



MEETING AGENDA
Monthly Meeting of the North Carolina Board of Transportation
 1 South Wilmington Street Raleigh, North Carolina 27601
August 3-4, 2016
 Updated 8/2/16

WEDNESDAY, August 3, 2016

10:30AM – 12:00PM

Multi-Modal Committee	EIC
Highway Committee	Room 150

12:00PM – 12:15PM

LUNCH IS AVAILABLE/ BREAK

Room 150

12:15PM

Working Lunch – Full Board Attendance

CFO Update	David Tyeryar
Legislative Update	Mary Jernigan
Strategic Transportation Investments/Prioritization Review	Sarah Lee Jamilie Robbins
Traffic Noise Policy Update	Drew Joyner
Product Evaluation Program Awareness	Natalie Roskam
Small and Disadvantaged Business Update	Marci Wright

1:30PM – 1:45PM

BREAK

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

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

3:00PM – 3:30PM

Audit Committee	Room 160
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3:30PM – 4:00PM

Road, Bridge, Ferry Naming Committee	Room 160
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4:00PM – 5:00PM

General Meeting Time	Various Locations
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NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

- Call to Order Chairman Curran
- Invocation Cheryl McQueary
- Ethics Declaration Chairman Curran
- Approval of June 30, 2016 Board Meeting Minutes Chairman Curran
- Secretary's Remarks Secretary Tennyson
- NCDOT State Roadeo Scott Mabry

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

CCX: The Carolina Connector
Division 14 Update

Paul Worley, Director, Rail Division
Jack Debnam, Board Member

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
 - (Item I-4) Aviation
- (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
August 3-4, 2016

Delegated Authority Secretary Tennyson

- (Item C) Award of Highway Construction Contracts from June 21, 2016 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development
- (Item L) Funds for Specific Spot Safety Improvement Projects

Action Chairman Curran

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-2) Rail Program
 - (Item I-3) Bicycle and Pedestrian **(No Item this month)**
 - (Item I-4) Aviation
- (Item J) Specific State Funds for Construction Projects **(No Item this month)**
- (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

July 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.
JULY 19, 2016

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SUMMARY OF BIDS FOR CONTRACT C203749 WITH THE CONTRACT TIME BEING BID BY EACH BIDDER

DAILY COST = \$1,500.00 / DAY

MAXIMUM NUMBER OF DAYS ALLOWED = 430

	CONTRACT TIME (CALENDAR DAYS)	CONTRACT AWARD BASIS	ACTUAL CONTRACT AMOUNT
ESTIMATED	215	2,352,703.69	2,030,203.69
THALLE CONSTRUCTION CO., INC.	220	2,989,145.50	2,659,145.50

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

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 JULY 19, 2016
 DIVISION 00005

C203751
 42263.3.1
 BRNHS-0070(119)
 WAKE
 B-5121, B-5317

PROPOSAL LENGTH 0.820 MILES

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

LOCATION BRIDGE #227 ON US-70/US-401/NC-50 OVER PEACE STREET AND BRIDGE #213 ON US-70/NC-50 OVER US-401.

EST CONST PROGRESS.... FY-2017..37% OF BID
 FY-2018..35% OF BID
 FY-2019..23% OF BID
 FY-2020..05% OF BID

RPN 001 4 BIDDER(S) DBE GOAL 12.00 %
 ESTIMATE 37,193,345.88

DATE AVAILABLE AUG 29 2016

INTER COMPLETION NOV 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT (INCENTIVE/DISINCENTIVE)

FINAL COMPLETION APR 29 2020

	\$ TOTALS	% DIFF
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	36,902,396.26	-0.8
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	40,494,500.00	+8.9
S T WOOTEN CORPORATION WILSON, NC	49,141,157.78	+32.1
W. C. ENGLISH, INCORPORATED LYNCHBURG, VA	53,694,124.41	+44.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00005

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C203567
34915.3.FR1
STP-55(20)
DURHAM
U-3308

PROPOSAL LENGTH 1.134 MILES

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

LOCATION NC-55 (ALSTON AVE) FROM NC-147 (BUCK DEAN FREEWAY) TO NORTH OF US-70BUS/NC-98 (HOLLOWAY ST).

EST CONST PROGRESS.... FY-2017..37% OF BID
FY-2018..35% OF BