -	\$276,000	(TAPDA)
	FY 2021 -	\$192,000	(L)
	FY 2022 -	\$276,000	(TAPDA)
	FY 2022 -	\$69,000	(L)
	FY 2023 -	\$276,000	(TAPDA)
	FY 2023 -	\$69,000	(L)
	FY 2024 -	\$276,000	(TAPDA)
	FY 2024 -	\$69,000	(L)
	FY 2025 -	\$276,000	(TAPDA)
	FY 2025 -	\$69,000	(L)
		\$14,836,000	

* U-5539	VARIOUS, STREETScape IMPROVEMENT PROJECTS	ENGINEERING	FY 2016 -	\$187,000	(STPDA)
STOKES	IN THE WINSTON-SALEM URBAN AREA		FY 2016 -	\$47,000	(L)
DAVIDSON	METROPOLITAN PLANNING ORGANIZATION (MPO)	RIGHT-OF-WAY	FY 2016 -	\$120,000	(STPDA)
DAVIE	AREA.		FY 2016 -	\$30,000	(L)
FORSYTH	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2016 -	\$2,192,000	(STPDA)
PROJ.CATEGORY	<u>THRESHOLDS</u>		FY 2016 -	\$548,000	(L)
DIVISION				\$3,124,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 10

* B-5793 CABARRUS PROJ.CATEGORY DIVISION	SR 2443 (CROWELL ROAD), REPLACE BRIDGE 120201 OVER LITTLE BUFFALO CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 20 TO FY 17 AND CONSTRUCTION FROM FY 21 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$20,000 (STPOFF) FY 2017 - <u>\$350,000</u> (STPOFF) \$370,000
* B-5800 STANLY PROJ.CATEGORY DIVISION	SR 1253 (SAM ROAD), REPLACE BRIDGE 830160 OVER RAMSEY BRANCH. <u>RIGHT-OF-WAY ACCELERATED FROM FY 21 TO FY 16 AND CONSTRUCTION FROM FY 22 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$10,000 (STPOFF) FY 2017 - <u>\$200,000</u> (STPOFF) \$210,000
* B-5801 UNION PROJ.CATEGORY DIVISION	SR 2166 (PLYLER ROAD), REPLACE BRIDGE 890163 OVER POLE CAT CREEK. <u>RIGHT-OF-WAY ACCELERATED FROM FY 24 TO FY 17 AND CONSTRUCTION FROM FY 25 TO FY 17. PROJECT ACCELERATED IN THE PROGRAM DUE TO ADDITIONAL REVENUE (HB 97).</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$15,000 (STPOFF) FY 2017 - <u>\$250,000</u> (STPOFF) \$265,000
* R-2530B STANLY PROJ.CATEGORY REGIONAL	NC 24-27, BIRD ROAD IN ALBEMARLE TO WEST OF THE PEE DEE RIVER <u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND CONSTRUCTION FROM FY 19 TO FY 20 TO ALLOW ADDITIONAL TIME FOR PLANNING.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - \$14,000,000 (T) FY 2018 - \$1,900,000 (T) FY 2020 - \$14,600,000 (T) FY 2021 - <u>\$14,600,000</u> (T) \$45,100,000
R-3329 MECKLENBURG UNION PROJ.CATEGORY TRANSITION	US 74 BYPASS, I-485 (CHARLOTTE OUTER LOOP) TO PROJECT R-2559 (US 74 MONROE BYPASS). MULTI- LANE FREEWAY ON NEW LOCATION. <u>MODIFY PROJECT FUNDING AMOUNT AND FISCAL YEAR.</u>	CONSTRUCTION GARVEE CON. GARVEE ROW	FY 2017 - \$329,238,000 (BOND R) FY 2016 - \$ (IP) FY 2017 - \$1,097,000 (NHP) FY 2016 - \$1 (P) FY 2017 - <u>\$16,012,000</u> (NHP) \$363,456,000

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 10

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

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

* U-5805	SR 1009 (MONROE ROAD), INTERSECTION OF SR 1009 (MONROE ROAD) AND RAMA ROAD/IDLEWILD ROAD. CONSTRUCT INTERSECTION IMPROVEMENTS.	CONSTRUCTION	FY 2021 - \$3,400,000 (T)
MECKLENBURG			\$3,400,000
PROJ.CATEGORY			
DIVISION	<u>DELAY CONSTRUCTION FROM FY 19 TO FY 21 TO ALLOW ADDITIONAL TIME FOR UTILITY RELOCATION.</u>		

## DIVISION 12

* C-5186	GASTONIA, GASTONIA CCTV CAMERAS. INSTALL 6 CCTV CAMERAS TO THE EXISTING COMPURIZED TRAFFIC SIGNAL SYSTEM ON I-85 AT NC 7 (OZARK AVENUE); US 29/US 74 AT FRANKLIN SQUARE II; NC 279 (NEW HOPE ROAD) AT OZARK AVENUE; US 321 (CHESTER STREET) AT TULIP DRIVE-BULB AVENUE; NC 274 (BESSEMER CITY ROAD) AT NC 275 (DALLAS-BESSEMER CITY ROAD AND US 274 (UNION ROAD) AT SR 1255 (HUDSON BOULEVARD).	CONSTRUCTION	FY 2016 - \$98,000 (CMAQ)
GASTON			FY 2016 - \$25,000 (L)
PROJ.CATEGORY			\$123,000
EXEMPT	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME TO ACQUIRE PERMITS.</u>		

* C-5195	CLAREMONT, CONSTRUCT SIDEWALKS AT VARIOUS LOCATIONS IN CLAREMONT.	CONSTRUCTION	FY 2016 - \$496,000 (CMAQ)
CATAWBA			FY 2016 - \$124,000 (L)
PROJ.CATEGORY			\$620,000
EXEMPT	<u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>		

\* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 12

* C-5562 GASTON PROJ.CATEGORY EXEMPT	GASTONIA, BIKE AND PEDESTRIAN IMPROVEMENTS BETWEEN DOWNTOWN AND LINEBERGER PARK. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR DESIGN.</u>	CONSTRUCTION	FY 2016 - \$225,000 (CMAQ) FY 2016 - \$58,000 (L) \$283,000
* EB-5114 GASTON PROJ.CATEGORY TRANSITION	MOUNT HOLLY, MOUNT HOLLY RIVERFRONT GREENWAY. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION.</u>	CONSTRUCTION	FY 2016 - \$640,000 (STPEB) FY 2016 - \$160,000 (S(M)) \$800,000
* EB-5530 IREDELL PROJ.CATEGORY TRANSITION	TROUTMAN, OLD MOUNTAIN ROAD, NORTH MAIN STREET TO SOUTH IREDELL HIGH SCHOOL IN TROUTMAN. CONSTRUCT SIDEWALK ON SOUTH SIDE OF ROAD. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR DESIGN.</u>	CONSTRUCTION	FY 2016 - \$480,000 (STPEB) \$480,000
* EB-5531 GASTON PROJ.CATEGORY TRANSITION	BESSEMER CITY, 12TH STREET, CHADWICK COURT TO KAISER ROAD AND YELLOW JACKET LANE/BESS TOWN ROAD, 12TH STREET TO 14TH STREET (NC 274). CONSTRUCT SIDEWALKS. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW TIME TO RESOLVE ISSUE WITH CITY.</u>	CONSTRUCTION	FY 2016 - \$300,000 (STPEB) \$300,000
* EB-5532 IREDELL PROJ.CATEGORY TRANSITION	TROUTMAN, NORTH MAIN STREET GREENWAY, SR 2551 (OLD MURDOCK ROAD) TO SR 2350 (MURDOCK ROAD). CONSTRUCT 10 FEET WIDE GREEWAY. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION.</u>	CONSTRUCTION	FY 2016 - \$430,000 (STPEB) \$430,000
* EB-5534 GASTON PROJ.CATEGORY TRANSITION	GASTONIA, CATAWBA CREEK GREENWAY EXTENSION, FERGUSON PARK TO DOWNTOWN. CONSTRUCT GREENWAY. <u>DELAY CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR PERMITTING.</u>	CONSTRUCTION	FY 2016 - \$410,000 (STPEB) \$410,000

\* INDICATES FEDERAL AMENDMENT



## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 12

* P-5200D	P & N CORRIDOR REACTIVATION, BELMONT SPUR	RIGHT-OF-WAY	FY 2017 -	\$50,000	(STPE)
GASTON	<u>ADD RIGHT-OF-WAY IN FY 17. DELAY CONSTRUCTION</u>	CONSTRUCTION	FY 2017 -	<u>\$850,000</u>	(STPE)
PROJ.CATEGORY	<u>FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME</u>			\$900,000	
TRANSITION	<u>FOR PLANNING.</u>				

* R-5100	SR 1109 (WILLIAMSON ROAD), I-77 TO NC 150. WIDEN	RIGHT-OF-WAY	FY 2019 -	\$3,000,000	(T)
IREDELL	TO MULTI-LANES.	UTILITIES	FY 2019 -	\$1,100,000	(T)
PROJ.CATEGORY	<u>RIGHT OF WAY ACCELERATED FROM FY 20 TO FY 19</u>	CONSTRUCTION	FY 2021 -	\$10,150,000	(T)
DIVISION	<u>AND CONSTRUCTION FROM FY 22 TO FY 21.</u>		FY 2022 -	<u>\$10,150,000</u>	(T)
	<u>PROJECT ACCELERATED IN THE PROGRAM DUE TO</u>			\$24,400,000	
	<u>ADDITIONAL REVENUE (HB 97).</u>				

## DIVISION 14

B-4792	SR 1102 (PEARSON FALLS), REPLACE BRIDGE 740004	CONSTRUCTION	FY 2017 -	<u>\$650,000</u>	(STPOFF)
POLK	OVER FORK CREEK (SMALL BRANCH OF PACOLET			\$650,000	
PROJ.CATEGORY	RIVER).				
DIVISION	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>				

## STATEWIDE

* SR-5001	VARIOUS, SAFE ROUTES TO SCHOOL PROGRAM.	CONSTRUCTION	FY 2016 -	\$3,100,000	(SRTS)
STATEWIDE	PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC,		FY 2017 -	<u>\$500,000</u>	(SRTS)
PROJ.CATEGORY	FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY			\$3,600,000	
DIVISION	OF SCHOOLS.				
	<u>ADD CONSTRUCTION IN FY 16 AND FY 17 NOT</u>				
	<u>PREVIOUSLY PROGRAMMED, AT REQUEST OF</u>				
	<u>DIVISION OF BICYCLE AND PEDESTRIAN</u>				
	<u>TRANSPORTATION.</u>				

## STIP DELETIONS

## DIVISION 3

U-5877	NC 53 (WESTERN BOULEVARD), SR 1308 (GUM	RIGHT-OF-WAY	FY 2019 -	\$180,000	(T)
ONslow	BRANCH ROAD). IMPROVE INTERSECTION.	CONSTRUCTION	FY 2020 -	<u>\$750,000</u>	(T)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>			\$930,000	
DIVISION	<u>PROJECT U-5319.</u>				

\* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP DELETIONS

## DIVISION 5

I-5702C	I-40, SR 1728 (WADE AVENUE) TO I-440 / US 64 (EXIT 301).	RIGHT-OF-WAY	FY 2024 -	\$795,000	(T)
WAKE			FY 2025 -	\$794,000	(T)
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF MPO - PROJECT WILL</u>	UTILITIES	FY 2024 -	\$600,000	(T)
STATEWIDE	<u>NOT BE SUBMITTED FOR SCORING IN</u>		FY 2025 -	\$600,000	(T)
	<u>PRIORITIZATION 4.0.</u>	CONSTRUCTION	POST YR-	\$439,409,000	(T)
			POST YR-	\$73,380,000	(BOND R)
				\$515,578,000	

## DIVISION 9

B-5781	SR 2999 (HAMPTON ROAD), REPLACE BRIDGE 330109	RIGHT-OF-WAY	FY 2021 -	\$120,000	(HFB)
FORSYTH	OVER NORFOLK SOUTHERN RAILROAD.	CONSTRUCTION	FY 2023 -	\$1,200,000	(HFB)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>			\$1,320,000	
HWY FUNDS	<u>PROJECT U-2707.</u>				

ITEM N SUMMARY

ADDITIONS	6 PROJECTS	\$12,690,000
MODIFICATIONS	34 PROJECTS	
DELETIONS	3 PROJECTS	\$517,828,000
	43 PROJECTS	(\$505,138,000)

\* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

NCDOT March 3, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 33 Agreements for approval by the Board of Transportation.

Statewide

Red Springs and Northern  
Railroad (RSNR)

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

Piedmont & Atlantic Railroad  
Company, INC d/b/a Yadkin  
Valley Railroad (YVRR)

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

Laurinburg & Southern Railroad  
Company, INC (LRS)

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

Aberdeen and Rockfish Railroad  
Company (AR)

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

NCDOT March 3, 2016 Board of Transportation Agenda

Statewide, con't.

R. J. Corman Railroad  
Company/Carolina Lines (RJCS)

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

Atlantic & Western Railway, LP  
(ATW)

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

Wilmington Terminal Railroad, LP  
(WTRY)

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

Division 2

City of New Bern  
Craven County  
Z-5400BM

This Rail Agreement covers installation of automatic warning devices and upgrades to approaches at Norfolk Southern Railroad's (NS) municipal at-grade crossing on North Craven Street (Crossing # 466-045V, milepost NB 30.71) in the Municipality. The Department will arrange for NS to prepare plans and to perform the installation of the automatic warning devices pursuant to the Master Agreement. The Municipality will prepare the plans and perform any approach work. NS will be responsible for all maintenance of the warning devices. The Municipality will be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the warning device installation work; (2) 100% of any cost not reimbursed by FHWA; and (3) 50% of NS' cost of maintenance of the warning devices pursuant to GS 160A-298(c). The estimated cost of the project is \$250,000.

NCDOT March 3, 2016 Board of Transportation Agenda

Division 2, con't.

City of New Bern  
Craven County  
Z-5400BK

This Rail Agreement covers installation of automatic warning devices and upgrades to approaches at Norfolk Southern Railroad's (NS) municipal at-grade crossing on Guion Street (Crossing # 722-705K, milepost EC 58.21) on the North Carolina Railroad corridor in the Municipality. The Department will arrange for NS to prepare plans and to perform the installation of the automatic warning devices pursuant to the Master Agreement. The Municipality will prepare the plans and perform any approach work. NS will be responsible for all maintenance of the warning devices. The Municipality will be responsible for the following: (1) reimbursing the Department for 10% of the actual cost of the warning device installation work; (2) 100% of any cost not reimbursed by FHWA; and (3) 50% of NS' cost of maintenance of the warning devices pursuant to GS 160A-298(c). The estimated cost of the project is \$250,000.

Division 3

City of Wilmington  
Cape Fear Public  
Transportation  
Authority (Wave Transit)  
Wilmington Urban Area  
Metropolitan Planning  
Organization (WMPO)

This Rail Memorandum of Understanding (MOU) is between the Department, City of Wilmington (Municipality), Cape Fear Public Transportation Authority (Wave Transit), and Wilmington Urban Area Metropolitan Planning Organization (WMPO) for a new intermodal transportation facility. The purpose of this MOU is to define all parties' commitment to secure funding for planning, design, construction and operation of an intermodal transportation facility within the Municipality. The site of this new Transportation Center is located between North 3<sup>rd</sup> Street and North 4<sup>th</sup> Street and between Red Cross Street and Hanover Street.

City of Wilmington  
Wilmington Urban Area  
Metropolitan Planning  
Organization (WMPO)  
New Hanover County  
49004.5

This Rail Agreement covers the development and funding of a Feasibility Study (Study) to determine the viability of a Wilmington Rail Realignment and Cape Fear River Rail Crossing of the CSX Transportation railroad that serves the North Carolina State Port at Wilmington. The Municipality shall perform the Study, or have the Study performed. The Department, the Municipality, and the MPO will each contribute \$100,000 toward the cost of the Study. The Department shall reimburse the Municipality upon completion of the Study. Estimated cost of the Study is \$300,000.

NCDOT March 3, 2016 Board of Transportation Agenda

Division 5

Town of Holly Springs  
Wake County  
W-5601O  
50138.3.FR16

This Project consists of construction of a superstreet on NC 55 Bypass at SR 1115 (Avent Ferry Road). The Department's original participation in the cost of the Project was \$925,000. The Department agrees to reimburse the Municipality an additional \$270,000 of Federal Safety funds and \$30,000 in state match funds.

City of Raleigh  
Wake County  
C-5170  
46235.3.1

This Project consists of citywide improvements to include bicycle restriping and sharrows along roadways throughout Raleigh. This Supplemental Agreement is to decrease the funding in an amount of \$412,562 to be reallocated to Project C-5172 and C-5504 in Raleigh. This agenda item supersedes the item Approved by the BOT on November 5, 2015.

City of Raleigh  
Wake County  
C-5504  
45497.1.F1  
45497.3.F1

This Project consists of the construction of pedestrian retrofits at I-40 overpasses in the City of Raleigh. This Supplemental Agreement is to increase the funding and extend the completion date for the Project. The Department's original participation was \$1,640,000 at 80%, to be increased with an additional \$300,946 at 50% of CMAQ funds. The Municipality's original participation was \$410,000 at 20% local match. The Municipality will provide an additional \$300,946 at 50% local match, and all costs that exceed the total Project estimated cost of \$2,651,892. The extended completion date for the Project is March 1, 2018, in lieu of December 31, 2015.

CSX Transportation, Inc. (CSX)  
Wake County  
44403

The Department and CSXT, on November 4, 2011, entered into a Master Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement project would be identified through a separate written agreement to the MEA. This Addendum #8 to the MEA supersedes Addendum #8 that was approved at the September 3, 2015 Board of Transportation Meeting. The Department will reimburse CSXT 100% of their costs associated with the plan review and flagging. Estimated cost to the Department is \$50,000.

NCDOT March 3, 2016 Board of Transportation Agenda

Division 5, con't.

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

This Rail Agreement grants a license to the Municipality from CSXT to allow the Municipality to construct, use and maintain a temporary private road (Crossing) across the tracks owned or controlled by CSXT at Valuation Station (milepost S 157.35). CSXT shall perform all construction, maintenance work and removal of the Crossing at the cost and expense of the Municipality. The Municipality shall perform all construction and maintenance the approach ways and Sight Clearance Areas. This construction project is part of the Raleigh Union Station Project. The Department is party to this agreement as owner of the underlying property.

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

This Rail Agreement grants a license to the Municipality from CSXT that allows the Municipality to construct, use and maintain a private road (Crossing) across the tracks owned or controlled by CSXT at Valuation Station (milepost S 157.23). The Municipality shall perform all work for the initial installation of the Crossing as set out in the Martin Street Grade Separation Agreement dated December 21, 2015. CSXT shall perform all subsequent construction and maintenance at the cost and expense of the Municipality. This construction project is part of the Raleigh Union Station Project. The Department is party to this agreement as owner of the underlying property.

Norfolk Southern Railroad  
Company (NS)  
Roxboro Community School  
Person County

This Rail Agreement covers the improvement and widening of the railroad at-grade crossing on Depot Street (SR 1536) (Crossing #470 566T, milepost L83.10). This is a School project on a State maintained road. There is no cost for the railroad construction to the Department. NS will perform the work on the crossing surface. The School will be responsible for the costs incurred by NS.

Division 6

City of Fayetteville  
Cumberland County  
EB-5800  
44654.3.1

This Project consists of the installation of sidewalk and bus stop pads on the east of SR 1007(Owen Drive) from US 301/I-95 Business (Eastern Blvd.) to Old Owen Drive in Fayetteville. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$437,000 (80%) in STP funds. The Municipality will be responsible for providing \$109,250 (20%) matching funds and all costs that exceed the total estimated cost of \$546,250.

NCDOT March 3, 2016 Board of Transportation Agenda

Division 7

City of Greensboro  
Guilford County  
U-5532C  
46297.3.4

This Project consists of the construction of sidewalk on the eastern side of Rudd Station Road from Townsend Road to Scott Road, and on the northern side of Scott Road from Rudd Station Road to Summit Avenue in Greensboro. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$296,000 (80%) in TAP funds. The Municipality will be responsible for providing \$74,000 (20%) matching funds and all costs that exceed the total estimated cost of \$370,000.

City of Greensboro  
Guilford County  
U-5532D  
46297.3.5

This Project consists of the construction of sidewalks on Courtland Street, East Lake Drive, East Wendover Avenue, Plymouth Street and Summit Avenue in Greensboro. The Municipality is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$451,040 (80%) in TAP funds. The Municipality will be responsible for providing \$112,760 (20%) matching funds and all costs that exceed the total estimated cost of \$563,800.

City of Greensboro  
Guilford County  
EL-5101DJ  
41823.3.13

This Project consists of construction of the Phase 2 portion of the Downtown Greenway in Greensboro. This Supplemental Agreement is to increase funding and extend the completion date for the Project. The Department will reimburse the Municipality an additional \$3,600,000 of STP-DA funds and \$400,000 of TAP funds. The Municipality will provide \$1,000,000 as their local match. In accordance with federal guidelines, the Project completion date is extended to September 24, 2020 in lieu of September 30, 2015.

City of Mebane  
Alamance County  
U-5538C  
44113.1.3  
44113.2.3  
44113.3.3

This Project consists of intersection improvements at NC 119 and SR 1981 (Trollingwood-Hawfields Road)/ SR 2126 (Old Hillsborough Road) in Mebane. The improvements consist of left turn lanes at all approaches to the intersection. The Department shall be responsible for all phases of the Project. The Municipality will reimburse the Department 100% of the cost of right of way acquisition and utility relocation. The total estimated cost is \$150,000.

City of Greensboro  
Guilford County  
U-5842  
54042.1.1  
54042.2.FD1  
54042.3.FD1

This Project consists of intersection improvements on Pisgah Church Road at North Elm Street in Greensboro. The Department is responsible for all phases of the Project. The Department shall participate in an amount not to exceed \$744,000 (80%) in STP funds. The Municipality will be responsible for providing \$186,000 (20%) matching funds and all costs that exceed the total estimated cost of \$930,000.



NCDOT March 3, 2016 Board of Transportation Agenda

Division 7, con't.

Norfolk Southern  
Railroad Company (NS)  
North Carolina Railroad  
Company (NCRR)  
Guilford County  
P-4405L  
43219.2.STR01P4405L

This Rail Agreement covers the closure and removal of the PVA at-grade crossing (Crossing No. 722 974C, milepost 7.40) serving the Long & Patterson parcels near McLeansville. The Department, under a prior right-of-way agreement, has acquired the access rights to the crossing from the property owners. The agreement has also provided for the construction of an alternate access driveway to serve the parcels. The total estimated cost to the Department is \$25,000.

City of High Point  
Guilford County  
EL-5104  
45215.1.1  
45215.3.1

This Project consists of the construction of the High Point Greenway Trail between Deep River Road (SR 1523) and ending at the entrance to the Piedmont Environmental Center off Penny Road (SR 1536) in Guilford County. This Supplemental Agreement is to add the construction phase and increase the funding for the Project. The Department shall participate in an additional amount not to exceed \$1,236,000 (80%) in CMAQ funds. The Municipality will be responsible for providing an additional match of \$309,000 (20%) matching funds and all costs that exceed the total estimated cost of \$1,663,750.

Division 10

Town of Midland  
Cabarrus County  
C-5503  
45496.1.1  
45496.3.1

This Project consists of construction of approximately 3,000 linear feet of sidewalk at the intersection of US 601 and NC 24/27. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from CMAQ funds, not to exceed \$112,000. The Municipality will be responsible for providing the 20% (\$28,000) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost of \$140,000.

City of Concord  
Cabarrus County  
B-5123  
42265.3.1

This Project consists of grading, drainage, paving and structure for replacement Bridge 14 and 19 over Rocky River and Access Road on US-29 in Concord. The Department shall prepare the environmental and/or planning document, plans and specifications, construct the Project, and acquire any needed right of way at no cost to the Municipality. The Municipality shall relocate and adjust any municipally-owned utilities.

NCDOT March 3, 2016 Board of Transportation Agenda

Division 10, con't.

City of Charlotte  
Mecklenburg County  
U-0209B  
34749.3.GV4

This Project consists of widening of Independence Boulevard from Albemarle Road to east of Conference Drive with the construction of interchanges at Sharon Amity Road and Idlewild Road in Charlotte. This Supplemental Agreement is to increase funding and expand the scope of the project to include Intelligent Transportation Systems (ITS) improvements within the project limits in conjunction with other signalization work being performed by the Municipality. The Department will provide an additional \$241,938 in project funds.

Norfolk Southern Railway  
Company (NS)  
Mecklenburg County  
P-2918F  
49999.3STR8  
Mecklenburg

This Rail Agreement covers construction related to the NCDOT Charlotte Locomotive Railcar Maintenance Facility (LRMF) including the construction and/or rehabilitation of side tracks and related signal and train control work to facilitate rail equipment access to the LRMF. The Project shall include permitting, construction, and construction-related activities including, but not limited to, inspection, flagging, and superintendence within the NS track corridor. NS will perform all work associated with the track and signals including grading, reconfiguration of track, track construction, track surfacing, signal installation, cut-ins, and tie-ins. The Department will do all environmental permitting, utility relocation, and will perform grading and track improvements to tie the LRMF lead track to existing track. This project is part of the Piedmont Improvement Program with an estimated cost of \$8,354,000.

Division 11

Eastern Federal Lands Highway  
Division (EFLHD)  
Town of Blowing Rock  
Watauga County  
EB-5798  
44651

This Project consists of the construction of concrete sidewalk along Hwy 221 from US 321 Business (Main Street) to the entrance of the Moses Cone Estate and Bass Lake in Blowing Rock, funded by \$980,000 in Federal Lands Access Program (FLAP) funds. The Municipality shall provide the non-federal match of \$232,044 and all cost that exceeds the total estimated Project cost of \$1,220,000.

NCDOT March 3, 2016 Board of Transportation Agenda

Division 14

Eastern Federal Lands Highway  
Division (EFLHD)  
Southwestern Commission  
Swain County  
EB-5797  
46867

This Project consists of a feasibility study and an analysis of alternatives for bike and pedestrian facilities in conjunction with roadway improvements to East and West Deep Creek Roads for future connection to the Great Smoky Mountain National Park in Swain County. The Project will be funded by \$48,000 in Federal Lands Access Program (FLAP) funds. The Department shall provide the non-federal match of \$11,000 and all costs that exceed the total estimated Project cost of \$59,000.

Town of Franklin  
Macon County  
B-5125  
42271.3.2

This Project consists of replacement of Bridge 22 over the Little Tennessee River on US-441 Business in Macon County. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$7,346.50.

NCDOT March 3, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 26 Agreements for informational purposes only.

Division 3

Town of Leland  
Brunswick County  
3.201011

The Project consists of routine sweeping maintenance on SR 1472 (Village Road) from US 17/74/76 (Andrew Jackson Highway) to Oakland Avenue. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$182.27 or four (4) sweeping cycles annually at a cost of \$45.57 per cycle.

Town of Surf City  
Pender County  
3.107111

This Project consists of the installation of a 110 foot infiltration chambers and one (1) drop inlet on NC 50 near house number 1911. The site is located on NC 50 approximately 350 feet south of Sound Drive. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department \$20,000 for work performed by the Department. The estimated total cost of Project is \$20,000.

City of Jacksonville  
Onslow County  
43968

This Project consists of site preparation & parking lot pavement for the Sturgeon City Environmental Education Center located near Court Street. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$150,000. Costs which exceed this amount shall be borne by the Municipality.

City of Jacksonville  
Onslow County  
44721

This Project consists of repair work on Carolina Forest Boulevard to include patching asphalt, milling & overlaying asphalt, removal and replacement of damaged curb & gutter and concrete monolithic islands. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$250,000. Costs which exceed this amount shall be borne by the Municipality.

Division 5

Google Fiber, Inc.  
Durham County  
36249.3591

This Project consists of the construction and/or modification of the placement of cables and equipment on utility and telecommunications poles in Durham and Wake County. The Developer shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$50,000.

NCDOT March 3, 2016 Board of Transportation Agenda

Division 5, con't.

Food Lion, LLC  
Johnston County  
36249.3592

This Project consists of traffic signal review and inspection of SR 1010 (Cleveland Road) and SR 1514 (McLemore Road) in Clayton. The Developer shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$5,000.

D & N Development, LLC  
Wake County  
36249.3593

This Project consists of revising the existing signal at SR 2000 (Falls of the Neuse Road) and SR 2012 (Litchford Road) in Raleigh. The Developer shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$5,000.

Standard Pacific of the Carolinas,  
LLC  
Wake County  
36249.3580

This Project consists of the new signal installation at SR 1536 (McCrimmon Parkway) and Town Hall Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$50,000.

The Keith Corporation  
Granville County  
36249.3605

This Project consists of the upgrading the existing signal (05-2197) at US 158 (Williamsboro Street) and the entrance to Revlon. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$5,000.

Division 6

Town of Spring Lake  
Cumberland County  
36249.3596

This Agreement is to provide de-icing salt to the Municipality for the safe and efficient utilization of transportation systems in Spring Lake. The Municipality shall reimburse the Department 100% of the actual cost of the de-icing salt. The estimated reimbursement to the Department is \$106 per ton for up to 60 tons.

City of Oxford  
Granville County

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 6, con't.

JEN North Carolina 5, LLC  
Wake County  
36249.3599

The Project consists of upgrading the existing signal at U S401 (Louisburg Road) and SR 2049 (Forestville Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Division 8

Town of Siler City  
Chatham County  
36249.3597

This Project consists of the fabricating, delivering, and installing two (2) slogan signs onto existing "WELCOME TO" sign assemblies on US 64 in Siler City. The Department shall design, fabricate and provide the labor for the installation of the signs. The Municipality shall reimburse the Department 100% of the actual cost of the work. The estimated reimbursement is \$700.

Town of Liberty  
Randolph County  
36249.3608

This Agreement is to provide de-icing salt to the Municipality for the safe and efficient utilization of transportation systems in Randolph County. The Municipality shall reimburse the Department 100% of the actual cost of the de-icing salt. The estimated reimbursement to the Department is \$95.96 per ton.

Division 9

Davie County  
36249.3600

This Project consists of the fabrication and installation of two "Welcome to Davie County" signs with the County Seal on I-40. The Department shall design, fabricate and provide the labor for the installation of the signs. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$2,500.

Montessori School of Winston-Salem  
Forsyth County  
36249.3601

This Project consists of the fabrication and installation of two (2) School Directional Signs on SR 1103 (Lewisville-Clemmons Road). The Department shall design, fabricate and provide the labor for the installation of the signs. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$600.

NCDOT March 3, 2016 Board of Transportation Agenda

Division 9, con't.

Town of Rockwell  
Rowan County  
44500

This Project consists of the installation of curb and gutter and drainage structures on Cannon Street (SR 2333) from Vine Street to Cal Miller Road and resurfacing from Vine Street to NC 152 in Rockwell. The Department shall be responsible for planning, design, construction and will participate in the actual construction costs up to a maximum amount of \$350,000 in State Contingency funds. Costs which exceed this amount shall be borne by the Municipality.

Division 10

City of Concord  
Cabarrus County  
C-4918B  
44018.1.2  
44018.2.2  
44018.3.2

This Project consists of the construction of additional through lanes on US 601 North and NC 3 East; traffic signal upgrades; upgrades of pedestrian facilities to ADA standards; replacement of commercial and residential drives with concrete driveway aprons; installation and upgrade of curb, gutter and drainage facilities in Concord. This Supplemental Agreement is to extend the completion date of the Project. The completion date shall be extended to December 31, 2016 in lieu of December 31, 2015.

Rea Ventures  
Anson County  
36249.3518

This Project consists of the design and modification of the existing traffic signal at the intersection of US 74 and US 52 North at Abbington Grove in Wadesboro. This shall include communication plans and modifications to the existing coordination timing plans. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Ryan Companies US, Inc.  
Cabarrus County  
36249.3594

This Project consists of the modification of five (5) existing traffic signals and the installation of one new traffic signal necessitated by lane additions, changes to lane configurations, and changes to phasing associated with three (3) charter schools. The signals are located in both Cabarrus and Union Counties. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$30,000.

NCDOT March 3, 2016 Board of Transportation Agenda

Division 10, con't.

SunCap Property Group  
Cabarrus County  
36249.3602

This Project consists of the modification of two (2) existing traffic signals in Concord; one located at the intersection of Davidson Highway (NC 73) and International Drive (SR 1429); and one at the intersection of International Drive (SR 1429) and Poplar Tent Road (SR 1394); also includes the installation of a new traffic signal at International Drive (SR 1429) and Global Avenue in Concord. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$15,000.

Union County Public Works  
Union County  
36249.3603

This Project consists of the installation of a new traffic signal at the intersection of US 601 and Concord Avenue in Monroe. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

City of Charlotte  
Mecklenburg County  
C-5540  
51010.1.1  
51010.2.1  
51010.3.1

This Project consists of the construction of sidewalk on the north side of Nevin Road from Alpine Drive to Gibbon Road; on the south side of Gibbon Road from Nevin Road to W. Sugar Creek Road; and completion of several gaps in the sidewalk on the east side of W. Sugar Creek Road between Bisaner Street and Mallard Creek Road. This Supplemental Agreement extends the completion date to March 27, 2018 in lieu of April 30, 2016.

City of Charlotte  
Mecklenburg County  
C-5543  
51013.1.F1  
51013.2.F1  
51013.3.F1

This Project consists of construction of approximately 0.72 miles of sidewalk on the south side of Sunset Road between I-77 and Statesville Avenue. The Project will also install sidewalk on the overpass of I-77 in Charlotte. This Supplemental Agreement extends the completion date to November 17, 2019 in lieu of December 31, 2016.

Division 11

Town of Yadkinville  
Yadkin County  
36249.3595

This Agreement is to provide de-icing salt and salt brine solution to the Municipality for the safe and efficient utilization of transportation systems in the Town of Yadkinville. The Municipality shall reimburse the Department 100% of the actual cost of the de-icing salt and salt brine solution. The estimated reimbursement to the Department is \$82.02 per ton for de-icing salt and \$.80 cents per gallon for the salt brine solution.



NCDOT March 3, 2016 Board of Transportation Agenda

Division 14

Tryon International Equestrian  
Center  
Polk County  
3714.3.31

This Project consists of landscaping and tree plantings along US 74 at Exit 170 (Pea Ridge Road). The Department shall develop the landscape design, prepare plans and site and install the plantings. The Developer shall assume maintenance of the plantings after one year.

**NCDOT March 2016 Board of Transportation Agenda**

**Approval of Municipal Street System Changes**

**Additions to the State Highway System**

<b>Division</b>	<b>County</b>	<b>Municipality</b>	<b>Road</b>	<b>Termini</b>	<b>Length</b>
10	Mecklenburg 2016_03_M002	Pineville	SR 4931	To add Carolina Place Parkway	0.14
				To add Muskerry Drive	0.08
			SR 3637	To add Dorman Road	0.04

**Deletions from the State Highway System**

<b>Division</b>	<b>County</b>	<b>Municipality</b>	<b>Road</b>	<b>Termini</b>	<b>Length</b>
4	Johnston 2016_03_M001	Smithfield	SR 2398	To delete (SR 2398) Outlet Center Drive	1.48
10	Mecklenburg 2016_03_M001	Cornelius	SR 2151	To delete (SR 2151) Jetton Road from W. Catawba Avenue to John Connor Road	1.90
	Mecklenburg 2016_03_M003	Pineville	SR 4904	To delete (SR 4904) Old Pineville Road	0.11
	Union 2016_03_M001	Marshville	SR 1807	To delete (SR 1807) Brice Griffin Road	0.31
12	Cleveland 2016_03_M001	Kingstown	SR 1418	To delete (SR 1418) Calla Lane	0.12

## **NCDOT March 2016 Board of Transportation Agenda**

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

**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 6)**

**Harnett County; I.D. No. W-5601AO; Project No. 50138.2.42:**  
NC 87 at SR 1115 (Buffalo Lake Road)

**Cumberland County; I.D. No. U-2519BA; Project No. 34817.2.16:**  
Fayetteville Outer Loop from South of SR 1003 (Camden Road to South of SR 1104 (Strickland Bridge Road) Utilities

**(Division 9)**

**Forsyth County; I.D. No. W-5601AM; Project No. 50138.2.40:**  
SR 2021 (Dobson/Kerner Roads) at SR 2024 (Old Valley School Road) in Kernersville

**(Division 10)**

**Cabarrus County; I.D. No. B-5548; Project No. 55048.2.1:**  
Bridge No. 103 over Dutch Buffalo Creek on NC 49

**Union County; I.D. No. W-5601BH; Project No. 50138.2.61:**  
SR 1008 (Waxhaw Indian Trail Road) and SR 1346 (Beulah Church Road) near Wesley Chapel

**PRELIMINARY RIGHT OF WAY PLANS****5 PROJECT(S)****\$0.00**

**Final Right of Way Plans**

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

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

**(Division 2)****Project No. 46000.2.2; Beaufort County; I.D. No. B-5300:**

Grading, drainage, paving and structure on Bridge No. 55 over Pantego Creek on US 264 with the right of way indicated upon the final plans for said project.

**(Division 8)****Project No. 42286.2.FD1; Randolph County; I.D. No. B-5128:**

Grading, drainage, paving and culvert on Bridge No. 58 over an unnamed tributary of the Little Uwharrie River on SR 1404 (Fuller Mill Road) with the right of way indicated upon the final plans for said project.

**(Division 12)****Project No. 38523.2.3; Gaston County; I.D. No. B-4751:**

Grading, drainage, paving and structure on Bridge No. 203 over Stanley Creek on SR 1935 (Willowside Drive) 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 11)****Project No. 34402.2.6; I.D. No. R-2237C; Caldwell & Watauga Counties:**

Final Right of Way plans approved on the minutes of the December 1, 2011 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 4 as presented at the March 3, 2016 Board of Transportation Meeting.

**Approval of conveyance of Highway Right of Way Residues**

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

**(Division 7)**

**Project 6.498014T, Parcel U-2524AC 023B, Greensboro Western Loop from North of Norfolk Southern Railroad to I-40**

**Guilford County**

Conveyance of an approximate 1.360-acre residue area to Gail Coleman for the high bid amount of \$255,000.00.

**Project 6.498014T, Parcel U-2524AC 805, Greensboro Western Loop from North of Norfolk Southern Railroad to I-40**

**Guilford County**

Conveyance of an approximate 2.061-acre residue area to Keystone Group, Inc. for the high bid amount of \$14,950.00.

**(Division 9)**

**Project 43219.STR08P5206, Parcel P-5206C 031C, NC Railroad/Norfolk Southern from South of Mt. Hope Church Road to North of Ryder Avenue**

**Rowan County**

Conveyance of an approximate 0.293-acre residue area to North Carolina Railroad Company, A North Carolina Corporation; the only interested adjacent owners, for the appraised value \$1,725.00.

**CONVEYANCE ROW RESIDUE**

**3 PROJECT(S)**

**\$271,675.00**

**Approval of conveyance of Surplus Highway Right of Way**

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

**(Division 5)**

**Project 35520.2.3/35520.5.TA1, R-2635B 023Z, Western Wake Freeway from South of US 1 to South of US 64**

**Wake County**

Conveyance of an approximate 1.252-acre surplus right of way area to Rosewood 1322, LLC for the appraised value of \$83,300.00.

**CONVEYANCE OF SURPLUS RIGHT OF WAY**

**1 PROJECT(S)**

**\$83,300.00**



**NCDOT March 2015 Board of Transportation Agenda**

**R-6**

**Approval of Revision in Control of Access**

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

**(Division 3)**

**Project 34407.3.1, Parcel R-2245 106, New Route from SR 1104 (Beach Drive) to NC 211 (2<sup>nd</sup> Bridge to Oak Island)**

**Brunswick County**

Grant of a revision in the existing control of access to the Town of St. James for a break in along SR 1105 (E.F. Middleton Blvd) between the Second Oak Island Bridge and NC 211 for the enhancement value of (pending).

**REVISION IN CONTROL OF ACCESS**

**1 PROJECT(S)**

**(pending)**

<b>R-ITEM SUMMARY</b>	<b>16 PROJECT(S)</b>	<b>TOTAL: \$666,625.00</b>
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**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2015 - 2016**

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

February 16, 2016

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Branch

SUBJECT: Submission of the Wilmington MPO Comprehensive Transportation Plan  
for Mutual Adoption by the Board of Transportation

The Transportation Planning Branch has worked cooperatively with the Wilmington MPO on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by the Wilmington MPO on January 27, 2016.

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

[https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study\\_id=Wilmington](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Wilmington)

The Transportation Planning Branch recommends the mutual adoption of the Wilmington MPO Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of February 12, 2016.

Sincerely,

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

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

Attachment

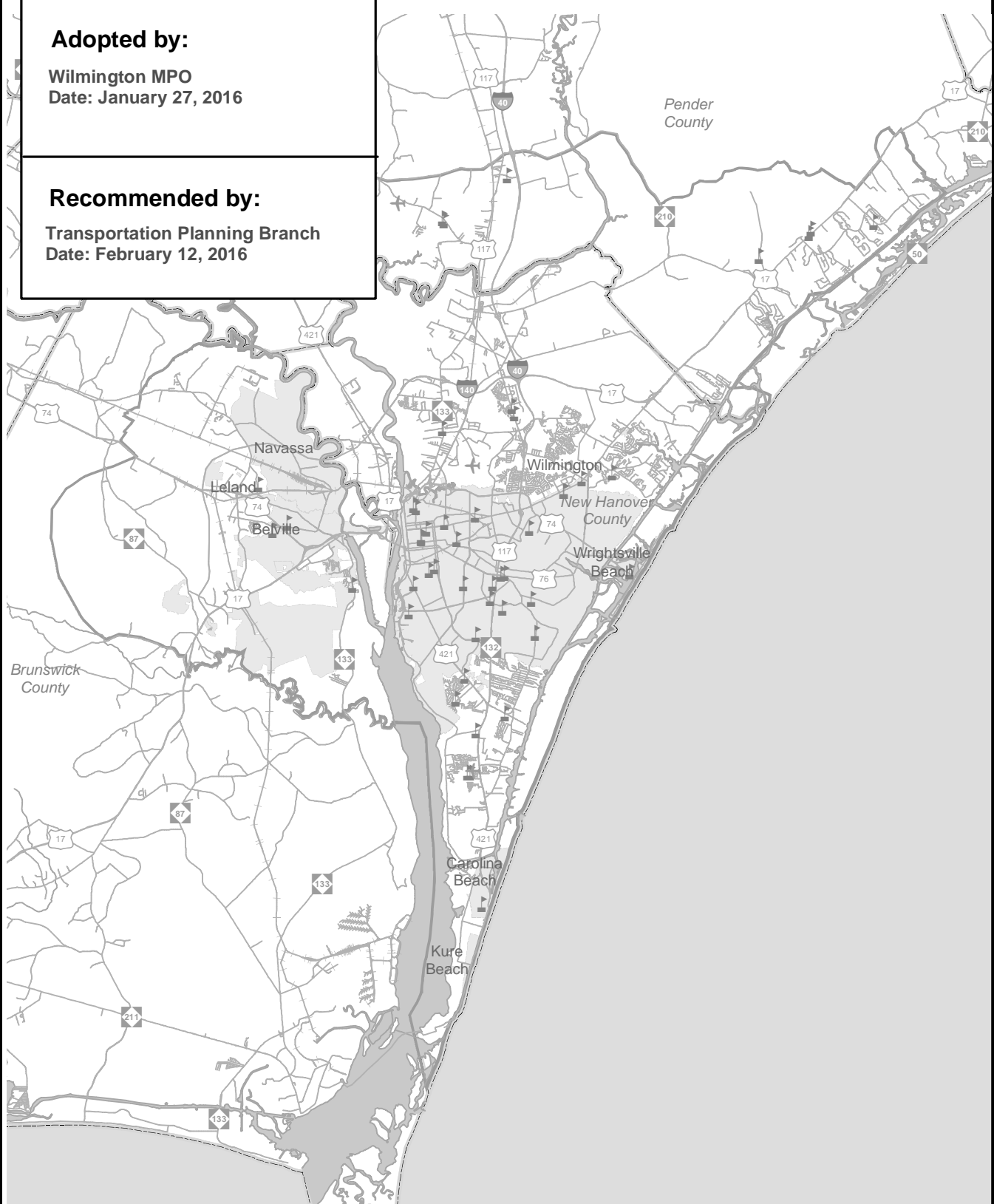
March 3, 2016

## Adopted by:

Wilmington MPO  
Date: January 27, 2016

## Recommended by:

Transportation Planning Branch  
Date: February 12, 2016



Sheet 1 Adoption Sheet









Sheet 2 Highway Map

Sheet 3 Public Transportation  
and Rail Map

Sheet 4 Bicycle Map

Sheet 5 Pedestrian Map

## Legend

-  Airports
-  Schools
-  Roads
-  Rail Roads
-  MPO Boundary
-  Water
-  Municipal Boundary
-  County Boundary

0 1 2 4 6  
Miles



Sheet 1 of 5

Base map date: 6/1/2015

## Adoption Sheet



**Wilmington MPO**

**Comprehensive  
Transportation Plan**

Plan date: January 27, 2016

February 16, 2016

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Branch

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

The Transportation Planning Branch has worked cooperatively with Perquimans County, the Town of Hertford, and the Town of Winfall on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Perquimans County on January 4, 2016, the Town of Hertford on January 11, 2016, and the Town of Winfall on January 11, 2016. The Albemarle RPO endorsed the plan on January 27, 2016.

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

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

The Transportation Planning Branch recommends the mutual adoption of the Perquimans County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of February 1, 2016.

Sincerely,

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

Patrick Norman, P.E.

Manager, Transportation Planning Branch

Attachment

March 3, 2016

Gates County

Currituck County

**Adopted by:**

Town of Hertford  
Date: Jan 11, 2016

Town of Winfall  
Date: Jan 11, 2016

Perquimans County  
Date: Jan 04, 2016

NCDOT  
Date:

**Endorsed by:**

Albemarle RPO  
Date: Jan 27, 2016

**Recommended by:**

Transportation Planning Branch  
Date: Feb 01, 2015

**NOTES:**

No recommendations for Sheet 3 -  
Public Transit and Rail Map

Pasquotank County

Camden County



**Perquimans County  
North Carolina**

**Comprehensive  
Transportation Plan**

Plan date: Nov 04, 2015








Sheet 1 **Adoption Sheet**

Sheet 2 **Highway Map**

Sheet 3 **Public Transportation  
and Rail Map**

Sheet 4 **Bicycle Map**

Sheet 5 **Pedestrian Map**

-  Schools
-  Roads
-  Rail
-  Water
-  Municipal Boundary
-  Military Base
-  County Boundary

0 0.5 1 2 3 4 Miles

Sheet 1 of 5



Base map date: June 2014

Refer to CTP document for more details

Perquimans River

Tyrrel County

Chowan County

Washington County

Harvey Point

Hertford

Winfall

## DBE/MB/WB LETTING SUMMARY FOR CENTRALLY LET PROJECTS

### Federal Contract Awards Summary

Oct 2015 let through Feb 2016 let

Federal Fiscal Year 2015/2016

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
						MB		WB	
	\$	\$	%	\$	%	\$	%	\$	%
Monthly	188,781,141.88	26,517,143.44	14.0	25,684,744.60	13.6	9,060,091.00	4.8	16,624,653.60	8.8
FY to Date	320,669,001.71	38,349,272.62	12.0	37,983,307.90	11.8	12,631,977.90	3.9	25,351,330.00	7.9

### State Contract Awards Summary

Jul 2015 let through Feb 2016 let

State Fiscal Year 2015/2016

	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
	\$	\$	%	\$	%	\$	%	\$	%
Monthly	22,914,374.74	891,240.36	3.9	580,295.00	2.5	1,228,063.77	5.4	1,025,283.10	4.5
FY to Date	225,060,016.45	9,436,603.87	4.2	7,323,284.80	3.3	12,552,118.48	5.6	14,334,607.15	6.4

Letting Date(s): February 16, 25 2016

Award Date: March 3rd, 2016

Award Subject to Secretary's Approval



LETTING DATES: February 16, 25, 2015  
AWARD DATE: March 4, 2015

Contract Information	County	Work Description	Prime Contractor	ADVERTISED GOALS SET			PARTICIPATION SUBMITTED			GOOD FAITH EFFORT AWARDED		AWARDED BY SECRETARY	
				YES	NO		YES	NO		YES	NO	YES	NO
53003.3.1 NHPP-0040(019)393 I-5722 C203813	PENDER	PAVEMENT REHABILITATION AND DRAINAGE.	S. T. WOOTEN CORPORATION	8.0	0.0	0.0	8.0	0.0	0.0			X	
52002.3.1, 52004.3.1 NHPP-0095(23)152, etc. I-5724, I-5726 C203777	HALIFAX, NASH	PAVEMENT REHABILITATION.	BARNHILL CONTRACTING COMPANY	9.0	0.0	0.0	0.8	0.0	0.0	X		X	
52005.3.1, 53048.3.1 NHPP-0095(22)124, etc. I-5727, I-5842 C203778	WILSON	PAVEMENT REHABILITATION.	S. T. WOOTEN CORPORATION	9.0	0.0	0.0	5.8	0	0	X		X	
2016CPT.05.06.10911.1, etc. C203817	VANCE, WARREN	MILLING, RESURFACING, WIDENING, AND SHOULDER RECONSTRUCTION.	S. T. WOOTEN CORPORATION	0.0	5.0	8.0	0.0	4.0	5.8	X		X	
2016CPT.05.17.10911.1 C203816	VANCE	MILLING AND RESURFACING.	FSC II LLC DBA FRED SMITH COMPANY	0.0	4.0	5.0	0.0	6.9	3.9	X		X	
43741.3.FS1 HSIP-0074(155) W-5518 C203781	COLUMBUS	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	BMCO CONSTRUCTION, INC.	9.0	0.0	0.0	9.0	0.0	0.0			X	
52018.3.1, 53010.3.1 NHPP-0074(174), etc. I-5736, I-5767 C203779	GUILFORD, FORSYTH	PAVEMENT AND BRIDGE REHABILITATION.	SHARPE BROTHERS A DIV OF VECCELLIO & GROGAN, INC.	9.0	0.0	0.0	9.0	0.0	0.0			X	
52022.3.1 NHPP-0085(22) I-5741 C203814	ROWAN	DRAINAGE, PAVEMENT REHABILITATION, AND BRIDGE PRESERVATION.	No Bidders	N/A	0.0	0.0	N/A	0.0	0.0				
2016CPT.10.17.10041.2, etc. C203815	ANSON	MILLING, RESURFACING, SHLD RECONSTRUCTION, AND SHLD CONST.	J. T. RUSSELL & SONS, INC.	0.0	3.0	3.0	0.0	0.0	2.1	X		X	
42330.3.FD1 BRZ-1328(6) B-5173 C203668	SURRY	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	SMITH-ROWE, LLC	7.0	0.0	0.0	7.0	0.0	0.0			X	
42846.3.2 B-5244 C203669	BUNCOMBE	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	MILLER ENGINEERING COMPANY, INC	0.0	2.0	4.0	0.0	2.0	4.0			X	
43587.3.1 R-5605 C203752	TRANSYLVANIA	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.	Good Faith Effort appeal	0.0	0.0	0.0	0.0	0.0	0.0		X		
45552.3.1 IMF-026-1(191)47 I-5504 C203754	BUNCOMBE	DESIGN BUILD.	Blythe Development Co.	14.0	0.0	0.0	14.0	0.0	0.0			X	
36780.3.GV3 NHIMF-085-2(78)63 I-3802B, I-3610, B-5385 C203702	ROWAN, CABARRUS	DESIGN-BUILD.	The Lane Construction Corporation	16.0	0.0	0.0	16.0	0.0	0.0			X	



March 2, 2016

## *Financial Update*

David Tyeryar, Chief Financial Officer



# Financial Update

## SFYTD 2016 as compared SFYTD 2015

Dollars in Millions	January 16	January 15	Year to Date		
			January 16	January 15	% Change
Revenue Collections	\$ 355	\$ 429	\$ 2,743	\$ 2,683	2.2%
Expenditures	<u>324</u>	<u>310</u>	<u>2,752</u>	<u>2,698</u>	2.0%
Net Change	\$ 31	\$ 119	\$ (9)	\$ (15)	
	January 16	January 15			
Cash Balances:					
Trust Fund	\$ 1,303	\$ 997			
Highway Fund*	<u>138</u>	<u>104</u>			
Totals	<u>\$ 1,441</u>	<u>\$ 1,101</u>			

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



Unaudited Financial Report

Transportation

# Revenue Summary January 2016

## (\$ in Millions)

	January 2016	January 2015	Year Over Year				SFY to Budget		
			2015-2016 Actual	2014-2015 Actual	\$	%	Budget to Date	\$	%
<b>State &amp; Federal Receipts:</b>									
Highway Fund *	\$ 175.1	\$ 166.4	\$ 1,155.5	\$ 1,157.3	\$ (1.8)	0%	\$ 1,113.5	\$ 42.0	4%
Highway Trust Fund *	110.9	105.0	808.0	707.5	100.5	14%	752.8	55.2	7%
Total State Funds	286.0	271.3	1,963.5	1,864.8	98.7	5%	\$ 1,866.3	\$ 97.2	5%
Federal Funds/Participation	44.8	154.7	662.1	775.8	(113.7)	-15%			
GARVEE Reimbursement/NCTA	23.9	2.7	117.3	42.0	75.3	179%			
Total	\$ 354.7	\$ 428.7	\$ 2,743.0	\$ 2,682.6	\$ 60.4	2%			
	January 2016	January 2015	Year Over Year				SFY to Budget		
			2015-2016 Actual	2014-2015 Actual	\$	%	Budget to Date	\$	%
<b>* Memo</b>									
<b>Highway Fund &amp; Trust Fund Details</b>									
Motor Fuel Taxes	\$ 159.6	\$ 157.5	\$ 1,140.3	\$ 1,113.2	\$ 27.1	2%	\$ 1,056.3	\$ 84.0	8%
Highway Use Tax	54.6	55.9	406.0	367.3	38.7	11%	371.5	34.5	9%
DMV/Other Revenue	70.9	57.4	412.4	381.6	30.8	8%	437.3	(24.8)	-6%
Investment Income	0.9	0.5	4.8	2.7	2.1	79%	1.3	3.5	261%
Total	\$ 286.0	\$ 271.3	\$ 1,963.5	\$ 1,864.8	\$ 98.7	5%	\$ 1,866.3	\$ 97.2	5%



# Expenditure Summary January 2016

(\$ in millions)

			Year Over Year				SFY to Budget		
	Jan-16	Jan-15	2015-2016 Actual	2014-2015 Actual	\$	%	2015-2016 Budget	\$	%
<b>State &amp; Federal Funded Programs:</b>									
Construction	\$ 126.5	\$ 161.9	\$ 1,241.8	\$ 1,254.8	\$ (13.0)	-1%	\$ 1,472.9	\$ (231.1)	-16%
Maintenance	79.5	65.2	723.0	701.1	21.9	3%	712.9	10.1	1%
Public Transportation	9.0	2.6	54.2	44.6	9.6	21%	53.2	0.9	2%
Other Modal/Other Programs	10.2	6.7	78.7	79.8	(1.1)	-1%	88.2	(9.5)	-11%
Administration	25.9	26.4	115.1	121.5	(6.4)	-5%	140.4	(25.3)	-18%
Municipal Aid	-	-	147.7	147.1	0.6	0%	147.7	0.0	0%
Transfers to Other Agencies	10.8	8.5	33.5	130.7	(97.2)	NA	24.5	9.1	37%
<b>Total Expenditures</b>	<b>\$ 261.9</b>	<b>\$ 271.2</b>	<b>\$ 2,394.0</b>	<b>\$ 2,479.6</b>	<b>\$ (85.6)</b>	<b>-3%</b>	<b>\$ 2,639.8</b>	<b>\$ (245.8)</b>	<b>-9%</b>
<b>GARVEE/NCTA/Special Initiatives</b>	<b>\$ 62.4</b>	<b>\$ 38.5</b>	<b>\$ 357.6</b>	<b>\$ 218.3</b>	<b>\$ 139.3</b>	<b>64%</b>			



# Revenue & Expenditure Variances > 5%

## As of January 31, 2016

<b>RECEIPTS</b>		
<b>State &amp; Federal Receipts:</b>	<b>Budget/Actual</b>	<b>Reason for Variance</b>
Highway Use Tax	9%	Car sales are higher than estimated.
Motor Fuels Taxes	8%	Motor fuel consumption through the second quarter is 6% higher than the same period last state fiscal year.
DMV/Other Revenue	-6%	Estimated Revenue increased 17.6% for FY16. Actual revenue only increased 5.3% due to some fees not being implemented until October or after.
<b>EXPENDITURES</b>		
<b>State &amp; Federal Funded Programs:</b>	<b>Budget/Actual</b>	<b>Reason for Variance</b>
Construction	-16%	STI expenditures are below the estimated budget.
Other Modal/Other Programs	-11%	While the State Appropriation for Aviation is almost \$20M more than for last fiscal year, expenditures lag slightly. However 34 new projects were approved in January so expenditures should catch up in the next few months.
Administration	-18%	It is due to spending prior year carried forward authorizations.

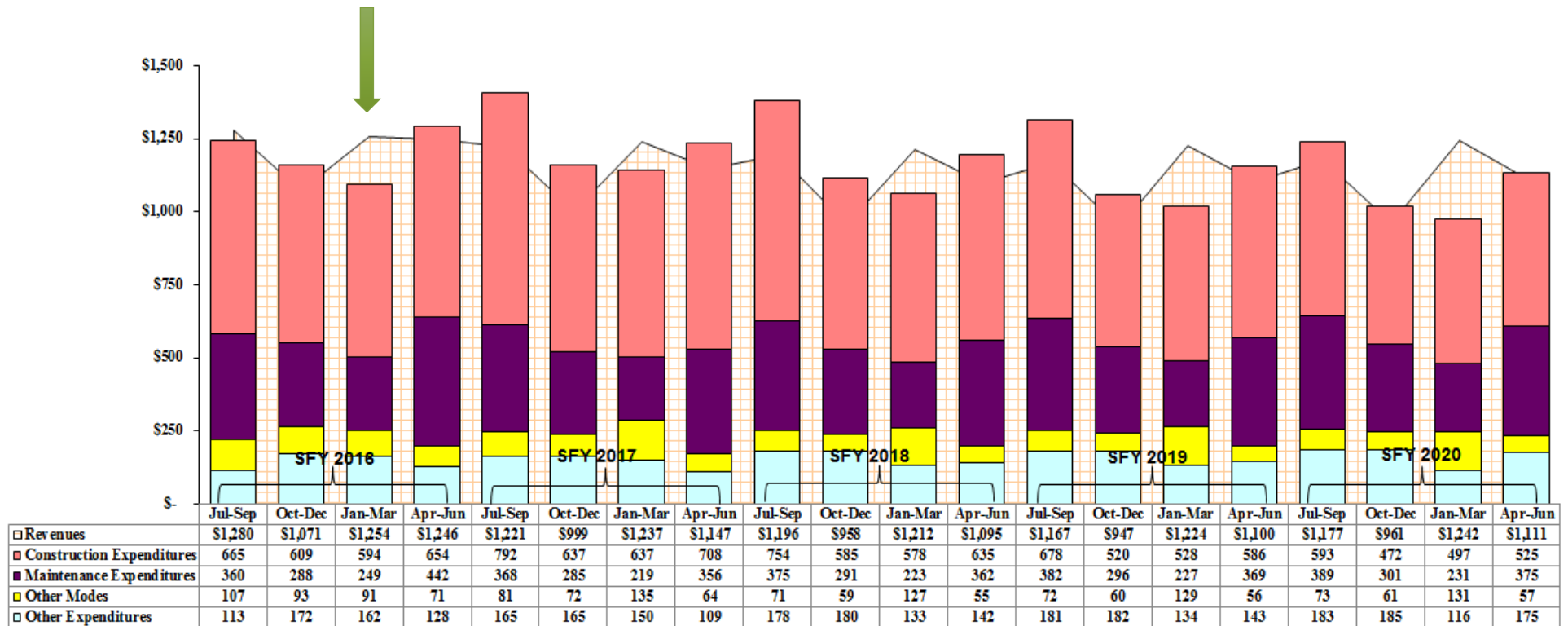


Unaudited Financial Report

Transportation

# 60 Month Cash Model

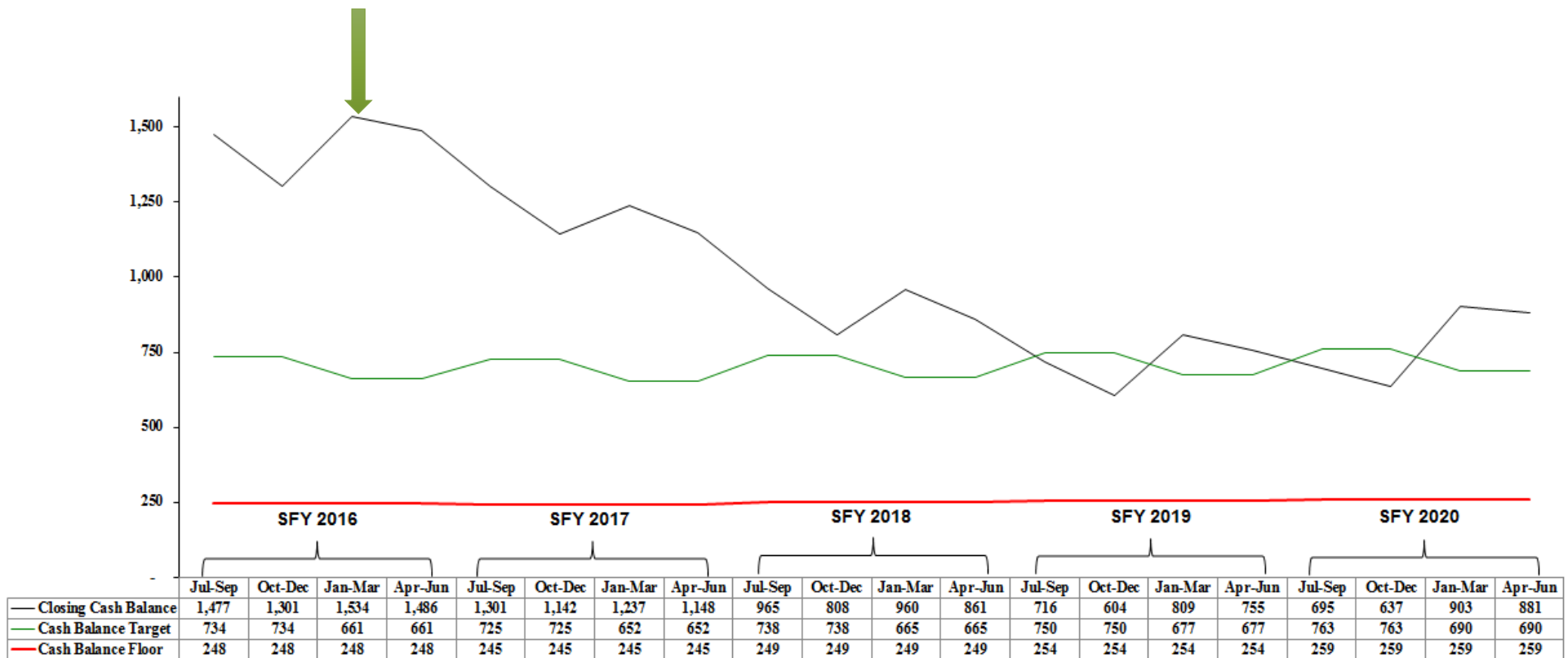
## Revenue & Expenditure Projections as of January 2016



Unaudited Financial Report  
Transportation

# 60 Month Cash Model

## Cash Projections as of January 2016

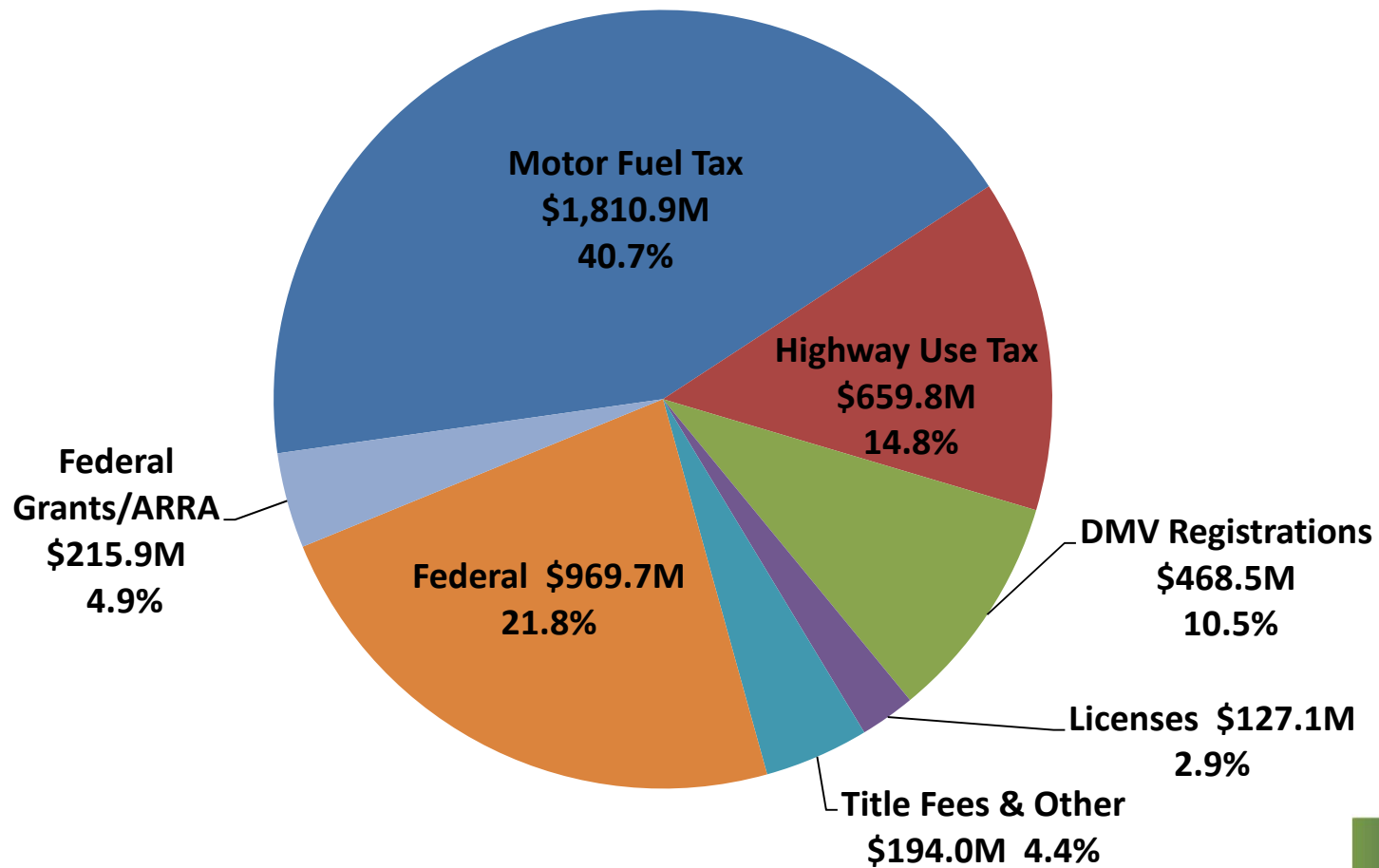


Unaudited Financial Report  
Transportation



# NCDOT Revenue Sources

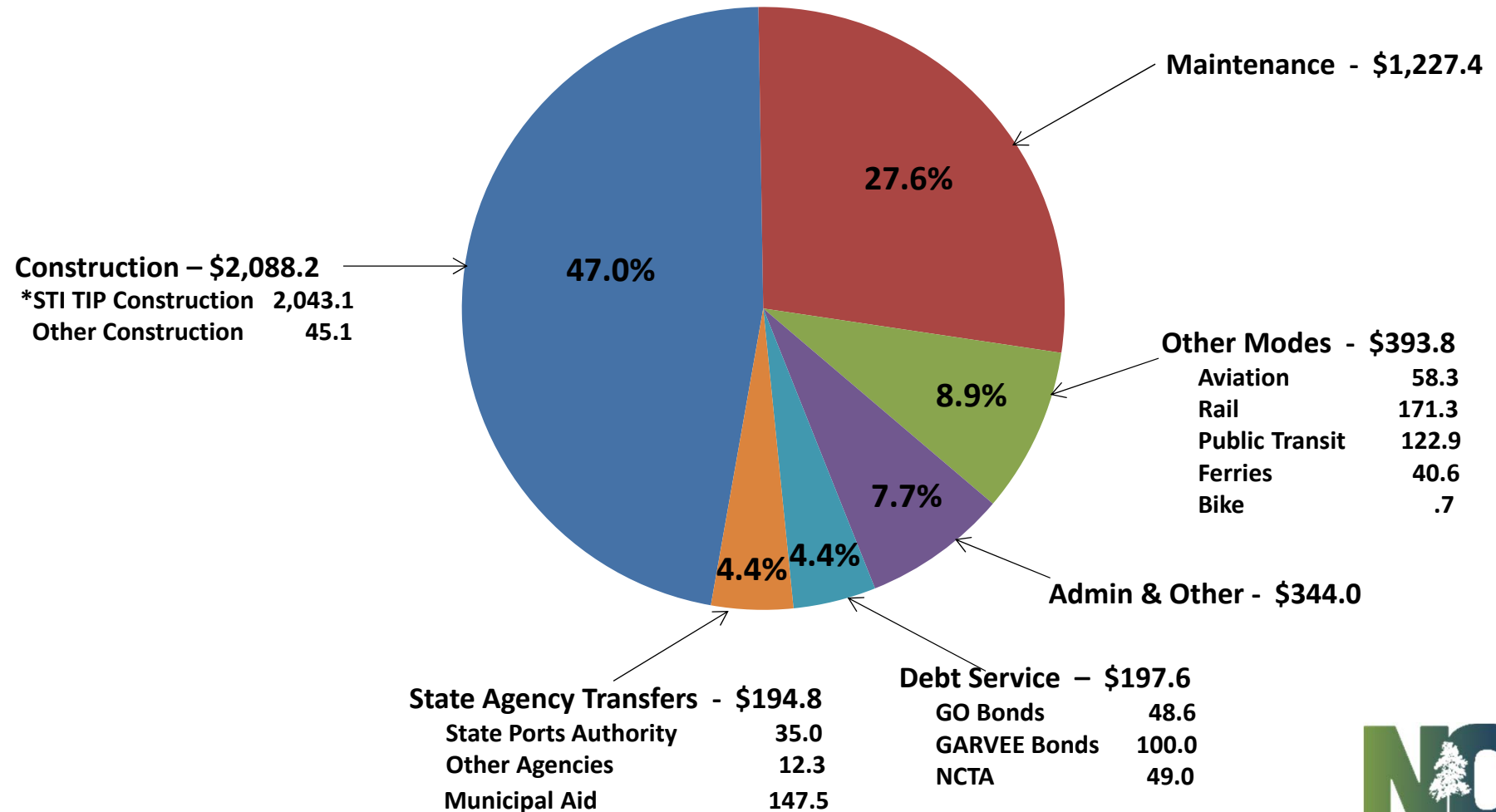
## SFY2016 - \$4.4 Billion



# Uses of 2015-16 NCDOT Appropriations

## Total Funding = \$4.4 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)



Unaudited Financial Report

Transportation

# Right of Way & Preliminary Engineering Expenditures

SFY 2016 Period Ending January 2016

	1st Quarter SFY	2nd Quarter SFY	3rd Quarter SFY	4th Quarter SFY	SFY Totals	SFY Target	% of Target
<b>Right of Way:</b>							
TIP Projects (excluding GV)	\$ 105.2	\$ 99.4	\$ 18.8		\$ 223.4	\$ 300.0 <span style="color: red;">▼</span>	74%
Garvee Projects (GV)	2.5	0.2	0.0		2.7	62.6 <span style="color: red;">▼</span>	4%
<b>Total TIP Projects</b>	<b>\$ 107.7</b>	<b>\$ 99.6</b>	<b>\$ 18.8</b>	<b>\$ -</b>	<b>\$ 226.1</b>	<b>\$ 362.6</b>	
 <b>Preliminary Engineering:</b>							
TIP Projects (excluding TA)	\$ 50.9	\$ 50.0	\$ 15.5		\$ 116.4	\$ 165.0 <span style="color: red;">▼</span>	71%
Toll Authority (TA) Projects	0.9	0.6	0.3		1.8	6.5 <span style="color: red;">▼</span>	28%
<b>Total TIP Projects</b>	<b>\$ 51.8</b>	<b>\$ 50.6</b>	<b>\$ 15.8</b>	<b>\$ -</b>	<b>\$ 118.2</b>	<b>\$ 171.5</b>	

**MEMO: State Fiscal YTD Totals Exclude Specific Allocations**

(\$ in Millions)



Unaudited Financial Report  
*Transportation*

# FFY 2016 Federal Rail Scorecard

## As of January 31, 2016

### ARRA Rail Grant Awards (Inception to Date)

GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	PENDING BILL AMOUNTS	AVAILABLE TO BILL	EXCEPTIONS
NCDOT Piedmont Third & Fourth Frequency Equipment Procurement & Rehabilitation Period of Performance End Date 9-30-2017	\$ 520,000,000	\$ 519,999,379	\$ 370,513,606	\$ 363,331,948	\$ -	\$ 7,181,658	
SE High Speed Rail Corridor PE/NEPA - Richmond, Va to Raleigh, NC Period of Performance End Date 9-01-2015	\$ 4,000,000	\$ 4,000,000	\$ 3,885,059	\$ 3,885,059	\$ -	\$ -	
NCDOT Intercity Passenger Rail Congestion Mitigation Period of Performance End Date 8-30-2014	\$ 26,560,839	\$ 26,560,839	\$ 8,150,262	\$ 6,736,661	\$ -	\$ 1,413,601	
<b>TOTAL ARRA</b>	<b>\$ 550,560,839</b>	<b>\$ 550,560,218</b>	<b>\$ 382,548,927</b>	<b>\$ 373,953,668</b>	<b>\$ -</b>	<b>\$ 8,595,259</b>	<b>\$ 2,510,389</b>

### FEDERAL Rail Grant Awards (NON-ARRA)

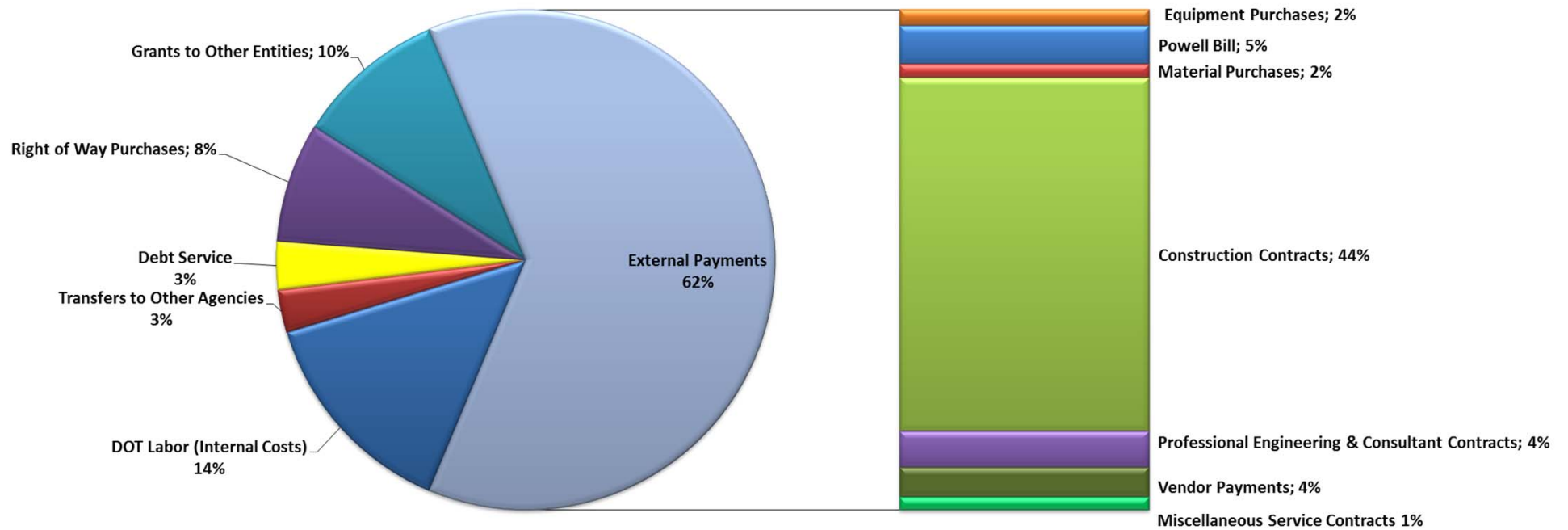
GRANT DESCRIPTION	GRANT AWARD - BUDGET	PROJECT ALLOTMENTS	EXPENDITURES	FEDERAL REIMBURSEMENTS	PENDING BILL AMOUNTS	AVAILABLE TO BILL	EXCEPTIONS
Traditional Rail Projects - Various	\$ 22,200,000	\$ 22,000,000	\$ 3,747,304	\$ 30,464	\$ -	\$ -	\$ (46,406)



Unaudited Financial Report  
Transportation

# NCDOT Expenditures

## SFY2016 as of January 31, 2016



# History of Outsourcing

## Construction, PE & Maintenance

### Direct Payments to Contractors – from Accounting System

LetMonth	2012	2013	2014	2015	2016
July	\$ 448,407,234.80	\$ 185,312,013.66	\$ 176,706,305.23	\$ 113,391,639.12	\$ 110,449,013.36
August	138,357,208.50	289,393,675.95	89,999,231.25	\$ 219,184,446.85	\$ 152,542,311.89
September	158,308,729.59	166,861,142.45	411,096,640.28	\$ 63,613,868.21	\$ 191,800,924.50
October	140,842,886.18	110,471,922.48	130,520,847.46	\$ 259,030,359.39	\$ 90,751,660.73
November	134,024,782.15	67,494,301.44	165,491,329.33	\$ 416,878,346.74	\$ 99,436,537.79
December	92,793,922.73	159,071,326.49	131,252,531.08	\$ 113,550,459.34	\$ 75,546,643.82
January	356,408,776.77	104,084,869.28	359,662,160.77	\$ 101,068,086.75	\$ 108,843,472.19
February	246,292,023.88	164,653,616.54	160,656,840.86	\$ 164,659,003.95	
March	223,848,754.38	285,956,557.24	115,534,131.67	\$ 274,440,078.10	
April	173,734,294.47	125,968,286.35	472,735,059.92	\$ 126,678,089.12	
May	202,516,469.42	186,589,420.50	127,483,945.94	\$ 554,770,633.05	
June	341,428,007.73	103,102,151.15	309,412,638.16	\$ 329,038,815.45	
<b>Total</b>	<b>\$ 2,656,963,090.58</b>	<b>\$ 1,948,959,283.52</b>	<b>\$ 2,650,551,661.95</b>	<b>\$ 2,736,303,826.06</b>	<b>\$ 829,370,564.28</b>





NC Board of Transportation - March 2, 2016

*Highway Maintenance  
Improvement Program*

Randy Finger, PE



## *Summary of Legislative Mandate*

During 2014 Legislative session, NCGA established the Highway Maintenance Improvement Program (Session Law 2014-100, Section 34.11 (a,b))

- Highway Maintenance Improvement Program (HMIP)
  - 3 year improvement schedule for rehabilitation, resurfacing and preservation activities
  - Based on previous FY contract resurfacing and pavement preservation funds
  - Changes made from previous year's plan
  - Posted on the Department's website by April 15<sup>th</sup> each year





# Highway Maintenance Improvement Plan

Includes:

- Year work is to be completed
- Specific roadways in each county
- Type of treatment applied and estimated cost

Plan Year	County	Route	Begin Description	End Description	Length	Budget Group	Treatment	Estimated Cost
FY 2017	Bertie	US 17 Byp	US 13	US 17	6.598	Resurfacing	Mill 1.5" & Replace (B Level) & .75" OGFC	\$ 1,465,000
FY 2017	Bertie	SR 1307	SR 1306	SR 1318	0.880	Resurfacing	Split Seal	\$28,000
FY 2018	Tyrrell	US 64	NC 94	Scuppernong Bridge	0.590	Rehabilitation	Mill 3" & Replace (C Level)	\$200,000

Sample from Division 1



*Questions?*



## REVISIONS TO THE 2016-2025 STIP

### HIGHWAY PROGRAM STIP ADDITIONS

#### DIVISION 4

U-3471	SR 1606 (BLACK CREEK ROAD), US 264 BYPASS TO US	RIGHT-OF-WAY	FY 2023 -	\$2,911,000	(T)
WILSON	301/264 ALTERNATE (WARD BOULEVARD). WIDEN TO	UTILITIES	FY 2023 -	\$349,000	(T)
PROJ.CATEGORY	MULTI-LANES.	CONSTRUCTION	FY 2025 -	\$13,600,000	(T)
DIVISION	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>			\$16,860,000	
	<u>REVENUE (HB 97)</u>				

U-5922	EAST RAILROAD STREET, TOBACCO STREET TO ROCK	RIGHT-OF-WAY	FY 2023 -	\$45,000	(T)
WILSON	QUARRY ROAD. EXTEND ROAD ON NEW LOCATION.	UTILITIES	FY 2023 -	\$5,000	(T)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED DUE TO ADDITIONAL</u>	CONSTRUCTION	FY 2025 -	\$2,363,000	(T)
DIVISION	<u>REVENUE (HB 97)</u>			\$2,413,000	

### STIP MODIFICATIONS

#### DIVISION 2

U-5875	SR 1203 (ALLEN ROAD), SR 1467 (STANTONSBURG	RIGHT-OF-WAY	FY 2020 -	\$1,777,000	(T)
PITT	ROAD) TO US 13 (DICKINSON AVENUE EXTENSION).	UTILITIES	FY 2020 -	\$213,000	(T)
PROJ.CATEGORY	WIDEN TO MULTI-LANES.	CONSTRUCTION	FY 2022 -	\$5,814,000	(T)
DIVISION	<u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 20</u>		FY 2023 -	\$5,814,000	(T)
	<u>AND CONSTRUCTION FROM FY 24 TO FY 22.</u>		FY 2024 -	\$5,814,000	(T)
				\$19,432,000	

#### DIVISION 3

U-5787	SR 2715 (TRADE STREET), NC 53 (WESTERN	RIGHT-OF-WAY	FY 2019 -	\$1,648,000	(T)
ONslow	BOULEVARD) TO MCDANIEL DRIVE IN JACKSONVILLE.	UTILITIES	FY 2019 -	\$198,000	(T)
PROJ.CATEGORY	CONSTRUCT ROADWAY ON NEW LOCATION.	CONSTRUCTION	FY 2021 -	\$1,511,000	(T)
DIVISION	<u>DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND</u>			\$3,357,000	
	<u>CONSTRUCTION FROM FY 20 TO FY 21 TO ALLOW</u>				
	<u>ADDITIONAL TIME FOR PLANNING AND DESIGN</u>				

#### DIVISION 5

B-5140	SR 1001 (PEARCES ROAD), REPLACE BRIDGE 910195	RIGHT-OF-WAY	FY 2017 -	\$70,000	(HFB)
WAKE	OVER MOCASSIN CREEK.	UTILITIES	FY 2017 -	\$89,000	(HFB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>	CONSTRUCTION	FY 2018 -	\$850,000	(HFB)
HWY FUNDS	<u>CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW</u>			\$1,009,000	
	<u>ADDITIONAL TIME TO RESOLVE NATURAL HABITAT</u>				
	<u>SURVEY</u>				

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 5**

* B-5161	SR 1162 (APEX BARBECUE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$925,000	(HFB)
WAKE	910362 OVER BEAVER CREEK IN APEX.	UTILITIES	FY 2017 -	\$145,000	(HFB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>	CONSTRUCTION	FY 2018 -	\$700,000	(HFB)
HWY FUNDS	<u>CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW</u>			\$1,770,000	
	<u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>				

U-5537	SR 1521 (LAKE PINE DRIVE), WIDEN TO 3 LANES -	RIGHT-OF-WAY	FY 2016 -	\$56,000	(STPDA)
WAKE	NORTH OF MACGREGOR PINES ROAD TO NORTH OF		FY 2016 -	\$24,000	(L)
PROJ.CATEGORY	VERSAILLES DRIVE. INCL. 10 FT MULTIUSE PATH EAST	CONSTRUCTION	FY 2017 -	\$668,000	(STPDA)
DIVISION	SIDE; 5 FT SIDEWALK WEST SIDE.		FY 2017 -	\$167,000	(L)
	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>			\$915,000	
	<u>ALLOW ADDITIONAL TIME TO COMPLETE R/W PHASE</u>				

**DIVISION 7**

C-5181	JONES CREEK GREENWAY, CONSTRUCT A 100 FOOT	CONSTRUCTION	FY 2017 -	\$247,000	(CMAQ)
ORANGE	BRIDGE AND 650 FOOT PAVED TRAIL IN CARRBORO		FY 2017 -	\$61,000	(L)
PROJ.CATEGORY	TO FILL GAP BETWEEN THE UPPER BOLIN TRAIL AND	IMPLEMENTATION	FY 2018 -	\$10,000	(CMAQ)
EXEMPT	TWIN CREEKS GREENWAY AND IMPLEMENT PROGRAM		FY 2018 -	\$2,000	(L)
	TO SUPPORT NON-VEHICLE TRIPS TO MORRIS GROVE			\$320,000	
	ELEMENTARY SCHOOL.				
	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 AND</u>				
	<u>IMPLEMENTATION FROM FY 17 TO FY 18 AT REQUEST</u>				
	<u>OF TRANSPORTATION PLANNING BRANCH.</u>				

EB-4707A	SR 1838 / SR 2220, US 15 / US 501 IN ORANGE COUNTY	CONSTRUCTION	FY 2017 -	\$1,673,000	(STPDA)
DURHAM	TO SR 1113 (POPE ROAD) IN DURHAM COUNTY		FY 2017 -	\$418,000	(L)
ORANGE	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>			\$2,091,000	
PROJ.CATEGORY	<u>ALLOW ADDITIONAL TIME TO COMPLETE R/W PHASE</u>				
TRANSITION					

U-5842	PISGAH CHURCH ROAD, NORTH ELM STREET IN	RIGHT-OF-WAY	FY 2017 -	\$144,000	(STP)
GUILFORD	GREENSBORO. INTERSECTION IMPROVEMENTS.		FY 2017 -	\$36,000	(L)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO</u>	CONSTRUCTION	FY 2019 -	\$600,000	(STP)
DIVISION	<u>PROVIDE ADDITIONAL TIME TO MOVE UTILITIES</u>		FY 2019 -	\$150,000	(L)
				\$930,000	

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 8**

W-5208MA	US 15 / US 501, NC 144 INTERSECTION. CONSTRUCT	RIGHT-OF-WAY	FY 2017 -	\$300,000	(HSIP)
SCOTLAND	ROUNDBOUT	CONSTRUCTION	FY 2017 -	\$2,500,000	(HSIP)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY AND CONSTRUCTION FROM FY</u>				\$2,800,000
REGIONAL	<u>16 TO FY 17 AT REQUEST OF SCOTLAND COUNTY</u>				

**DIVISION 9**

B-4808	SR 1004 (STOKES FERRY ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$68,000	(HFB)
ROWAN	790141 OVER SOUTH SECOND CREEK.	CONSTRUCTION	FY 2018 -	\$1,600,000	(HFB)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>				\$1,668,000
HWY FUNDS	<u>CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW</u>				
	<u>ADDITIONAL TIME TO DEVELOP NEW ALTERNATIVES,</u>				
	<u>INCLUDING ON-SITE DETOUR</u>				

* C-4908G	US 70 (STATESVILLE BOULEVARD), US 601 (JAKE	RIGHT OF WAY	FY 2016 -	\$52,000	(CMAQ)
ROWAN	ALEXANDER BOULEVARD) IN SALISBURY.		FY 2016 -	\$13,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK.	CONSTRUCTION	FY 2016 -	\$298,000	(CMAQ)
EXEMPT	<u>DELAY RIGHT-OF-WAY AND CONSTRUCTION FROM FY</u>		FY 2016 -	\$75,000	(L)
	<u>15 TO FY 16 AT REQUEST OF CITY AND</u>			\$438,000	
	<u>TRANSPORTATION PLANNING BRANCH.</u>				

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 9**

* U-4742	VARIOUS, INTERSECTION IMPROVEMENT PROJECTS	ENGINEERING	FY 2016 -	\$180,000	(STPDA)
STOKES	IN THE WINSTON-SALEM URBAN AREA		FY 2016 -	\$45,000	(L)
DAVIDSON	METROPOLITAN PLANNING		FY 2017 -	\$100,000	(STPDA)
DAVIE	ORGANIZATION (WSUAMPO) AREA.		FY 2017 -	\$25,000	(L)
FORSYTH	<u>ADDS FUNDS TO PE, R/W, AND CONSTRUCTION</u>		FY 2018 -	\$100,000	(STPDA)
PROJ.CATEGORY	<u>PHASES IN FY 16 THROUGH FY 21 NOT PREVIOUSLY</u>		FY 2018 -	\$25,000	(L)
DIVISION	<u>PROGRAMMED</u>		FY 2019 -	\$100,000	(STPDA)
			FY 2019 -	\$25,000	(L)
			FY 2020 -	\$100,000	(STPDA)
			FY 2020 -	\$25,000	(L)
			FY 2021 -	\$100,000	(STPDA)
			FY 2021 -	\$25,000	(L)
		RIGHT-OF-WAY	FY 2016 -	\$360,000	(STPDA)
			FY 2016 -	\$90,000	(L)
			FY 2017 -	\$200,000	(STPDA)
			FY 2017 -	\$50,000	(L)
			FY 2018 -	\$200,000	(STPDA)
			FY 2018 -	\$50,000	(L)
			FY 2019 -	\$200,000	(STPDA)
			FY 2019 -	\$50,000	(L)
			FY 2020 -	\$200,000	(STPDA)
			FY 2020 -	\$50,000	(L)
			FY 2021 -	\$200,000	(STPDA)
			FY 2021 -	\$50,000	(L)
		CONSTRUCTION	FY 2016 -	\$1,260,000	(STPDA)
			FY 2016 -	\$315,000	(L)
			FY 2017 -	\$700,000	(STPDA)
			FY 2017 -	\$175,000	(L)
			FY 2018 -	\$700,000	(STPDA)
			FY 2018 -	\$175,000	(L)
			FY 2019 -	\$700,000	(STPDA)
			FY 2019 -	\$175,000	(L)
			FY 2020 -	\$700,000	(STPDA)
			FY 2020 -	\$175,000	(L)
			FY 2021 -	\$700,000	(STPDA)
			FY 2021 -	\$175,000	(L)
				\$8,500,000	
* U-5824	NC 66 (OLD HOLLOW ROAD), HARLEY DRIVE TO US 158	RIGHT-OF-WAY	FY 2020 -	\$6,955,000	(T)
FORSYTH	IN WALKERTOWN. WIDEN TO MULTILANES.	UTILITIES	FY 2020 -	\$835,000	(T)
PROJ.CATEGORY	<u>DESCRIPTION MODIFIED TO REVISE EASTERN</u>	CONSTRUCTION	FY 2022 -	\$8,208,000	(T)
DIVISION	<u>TERMINUS AT REQUEST OF DIVISION.</u>			\$15,998,000	

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 10

U-5703	US 74 (ROOSEVELT BLVD), SR 1514 (ROCKY RIVER	RIGHT-OF-WAY	FY 2017 -	\$400,000	(T)
UNION	ROAD) INTERSECTION. RECONFIGURE TO	CONSTRUCTION	FY 2017 -	\$1,750,000	(T)
PROJ.CATEGORY	SUPERSTREET.			\$2,150,000	
STATEWIDE	<u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u>				
	<u>PROJECT CAN BE DELIVERED EARLIER THAN</u>				
	<u>ANTICIPATED.</u>				

## DIVISION 11

* I-5801	I-77, 1.2 MILES NORTH OF US 21 TO SR 1131 (FAX	CONSTRUCTION	FY 2016 -	\$1,600,000	(NHPIM)
SURRY	WELBORN ROAD). PAVEMENT REHABILITATION.			\$1,600,000	
PROJ.CATEGORY	<u>BASED ON INTERSTATE MAINTENANCE NEEDS,</u>				
STATEWIDE	<u>MODIFY PROJECT SCOPE AND FUNDING.</u>				

## DIVISION 12

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

## DIVISION 13

* EB-5547	NEW ROUTE, CONSTRUCT NEW MULTI-USE PATH	ENGINEERING	FY 2016 -	\$120,000	(STPDA)
BUNCOMBE	FROM EXISTING FLAT CREEK GREENWAY TRAILHEAD		FY 2016 -	\$30,000	(L)
PROJ.CATEGORY	NEAR STATE STREET AND CHARLOTTE STREET TO			\$150,000	
DIVISION	EXISTING RIVERSIDE GREENWAY NEAR RIVERSIDE				
	PARK AND EXTENSION WEST OF NC 9 NEAR EXISTING				
	CULVERT.				
	<u>FUNDING PROGRAMMED FOR RIGHT OF WAY</u>				
	<u>TRANSFERRED TO PRELIMINARY ENGINEERING AT</u>				
	<u>THE REQUEST OF THE MPO.</u>				

* EB-5790	ASHEVILLE, ON-STREET CROSSINGS AND	ENGINEERING	FY 2016 -	\$96,000	(TAPDA)
BUNCOMBE	CONNECTIONS FOR BICYCLISTS AND PEDESTRIANS IN		FY 2016 -	\$24,000	(L)
PROJ.CATEGORY	ASHEVILLE'S EAST OF THE RIVERWAY.			\$120,000	
DIVISION	<u>FUNDING PROGRAMMED FOR CONSTRUCTION</u>				
	<u>TRANSFERRED TO PRELIMINARY ENGINEERING AT</u>				
	<u>THE REQUEST OF THE MPO.</u>				

\* INDICATES FEDERAL AMENDMENT



REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

**DIVISION 13**

I-5750 BUNCOMBE PROJ.CATEGORY STATEWIDE	I-40, WEST OF US 25 (HENDERSONVILLE ROAD) TO EAST OF SR 3075 (ONTEORA BOULEVARD). BRIDGE REHABILITATION. <u>INCREASE FUNDING BASED ON LATEST ESTIMATE.</u>	CONSTRUCTION	FY 2016 -	\$1,700,000 \$1,700,000	(NHPIM)
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STIP DELETIONS

**DIVISION 7**

* EB-5717 GUILFORD PROJ.CATEGORY DIVISION	EAST LINDSAY STREET, MURROW BOULEVARD TO BESSEMER AVENUE IN GREENSBORO. CONSTRUCT SIDEWALK ON NORTH SIDE. <u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT EB-5716</u>	CONSTRUCTION	FY 2018 -	\$170,000 \$170,000	(SRTS)
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**DIVISION 11**

* I-5749 SURRY PROJ.CATEGORY STATEWIDE	I-77, SR 1341 (WHITE DIRT ROAD) TO 1.3 MILES NORTH OF SR 1345 (BEULAH ROAD). PAVEMENT REHABILITATION. <u>DELETE PROJECT, THIS SECTION OF ROAD WAS RECENTLY RE-SURFACED.</u>	CONSTRUCTION	FY 2016 -	\$1,600,000 \$1,600,000	(NHPIM)
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* I-5803 SURRY PROJ.CATEGORY STATEWIDE	I-77, SR 1314 (WHITE DIRT ROAD) TO 1.3 MILES NORTH OF SR 1345 (BEULAH ROAD). PAVEMENT REHABILITATION. <u>DELETE PROJECT, THIS SECTION OF ROAD WAS RECENTLY RE-SURFACED.</u>	CONSTRUCTION	FY 2018 -	\$2,300,000 \$2,300,000	(NHPIM)
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\* INDICATES FEDERAL AMENDMENT



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

**ADDITIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY21 (000)
TT-5207	CARTS	Purchase of Camera System	FUZ	5307		25					
			Local	L		7					
TP-5117	CARTS	TDP	FUZ	5307		96					
			Local	L		24					
TQ-9034	City of Asheville	5310 Traditional Projects	FEPD	5310	183						
			Local	L	46						
TQ-7004	City of Asheville	5310 Administrative Oversight	FEPD	5310	33						
TQ-6951	City of Asheville	5310 Other Projects	FEPD	5310	109						
			Local	L	109						
TH-2000	North Carolina Department of Transportation	Traveler's Aid Program	TAP	S		63					
			Local	L		63					
TO-5212	North Carolina Department of Transportation	Operating Funding for Alamance County Transportation	FUZ	5307	321						
			Local	S	321						

**MODIFICATIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5165	CARTS	Replace 5311 Rural Vehicles with 5307 Vehicles for use in the Urban Area	FUZ	5307	166		110	110	136		
			Local	L	29		20	20	24		
TG-5257	CARTS	ADA/Paratransit	FUZ	5307	48	79	79	79	79		
			Local	L	12	20	20	20	20		
TC-5100	CARTS	Mobility Management	FUZ	5307	24	24	24	24	24		
			Local	L	6	6	6	6	6		
TG-5231	CARTS	Associated Capital	FUZ	5307	10	10	10	10	10		
			Local	L	3	3	3	3	3		
TG-5256	CARTS	Preventative Maintenance	FUZ	5307	36	38	38	38	38		
			Local	L	9	10	10	10	10		
TO-5204	CARTS	Operating Assistance	FUZ	5307	172	152	152	152	152		
			Local	L	172	152	152	152	152		
TP-5122	CARTS	Short Range Planning	FUZ	5307	8	8	8	8	8		
			Local	L	2	2	2	2	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.*

TT-5206	CARTS	Lease of Tablets	FUZ	5307	10	10	10	10	10		
			Local	L	2	2	2	2	2		

**ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP**

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-4990A	Fayetteville Area System of Transit	One Expansion Bus	FBUS	5339	391						
			State	S	35						
			Local	L	35						

Item I-1B, 16 Projects, Total Federal/State funds \$3,370,000



Board of Transportation March 3, 2016

*Product Evaluation Program Awareness*

Jimmy Travis, PE



## *Product Highlight (Approved)*

### *Clear Vu Fencing*

- Fencing is made of galvanized steel
- Provides protection or separation while not restricting visibility
- Installation on bridges will protect pedestrians while not obstructing the view



ClearVu Fencing picture provided by Cochrane USA



## *Product Highlight (Under Evaluation)*

### *Basalt Fiber Reinforced Polymer Rebar (BFRP)*

- Lightweight and Corrosive Resistant
- Composite Material made of basalt fiber and epoxy resin
- Used for crack control in curb & gutter, sidewalks, catch basins, etc.



*Picture courtesy of Neuvokas Corporation*





March 3, 2016

## *Real ID Update*

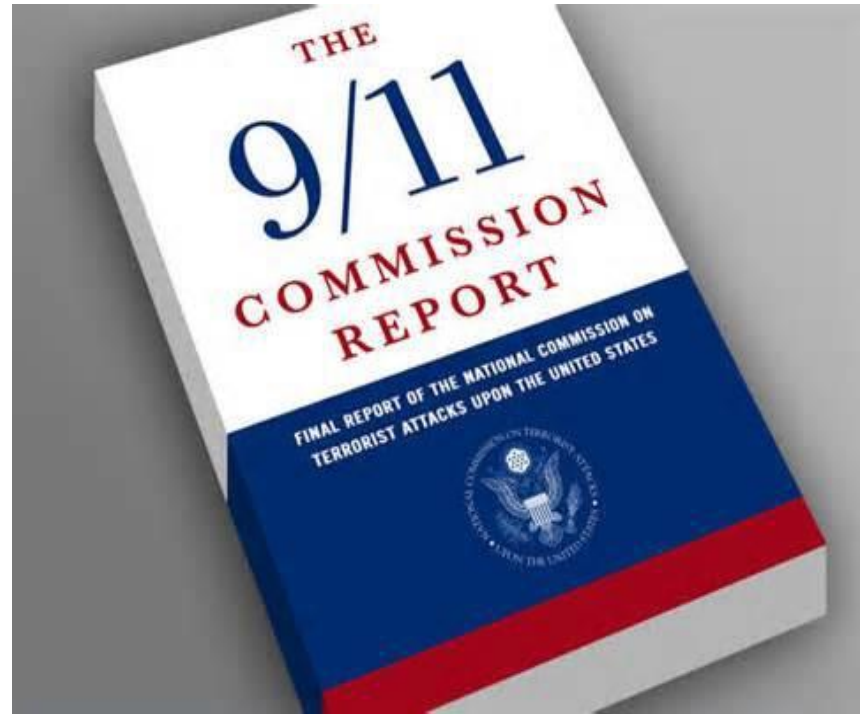
Commissioner Kelly Thomas



# Why Real ID?

*“The federal government should set standards for the issuance of birth certificates and sources of identification, such as driver’s licenses”*

*--9/11 Commission Report  
p. 390*



# *Real ID Act Overview*

The Real ID Act of 2005 was established under the Emergency Supplemental Appropriations Act for Defense and the Global War on Terror. This Act;

- Sets minimum federal standards for secure issuance and production of state-issued identification credentials
- Covers 50 states, 5 territories, and DC
- Any state wishing to issue identification credentials acceptable by federally regulated institutions must comply with the Real ID Act. Examples include:
  - Accessing secured areas of Federal facilities
  - Boarding federally regulated commercial aircraft
  - Entering nuclear power plants
  - Other purposes deemed by the Secretary of Homeland Security



# Real ID Act Required Actions

## 1. Requires proof and verification of identity & lawful status

New or Existing Requirement	Parameters
Existing	Full Legal Name
Existing	Date of Birth
Existing	Social Security Number
New and Existing	Address of principal residence <b>X two</b>
Existing	Lawful status

## 2. Requires a card design that includes:

New or Existing Requirement	Parameters
Existing	Biographic information, digital photo, signature, & card number
Existing	Physical/ Anti-counterfeit security features
Existing	Common machine-readable technology (i.e. barcode scanner)

## 3. Requires safeguards for the issuance & production of credentials

New or Existing Requirement	Parameters
New	Copy & Retain original source documents for 10 years
Existing	Secure production facilities & document materials
Existing	Background checks & fraudulent document training for employees



# *Real ID Act*

## *Notable Compliance Action*

### Copy & Retain original source documentation information

1. DMV must have a **\*copy on file** of all required original source documents and information for each NC citizen choosing to hold a Real ID compliant credential
  - a) Original source documents and information include
    - Application & Declaration that all information submitted is accurate and truthful
    - **\*Copy of original source documents** ( i.e. Certified Copy of Birth Certificate, SS Card, US Passport); and
    - Others as needed for the type of service being requested
2. Original source documents will be **\*maintained for 10 years** in a single ‘portfolio’ for each citizen
  - a) Controlled access to source documents is permitted for DMV and Law Enforcement purposes only
  - b) Driver records information may be shared with:
    - a) State to State Verification system through AAMVA (Association of American Motor Vehicle Administrators)
    - b) CJLEADS (Criminal Justice Law Enforcement Automated Data System)

**\* Denotes the only changes to existing process, policies, & procedures.**



# *Real ID Act*

## *Notable Compliance Action Continued*

### Copy & Retain original source documentation information

NC DMV is making steady progress towards Real ID through constant interaction with the Department of Homeland Security

Currently, source documentation has been verified for **~9m** citizens

### Way Ahead

- DHS extension through 10/2016
- Annual update to DHS 09/2016--extension period 10/2017
- Annual update to DHS 09/2017--extension period 10/2018 (complaint 12/2017)
- Over 2.5 years of REAL ID issuances before the deadline 10/2020

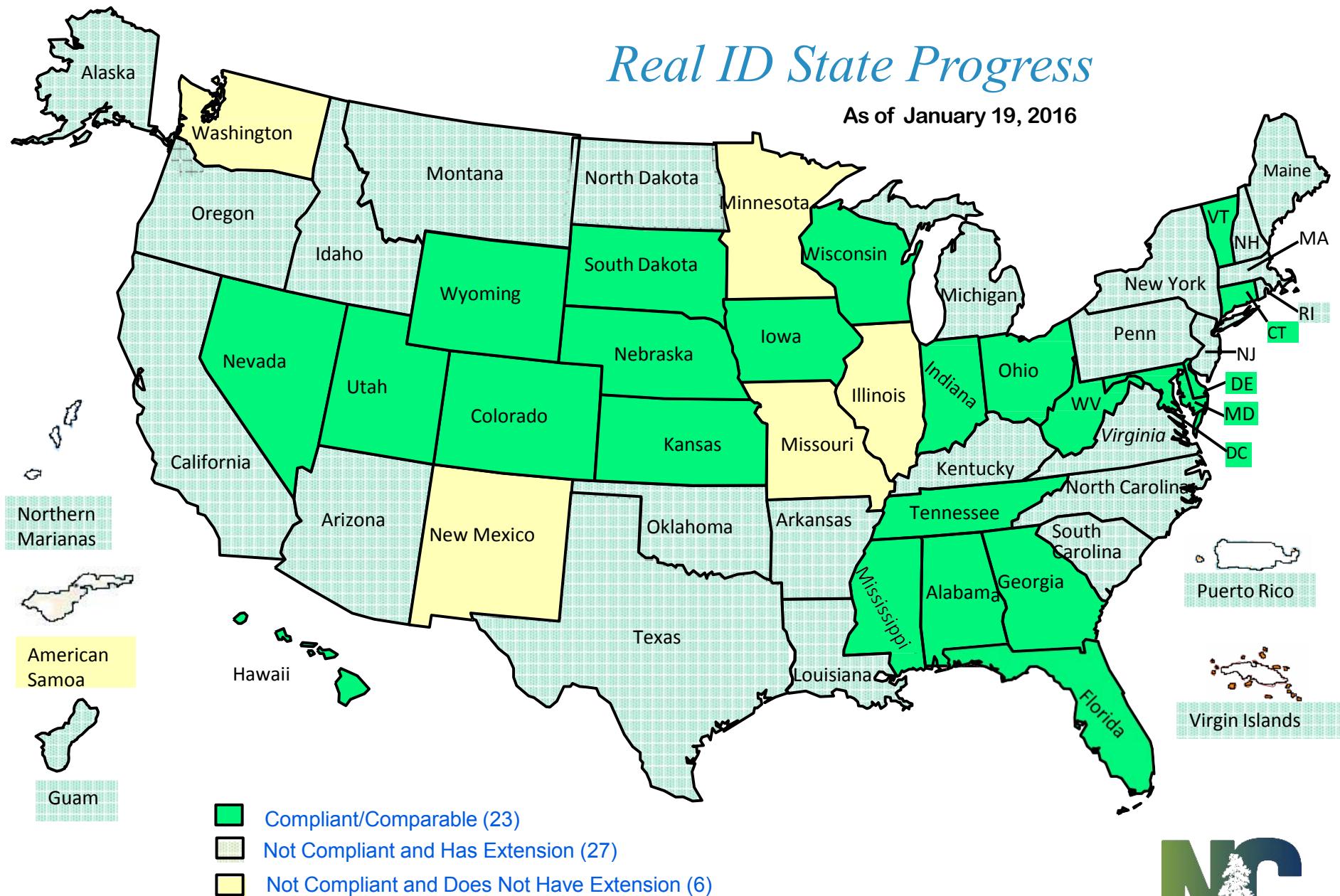
*The Division is developing plans for:*

- *Stand alone scanner stations at DMV office locations*
- *Contract options for document verification & intake*



# Real ID State Progress

As of January 19, 2016



# Real ID Act Projected Enforcement for federally regulated aircraft



North Carolina DMV is on contract to meet compliance with Real ID under all timelines.

Designates Real ID  
compliance



## REAL ID

What ID Do I Need  
to Fly Domestically?



I live in...

AL, CO, CT, DE,  
D.C., FL, GA, HI,  
IN, IA, KS, MD,  
MS, NE, NV, OH,  
SD, TN, UT, VT,  
WV, WI, WY

As of Jan. 2016

You can  
continue to  
use your  
license to fly  
in the U.S.

As of Jan. 22, 2018

You can  
continue to  
use your  
license to fly  
in the U.S.

As of Oct. 1, 2020

License must  
be REAL ID  
compliant

AK, AZ, AR, CA, GU,  
ID, KY, LA, MA, ME,  
MI, MP, MT, NC, ND,  
NH, NJ, NY, OK, OR,  
PA, PR, RI, SC,  
TX, VA, VI

You can  
continue to  
use your  
license to fly  
in the U.S.

You can  
continue to  
use your  
license to fly  
in the U.S.

Your state will  
be compliant or  
noncompliant by  
2020; continue  
to check  
for updates

AS, IL,  
MN, MO,  
NM, WA

You can  
continue to  
use your  
license to fly  
in the U.S.

You will need  
an alternative  
identification to  
fly in the U.S.

You will need  
an alternative  
identification to  
fly in the U.S.







Board of Transportation Meeting

March 2, 2016



*North Carolina Scenic Byway Program  
2015 Annual Report*

Connie Morgan – Scenic Byway Coordinator

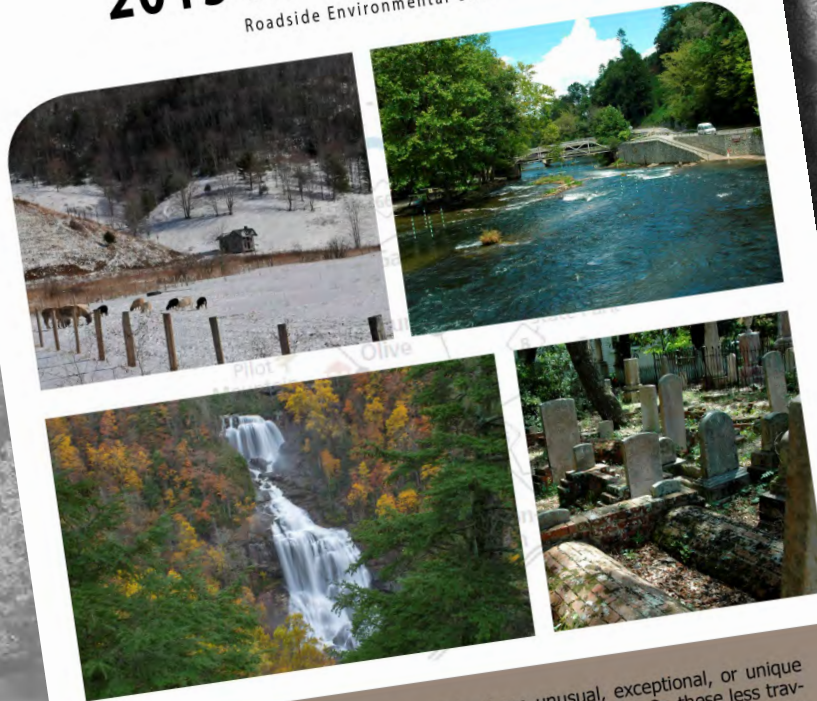




# North Carolina Scenic Byway Program – annual report



## North Carolina Scenic Byway Program 2015 Annual Report Roadside Environmental Unit



North Carolina's Scenic Byways highlight those unusual, exceptional, or unique characteristics that make North Carolina a better place to be. On these less traveled routes you can discover the heart and soul of the Tar Heel State, meet its people, and discover its scenic treasures.

2015 North Carolina Scenic Byway Program Annual

# *North Carolina Scenic Byway Program – annual report*



- Scenic Byway Program Overview
- Report – update through 2015
- Byway Designations and Revisions (Action Items)



# *North Carolina Scenic Byway Program – overview*



**Purpose** – Scenic byways provide residents and visitors the opportunity to take the road less traveled and experience North Carolina's history, geography, culture and scenic landscape.



# *North Carolina Scenic Byway Program – overview*



## **Objectives**

- provide the opportunity to identify and designate qualifying routes
- identify routes with Scenic Byway Logo signs
- provide informative program materials to the public, local government and communities
- promote the program to provide economic benefits to byway communities



# *North Carolina Scenic Byway Program – overview*



## **Past**

- launched in March of 1990
- legislation enacted in July of 1993
- administrative codes and policies established in 1994



# *North Carolina Scenic Byway Program – overview*



## **Present**

- 59 designated North Carolina Scenic Byways
- 2300 miles
- 3 National Scenic Byways – Cherohala Skyway, Forest Heritage and Outer Banks
- 1 All American Road – The Blue Ridge Parkway – National Park Service Byway

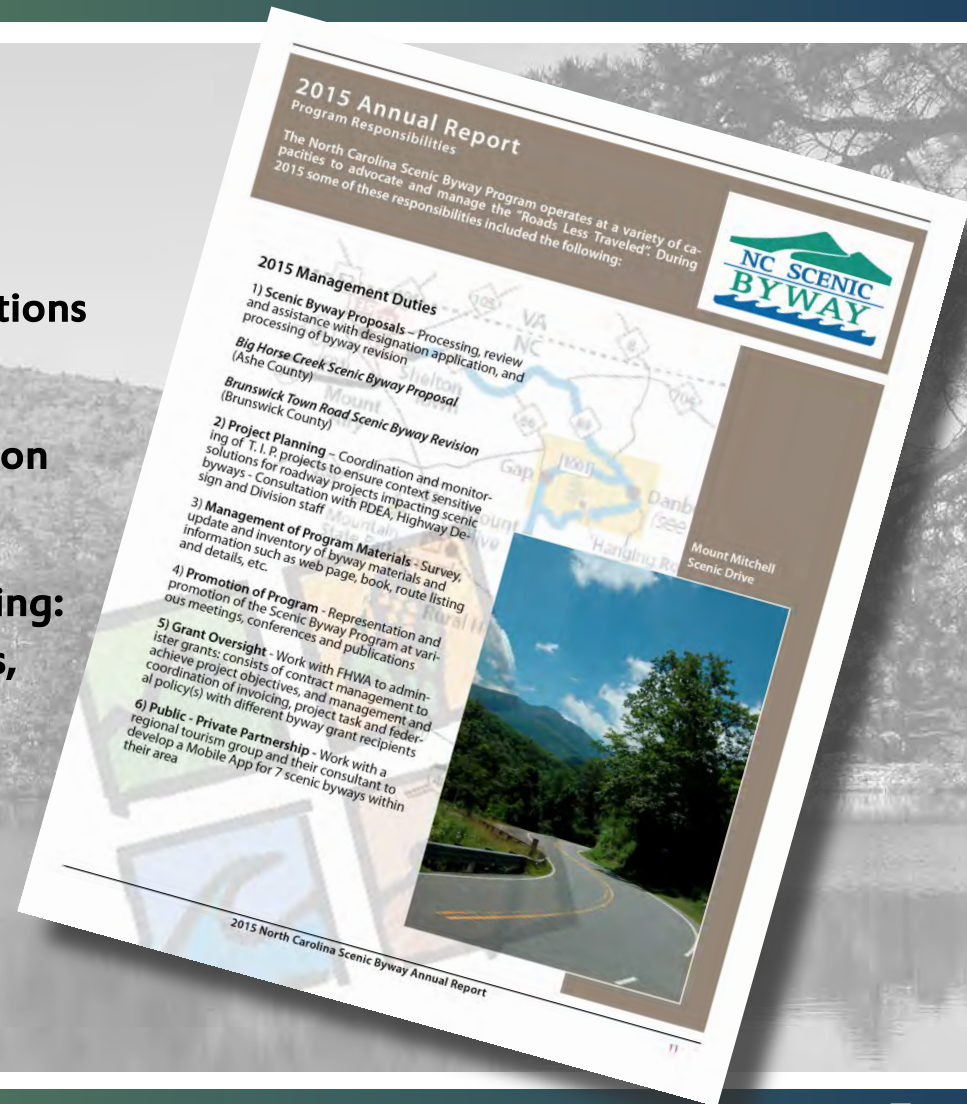




# North Carolina Scenic Byway Program – 2015 Program Summary

## Management Duties

- Review current byways
- Process scenic byway applications
- Monitor proposed road improvements and construction on byways
- Communications and marketing: inquiries, Scenic Byway books, web page, outreach, etc.
- Grant Oversight
- Public – private partnerships



# *North Carolina Scenic Byway Program – grants*

## **Federal Scenic Byway Grants**

1. Yadkin Valley Scenic Byway Wayfinding and Interpretive Signage - \$67,600 – Awarded 2012
2. Upper Yadkin Way Wayfinding Signage - \$57,360 – Awarded 2012
3. Outer Banks Scenic Byway Wayside and Interpretive Signs – \$212,000 – Awarded 2012
4. Outer Banks National Scenic Byway Wayshowing and Visitor Orientation Signs - \$201,120 – Awarded 2011





# *North Carolina Scenic Byway Program – public/private partnership*

## **Public – Private Partnership**

In June of 2011, NCDOT entered into an agreement with Smoky Mountain Host, a regional non-profit tourism promotion group, to produce a Mobile App for 7 scenic byways in their region.

Smoky Mountain Host contracted with UGo Tours to create this Mobile App. UGo Tours produced the app to provide tours that 'tell a story'.

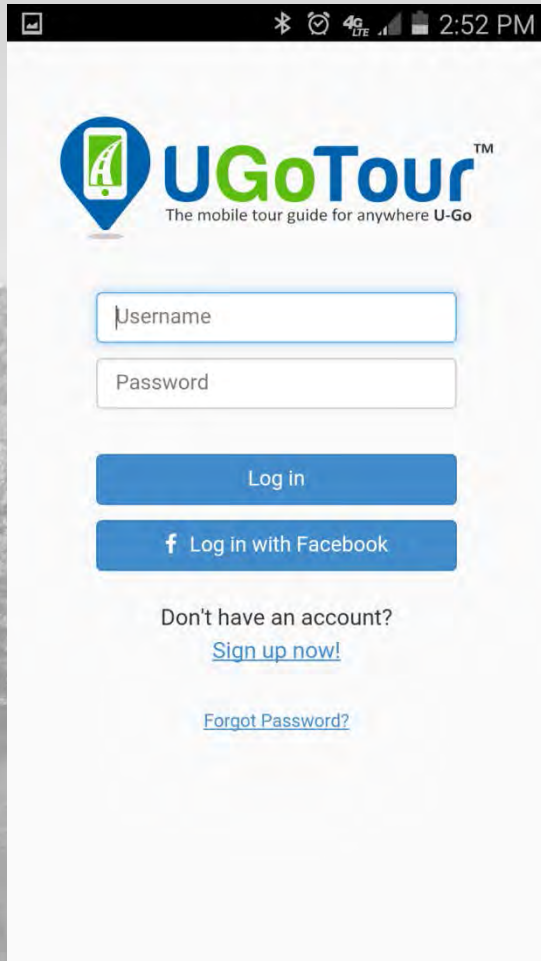
The Mobile App was launched in December of 2015. It is available on Google Playstore for androids and iTunes for iPhones.

*Let's take a tour...*



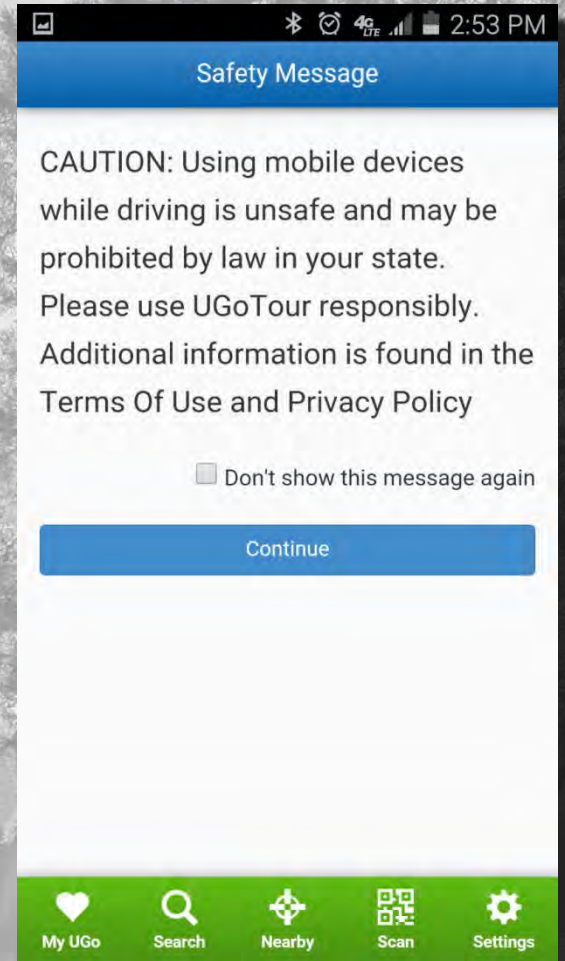
# *North Carolina Scenic Byway Program – public/private partnership*

**Set up and  
account and  
log-in**



The screenshot shows the UGoTour mobile app's login interface. At the top, the status bar displays the time as 2:52 PM. The app's logo, featuring a blue location pin with a white '4' and the text 'UGoTour™ The mobile tour guide for anywhere U-Go', is centered. Below the logo are two input fields: 'Username' and 'Password'. A blue 'Log in' button is positioned below the password field. A blue button with a Facebook 'f' icon and the text 'Log in with Facebook' is located below the 'Log in' button. At the bottom, there are two links: 'Don't have an account? [Sign up now!](#)' and '[Forgot Password?](#)'.

**Safety  
message**



The screenshot shows the UGoTour mobile app's safety message screen. The status bar at the top shows the time as 2:53 PM. A blue header bar contains the text 'Safety Message'. The main content area displays a caution message: 'CAUTION: Using mobile devices while driving is unsafe and may be prohibited by law in your state. Please use UGoTour responsibly. Additional information is found in the Terms Of Use and Privacy Policy'. Below the message is a checkbox labeled 'Don't show this message again'. A blue 'Continue' button is at the bottom of the message area. The bottom navigation bar is green and contains five icons with labels: 'My UGo' (heart icon), 'Search' (magnifying glass icon), 'Nearby' (crosshair icon), 'Scan' (QR code icon), and 'Settings' (gear icon).

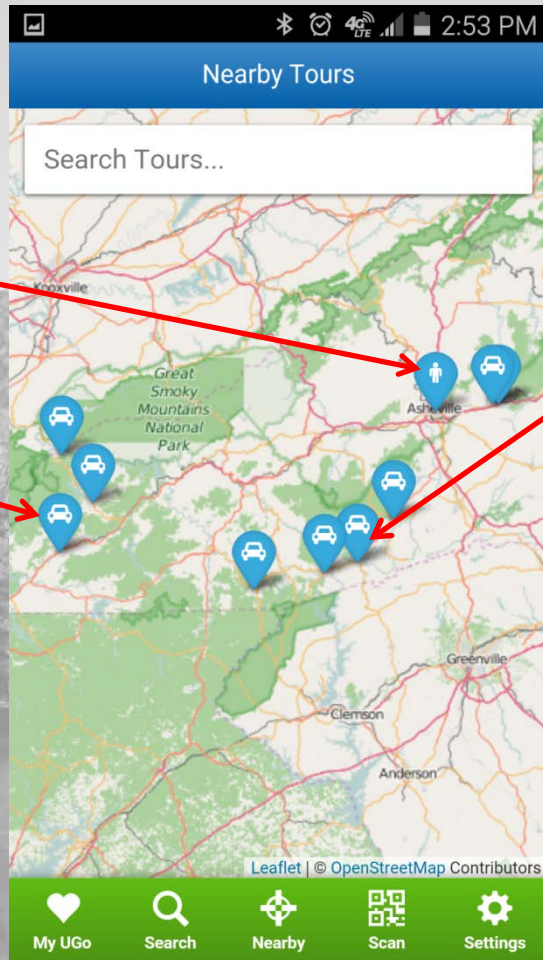


# North Carolina Scenic Byway Program – public/private partnership

Search for a tour...

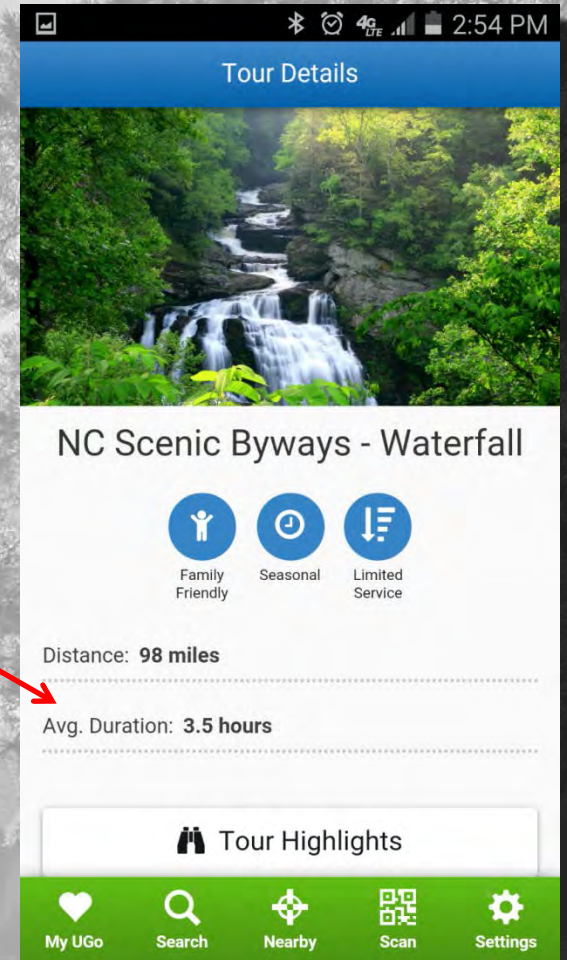
Walking tour icon

Driving tour icon



Selecting the icon displays name of the tour

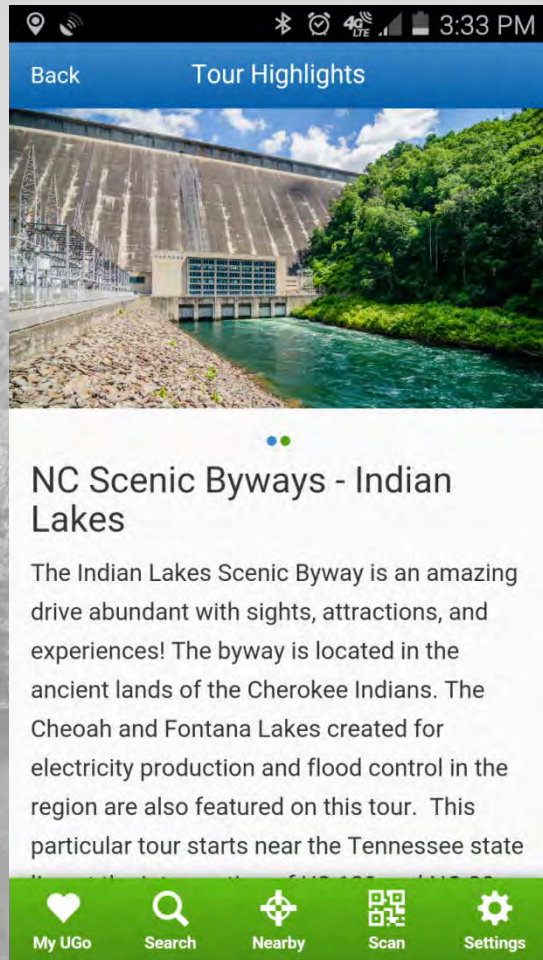
Select the tour for details



# North Carolina Scenic Byway Program – public/private partnership

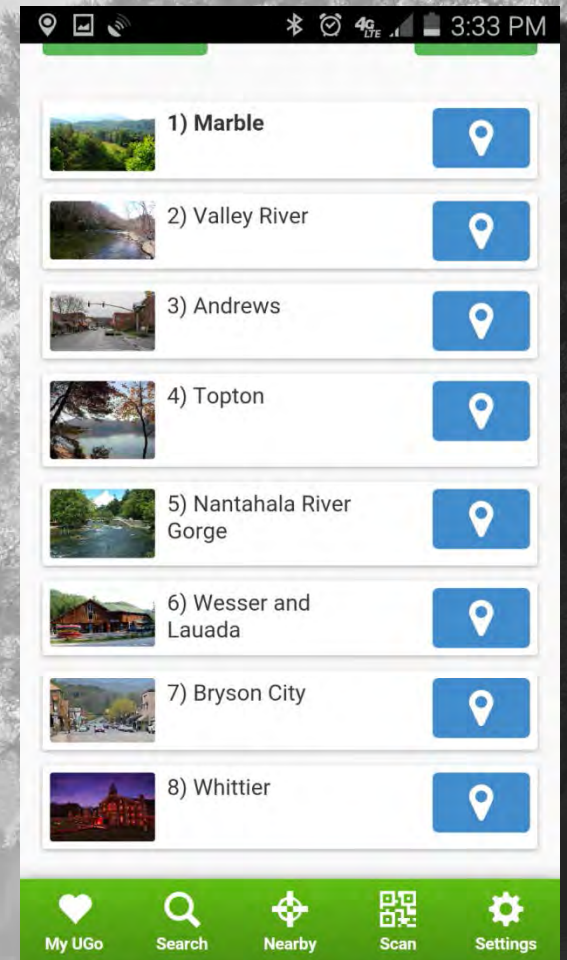
Tour Highlights provide a brief description of the tour

*A tour may be 'streamed' but we recommend downloading so that a weak cell signal does not interfere with the tour experience*



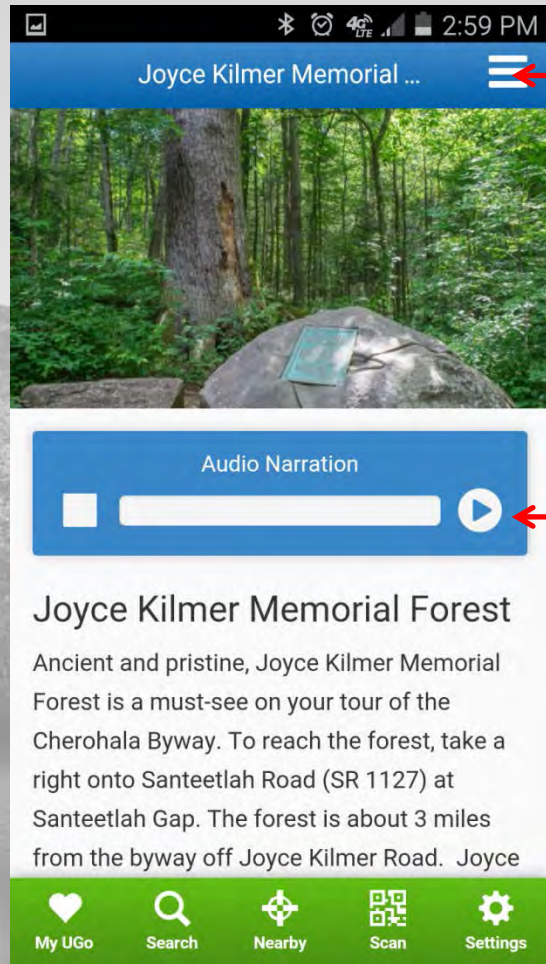
Once 'Start Tour' is selected there is a list of the stops along the byway tour

*The tour may be left and rejoined at any of the stops allowing for side trips should something spark an interest off the byway tour*





# North Carolina Scenic Byway Program – public/private partnership

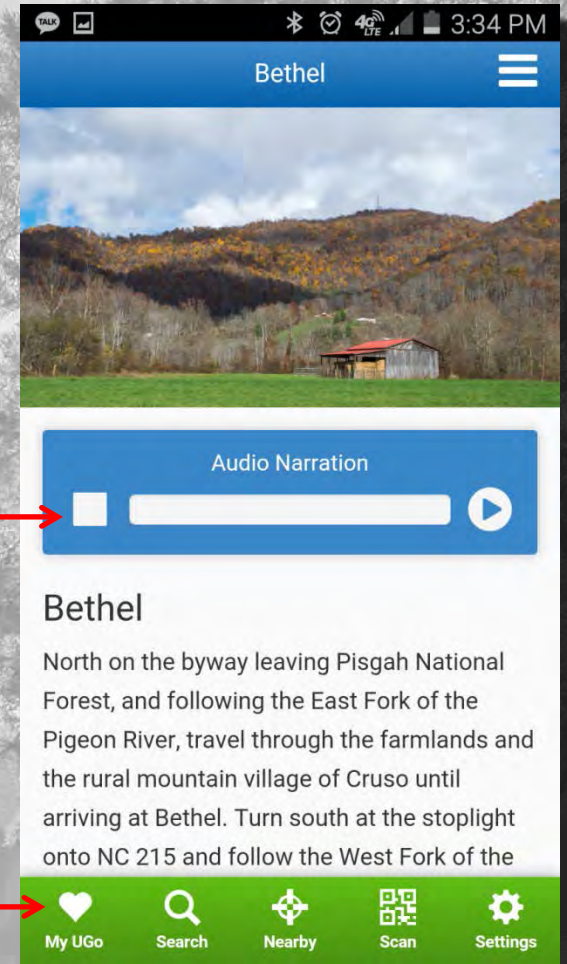


Menu with  
-static map  
-written directions

Tour Stops

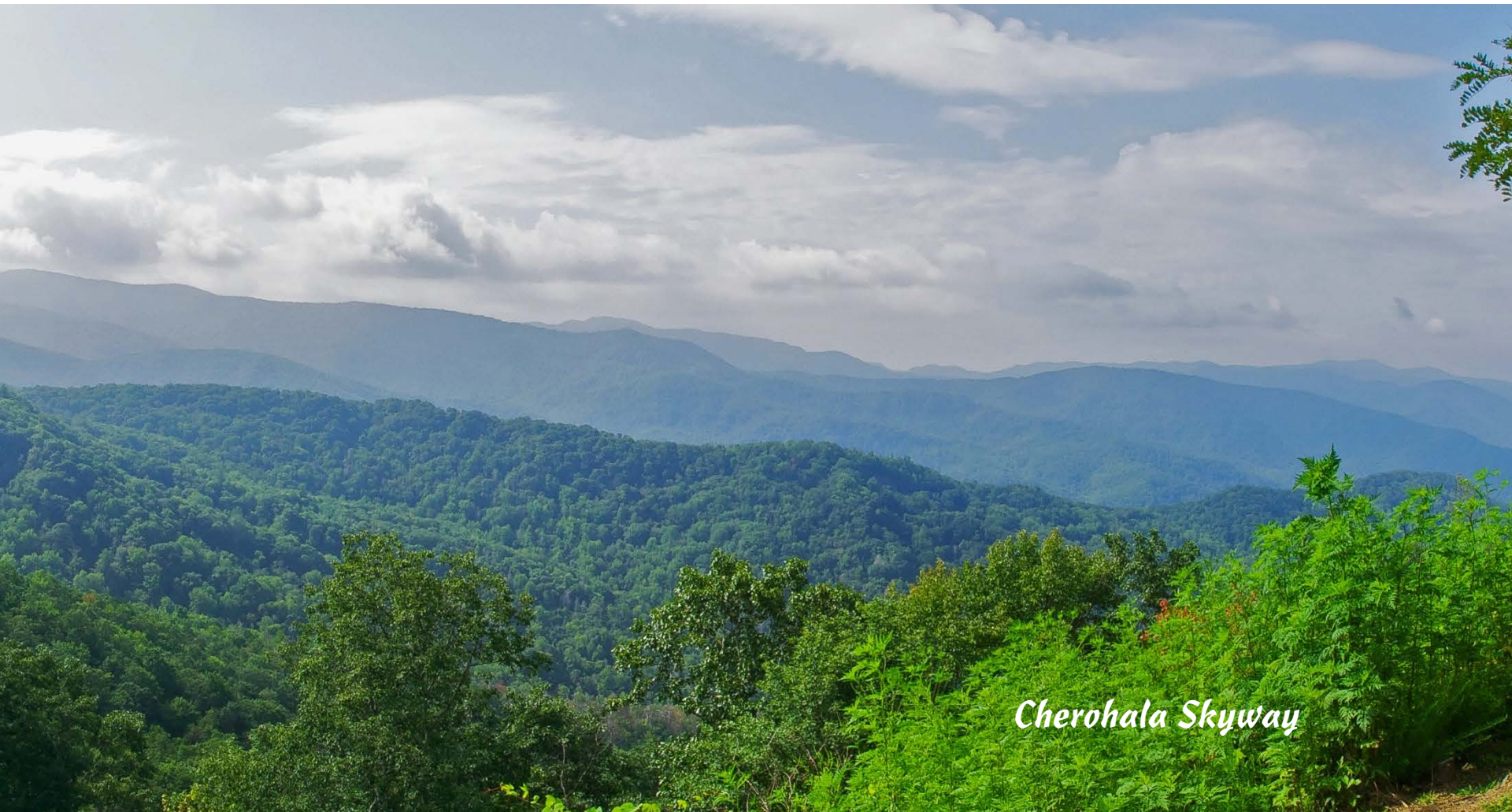
Written and an audio  
option for information  
about the stop

Downloaded  
tours saved in





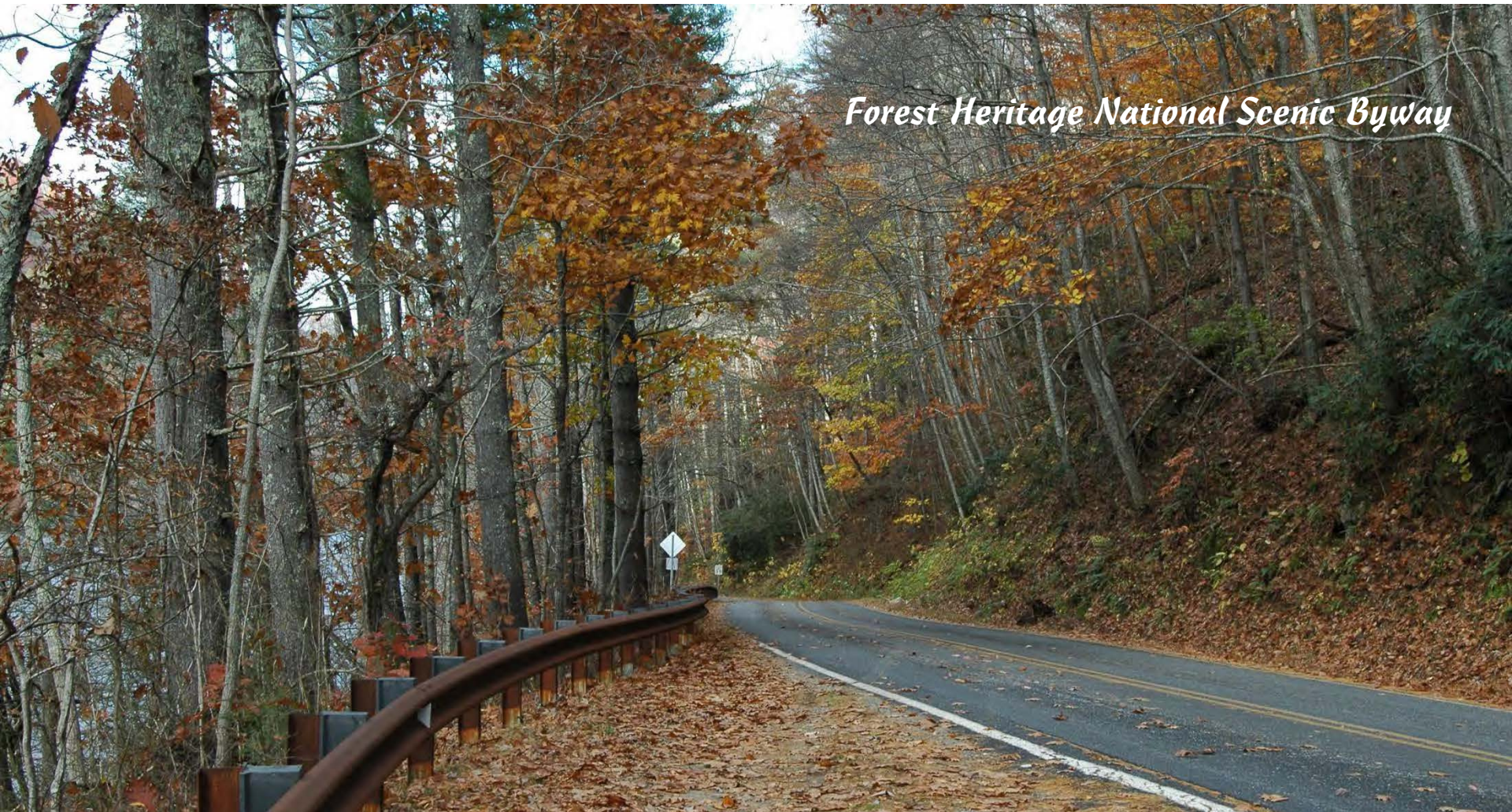
## *North Carolina Scenic Byway Program – public/private partnership*



*Cherokee Skyway*



## *North Carolina Scenic Byway Program – public/private partnership*





## *North Carolina Scenic Byway Program – public/private partnership*



*Indian Lakes Scenic Byway*



## *North Carolina Scenic Byway Program – public/private partnership*

*Mountain Waters – US Forest Service Scenic Byway*





## *North Carolina Scenic Byway Program – public/private partnership*





## *North Carolina Scenic Byway Program – public/private partnership*



*Whitewater Way*



## *North Carolina Scenic Byway Program – public/private partnership*



*Waterfall Byway*

# North Carolina Scenic Byway Program – action items



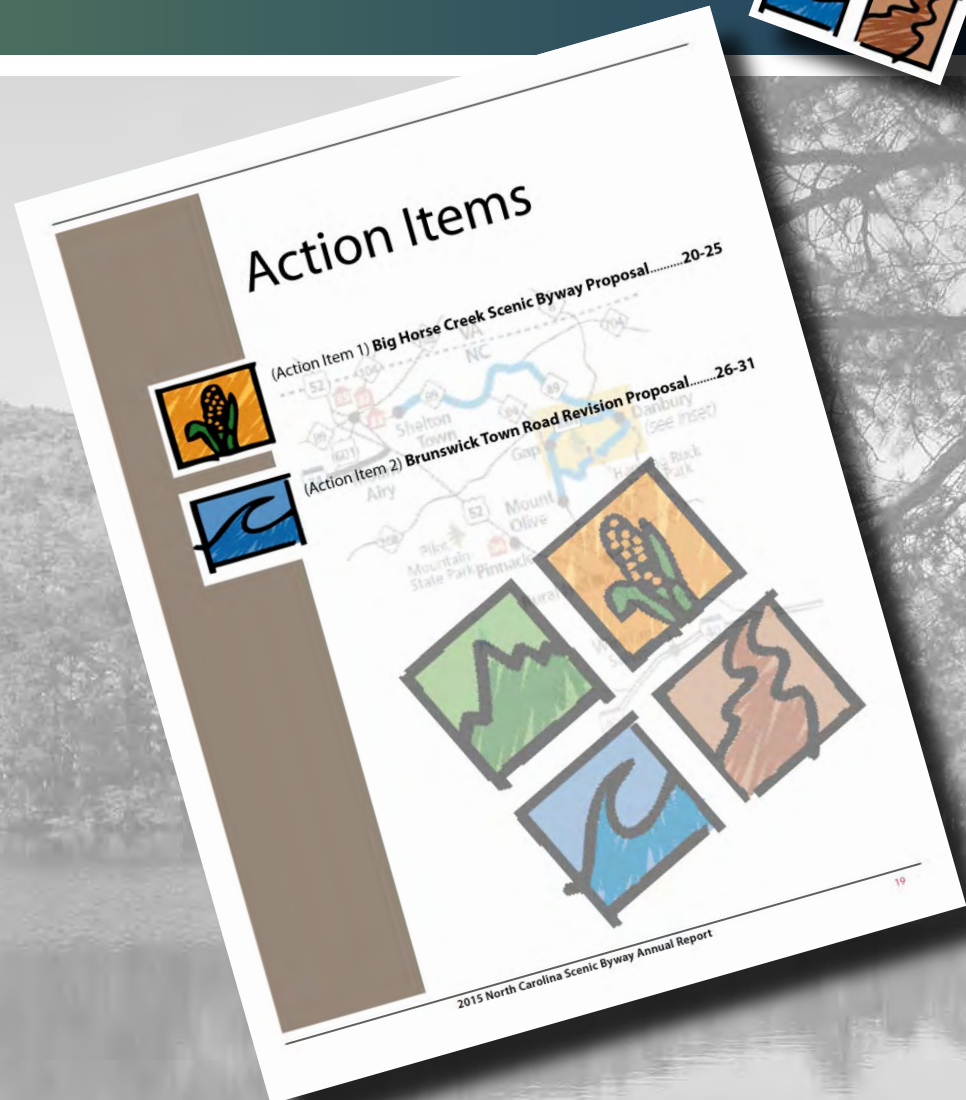
## Action Items

### ❖ Scenic Byway Proposal

Big Horse Creek Scenic Byway

### ❖ Scenic Byway Revision

Brunswick Town Road





# *North Carolina Scenic Byway Program – action items*

## *Byway Proposal*



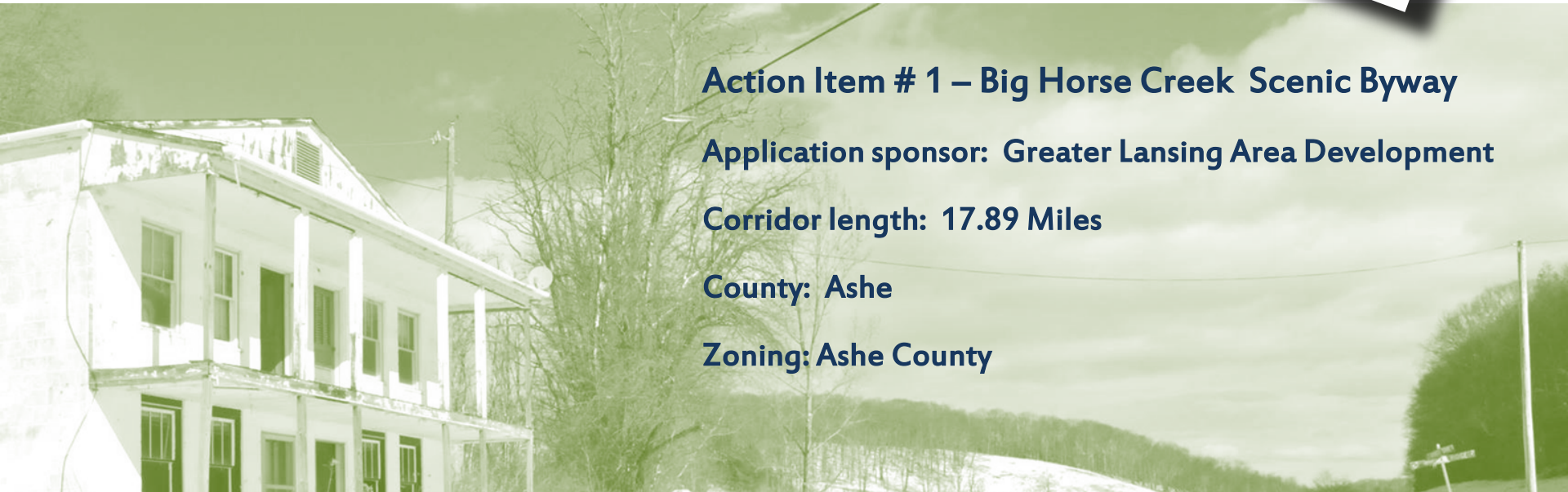
### **Action Item # 1 – Big Horse Creek Scenic Byway**

**Application sponsor: Greater Lansing Area Development**

**Corridor length: 17.89 Miles**

**County: Ashe**

**Zoning: Ashe County**



This secluded mountain area is sparsely populated with scattered farmhouses, barns and country churches. The proposed byway winds back and forth as it follows first the North Fork of the New River and then Big Horse Creek. The rugged mountain terrain is densely wooded except where it gives way to pasture along the creek bottoms and extending up the bluffs.

Remnants of the 'Creeper Railroad' can be seen from much of the byway. Lansing is one of the stops on the Blue Ridge Music Trail and the home of the Ola Belle music festival. Pond Mountain, a Wildlife Conservation area can be viewed from the proposed route as well as Phoenix Mountain.

# North Carolina Scenic Byway Program – action items

## Byway Proposal



### Action Item # 1 – Big Horse Creek Scenic Byway

Route Description: The proposed byway begins in Warrentsville at

NC 194 – 3.6 Miles

SR 1353 – 2.6 Miles  
South Big Horse Creek Road

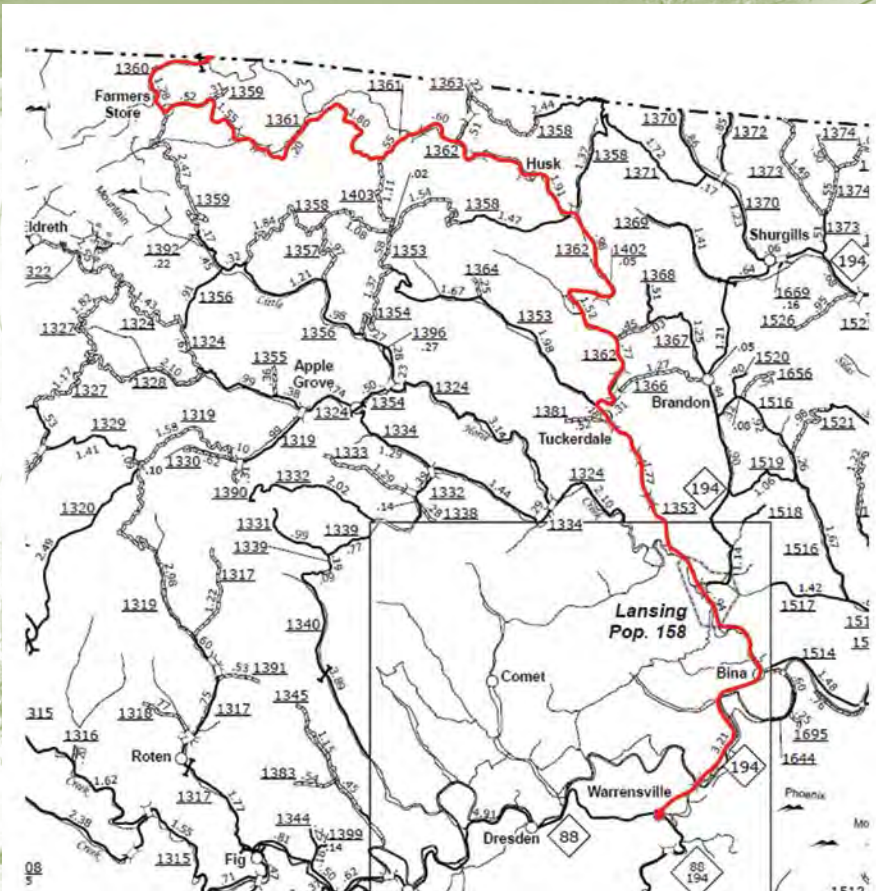
SR 1362 – 6.4 Miles  
Big Horse Creek Road

SR 1361 – 3.5 Miles  
Rip Shin Road

SR 1359 – 0.52 Miles  
Whenlin Ridge Road

SR 1360 – 1.27 Miles  
Farmers Store Road

The proposed byway ends at the North Carolina and Virginia state line





# *North Carolina Scenic Byway Program – action items*

## *Byway Proposal – Big Horse Creek*



**NC 194 – north of Warrentsville - North Fork  
of New River to left**



*North Carolina Scenic Byway Program – action items*  
*Byway Proposal – Big Horse Creek*



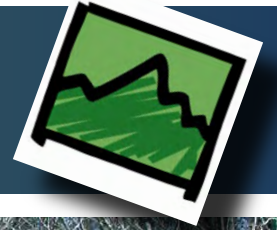
**Union Baptist Church ( Est. 1958) - Big Horse Creek Road**





# *North Carolina Scenic Byway Program – action items*

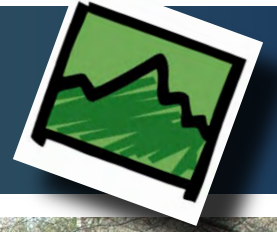
## *Byway Proposal – Big Horse Creek*





# *North Carolina Scenic Byway Program – action items*

## *Byway Proposal – Big Horse Creek*



**Big Horse Creek crossing under Rip Shin Road**



*North Carolina Scenic Byway Program – action items*  
*Byway Proposal – Big Horse Creek*



Christmas Tree Farm on Farmer's Store Road (looking south)



# *North Carolina Scenic Byway Program – action items*

## *Byway Proposal*



### **Action Item # 1 – Big Horse Creek Scenic Byway**

**Application sponsor: Greater Lansing Area Development**

**Corridor length: 17.89 Miles**

**County: Ashe**

**Zoning: Ashe County**

**Recommendation – Designate the proposed Big Horse Creek Scenic Byway and integrate into the North Carolina Scenic Byway Program**



# *North Carolina Scenic Byway Program – action items*

## *Byway Revision Proposal*



**Action Item # 2 – Revision to Brunswick  
Town Road - Designated in March, 1990**

**Current corridor length – 3 miles**

**Proposed corridor length – 2.3 miles**

**County: Brunswick**

**This coastal byway takes you by Orton Pond, an artificial pond built in 1890, where alligators are often observed basking in the warm sun along the shore line. Brunswick Town State Historic Site provides byway travelers a lesson in North Carolina history. Settled in 1725, the town was home to two governors, Saint Phillips Anglican Church built in 1751, and it played a role in port battles in both the Revolutionary War and the Civil War.**

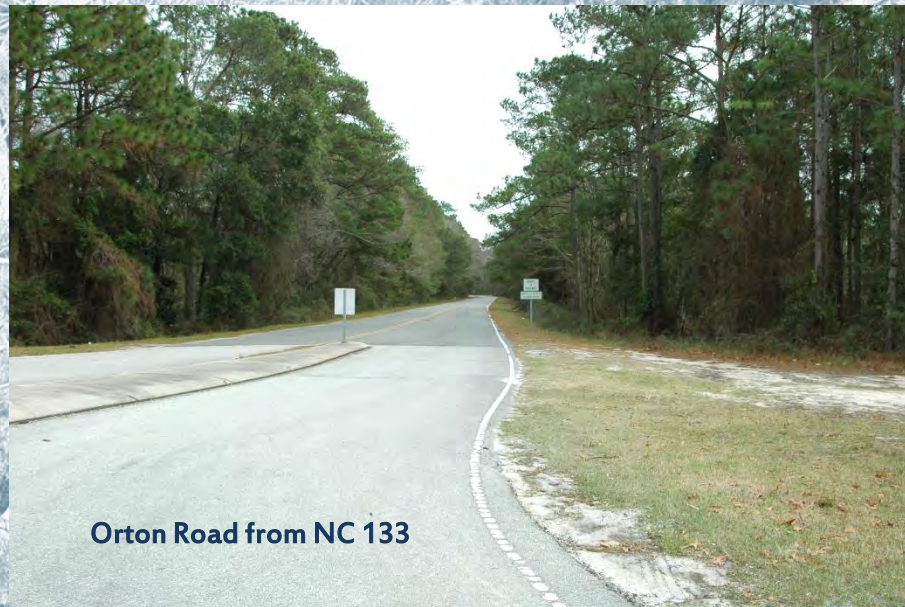


# *North Carolina Scenic Byway Program – action items*

## *Byway Revision Proposal*



### **Action Item # 2 – Revision to Brunswick Town Road – Designated in March, 1990**



In 2015, 0.48 miles of Plantation Road (SR 1529) was removed from the North Carolina state road system. This section was also the beginning of the Brunswick Town Road byway. To compensate for this removal, extension of the byway to include 0.3 miles of Orton Road (SR 1530) from the intersection with NC 133 to the intersection with Plantation Road (SR 1529), would again connect the byway to the NC route and provide easier access and better visibility to byway signing.



# North Carolina Scenic Byway Program – action items

## Byway Revision Proposal



### Action Item # 2 – Revision to Brunswick Town Road – Designated in March, 1990

#### Route Description:

Existing to be removed:

Plantation Road – 0.48 miles  
(SR 1529)

#### Proposed Extension:

Orton Road - 0.3 miles  
(SR 1530)

#### Existing to be retained:

Plantation Road – 1.6 miles  
(SR 1529)

#### Existing to be retained:

Saint Phillips Road – 0.4 miles (plus 0.2 miles to historic site) (SR 1533)



# *North Carolina Scenic Byway Program – action items*

## *Byway Revision Proposal*





# *North Carolina Scenic Byway Program – action items*

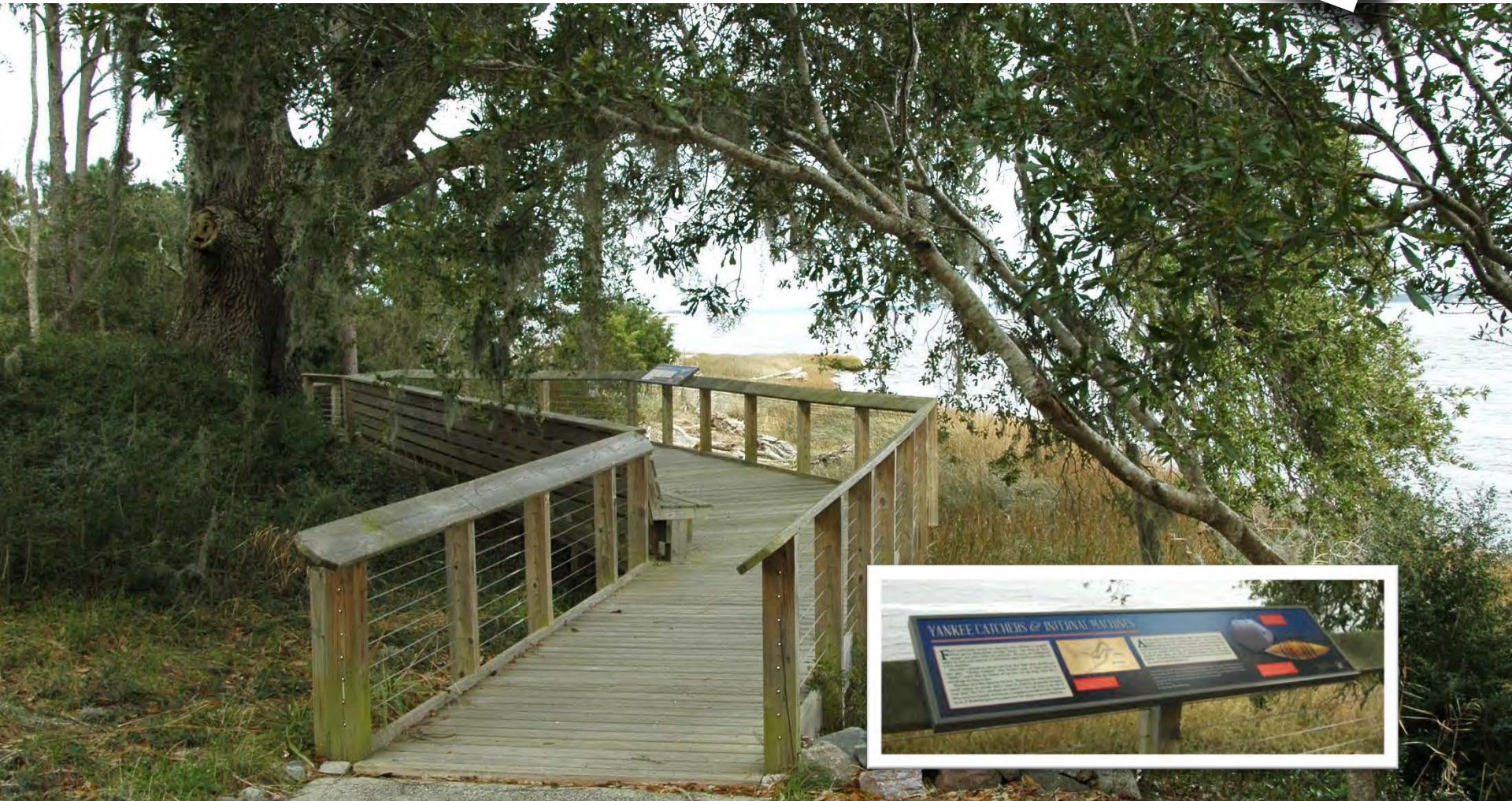
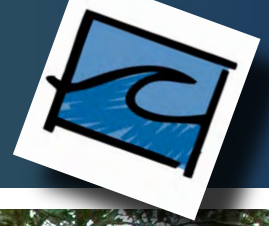
## *Byway Revision Proposal*





# *North Carolina Scenic Byway Program – action items*

## *Byway Revision Proposal*





# *North Carolina Scenic Byway Program – action items*

## *Byway Revision Proposal*





# *North Carolina Scenic Byway Program – action items*

## *Byway Revision Proposal*



### **Action Item # 2 – Revision to Brunswick Town Road - Designated in March, 1990**

**Current corridor length – 3 miles**

**Proposed corridor length – 2.3 miles**

**County: Brunswick**

**Recommendation: Revise Brunswick Town Road Scenic Byway to delete 0.48 miles of Plantation Road (SR 1529) from NC 133 to SR 1530 and designate 0.3 miles of Orton Road (SR 1530) from NC 133 to SR 1529 as part of the Brunswick Town Road byway.**





Board of Transportation Meeting - March 2, 2016



*This concludes the  
North Carolina Scenic Byway Program  
2015 Annual Report*

Connie Morgan – Scenic Byway Coordinator





# ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS COMMITTEE MEETING MINUTES

DATE: 02/02/2016 TIME: 1:31PM LOCATION: Room 150

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

## AGENDA TOPICS

1. APPROVAL OF JANUARY MEETING MINUTES - VICE CHAIR OVERHOLT	
DISCUSSION SUMMARY	Mr. Overholt moved to approve the January 2016 ED&IR Committee Meeting minutes, Mr. Perkins seconded the motion and the minutes were approved unanimously.
ACTIONS TAKEN	Approval of January Meeting Minutes
2. NC COMMERCE – ECONOMIC DEVELOPMENT FUNDS	
DISCUSSION SUMMARY	The economic development program managers at NC Commerce for Rural Grant - George Collier, NC Utility Fund - Mark Poole, and the CDBG Infrastructure Fund - George Sherrill were introduced to the committee by Vice-Chair Overholt. All three fund managers were brought in to discuss the specifics of each fund with everyday examples of its use. In addition, each manager illustrated examples of how each program relates to NCDOT and examples of co-funding to meet economic development goals of the recipients. In closing, committee members felt more informed about how outside agencies operate economic development programs.
ACTIONS TAKEN	The summary was received.
3. COMPREHENSIVE TRANSPORTATION PLAN (CTP) 2.0	
DISCUSSION SUMMARY	Patrick Norman presented to the committee the background of the CTP process and why it is an important component of any communities' vision. They also presented to the committee why in light of recent changes in funding as a result of the Strategic Transportation Investment law, the Transportation Planning Branch (TPB) needs to reevaluate the CTP process. Patrick Norman and TPB staff concluded their presentation with a promise to return periodically with more information regarding how the re-evaluation of the CTP process, or CTP 2.0, is proceeding.
ACTIONS TAKEN	The summary was received.
4. MEETING ADJOURNED – VICE CHAIR OVERHOLT	
DISCUSSION SUMMARY	Meeting adjourned at 2:25 p.m.
ACTIONS TAKEN	



# **ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS COMMITTEE AGENDA**

## **BOARD OF TRANSPORTATION MARCH 2, 2016**

**TIME: 1:30PM**

**LOCATION: Room 150**

<b>TOPIC</b>	<b>PRESENTER</b>	<b>TIME</b>
Welcome	Terry Hutchens, Chair	1:30-1:35
Role of Transportation in the State's Tourism Economies	Wilt Tuttell, NC Tourism	1:35-2:15
Discussion & Adjourn	All	2:15-2:30

# FUNDING & APPROPRIATION STRATEGIES COMMITTEE MEETING MINUTES

DATE: 2/3/16 TIME: 1:30 LOCATION: EIC

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

## AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF JANUARY MINUTES	
DISCUSSION SUMMARY	Moved by Mr. Debnam, seconded by Mr. Perkins
ACTIONS TAKEN	Approved unanimously
2. DISCUSSION OF ACTION ITEM – IMPROVE THE DELIVERY OF PROJECTS – MS. MCQUEARY	
DISCUSSION SUMMARY	Three methods: Increase incentives for early completion and penalties for late or incomplete work. If contractor is a certain percentage over timeframe, NCDOT can do a hard stop. Perkins: give a percentage to continue good work. Small companies get in over their head or go belly-up because they don't understand the scope of the job. Suggest we go back 4-5 years in review process. Debnam: Utility relocation is a problem. We have trouble with cable/phone. Can we address that? Mike Holder said it is being addressed by Six Sigma project to look at process, a workgroup and quarterly meetings with utility companies. Fearing: Who do we incentivize? McQueary: whoever got the contract can be incentivized. Can we incentivize staff? Give them a reason to stay rather than move to private sector? Fearing/Perkins: NCDOT needs more diversity. Holder: Staff training/incentives are always an issue in government. State is looking at tying incentives to performance. Strategies are in place to higher more diversely. McQueary: we will discuss third method another time.
ACTIONS TAKEN	No action taken.
3. RIGHT OF WAY – C. TOM CHILDREY	
DISCUSSION SUMMARY	Presentation: ROW process varies due to a multitude of variables. Steps in the process include: Receipt of Highway Plans and Authorization, Initial Contact with Owners, Appraisals, Offers to Owners, Claims Settled, Condemnations, Relocations and Revisions. Committee members requested the ROW manual and ROW Appraisal guide. Discussions: Can consultants can take the ROW process from start to finish or if they have check-in points. There are check-ins. Limits of ROW first contact? \$25,000 last visited 5 years ago. Is that enough? ROW process is being mapped. Why do we give "contingent" offers vs. offers? This is due to the process. If something in the process changes, the offer can change. If there is a mistake, offer should be reviewed by a different reviewer. There is no cut-off date policy for owners to respond to offers. Presentation/discussion will continue at March FAST meeting.
ACTIONS TAKEN	No action taken.

Adjourned: 2:36



# FUNDING & APPROPRIATION STRATEGIES COMMITTEE (FAST) AGENDA

## BOARD OF TRANSPORTATION MARCH 2, 2016

TIME: 1:30 – 2:30

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order - Approval of February minutes	Jim Crawford, Vice-Chair	
Right of Way	Tom Childrey	
Damage Claims Recovery Project	Ann Dishong/ Doug Cox	
Comments and Wrap-up	Jim Crawford, Vice-Chair	





## *Damage Claims Recovery Project*

Ann Dishong and Doug Cox



# *Damage Claims Recovery Project*

## **Definition:**

- Damage to NCDOT facilities caused by a motorist where NCDOT has a right to seek financial recovery for those damages. Included are damages to guardrail, signs, signals, structures and the roadway. This project examines damage to the state's highway facilities within the 14 highway divisions as well as on the turnpike system.

## **Purpose:**

- Examine the damage claims recovery process and recommend ways to:
  - Shorten the cycle time to recover damages
  - Increase the amount NCDOT recovers for damages



# *Two Types of Damage Claims*

## **Recoverable**

- Vehicle owner/operator is known
- Incident report is complete and available



## **Unrecoverable**

- Driver leaves the accident scene
- Difficult or not possible to connect source to damage



# *Damage Claims Recovery*

- Cycle Time of Process
- Financial Recovery Results



# *Recoverable Damage*

Over the past 10 years, NCDOT has improved in the recovery of damages when **there is** an incident report by law enforcement and the source of the damage is known.

FISCAL YEAR	WRITE-OFF PERCENTAGE
2005	11%
2006	13%
2007	15%
2008	15%
2009	12%
2010	10%
2011	7%
2012	4%
2013	7%
2014	3%



# *Two Types of Damage Claims*

## **Recoverable**

- Vehicle owner/operator is known
- Incident report is complete and available



## **Unrecoverable**

- Driver leaves the accident scene
- Difficult or not possible to connect source to damage



# *Next Steps*

- Unrecoverable Damage
  - Institute Pilot Tracking System
    - Data Collection
      - Financial
      - Process





# *Questions*





Funding & Appropriations Strategies Committee  
March 2, 2016

*Right of Way Process*

C. Tom Childrey



## *Right of Way (ROW) Process*

- The Right of Way acquisition process varies in length due to a multitude of variables.
- The presentation will provide a general overview of the process and context to why varying timeframes exist.



# *Right of Way (ROW) Process*

## Process Steps in ROW Acquisitions

1. Receipt of Highway Plans and Authorization
2. Initial Contacts with Owners
3. Appraisals
4. Offers to Owners
5. Claims Settled
6. Condemnations
7. Relocations
8. Revisions



# *Right of Way (ROW) Process*

Step 1:

## **Receipt of Highway Plans and Authorization**

# *Right of Way (ROW) Process*

Step 2:

## **Initial Contacts with Owners**

# *Right of Way (ROW) Process*

Step 3:

## **Appraisals**



# *Right of Way (ROW) Process*

Step 4:

**Offers made to Owners**

# *Right of Way (ROW) Process*

Step 5:

**Claims Settled and Closed**

# *Right of Way (ROW) Process*

Step 6:

## **Condemnations**

# *Right of Way (ROW) Process*

Step 7:

## **Relocations**

- Residential Relocations
- Business Relocations

# *Right of Way (ROW) Process*

Step 8:

## **Revisions**

# *Questions ??*

## Process Steps in ROW Acquisition

1. Receipt of Highway Plans and Authorization
2. Initial Contacts with Owners
3. Appraisals
4. Offers to Owners
5. Claims Settled
6. Condemnations
7. Relocations
8. Revisions





# HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 02-03-2016 TIME: 10:30 AM – 12:00 PM LOCATION: 150

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

## AGENDA TOPICS

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

2. H 232 BICYCLE SAFETY REPORT – KEVIN LACY, PE	
DISCUSSION SUMMARY	<p>An H 232 Working group was established to address the legislative mandate requiring NCDOT to study NC bicycle and traffic laws and make recommendations on how the laws could better ensure the safety of cyclists and motorists. Members included representatives from NCDOT, law enforcement, trucking industry, agriculture industry, bicycle industry, and local government. They met four times between August and November 2015. Some of the issues the work group discussed were how faster-moving vehicles can safely drive around bicycles on roadways where sight distance is an issue, whether cyclists should be required to ride single file or allowed to ride two or more abreast, should they be required to carry form of ID, visibility of the cyclist (reflective clothing, lighting on bike, etc.), hand signaling requirements, passing distance of bicycle, operating position on roadway, informal group rides on rural roads, texting and use of headphones while cycling, aggressive driving, and vulnerable road user protection, and formal group event permitting/regulations. A report was drafted with workgroup recommendations and sent to JLTOC on January 8, 2016. (The report can be found online at: <a href="http://www.ncdot.gov/bikeped/lawspolicies/">http://www.ncdot.gov/bikeped/lawspolicies/</a>.) The next step is for the General Assembly to decide what actions to take based on the recommendations from the report. Legislative action is required for any report recommendations to become law. In the discussion that followed, it was clarified that only full C/A facilities prohibit bicyclists.</p>
ACTIONS TAKEN	



# HIGHWAYS COMMITTEE MEETING MINUTES

## 3. BONNER BRIDGE/NC 12 UPDATE – JERRY JENNINGS, PE

### DISCUSSION SUMMARY

There are 3 current projects along NC 12: Bonner Bridge Replacement, Pea Island Interim Bridge and Rodanthe Bridge. Bonner Bridge: The Oregon Inlet opened in 1846, a private ferry began operating in the 1920s (later taken over by the State in the 1950s), then Bonner Bridge opened in 1963. The terminal groin (intended to try and slow down the South migration of the inlet) was completed in 1991. The DB contract was awarded to PCL Civil Constructors with HDR being the lead design firm to replace the bridge in 2011. (Subsequently, a settlement agreement was reached to replace the bridge in 2015.) The original bid was approximately \$216M but the contract will have to be adjusted now due to delays and design changes. The new bridge, which will be located immediately to the west of the old bridge, will be 0.4 miles longer and will have only 83 bents (compared to the 207 of the old bridge) allowing for 7 navigation spans. (The old bridge provides only 1.) The navigation openings at each of these spans will be 291-314 feet compared to 130 feet on the old bridge. The navigation zone of the new bridge will be 3,550 feet compared to 502 feet of the old bridge. With a 100 year design lifespan, the new bridge will use many precast concrete elements as well as stainless reinforcing steel and high durability concrete to protect against corrosion. A single work trestle will be utilized for demolition of the old bridge and construction of the new bridge. A portion of the existing bridge will be retained and used as a training structure (and it also helps keep the south side of the inlet in place) as recommended by the Corps of Engineers while some of the bridge demolition material will be used at offshore reef sites. A critical utility conflict was moved in December 2015 and the contractor has begun mobilization. Fabrication of the concrete components is underway and the onsite construction should begin in March and take about 3 years to complete. Pea Island Interim Bridge: A breach was formed after Hurricane Irene came through the area in August 2011. As a result, a 660' temporary steel bridge was constructed but it only has a 3-5 year lifespan so planning started for a longer term solution. A \$79.7M contract was awarded in November 2013 for a 2 mile permanent structure but work was suspended in September 2014 due to the Bonner Bridge lawsuit. Following a settlement agreement, the Department will reevaluate a long term solution and continue to pursue an interim bridge, the contract was terminated in June 2015. A new \$14.3M contract was awarded in November 2015 that includes a ½ mile long interim structure. Preliminary work began in December 2015 with fabrication of concrete components underway and mobilization beginning. Onsite construction will begin around the same time as Bonner Bridge (March 2016) but will be completed early around April 2017. Rodanthe Bridge: Located further south along NC 12, Rodanthe has been a historical hot spot. It too was affected by Hurricane Irene and a breach was formed in August 2011. As a result the roadway was reconstructed and sandbags were placed. A subsequent beach nourishment project was completed in September 2014 which is still holding up well. Planning for a long term solution has been underway for several years and a preferred alternative was selected in June 2015. A public workshop is planned for March/April 2016 and Record of Decision will soon follow. The design includes a 2.5 mile "jug handle" design to bypass the area that has historically been impacted by over wash. This design will move the bridge into a less dynamic environment. The estimated cost is \$200M. The DB teams have been shortlisted and the contract will be awarded later this year.

### ACTIONS TAKEN

# HIGHWAYS COMMITTEE MEETING MINUTES

4. TAMP UPDATE – MIKE HOLDER, PE	
DISCUSSION SUMMARY	<p>The Transportation Asset Management Plan (TAMP) is a document all states are required by FHWA to produce over the next few years. NCDOT's approach to developing this document includes the formation of three committees: an Executive Oversight Committee chaired by Chief Engineer Mike Holder, a Pavement Work Group chaired by State Pavement Management Engineer Judith Corely-Lay, and a Bridge Work Group chaired by State Structures Engineer Thom Koch. The work groups include members of various NCDOT units as well as MPO/RPO and FHWA representatives. The TAMP is required to include NHS pavements and Federal aid bridges. The Department is also including some information about our non-NHS road system because of its significant impact on our funding. We are considering including high mast light structures, overhead sign structures and large pipes. Other assets that may be added in the future include noise walls, signs, and signals. The document must also include a gap analysis showing the impact of asset conditions with changes in funding levels, life cycle cost analysis for network of pavements and bridges, a risk analysis, a 10 year financial plan to manage asset condition and performance, funding options, and a plan for updating and improving our TAMP. The chapters that outline the document follow these requirements. Currently NCDOT has completed chapters 1 and 2 that outline our mission and goals and defines the assets being included in our TAMP. Work is nearly complete on the gap analysis as well as the risk analysis and the life cycle cost analysis will be completed this summer. Work on the TAMP will continue over the next 1-2 years and once completed, it must be certified by the NC district office of FHWA. It will be updated periodically and recertified by FHWA. Additionally as part of this effort, a NHI class on Risk Analysis was held for all TAMP committee members as well as a Federal Aid 101 and NCDOT internal finance classes. The question was asked relative to if there will be an impact on the flow of funds back to the states with the TAMP. This document is a requirement of all states and receiving federal funding is contingent on its completion and certification. We do not foresee this being an issue for our state as we are working hand in hand with our FHWA partners as we develop our TAMP.</p>
ACTIONS TAKEN	



# HIGHWAYS COMMITTEE MEETING MINUTES

5. PRESENTATION TITLE – PRESENTER	
DISCUSSION SUMMARY	
ACTIONS TAKEN	



# HIGHWAYS COMMITTEE AGENDA

## BOARD OF TRANSPORTATION MARCH 2, 2016

TIME: 10:30 AM – 12:00 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Litter Removal Update	Don Lee, CPESC	20 min
School Transportation	Kevin Lacy, PE & Joel Cranford	20 min
US 70/Gallant's Channel Bridge Replacement	John Rouse, PE	20 min
Other Discussion	Jake Alexander	30 min



Board of Transportation Highway Committee  
March 2016

## *Litter Removal Update*

Don G. Lee, CPESC



## *Introduction*

- Session Law 2015-241 (HB 97)
- Litter Removal Methodologies
- New Litter Removal Contracts
- Enforcement
- Education

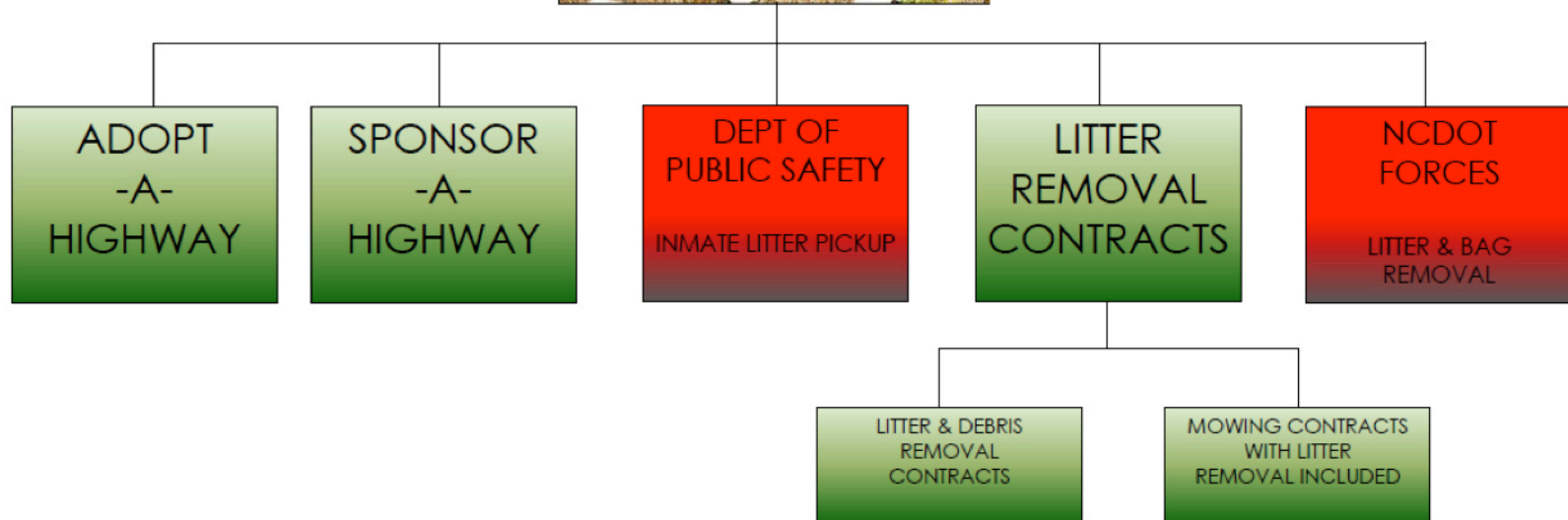


# Litter Removal Methods

HOW LITTER WAS REMOVED FROM NORTH CAROLINA HIGHWAYS THROUGH 2015



AVG. ANNUAL EXPENDITURE - \$16M/YR





## *Adopt-A-Highway*

- Program Started in 1998
- 2014 – 4243 Groups
- 2015 – 4780 Groups
- AAH Annual Pickup – 3.5 Million Pounds
- Total Annual Savings – \$4.4 Million
- Goal for 2016 - 6000 Groups
- IT Improvements to Website Database In Progress



## *Sponsor-A-Highway*

- Program Initiated in 2011
- 2014: 45 Segments Sponsored (Routes Available in 22 Counties)
- 2015: 61 Segment Agreements in Place with 68 Pending Review and Approval (Routes Available Statewide)
- Saves \$300 per Segment per Cleanup
- Annual Savings \$3600 per Segment or \$460,000 per Year



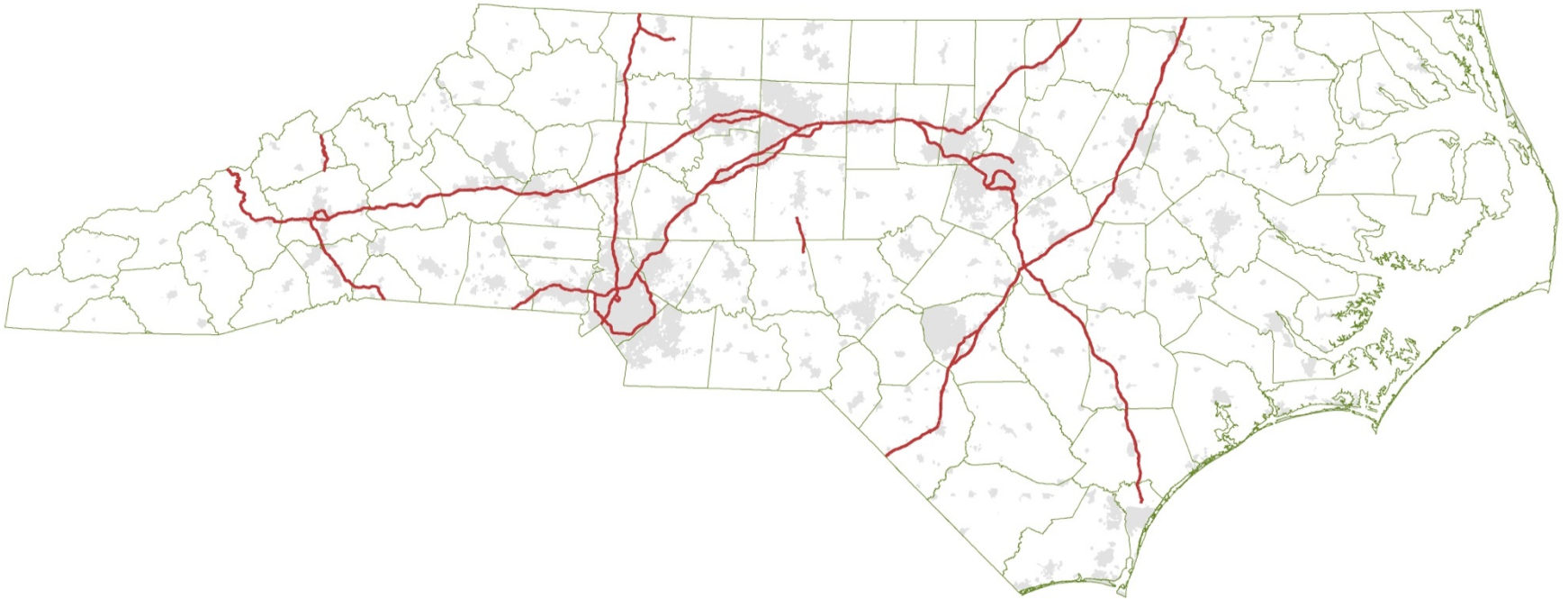
# *Litter Removal Contracts*

- 2015 Litter Removal Contracts
  - Divisions 5,7,10, and 14
  - \$828,000 Spent
  - 54,158 Project Miles
- Near Term Approach
  - New Interstate Contract for Interstates
  - Awarded March 1, 2016
  - \$2.1 Million
  - 1,279 Roadway Miles
  - 14,374 Project Miles (4 to 24 Cycles)
- Long Term Approach
  - Additional High Priority Primary and Secondary Routes





# *Interstate Litter Removal Contracts*



## *Enforcement*

- The minimum fine for a first offense of littering is \$250 with maximum fines going as high as \$1000.
- Subsequent offenses can bring community service requirements and fines of up to \$2000.
- 1500 citations issued for littering



## *Education*

- Litter Free NC – DPS
- Swat-A-Litterbug
- Keep NC Beautiful
- NC DEQ (Recycle Guys, RE3.org, Recycle More NC)
- Communications Office
- NC State Fair Booth and other Public Events
- Welcome Centers



## *NCDOT Forces*

- Routine and Emergency Litter Pick Up
- DPS and AAH Bag Removal
- Participate in Litter Sweep
- Current Evaluating Use of NCDOT Forces





## *Goals for 2016*

- Consolidate Division Litter Manager responsibilities
- Increase litter removal contracts
- Upgrade existing AAH website/database & develop statewide litter management system
- Develop consistent Statewide approach to litter data management, litter bag pickup reporting, litter customer complaint tracking, and cost analysis for all litter removal programs
- Evaluate/develop new litter prevention/education initiatives

*Questions?*







Board of Transportation Highways Committee  
March 2016

## *School Transportation*

Kevin Lacy and Joel Cranford



# **Municipal and School**



# **Transportation Assistance**

**[www.ncdot.gov/~msta](http://www.ncdot.gov/~msta)**



## Providing Assistance to:

- NCDOT Division Offices
  - Municipalities
  - School Officials
  - Developers

# Municipal and School Transportation Assistance (MSTA) Definition and Purpose

- **Definition:** MSTA is a section in the Traffic Management Unit of the Transportation Mobility and Safety Division in NCDOT
- **Partners:** Municipalities, School Districts, Schools, Law Enforcement, Parent Teacher Associations, Developers and other NCDOT units
- **Purpose:** Continue to provide North Carolina with safe roads to safe schools through congestion mitigation around educational facilities





# MSTA/School Relationship





# North Carolina's School Numbers & Enrollment 2015-2016

Type School	Locations	Students
Public	2,434	1,450,828
Charter	160*	69,477
Private	<u>733</u>	<u>118,931</u>
	3,327	1,639,236

\* 10 additional Charters in 2015 and 71 Applications to Open in 2016

The current student population in North Carolina places over 3.2 million students in and along roadways each day as they are being driven, walking, or riding a bicycle to and from school





# Traffic patterns and school activities require a collaborative safety approach





# Traffic patterns and school activities require a collaborative safety approach

## Pedestrian



# Traffic patterns and school activities require a collaborative safety approach

**Legislation, GS 136-18 (29a) requires all school planners to provide NCDOT recommendations and evaluations of their traffic operations and safety impacts to the state highway system prior to construction.**

**Chapter 136.  
Roads and Highways.**

**Article 1.**

**Organization of Department of Transportation.**

**§ 136-18. Powers of Department of Transportation.**

The said Department of Transportation shall be vested with the following powers:

(29a) To coordinate with all public and private entities planning schools to provide written recommendations and evaluations of driveway access and traffic operational and safety impacts on the State Highway system resulting from the development of the proposed sites. All public and private entities shall, upon acquiring land for a new school or prior to beginning construction of a new school, relocating a school, or expanding an existing school, request from the Department a written evaluation and written recommendations to ensure that all proposed access points comply with the criteria in the current North Carolina Department of Transportation 'Policy on Street and Driveway Access'. The Department shall provide the written evaluation and recommendations within a reasonable time, which shall not exceed 60 days. This subdivision shall not be construed to require the public or private entities planning schools to meet the recommendations made by the Department, except those highway improvements that are required for safe ingress and egress to the State highway system.

# Resources



Manuals



MSTA Staff

School Name: Your County School  
Is this a PUBLIC school? ☒ Yes

Version: 6172003

MSTA School Queue Input					Calculations				
Type School	Student Population	Number of Buses	Faculty Members	Student Drivers	PM Total Number of Vehicles	PM Maximum Vehicles	Required Queue Length	Total AM Trips	Total PM Trips
Elementary	800	10	90		131	60	1323	685	272
Middle	10	10	10		74	1673	812	304	
High	25	25	450		65				
AM Buses	10	10	393		293	131	10	141	
OUT	293								
AM Elementary Trips								685	272
PM Elementary Trips									
Middle School Data									
Direction	Parents	Buses	Faculty	Student Drivers	Trips	Parents	Buses	Faculty	Student Drivers
IN	138	25	135	450	748	65			
OUT	138				138	65	25		450
AM High Trips									605
PM High Trips									
Total All AM Trips	In	1606							338
Out	776								843
Total		2382							1181
Total All PM Trips	In								338
Out									843
Total									1181

ADT 357

1116

1491

2584

AM traffic for normally take minutes.

[www.ncdot.gov/~msta](http://www.ncdot.gov/~msta)

# MSTA School Traffic Calculator

## The MSTA School Traffic Calculator:

- contains over 20 years of school data continuously updated and collected across North Carolina
- provides school data specific to North Carolina helping architects and engineers more accurately design and analyze the campus and impacts to nearby intersections
- provides North Carolina Specific Traffic Data for Public, Urban Charter and Private Schools
- identifies vehicle storage lengths for student loading operations
- is an accurate engineering analysis tool for estimating traffic volumes
- helps determine safe and effective low cost traffic solutions by applying basic traffic engineering practices and principals

School Name: Your County School									
Is this a PUBLIC school? <input checked="" type="checkbox"/> Yes									
MSTA School Queue Input					Calculations				
Type School	Student Population	Number of Buses	Faculty Members	Student Drivers	PM Total Number of Vehicles	PM Maximum Vehicles	Required Queue Length	Total AM Trips	Total PM Trips
Elementary	800	10	90		131	60	1323	685	272
Middle	1000	20	100		142	74	1673	812	304
High	1500	25	135	450	65	36	884	886	605
								2383	1181
Elementary School Data									
AM Trips Generated					PM Trips Generated				
Direction	Parents	Buses	Faculty	Trips	Parents	Buses	Faculty	Trips	
IN	233	10	90	333	131			131	
OUT	233			233	131	10		141	
				685				272	
Middle School Data									
AM Trips Generated					PM Trips Generated				
Direction	Parents	Buses	Faculty	Trips	Parents	Buses	Faculty	Trips	
IN	345	20	100	465	142			142	
OUT	345			345	142	20		162	
				812				304	
High School Data									
AM Trips Generated					PM Trips Generated				
Direction	Parents	Buses	Faculty	Student Drivers	Trips	Parents	Buses	Faculty	Student Drivers
IN	138	25	135	450	748	65			65
OUT	138				138	65	25		450
					886				540
AM High Trips					PM High Trips				
Total				In	1506				338
All AM Trips				Out	776				842
				Total	2282				1181
All PM Trips					Total				
									2544



# MSTA is currently working with:

## Interagency School Siting Committee

Addressing school siting in North Carolina

*Organizations represented include:*

**Department of Public Instruction**

**Department of Health and Human Services**

**Department of Commerce**

**Department of Transportation**

**Identifying and reviewing issues regarding child safety and health associated with school siting including a school's location and design**

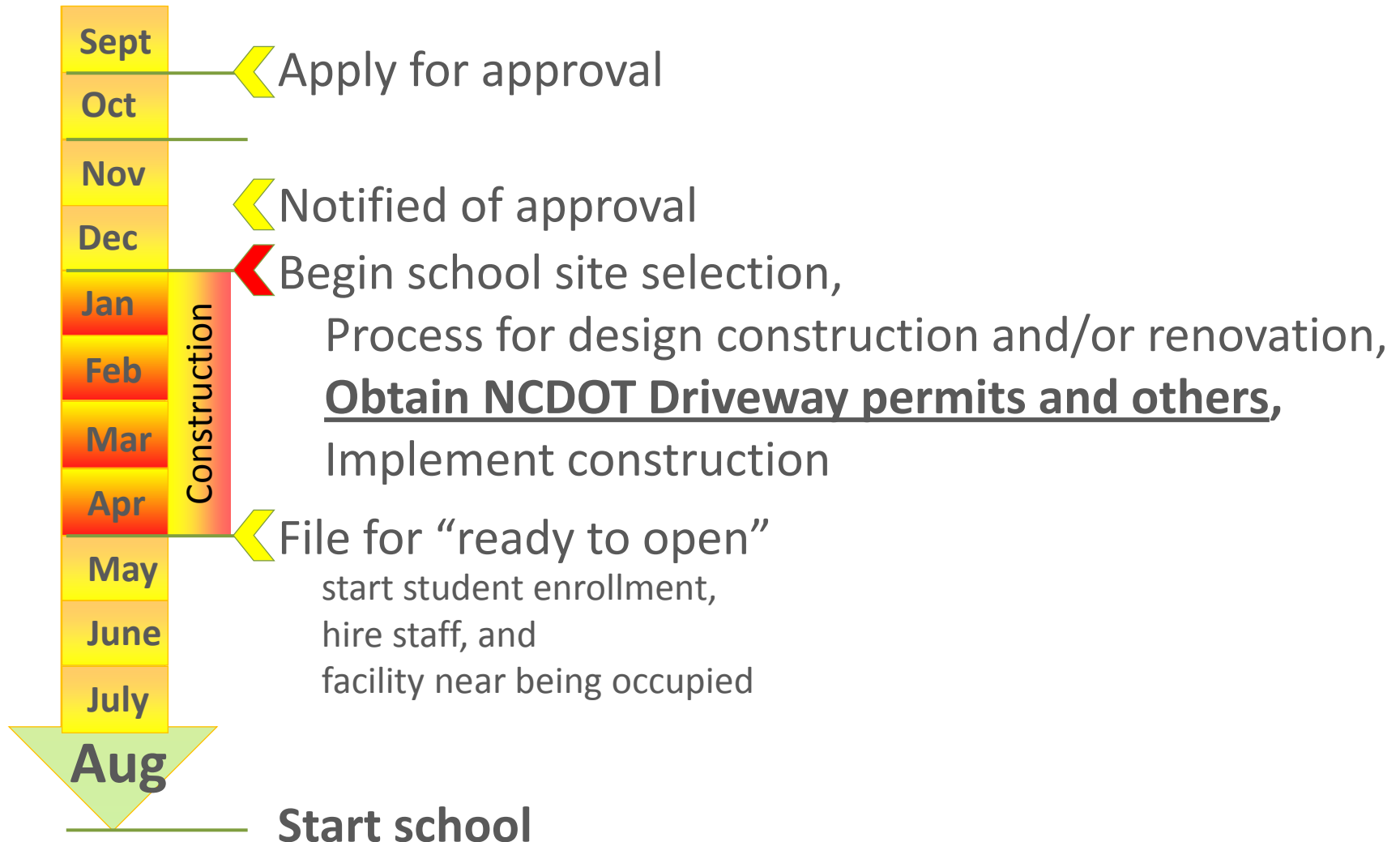
# Assisting Our Customers

## All Public and Private Schools

- Developers with new school site selection
- Design of on-campus traffic operations
- Design of student loading process
- Identify transportation safety concerns (pedestrian, bicycle, buses)
- Review Memorandum of Understanding (MOU) for Traffic Impact Analysis (TIA)
- Provide comments on final site plan design and TIA recommendations for NCDOT driveway permit(s)

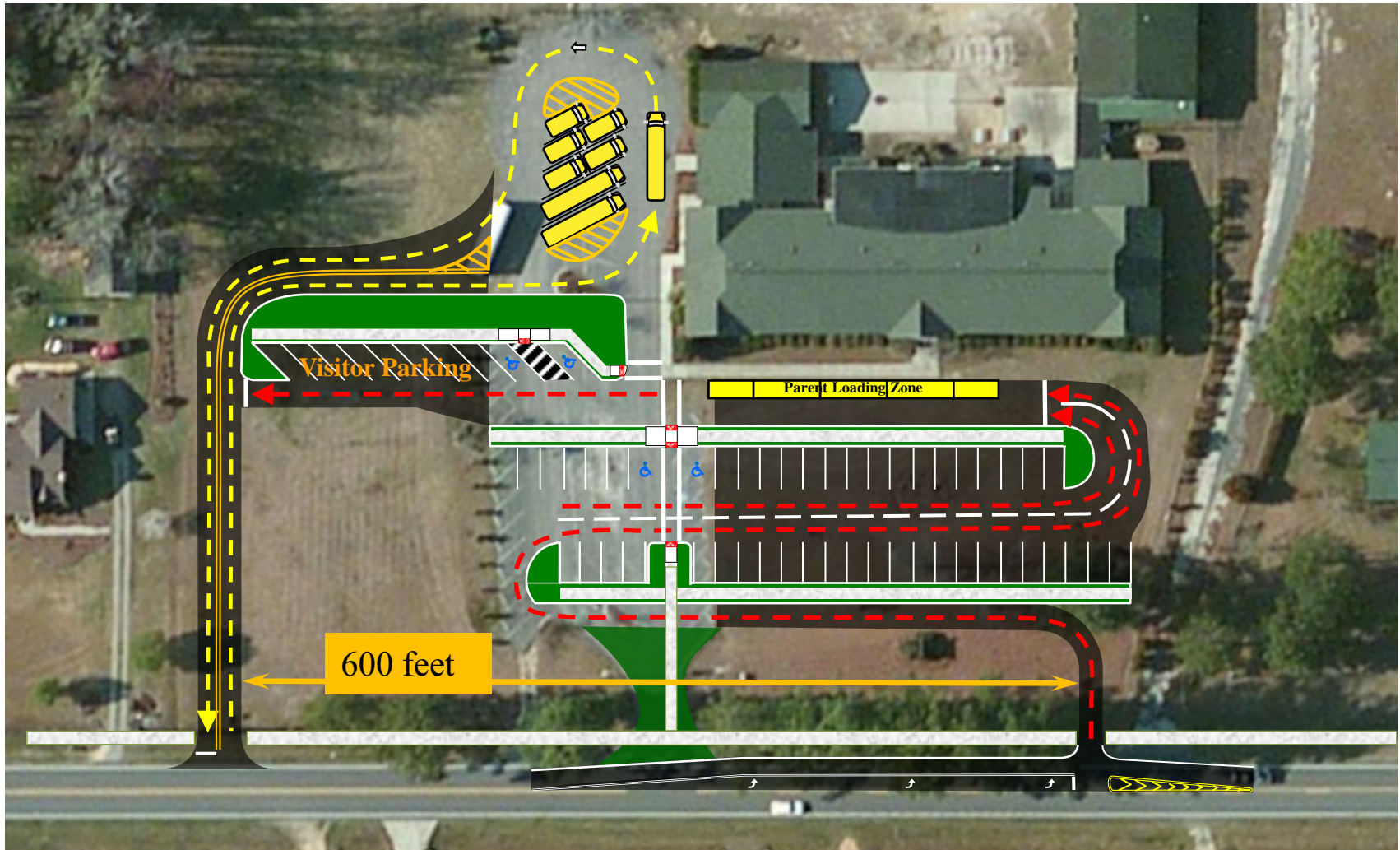
# Assisting Our Customers

## Charter School Construction Timeline (approximate)



# MSTA Performs TIA and Existing Campus Reviews

- Separate entering and exit driveways
- Provide a one-way traffic pattern
- Identify the Parent Loading Zone
- Provide short term parking past the loading zone
- Design with pedestrians in mind





# MSTA Performs Traffic Operations Reviews



# *Collaborative Safety Strategies*

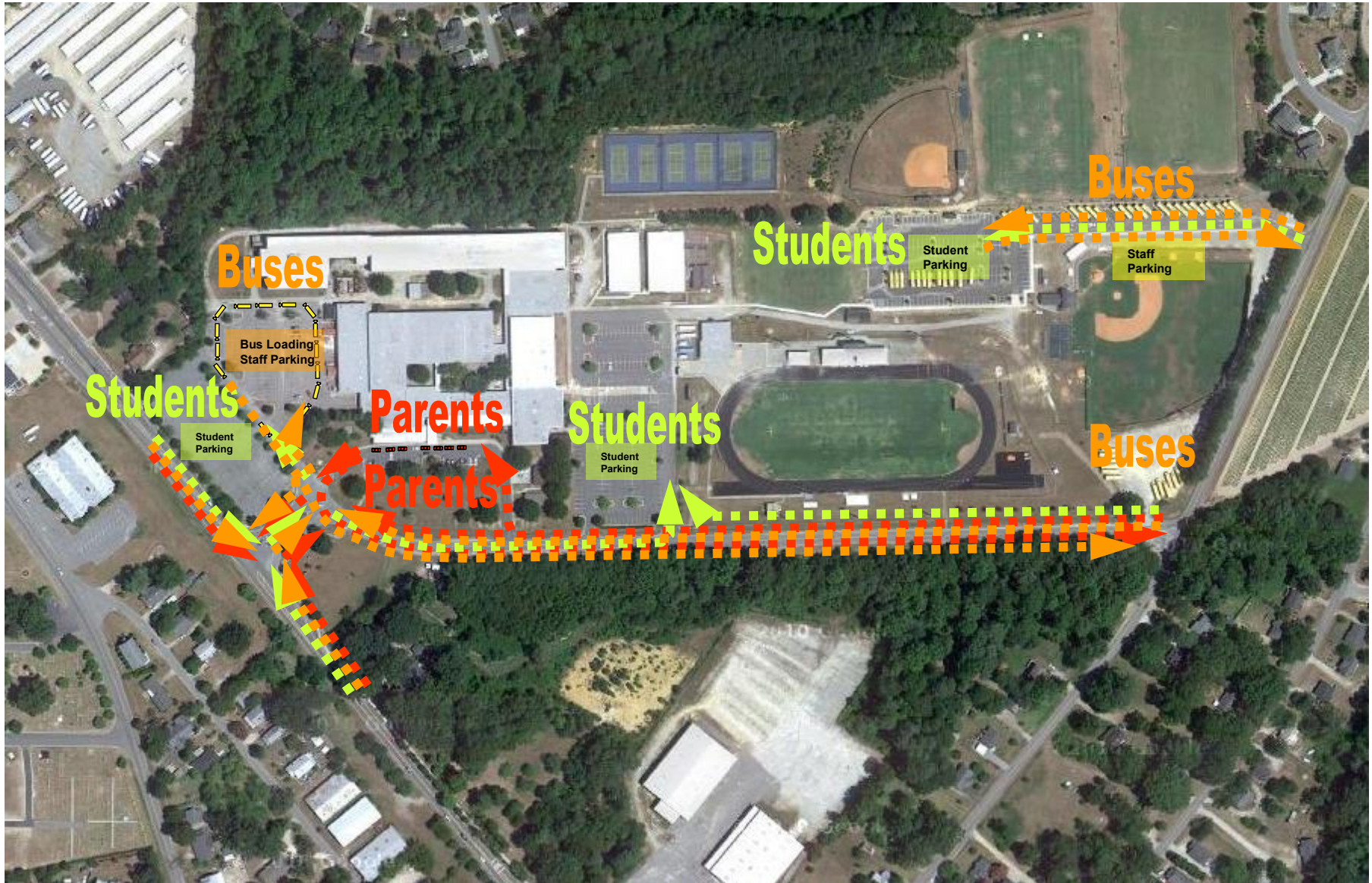
- On School Campuses

- Separate transportation types (pedestrians, vehicles, buses)
- Organize the student loading process
- Assign “Short Term Parking” near Loading Zone
- Restrict drivers options
  - Implement a one-way traffic pattern
  - Use pavement markings to define the desired travel route
  - Install gates and signs to prevent circumventing



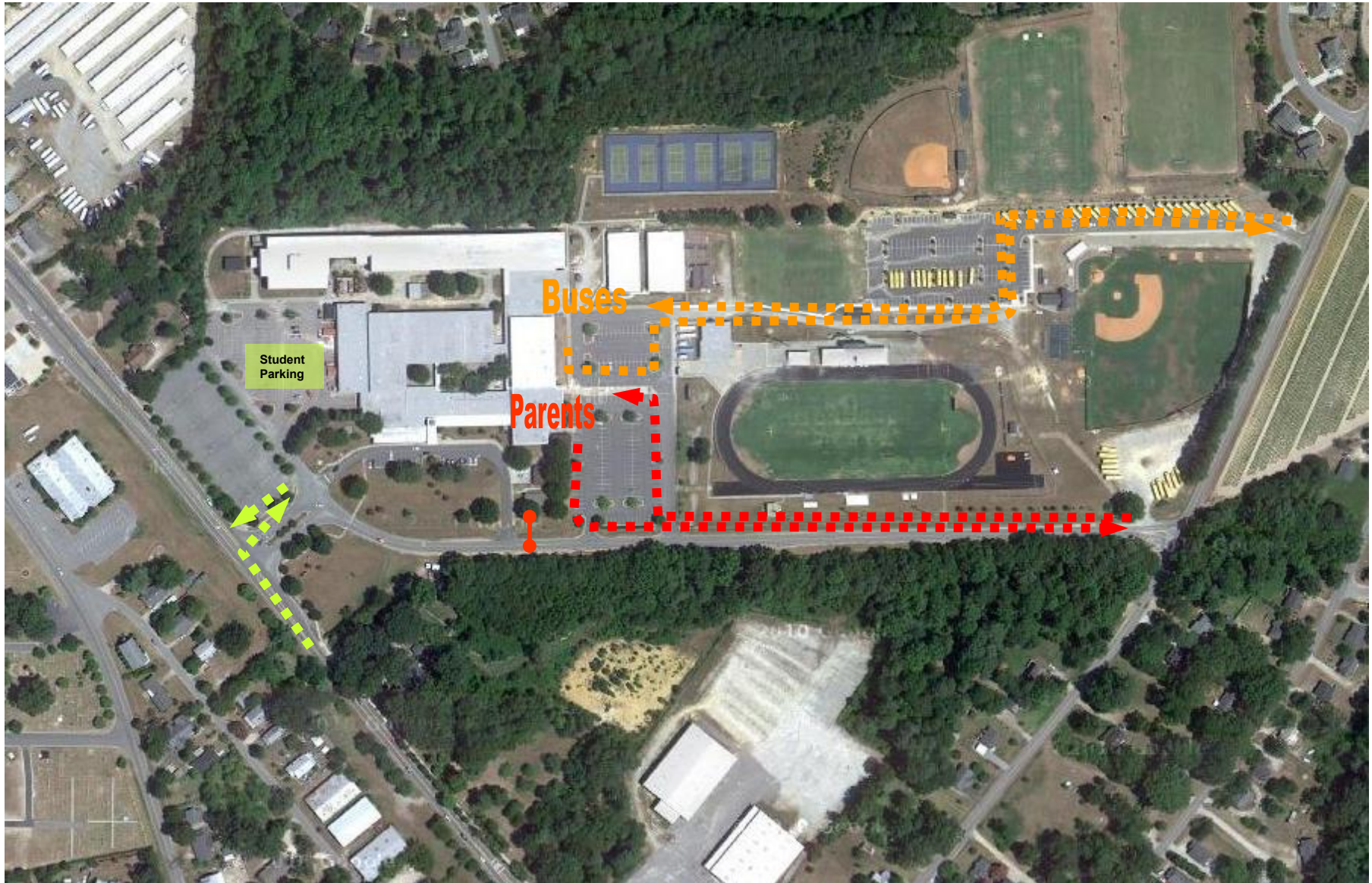


# Improve Traffic Operations





# Improve Traffic Operations



# *Identifying Pedestrian Safety Needs to Improve Overall Safety*

Need



Improvement





# Improve Traffic Safety At School Intersections Due to Increased Student Population and Existing Traffic Volumes (lane reduction and four way stop control)





# New design

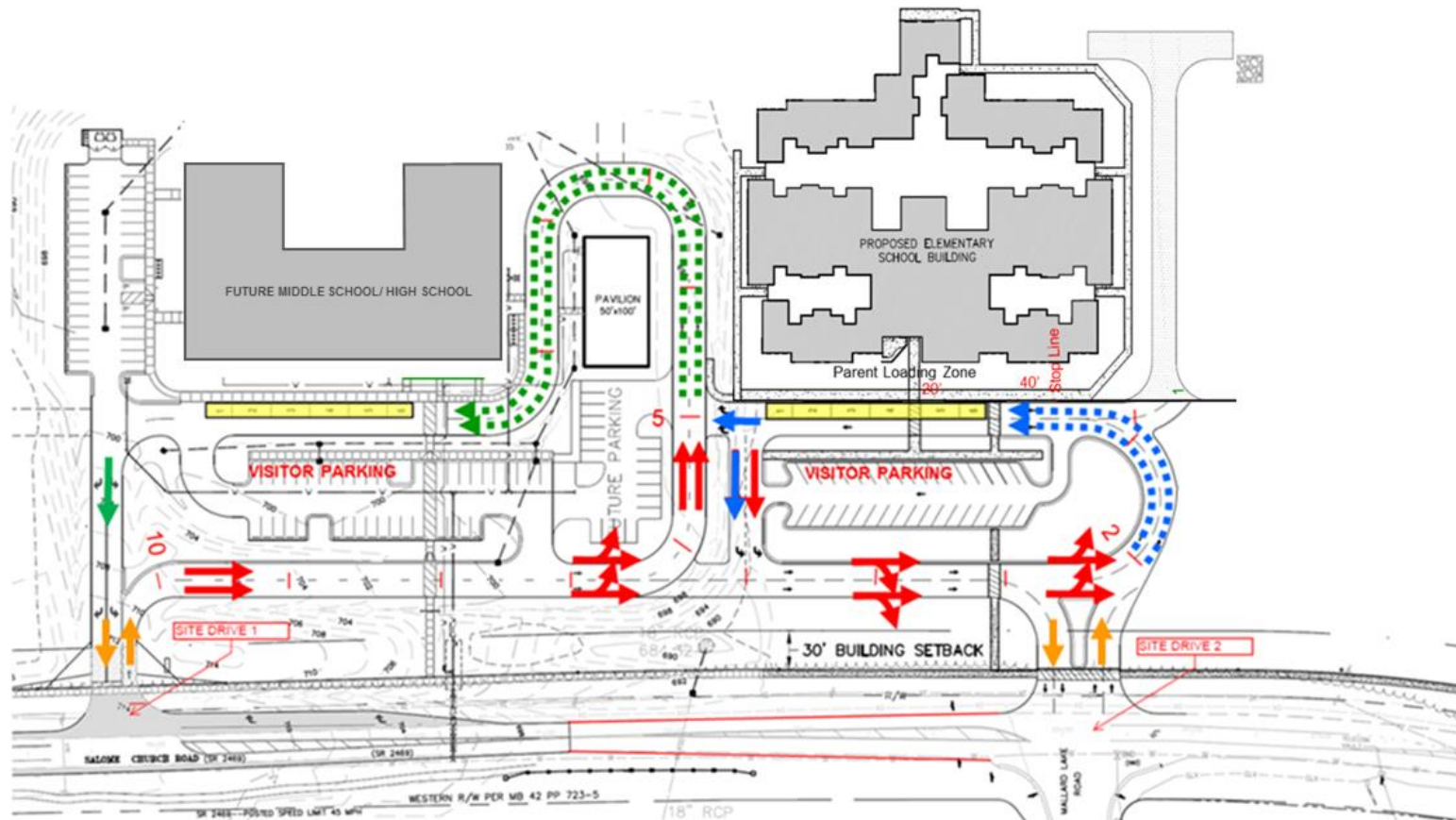
Developers with innovative student loading designs:



Loading 5 vehicles at one time creates a better managed 110-foot platoon  
(Recommended by Department of Public Instruction and NCDOT)

# Objective:

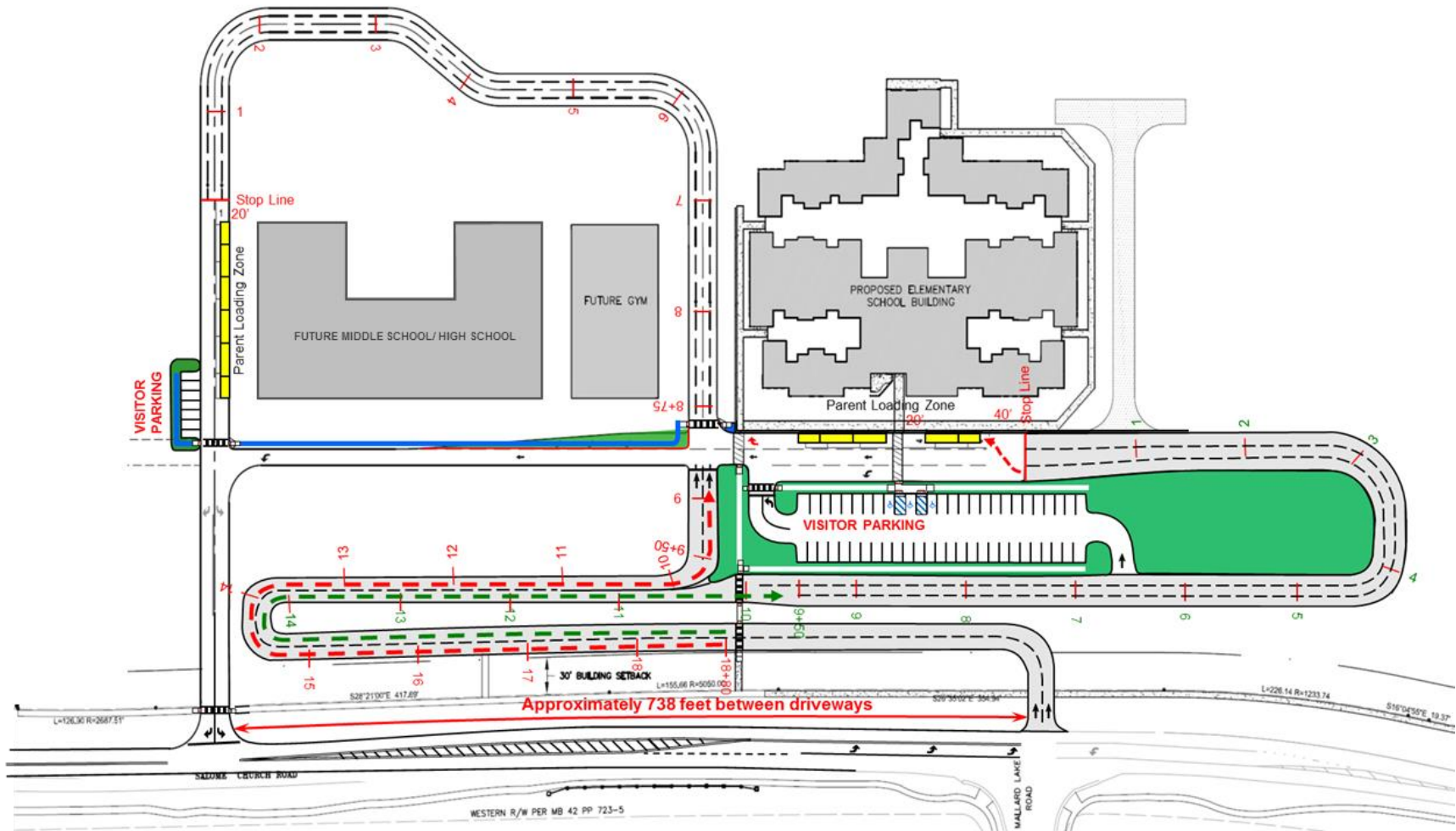
Reduce vehicle conflict points to achieve less congestion and delay





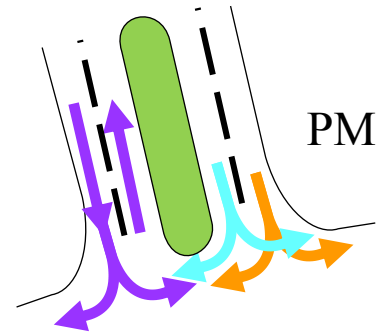
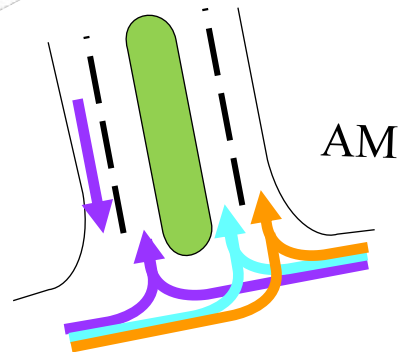
# Objective:

Reduce vehicle conflict points to achieve less congestion and delay



## Reduce Vehicle Conflicts:

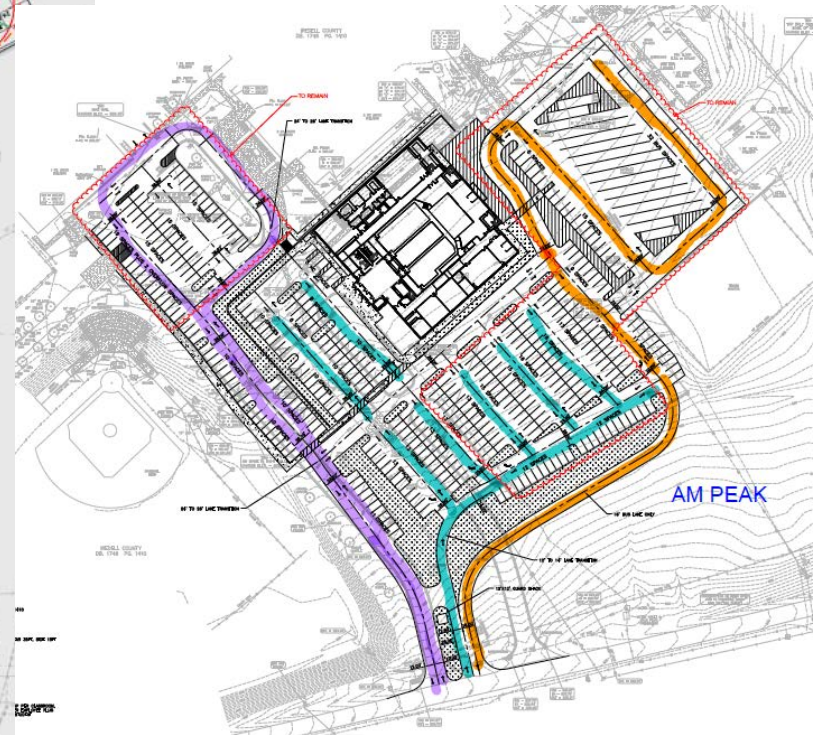
## Using standard traffic engineering practices and principals





# Reduce Vehicle Conflicts:

Using standard traffic engineering practices and principals





**Municipal and School**



**Transportation Assistance**

**Working Together  
To Provide  
Safe Roads to Safe Schools**





*Questions?*







March 2, 2016 Board of Transportation  
Meeting  
*US 70 / Gallant's Channel Bridge  
Replacement*

John W. Rouse, Jr., PE Division Two Engineer



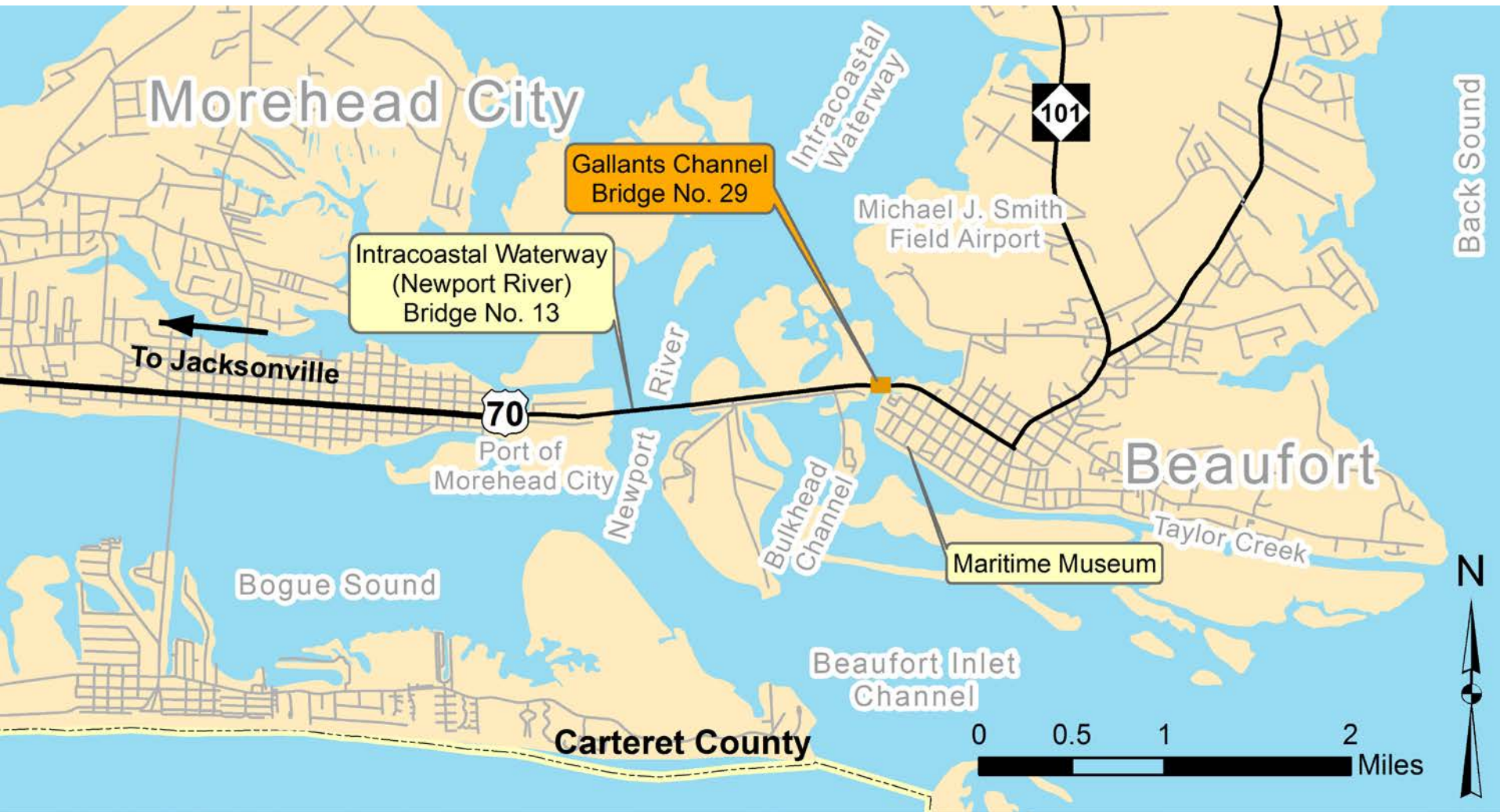


# *Agenda*

- Constructability Challenges
- Project Challenges
- Construction Update



# *Project Location*



## *Why is the Project Needed?*

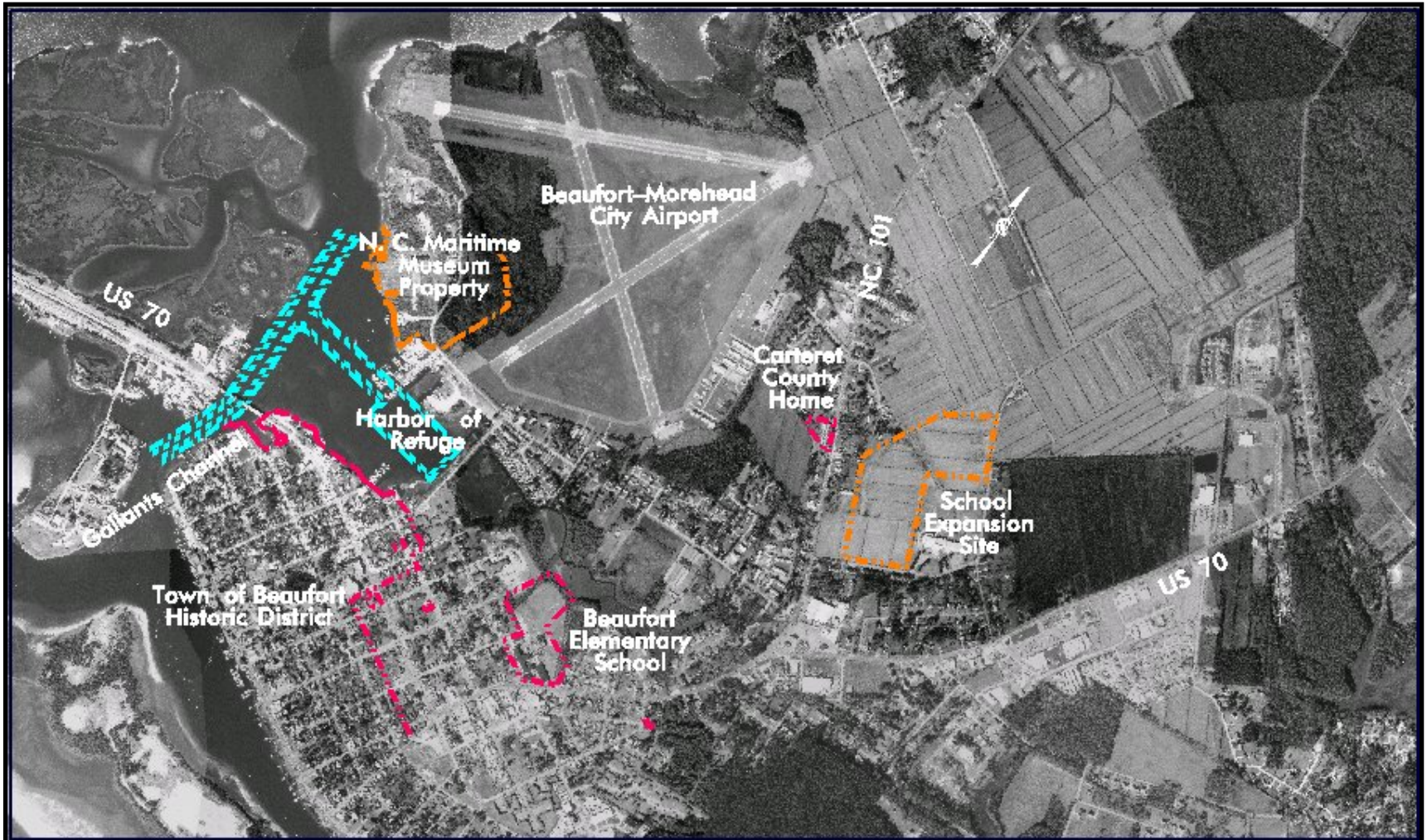
- Proposed Improvements (STIP Project R-3307)
  - Widen US 70
  - Replace existing drawbridge (constructed in 1957)
- Purpose of Project
  - Increase traffic carrying capacity of US 70
  - Eliminate delays to both boating and vehicular traffic due to drawbridge openings







# *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

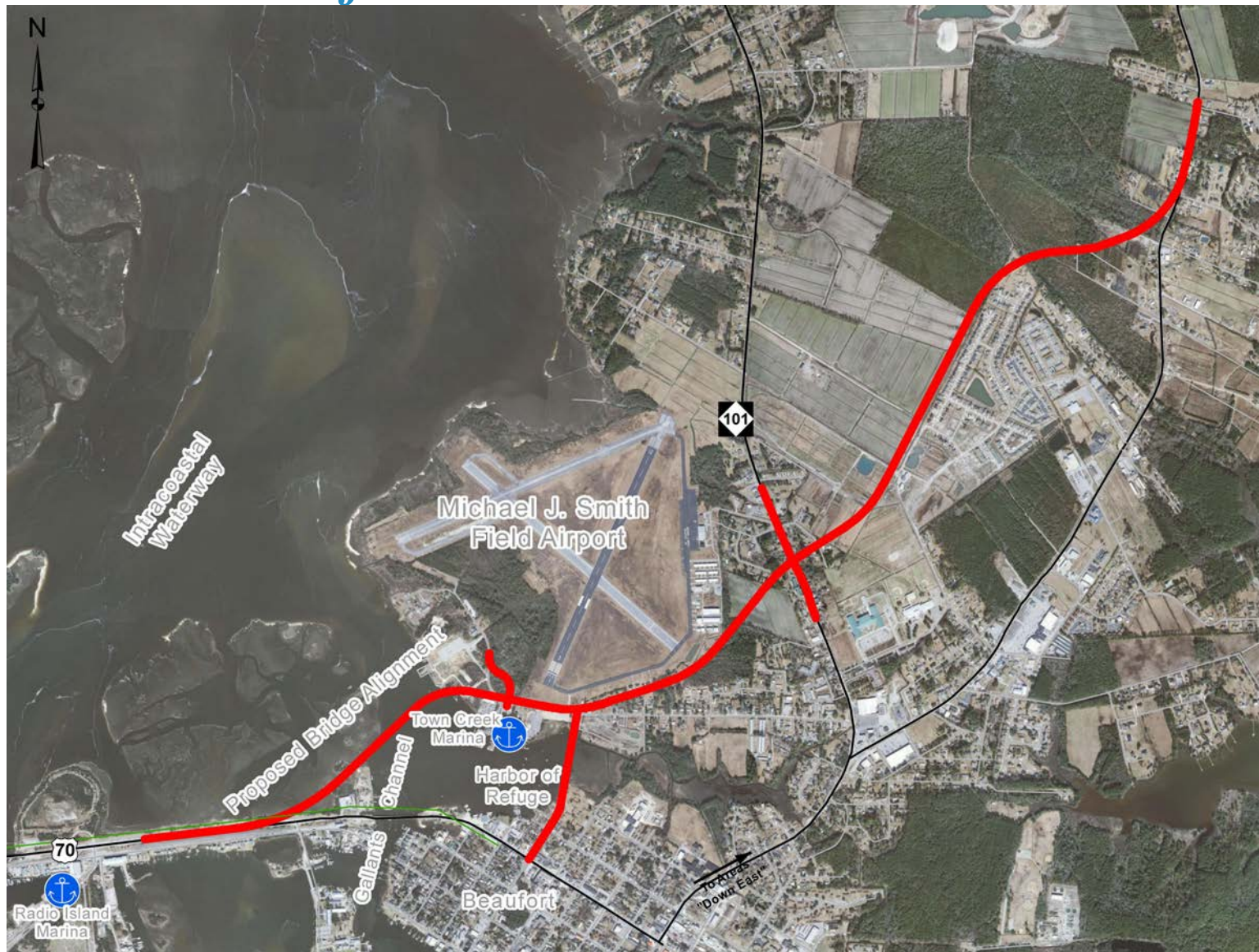


## *Environmental Study*

- Environmental Study:
  - 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*

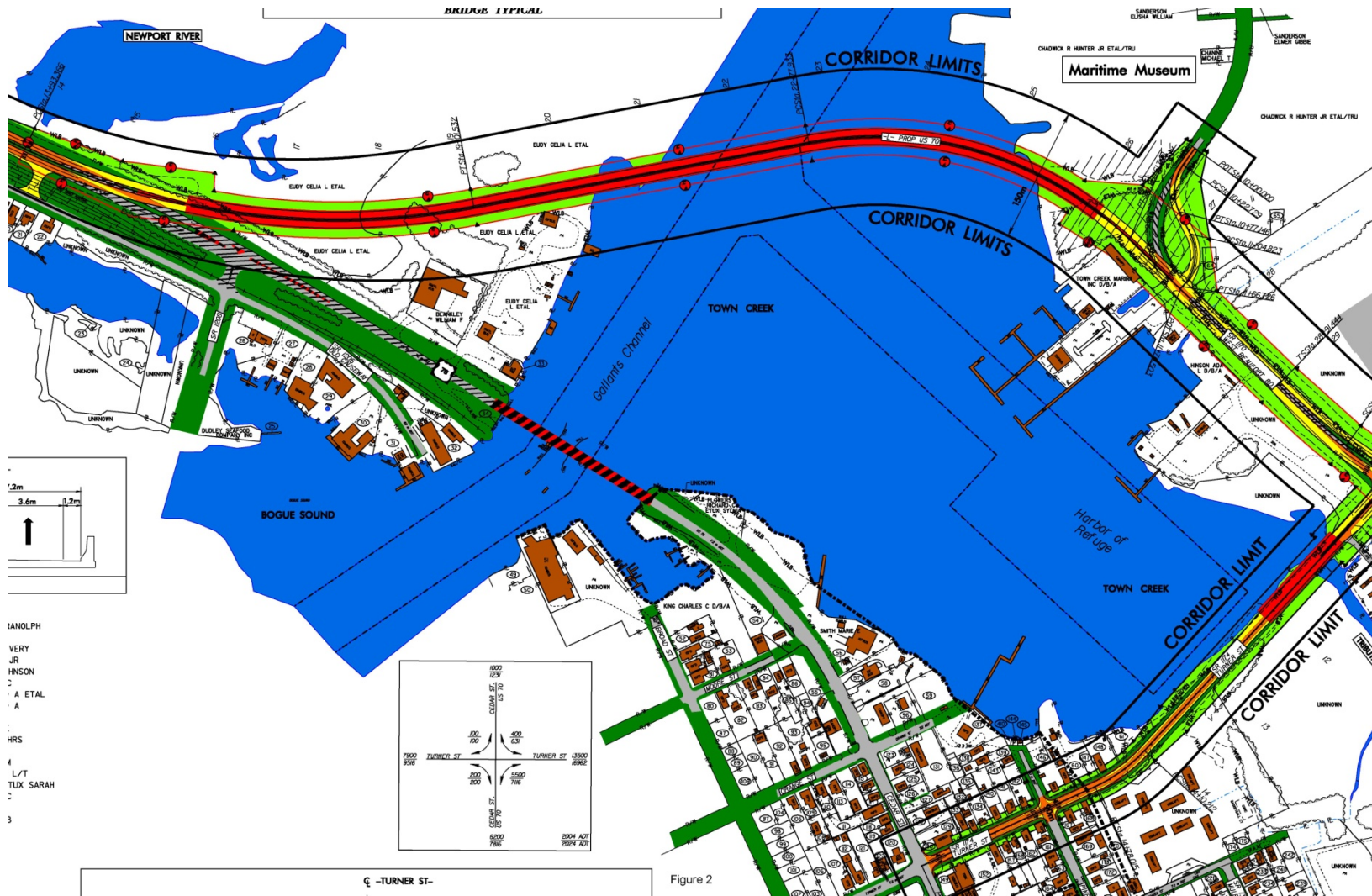


## *Proposed Bridge Over Gallants Channel*



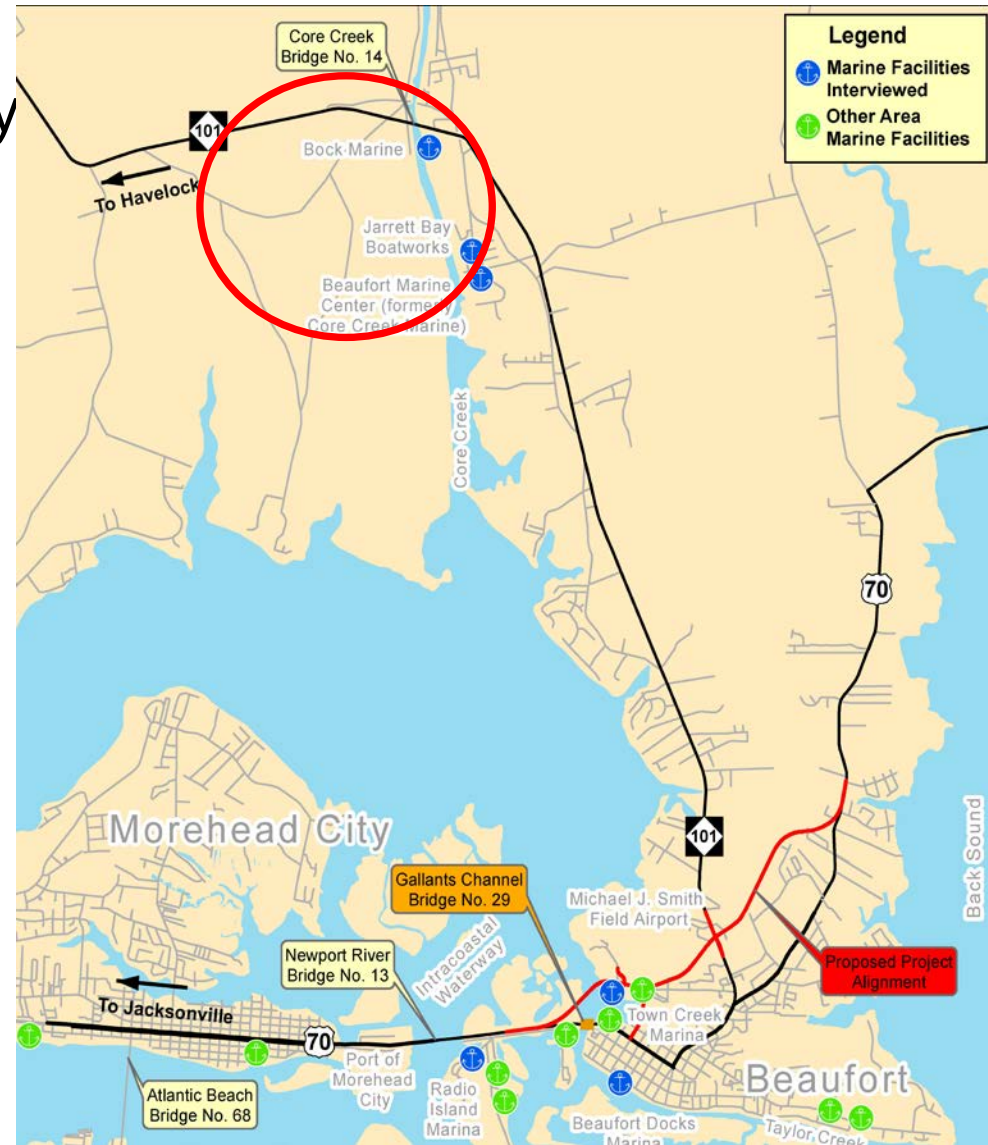


# Proposed versus Existing Bridge Locations



## *Post-Environmental Study*

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





## *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



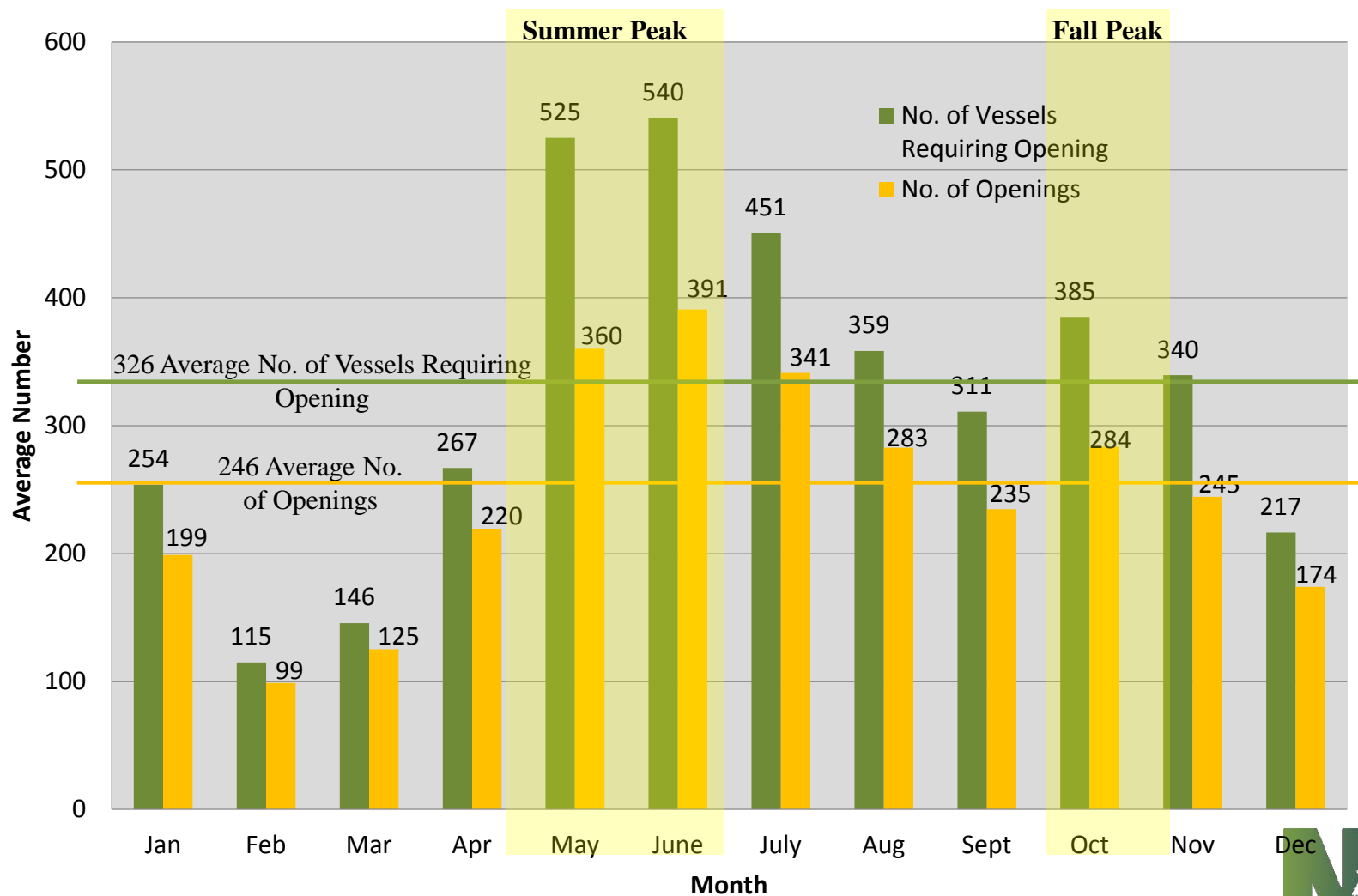


# *Marine Assessment Report*

- 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



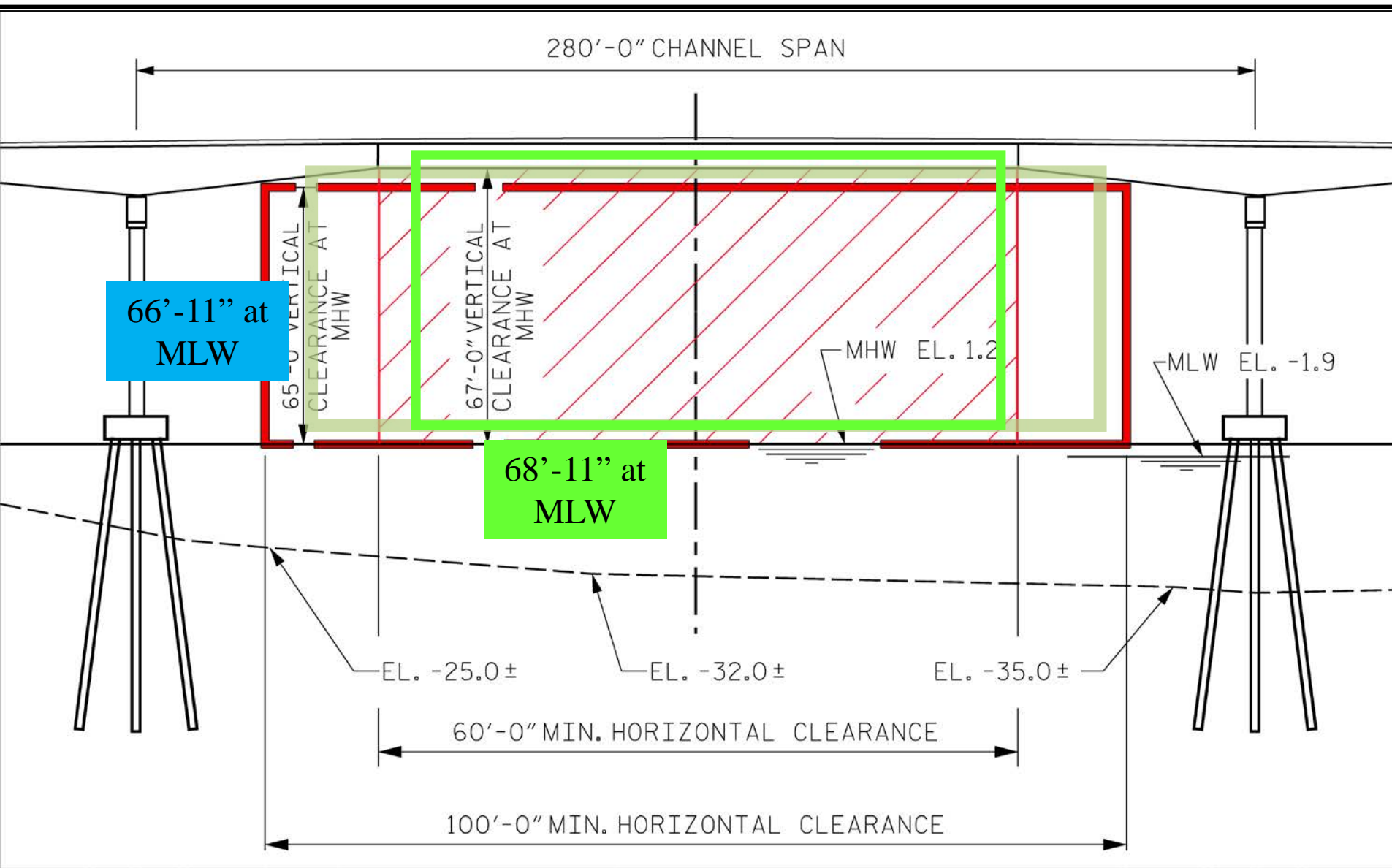
## *Vessel Survey*

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
- NCDOT Estimated Completion: 2019
- Contractor Estimated Completion: Late 2017 (2 years ahead)
- Current Progress Schedule - 42% 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")*



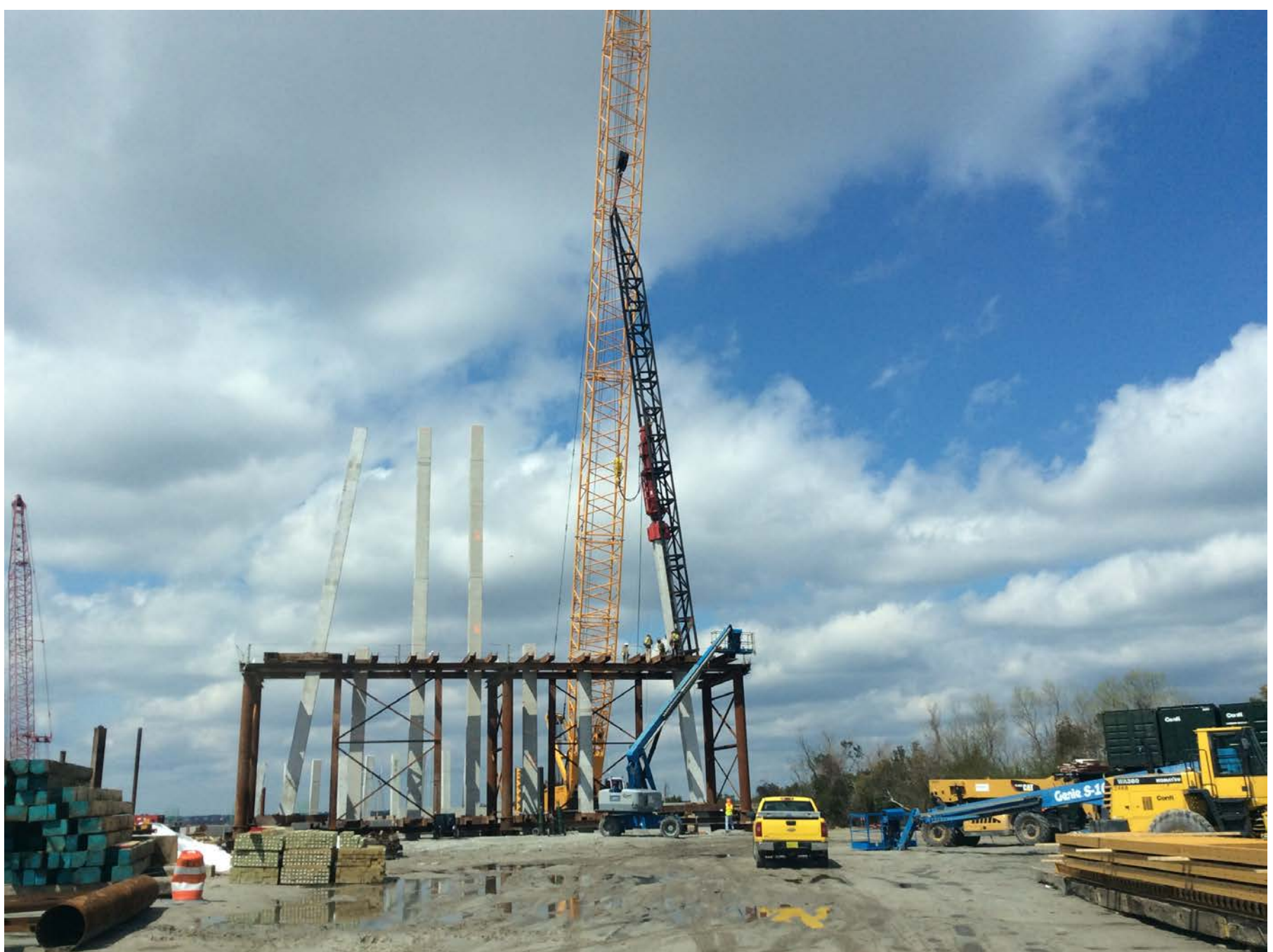
## *Construction Phase*

- 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















































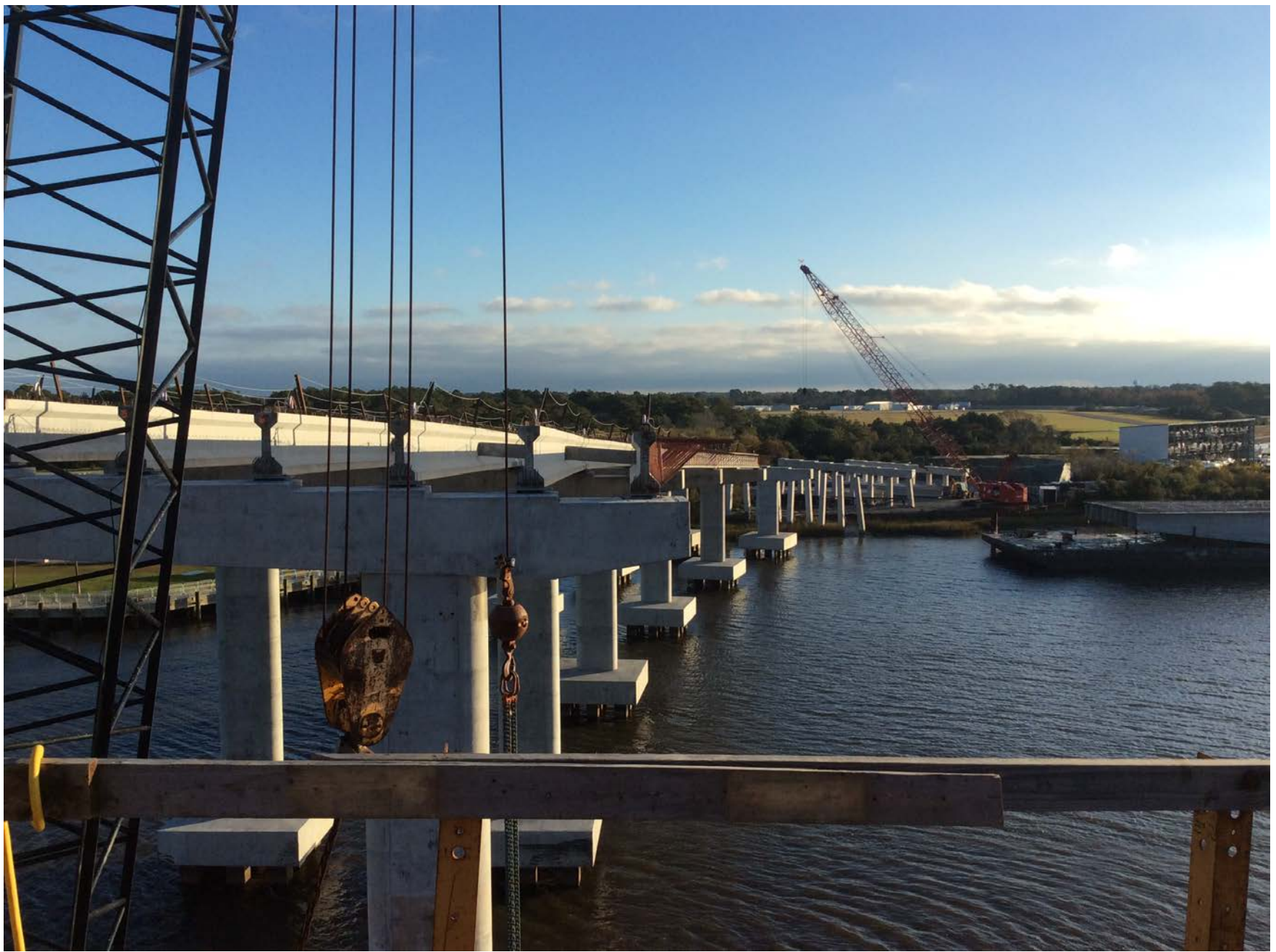












# *Construction*









## *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?





# MULTIMODAL COMMITTEE MEETING MINUTES

**DATE:** 2/3/2016 **TIME:** 10:30am **LOCATION:** EIC

<b>MEETING CALLED BY</b>	Andy Perkins
<b>BOARD ATTENDEES</b>	Andy Perkins, Cheryl McQueary, Jeff Sheehan, Sandra Fountain, Malcolm Fearing, Tracey Dodson, Gus Tulloss, Lou Wetmore

## AGENDA TOPICS

<b>1. JANUARY MINUTES APPROVAL – Andy Perkins</b>	
<b>DISCUSSION SUMMARY</b>	Approval of January Minutes.
<b>ACTIONS TAKEN</b>	Motion to approve was made by Cheryl McQueary and seconded by Malcolm Fearing. Motion was approved.

<b>2. ITEM I-1, I-1A – DEBBIE COLLINS</b>	
<b>DISCUSSION SUMMARY</b>	Approval of Public Transportation funding items.
<b>ACTIONS TAKEN</b>	Motion to approve was made by Malcolm Fearing and seconded by Lou Wetmore. Motion was approved.

<b>3. ITEM I-2 – PAUL WORLEY</b>	
<b>DISCUSSION SUMMARY</b>	Approval of Rail funding items.
<b>ACTIONS TAKEN</b>	Motion to approve was made by Cheryl McQueary and seconded by Sandra Fountain. Motion was approved.

<b>4. ITEM I-4 – BOBBY WALSTON</b>	
<b>DISCUSSION SUMMARY</b>	Approval of Aviation funding items.
<b>ACTIONS TAKEN</b>	Motion to approve was made by Sandra Fountain and seconded by Lou Wetmore. Motion was approved.

# MULTIMODAL COMMITTEE MEETING MINUTES

## 5. TRANSIT UPDATE – KEITH WEATHERLY

<b>DISCUSSION SUMMARY</b>	Recognized recent events and efforts of the modes. Lauren Blackburn will give a presentation on the HB 232 report on Bicycle Safety and Paul Worley will present on the Southeast Corridor.
<b>ACTIONS TAKEN</b>	Informational

## 6. PUBLIC TRANSPORTATION DIVISION – DEBBIE COLLINS

<b>DISCUSSION SUMMARY</b>	Presented the Public Transportation Monthly report. Concern was raised about the involvement of the Department with the Wake County Transit Plan. Debbie will research more and provide an update at a later meeting.
<b>ACTIONS TAKEN</b>	Informational

## 7. FERRY DIVISION – ED GOODWIN

<b>DISCUSSION SUMMARY</b>	Ed presented a monthly update for the Ferry Division. He also showed a video that displayed the effort to build their new dredging vessel. The Committee also asked for a brief summary on the status of the Ferry Fire Suppression system.
<b>ACTIONS TAKEN</b>	Informational

## 8. BIKE & PEDESTRIAN DIVISION – LAUREN BLACKBURN

<b>DISCUSSION SUMMARY</b>	Lauren presented an update on the Bike & Pedestrian Division. She also presented a presentation on the recent House Bill 232 Bicycle Safety Report. Committee members asked questions about enforcement and recommendations of the report.
<b>ACTIONS TAKEN</b>	Informational

# MULTIMODAL COMMITTEE MEETING MINUTES

9. RAIL DIVISION - PAUL WORLEY	
<b>DISCUSSION SUMMARY</b>	Paul Worley presented the monthly Rail Report and Performance Snapshot. He then showed a short video of the Piedmont Improvement Program projects. He then presented on the background and current status of the Southeast Corridor.
<b>ACTIONS TAKEN</b>	Informational

10. AVIATION DIVISION – BOBBY WALSTON	
<b>DISCUSSION SUMMARY</b>	Bobby Walston presented a monthly update on the Division of Aviation that included current issues that they face with UAS. He also informed the committee of a recent opportunity that Board member Cheryl McQueary had to tour the Honda Jet facility in Greensboro.
<b>ACTIONS TAKEN</b>	Informational





# MULTIMODAL COMMITTEE AGENDA

## BOARD OF TRANSPORTATION MARCH 2, 2016

TIME: 10:30am

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order	Andy Perkins	10:30
Approval of Minutes	Andy Perkins	10:30-10:35
Funding Items (PTD, Rail) Bike and Ped*	Transit Directors	10:35-10:40
Transit Update	Keith Weatherly	10:40-10:45
Bike & Pedestrian Update and 2016 Bike & Pedestrian Program Presentation	Lauren Blackburn	10:45-11:00
Ferry Update and Update on Facility Construction Projects Across the Ferry Division	Ed Goodwin	11:00-11:25
Public Transportation Update	Debbie Collins	11:25-11:35
Rail Division Update	Paul Worley	11:35-11:45
Aviation Update	Bobby Walston	11:45-11:55

\*Action on Bike and Ped funding items will be taken immediately following the presentation.









## Update on Facility Construction Projects Across The Ferry Division

*March 2, 2016*

Ed Goodwin  
Ferry Director



# Location Map of Current Projects



- A. Currituck Welcome Center – Currituck County (Division One)
- B. Swan Quarter Operation Center w/ Dormitory – Hyde County (Division One)
- C. Cherry Branch Operations Center & District Two Admin Headquarters – Craven County (Division Two)





## *Currituck Welcome Center*



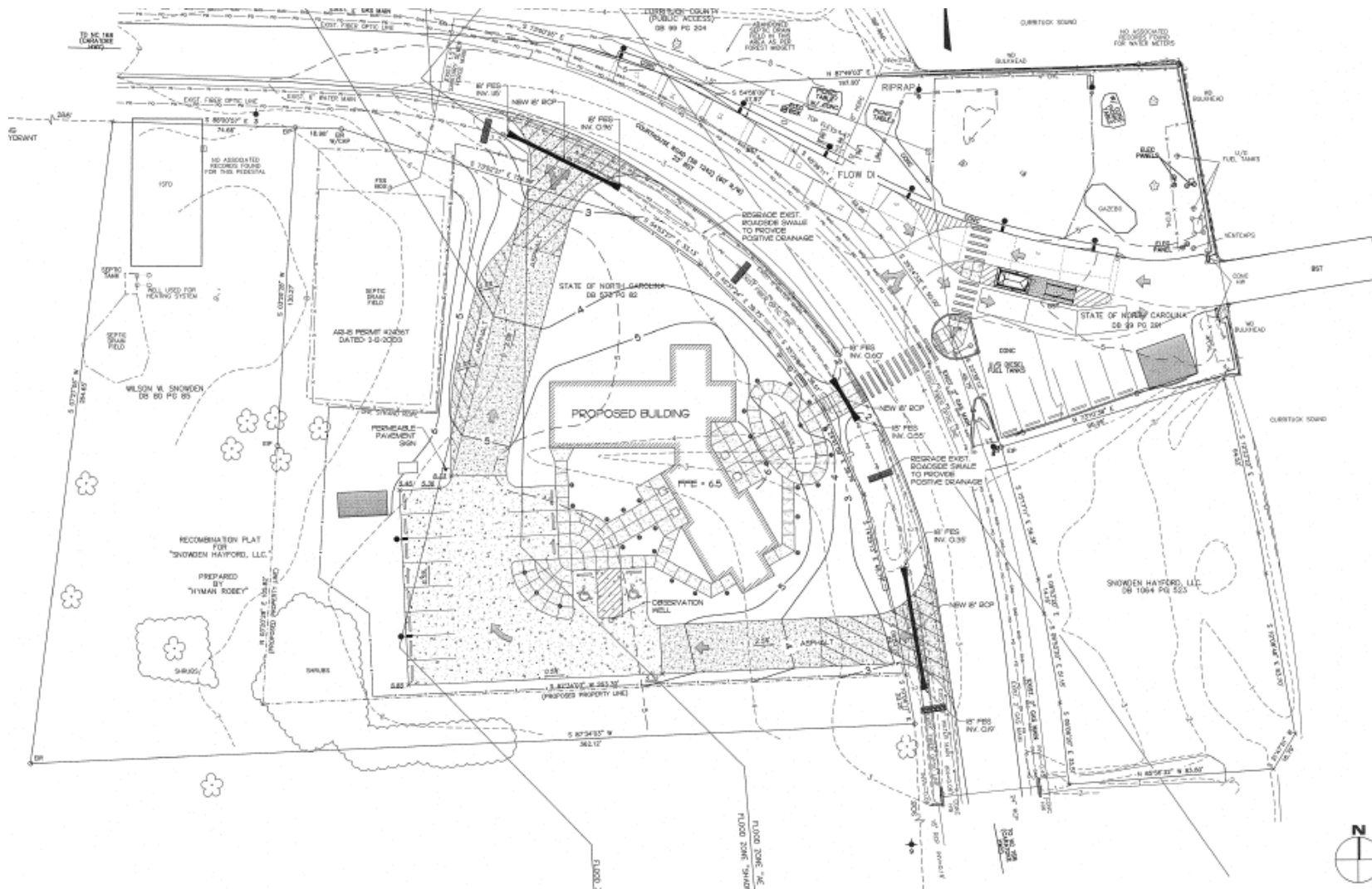


# *Currituck Welcome Center*



Site Prior to Construction

# Currituck Welcome Center



## New Proposed Building Location



# *Currituck Welcome Center*



Rendering of Proposed Building

# *Currituck Welcome Center*



- TIP Project ID: F-5501
- Contract Price: \$1,698,600
- Contractor: A.R. Chesson
- Percent Complete: 60%
- Funding Source: TIP (Federal Funds – Ferry Boat Discretionary Funds)
- Old Operations Building:
  - Built: 1984
  - Square Footage: 627
- New Welcome Center
  - Will be completed in CY2016
  - Square Footage: 3,406



## *Currituck Welcome Center*



Old Building to  
be Removed



# *Swan Quarter Operations Center with Dormitory*



Site Prior to Construction



## *Swan Quarter Operations Center with Dormitory*





# *Swan Quarter Operations Center with Dormitory*

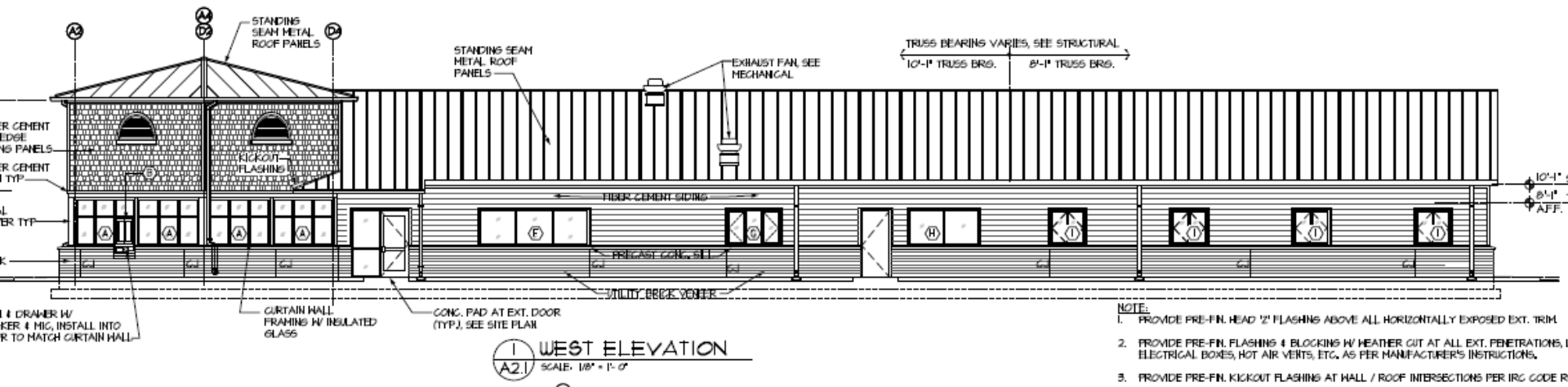


Site Prior to Construction

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### New Proposed Building Location

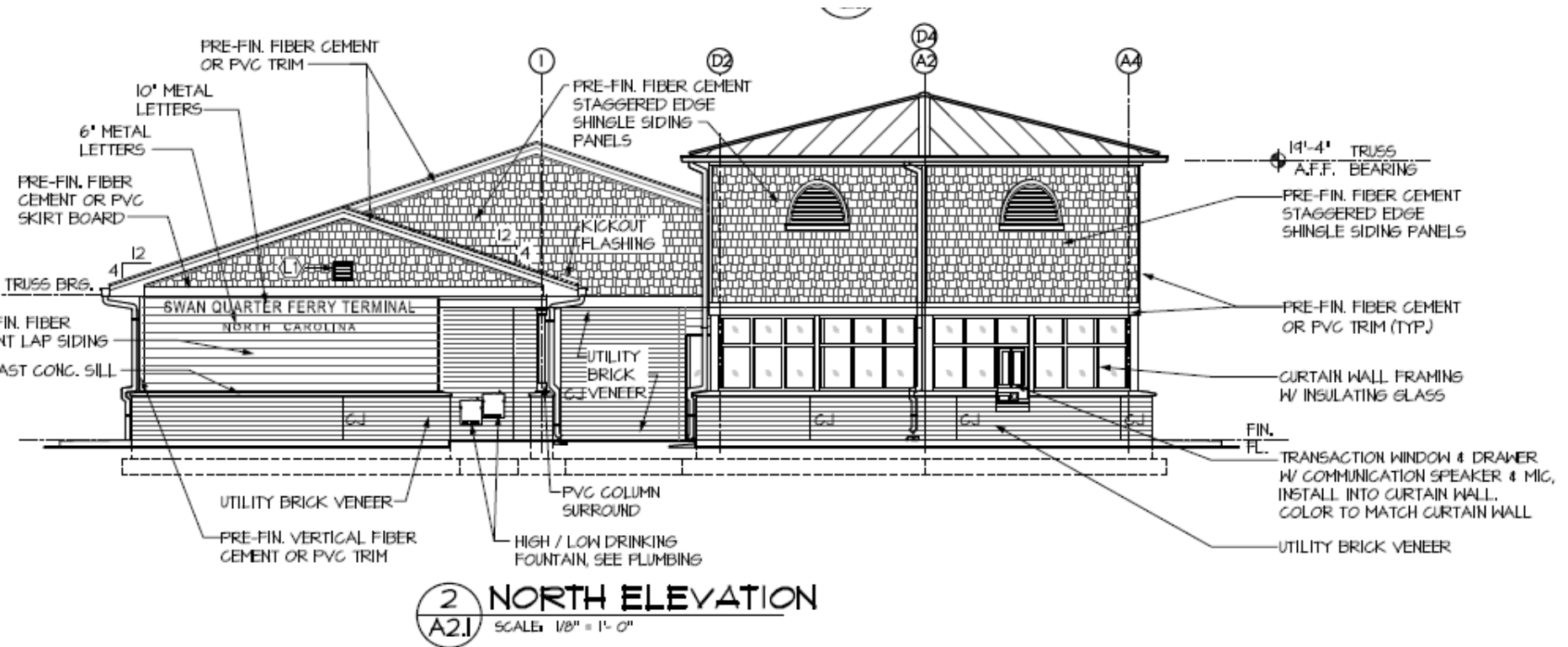
# Swan Quarter Operations Center with Dormitory



Elevation View of West Side



# Swan Quarter Operations Center with Dormitory



Elevation View of North Side

# *Swan Quarter Operations Center with Dormitory*



- TIP Project ID: F-5003
- Contract Price: \$2,770,745.37
- Contractor: Cadet Construction
- Percent Complete: 50%
- Funding Source: TIP (State Funds)
- Old Operations Building:
  - Built: 1974
  - Square Footage: 2,032
- New Operations Building with Dormitory:
  - Will be completed in CY2016\*
  - Square Footage: 8,582
  - Dorm will sleep 8 people per shift. This eliminates the need to rent a nearby house that has historically been utilized to house employees.

# *Swan Quarter Operations Center with Dormitory*



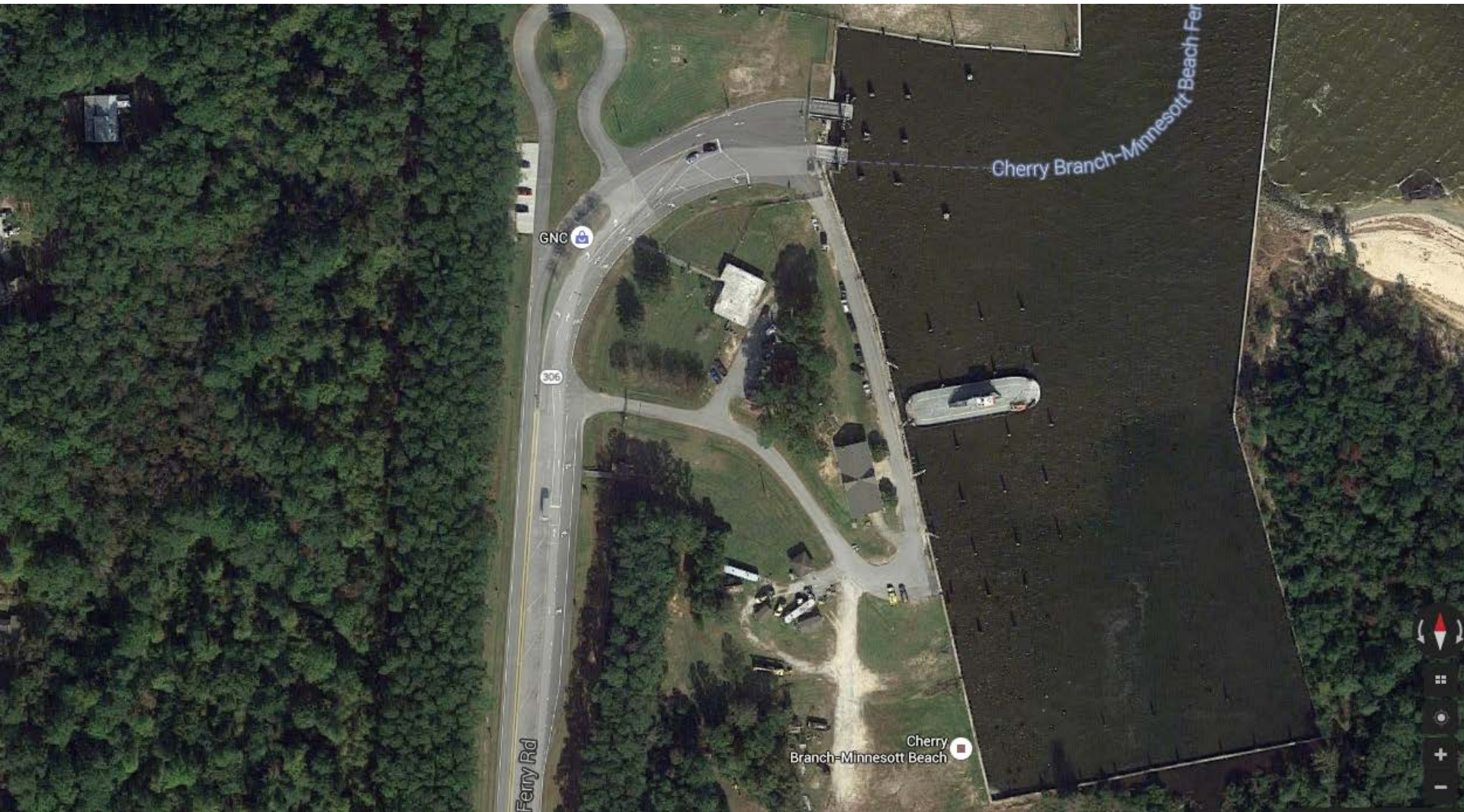


## *Cherry Branch Operations Center & District 2 Admin HQ*





# *Cherry Branch Operations Center & District 2 Admin HQ*



Site Prior to Construction



# *Cherry Branch Operations Center & District 2 Admin HO*



Site Prior to Construction

[illegible]

## New Proposed Building Location

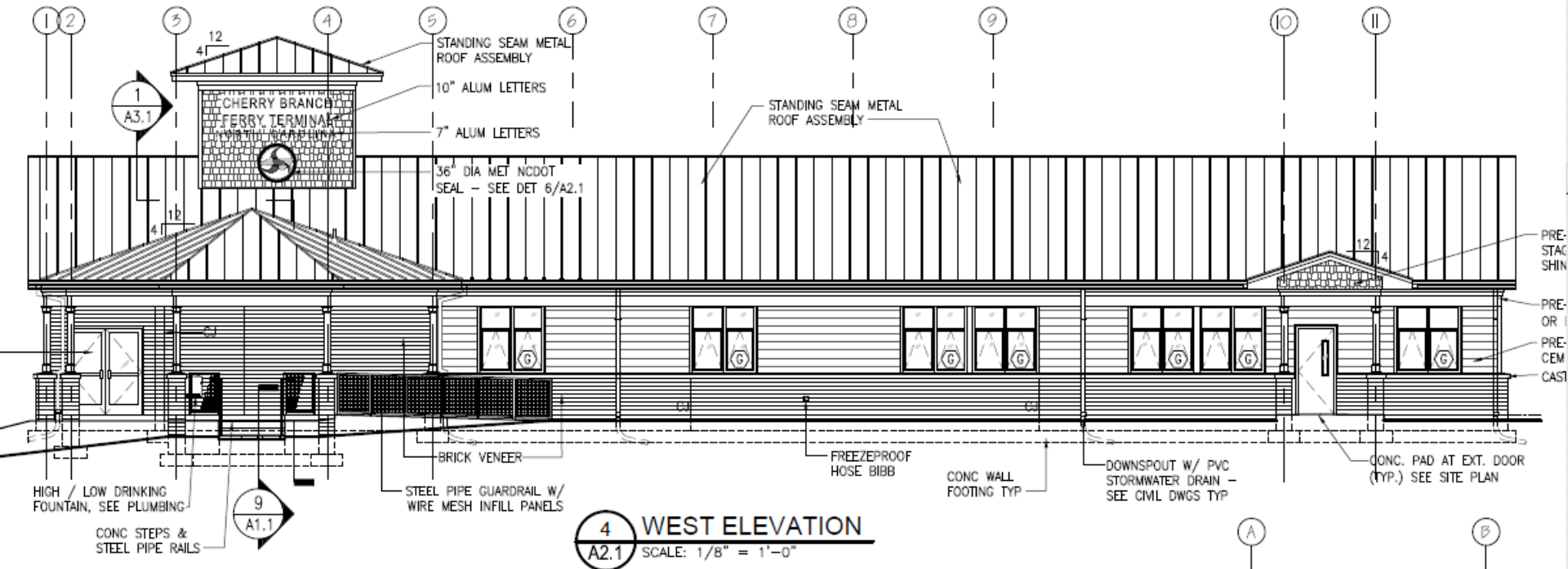
# *Cherry Branch Operations Center & District 2 Admin HQ*



Rendering of Proposed Building

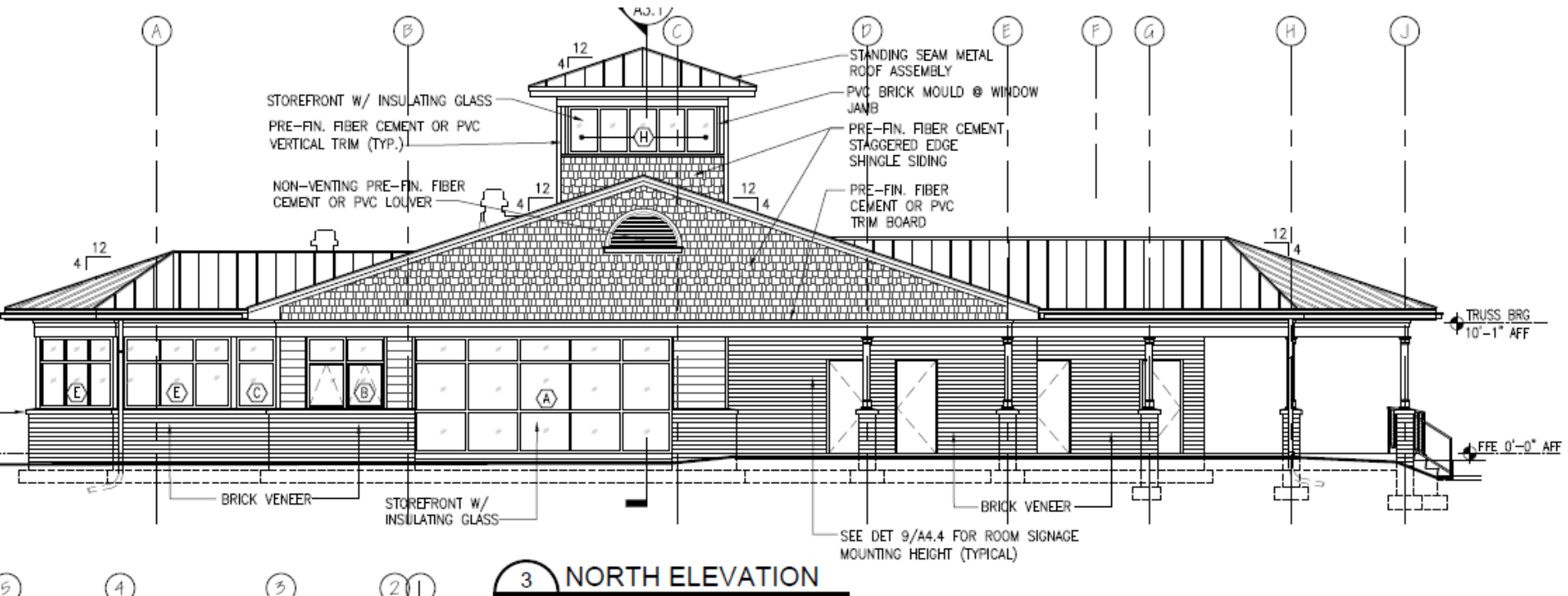


# Cherry Branch Operations Center & District 2 Admin HQ



Elevation View of West Side

# Cherry Branch Operations Center & District 2 Admin HQ



Elevation View of North Side



# *Cherry Branch Operations Center & District 2 Admin HQ*



- TIP Project ID: F-5000
- Contract Price: \$1,900,000
- Contractor: Pro Construction
- Percent Complete: 5%
- Funding Source: TIP (State Funds)
- Old Operations Building:
  - Built: 1971
  - Square Footage: 646
- New Welcome Center
  - Will be completed in CY2016
  - Square Footage: 8,906
  - Once building is complete the District 2 Admin staff which are currently housed in Morehead City at the State Ports Office will be relocated to this facility.

# *Questions?*





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



**Accountability - Responsibility - Respect**

[ncferry.org](http://ncferry.org)

**800-BY-FERRY**

Real time travel info via twitter: @NCDOT\_Ferry



March 2016

## PROGRAMS AND INITIATIVES

**Ed Goodwin—Director**

### Period Comparison

#### Expenditures

January 2015 \$ 2,793,143

January 2016 \$ 2,627,639

Capital Reserves and Shipyard Revenue are not included in Period Comparison.

### Capital Reserve Credits

January 2016 \$ 92,316

Vessel Replacement \$ 5,724,443\*

\*Through FY16 Period 7  
Implemented FY14

### Shipyard Revenue

January 2016 \$ 1,588,718\*\*

Yard Improvements \$ 1,637,427\*

\*Through FY16 Period 7

Account implemented SEP '15

\*\*Includes sale of MV Pamlico

DISTRICT 1, DISTRICT 2 & DISTRICT 3 PERFORMANCE SNAPSHOT						
NCDOT FERRY DIVISION JAN 2016						
Ridership: Vehicles						
	JAN 2016	JAN 15	△	FY16 FYTD	FY15 FYTD	△
DISTRICT 1	7,567	7,108	6%	163,661	167,750	-2%
DISTRICT 2	27,307	27,231	0%	253,567	265,737	-5%
DISTRICT 3	2,574	2,276	13%	34,804	48,916	-41%
<b>TOTAL</b>	<b>37,448</b>	<b>36,615</b>	<b>2%</b>	<b>452,032</b>	<b>482,403</b>	<b>-6%</b>

**District 1: Hatteras Inlet and Currituck – Knotts Island**

**District 2: Bayview – Aurora, Cherry Branch – Minnesott and Southport – Fort Fisher**

**District 3: Swan Quarter – Ocracoke and Ocracoke – Cedar Island\***

**\*Presented in this manner to avoid separating a route between districts.**

RELIABILITY: Departures	Scheduled	Missed	% Complete
JANUARY 2016	4,756	101	97.9%
Calendar Year to Date	4,756	101	97.9%

## **DIVISION ACTIVITIES AND IN-HOUSE PROJECTS**

1. The NC Ferry Division has 3 building replacement projects on-going. The status is as follows:

**Cherry Branch OPS center 5% complete**

**Swan Quarter OPS center 50% complete**

**Currituck OPS center 65% complete**

2. The Dredge “MANTEO” is being assembled at the NC State Shipyard it is currently 80% complete. We anticipate completion in April 1<sup>st</sup>.
3. All routes are operating on the winter schedule.
4. Final Steering Committee meeting on the passenger ferry study to be held FEB 10<sup>th</sup>.

## **FERRY DIVISON TO RECEIVE MERITORIOUS PUBLIC SERVICE AWARD FOR RESCUE OPERATION**

On August 29th 2015 at around 1558, the Command Center at Coast Guard Sector North Carolina was contacted by Ferry Captain Mark A. Piner on Channel 16 VHF regarding their observation of a 21 foot recreational vessel that was capsized in Swan Quarter Bay, near Swan Quarter, NC.

The crew aboard the ferry SILVER LAKE (Mark A. Piner, Gerry Gillikin, David P. Styron, Randy K. Willis, Daniel Smith, and Simon Robinette) promptly launched the ferry's rescue boat to assist the vessel in distress. The US Coast Guard recognizes their heroic efforts and would like to award each crew member with the Meritorious Public Service Award. This award presentation will take place at an upcoming Board of Transportation meeting.



## Public Transportation Division

### Chinese Ministry of Transport Delegation Visits N.C.



On Jan. 26, 2016, 21 Chinese delegates began their visit to North Carolina with NCDOT. At NCDOT, they were greeted by Deputy Secretary for Transit Keith Weatherly and heard presentations from Alena Cook (Transportation Planning Branch), Lauren Blackburn (Bicycle and Pedestrian Transportation Division) and Debbie Collins (Public Transportation Division). Secretary Tennyson joined the delegation to answer questions and pose for a picture.

Presentations and tours were planned at three urban transit systems:

- GoTriangle made a presentation on fixed guideway planning, particularly as it pertains to the Durham Orange Light Rail project;
- GoRaleigh made presentations on transit operations/planning, bicycle planning and gave a tour of the GoRaleigh LEED Platinum Facility; and
- Charlotte Area Transit System made presentations on their organization, MPO and comprehensive transportation planning, CATS transit system corridor plan, and bicycle and pedestrian planning and gave a tour of the South Corridor light rail facility.

The Public Transportation Division is grateful for the participants' time and commitment, making this a wonderful experience for our visitors.







## PTD Activities Underway

### February Training:

- Hosted Chinese Delegation
- FTA Bi-Annual Meeting
- Site Visits offering technical assistance
- Building PTD's Success Plan
- FTA Civil Rights Webinars

### Meetings Attended:

- NCPTA Board Meeting
- NCAMPO Board Meeting
- AASHTO Washington brief presentation
- Presentation to House Select Committee: Transit and Aviation
- Transit Advisory Board meetings
- DHHS Transportation Initiative Hospital providers meeting
- Ferry Study Committee meeting
- I-40 Mitigation

### Upcoming:

- FTA State Programs meeting for Region IV

### Calendar of activities underway:

- The State Management Plan (SMP) is in final review. PTD will hire a part-time temporary employee to create internal and external procedures to support SMP.
- PTD staff is working on subrecipient Success Plans for FY 17.
- Initiating work on scopes for: Transit Operations Planning course; 2CFR200 training; Johnston County Feasibility study; and Plans for McDowell County, Cumberland County, Yadkin Valley, and InterCounty Regional Public Transportation Authority.
- Drug and Alcohol Management Information System (DAMIS) reports are being submitted to FTA by community transportation systems.
- Drug and Alcohol manager and Drug and Alcohol reasonable suspicion training to be held in March.
- Funding Study alternatives/implementation planning – finalized the two plans and working on strategies to present and roll out.
- Training staff on their roles and responsibilities in our new tiered planning process.

### New Directors Peer Meeting coupled with Rural Meeting

PTD staff welcomed new directors in our subrecipient agencies at a meeting on Jan. 20. All PTD staff members introduced themselves. After a presentation on expectations, we listened to learn how we can help them now and what would've made their transition easier.

That afternoon, we also met with rural providers in large urbanized areas (UZAs) to talk about what is on the horizon in meeting their funding needs.

**PIEDMONT & CAROLINIAN PERFORMANCE SNAPSHOT**  
**NCDOT RAIL DIVISION**      **for the Month of DECEMBER 2015**

**Ridership**

	FFY16 DEC	FFY15 DEC	Δ	FFY16 YTD	FFY15 YTD	Δ
<b>Carolinian</b>	24,557	26,978	-9%	76,037	80,138	-5%
<b>Piedmont</b>	13,885	14,855	-7%	43,242	47,322	-9%
<b>Total</b>	38,442	41,833	-8%	119,279	127,460	-6%

**Number of Trains**

**Average Number of Passengers per Train**

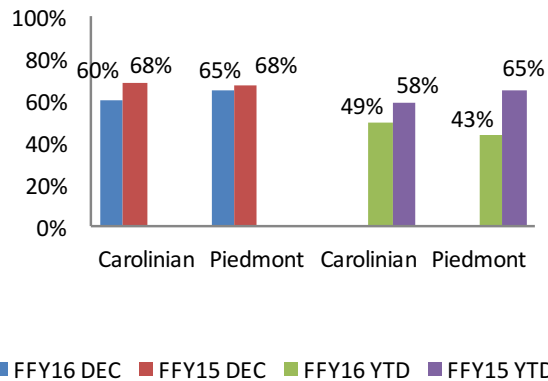
FFY16 DEC	FFY15 DEC	Service	FFY16 DEC	FFY15 DEC	Δ
62	62	Carolinian	396	435	-9%
120	121	Piedmont	116	123	-6%

**Revenue**

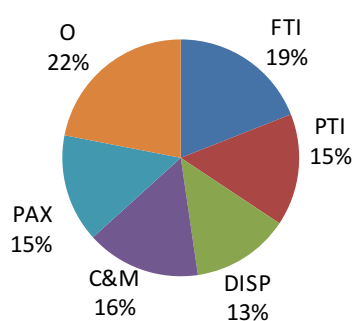
	FFY16 DEC	FFY15 DEC	Δ	FFY16 YTD	FFY15 YTD	Δ
<b>Carolinian</b>	\$1,683,879	\$1,903,412	-12%	\$4,747,726	\$5,066,698	-6%
<b>Piedmont</b>	\$290,824	\$306,414	-5%	\$921,386	\$988,148	-7%
<b>Total</b>	\$1,974,703	\$2,209,826	-11%	\$5,669,112	\$6,054,846	-6%
<b>Amenities</b>	Mo. Surcharge	\$17,893	Mo. Expense	\$1,725	Mo. Surplus	\$16,167

**December 2015 service modifications and annulments impacted four Piedmont trains and one Carolinian train.** On December 7, Trains 73, 74, 75 and 76 were annulled to accommodate PIP project track work for Haw River siding, and Train 80 originated at Durham. In December 2014, four Piedmont trains, but no Carolinian trains, suffered service disruptions: on December 7, Train 73 was cancelled at Cary (mechanical) and Train 74 was cancelled and passengers were bused to their destination; and on December 16, Train 74 was terminated in Greensboro and Train 76 cancelled, with passengers via bus, due to Train 75 vehicle strike at Mebane. Additional disruptions for PIP project work may continue to occur as necessary. Average gasoline prices were \$2.11/gallon in December 2015 vs. \$2.64/gallon in December 2014 (EIA Weekly Retail Gasoline for Lower Atlantic region).

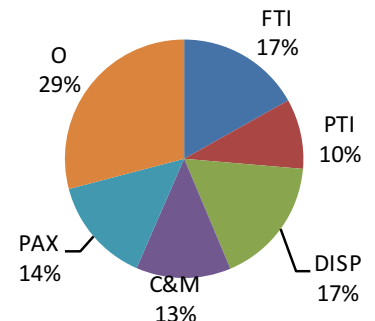
**On-time Performance**



**Carolinian Delays**



**Piedmont Delays**



\*Carolinian and Piedmont delays were 7,514 and 3,552 minutes, respectively. FTI - Freight Train Interference; PTI - Passenger Train Interference; DISP - Dispatch Related; C&M - Construction, Maintenance; PAX - Any Passenger Related; O - All Other Delays (e.g. weather, mechanical). Carolinian trains arriving within 20 minutes and Piedmont trains within 10 minutes of schedule are considered on time.

**Overall Customer Satisfaction**

	FFY16 NOV	FFY15 YEAR-END	Δ
<b>Carolinian</b>	67%	75%	-8%
<b>Piedmont</b>	87%	90%	-3%

\*The customer satisfaction index (eCSI) is calculated from rider survey data conducted on line and is for one month prior to the current report month. Overall satisfaction is defined as average scores greater than or equal to 80. Customer satisfaction goals for FFY 2015 were 79% for the Carolinian and 90% for the Piedmont; and for FFY 2016 are 77% for the Carolinian and 91% for the Piedmont. Overall October eCSI for all Amtrak services was 79%.

**North Carolina City Pairs with Largest Ridership**

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

\*Of the ten city pairs with the highest ridership, from the previous FFY month Charlotte - Washington had the largest increase of 20% and Charlotte - New York the largest decrease of 18% for the Carolinian; Burlington - Charlotte had the largest increase of 9% and Charlotte - Cary the largest decrease of 17% for the Piedmont.

#### Carolinian and Piedmont Total Ons-Offs at North Carolina Stations

	FFY16 DEC	FFY15 DEC	Δ
Charlotte	13,822	14,984	-8%
Raleigh	10,080	10,657	-5%
Greensboro	8,293	9,177	-10%
Durham	6,355	6,911	-8%
Cary	5,116	5,607	-9%
Wilson	2,815	3,142	-10%
High Point	2,608	2,939	-11%
Burlington	1,965	1,989	-1%
Rocky Mount	1,632	1,642	-1%
Kannapolis	1,518	1,755	-14%
Salisbury	1,517	1,831	-17%
Selma-Smithfield	1,014	1,212	-16%

\*The values represent passenger ons and offs at North Carolina stations for only state-supported routes and do not include those of other Amtrak services. The values should not be construed as total ridership.

#### North Carolina Train Host Association

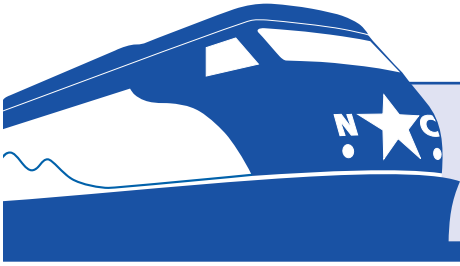
	FFY16 DEC	FFY16 YTD
Train Host Volunteer Hours	1,288	3,536

**Go. Reconnect.**





@NC\_By\_Train  
ncbytrain.org



NCDOT Rail Division

# The Rail Report



March 2016

## NC By Train Launches New “Go. Reconnect.” Ad Campaign



Passenger rail service in North Carolina has a new name and a new look. In January, the N.C. Department of Transportation Rail Division launched a new advertising campaign to promote NC By Train, formerly known as North Carolina’s Amtrak.

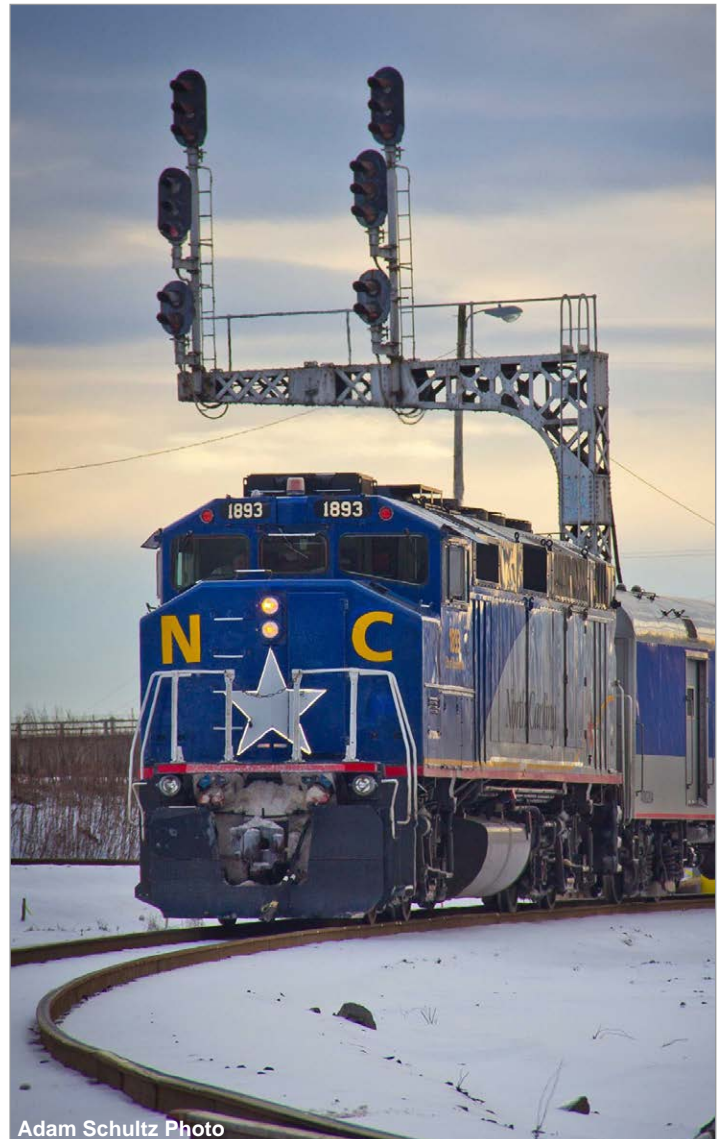
The “Go. Reconnect.” campaign features images of train travelers as

they ride NC By Train to reconnect with family, friends and experiences along the North Carolina rail corridor.

“With our new campaign, we are sharing with potential new riders what so many of our current passengers already know—that our service is a great way to go and reconnect with friends and family along the Piedmont Corridor,” said Rail Division Director Paul Worley.

The new name and logo have a clean, simple and modern look and feel, and tie in to the existing ncbytrain.org URL, as well as 1-800-BY-TRAIN – both already used by the department.

The new “Go. Reconnect.” campaign ads for NC By Train can be seen on a variety of digital, social media, print and other advertising platforms.

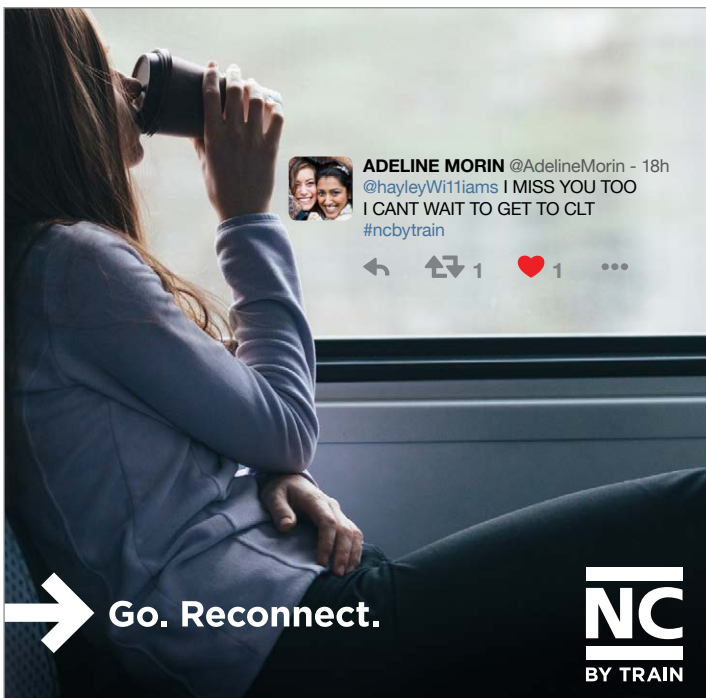


Adam Schultz Photo

## NC By Train Service Continued To Run During Winter Storm Jonas

In late January, snow and ice put a damper on travel for many in North Carolina and the Eastern U.S., but during the storm, NC By Train service continued to run. On Friday, Jan. 23, all trains ran. On Saturday and Sunday, early morning trains were cancelled, but the mid-day and late afternoon trains ran between Charlotte and Raleigh, giving North Carolinians a travel alternative during this winter weather event.

The NCDOT Rail Division is very appreciative of the effort put forth by Amtrak, their employees, NCDOT Station Attendants and Volunteer Train Hosts to keep North Carolina train service performing at an optimal level during Winter Storm Jonas.





## Amtrak Worker Recognized for Saving Freight Train



An Amtrak passenger service representative saved a CSX Transportation (CSXT) freight train from an incident that could have resulted in derailment.

Tim Carroll, a self-proclaimed rail fan, was working at the Fayetteville Amtrak station in December 2015 when he stepped outside to see a northbound CSXT freight train pass by. That's when he noticed sparks flying along with fire and smoke coming from one of the wheels of the train.

Carroll quickly took action and notified the CSXT dispatcher in Florence, South Carolina. CSXT officials stopped the train immediately.

CSXT vice president of passenger operations, Jay S. Westbrook, sent a letter of appreciation to Carroll, thanking him for his dedication. Carroll

also received a letter of appreciation from Amtrak General Manager Thomas Kirk.

Carroll, when asked about the incident, humbly said, "It is nice to be recognized."

Carroll served another memorable roll in December, playing Santa for the Rail Division's annual Santa Train out of Charlotte. Children aboard the Santa Train enjoyed spending time and sharing their wish lists with Santa, Mrs. Claus and their helpers.

Carroll admits his motivation for donning the red suit is simple, "It's worth it to see the kid's smiles and excitement."

The NCDOT Rail Division wants to thank Tim Carroll for helping to make this day special for so many children and parents, and for his dedication and commitment to safety and service for rail passengers traveling in North Carolina.

He is truly a valued member of the of the NCDOT Rail Division family.



### ***Planning for Success Preparing for Change...***

The NCDOT Rail Division and the Triangle Chapter of the Women's Transportation Seminar (WTS) are hosting a regional rail forum to discuss ongoing freight and passenger rail initiatives in the Southeast. The Southeast Rail Forum will be held on March 16-18, 2016, in Charlotte, North Carolina, at the Sheraton Hotel.

Rail agency management and staff, engineers, maintenance and safety professionals, operations staff, equipment designers, board members, legislators, and policymakers, government agency staff, suppliers, consultants and contractors are invited to attend. Speakers and panelists anticipated to participate include, but are not limited to:

NC Secretary of Transportation Nick Tennyson  
NC Representative Bill Brawley, Co-Chair of the VA-NC Interstate High Speed Rail Compact  
Mayor Jennifer Roberts, City of Charlotte  
Mayor Rick Danner, Greer, SC  
Paul Cozza, Executive Director of the NCSA  
Jack Ellenburg, Senior Vice President of the SC Ports Authority  
Paul Worley, NCDOT Rail Division Director

Jennifer Mitchell, Director, VA DRPT

Carol Comer, Director GDOT Intermodal Division

Doug Frate, Director of Freight and Intermodal Programs, SCDOT

Janice Cowan, SC Operation Lifesaver

Margaret Cannell, NC Operation Lifesaver

Kyle Gradinger, Jessie Gatti, and Randy Brown of FRA

Representatives from CSX, NS, and Amtrak, and other industry experts

Other speakers will be announced as the conference draws near.

#### **Forum sessions will be led by top rail experts and will:**

- Highlight the regional economic benefits of passenger and freight services, including a discussion of the Northeast Corridor.
- Introduce attendees to the Federally Led Regional Planning Study and provide an opportunity for participation.
- Identify the role, trends and activities in intermodal freight transportation.
- Explore potential governance structures that could be used to fund and operate passenger services across state lines.
- Provide an opportunity for multi-state networking and information sharing.
- Provide an opportunity to tour Piedmont Improvement Program projects between Charlotte and High Point.

Visit <http://www.ncdot.gov/conferences/srf/> to register for the Forum and for info on accommodations and sponsorship opportunities.



# Railroad Highway Crossing in Moore County Improved with FRRCSI funds



Before



After

Work was recently completed on installation of a new and improved railroad crossing at the intersection of N.C. 5 and Anderson Street in Aberdeen. The old crossing surface, which was in poor condition, was replaced with a more durable concrete crossing.

The Aberdeen, Carolina & Western Railroad (ACWR), NCDOT Division Eight, and NCDOT Rail Division worked together to complete the project in an efficient and timely manner.

ACWR was responsible for the crossing installation and rail safety coordination. Rail Division FR&RCSI funding provided approximately \$196,000 for the tub crossing materials, and NCDOT Division Eight provided signing detours and all road work on the crossing approaches.

For more information on the FR&RCSI program, visit the NCDOT Rail Division projects page at [www.ncbytrain.org/](http://www.ncbytrain.org/)



# Rail Division Helps Fans Cheer on the Carolina Panthers!

During the 2015 football season, the Rail Division helped fans cheer on the Carolina Panthers by moving them safely to and from the games on the Piedmont trains. Passengers from across the state boarded the Piedmont at their closest station, relaxed and enjoyed the train ride to Charlotte. Upon arrival in the Queen City, passengers boarded the daily CATS Route #11 buses to the Bank of America Stadium. The Rail Division also ran a special late train on Jan. 3 to transport fans home following the Panthers' game with Tampa Bay. Many excited fans were happy that the Piedmont train schedules coincided with the NFC playoff game on Jan. 17. The Rail Division also encouraged fans to use the train to travel to the NFC Championship game on Jan. 24. An estimated 4,000 passengers rode the Piedmont trains to the games over the course of the 2015 football season, and the service was even featured on a national sports blog. The Rail Division is looking forward to transporting Carolina Panthers fans to more games for the 2016 season.

# Historic Mecklenburg County Depot Relocated

On Jan. 26, 2016, the historic 1912 Thrift Depot in northwest Charlotte was moved off of CSXT property, across the tracks and Old Mount Holly



Road, onto State-owned property where it can now be preserved. The depot is on the National Register of Historic Places, and was donated to NCDOT by CSXT to be saved from demolition. It is the last P&N depot left standing in Mecklenburg County, and one of only two remaining in North Carolina. Stabilization work is underway, and the Department plans to restore and lease it until it is needed in the future for a transportation use.

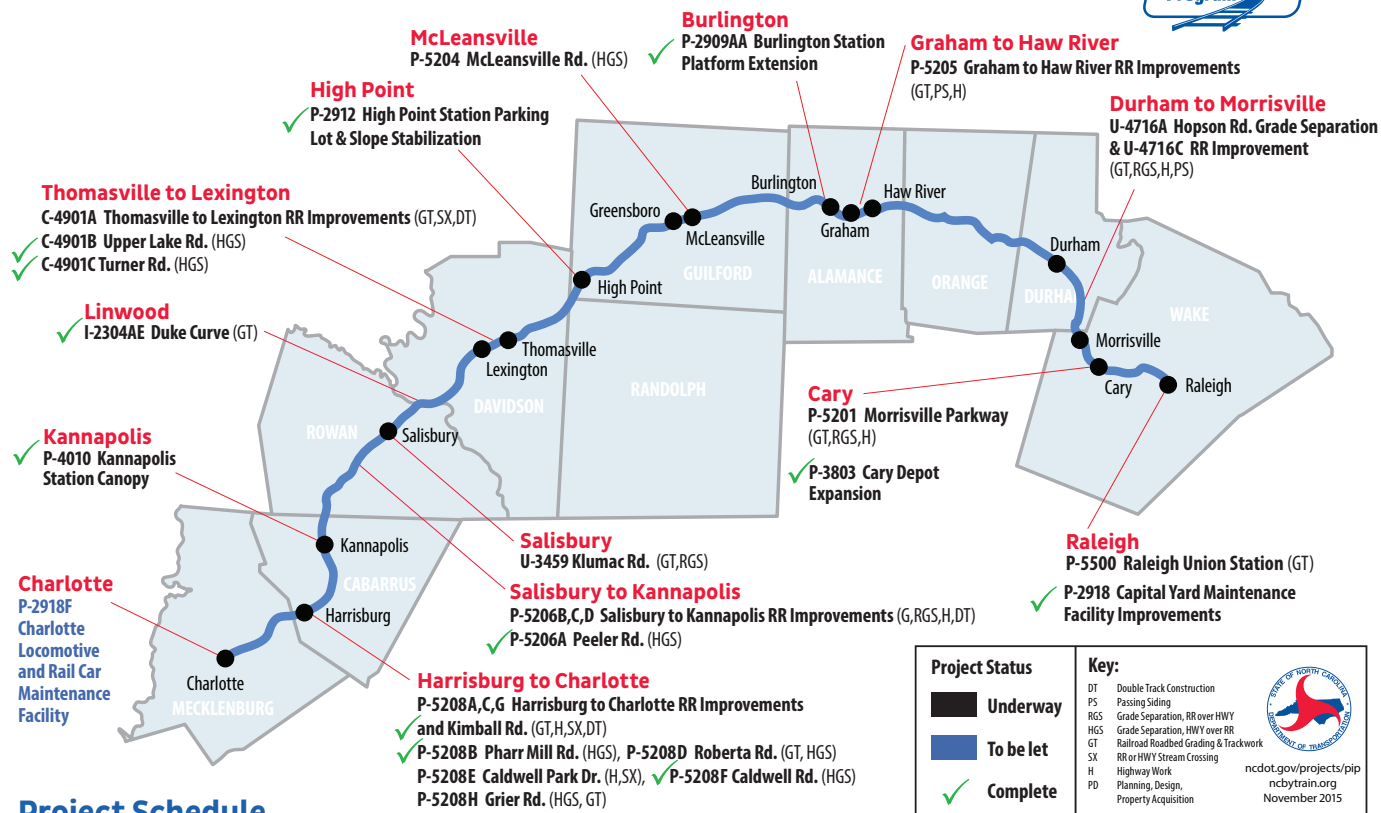
# Ridership & Revenue on NC's Amtrak Service – \*Dec. 2015 vs. 2014

	RIDERSHIP			REVENUE		
	2015	2014	% +/-	2015	2014	% +/-
Piedmont	13,885	14,855	-7%	\$290,824	\$306,414	-5%
Carolinian	24,557	26,978	-9%	\$1,683,879	\$1,903,412	-12%

**1288**  
Hours Volunteered by N.C. Train Hosts in November, supporting North Carolina's Amtrak onboard trains and at events.

**\*December 2015** service modifications and annulments impacted four Piedmont trains and one Carolinian train. On Dec. 7, Trains 73, 74, 75 and 76 were annulled to accommodate PIP project track work for Haw River siding, and Train 80 originated at Durham. In Dec. 2014, four Piedmont trains, but no Carolinian trains, suffered service disruptions: on Dec. 7, Train 73 was cancelled at Cary (mechanical) and Train 74 was cancelled and passengers were bused to their destination; and on Dec. 16, Train 74 was terminated in Greensboro and Train 76 cancelled, with passengers via bus, due to Train 75 vehicle strike at Mebane. Additional disruptions for PIP project work may continue to occur as necessary. Average gasoline prices were \$2.11/gallon in Dec. 2015 vs. \$2.64/gallon in Dec. 2014 (EIA Weekly Retail Gasoline for Lower Atlantic region).

# Piedmont Improvement Program – December 2015 Status Report



## Project Schedule



## Spent to Date of \$520M (eff. 12/31/2015)

Component	Expenditure
PD&A/ROW	\$49,615,485
Equipment Procurement & Rebuild	\$27,710,949
Stations & Facilities	\$44,025,846
Track & Structures	\$247,389,613
CRISP	\$2,180,376
<b>Program Totals</b>	<b>\$370,922,269</b>

Eleven new contracts totaling \$241,530 were awarded in December.

## Commitments to Date of \$520M (eff. 11/30/2015)

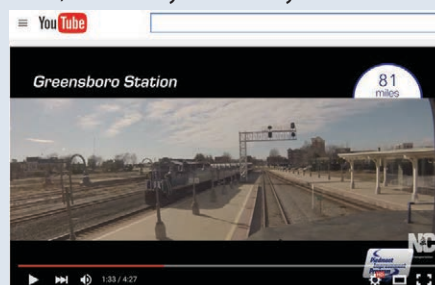
Current Commitments		\$471M
Pending Commitments	Anticipated Date	\$42.7M
Charlotte Maintenance Facility Construction	3/16	\$33M
PIDS Construction	1/16	\$1.5M
PD&A	Through '16	\$8.2M
<b>Balance</b>		<b>\$6.3M</b>

## Raleigh to Charlotte Video through Piedmont Improvement Program Projects now available on YouTube

The N.C. Department of Transportation is halfway through construction of the Piedmont Improvement Program projects, and wants to remind NC By Train passengers that while some of these projects will cause temporary service delays, they will increase efficiency and safety in the future.

A video, taken from the cab of the *Piedmont* locomotive, covers the 173-mile route and provides a firsthand look at the projects being completed along the Raleigh-Charlotte corridor as part of the ARRA-funded Piedmont Improvement Program.

To see the video, enter [ow.ly/Y0kGc](http://ow.ly/Y0kGc) in your web browser.





## Piedmont Improvement Program – Project Photos – Jan. 2016



P-5201 Morrisville Parkway, bridge construction



P-5201 Morrisville Parkway, track construction



U-4716 Nelson to Clegg Passing Siding, track construction



P-5205 Graham to Haw River Passing Siding, new alignment



P-5204 McLeansville Road Bridge Construction



P-5204 McLeansville Road Bridge Construction



## Piedmont Improvement Program – Project Photos – Dec. 2015



C-4901 Bowers to Lake, track construction



P-5206 Reid to North Kannapolis, industrial track construction



P-5206 Reid to North Kannapolis, Kimball Road Bridge construction



P-5208A Haydock to Junker, Coddle Creek Bridge, drilled shaft construction for north interior bent



P-5208 Haydock to Junker, Roberta Road Bridge Construction



P-5208 Haydock to Junker, Grier Road Bridge Construction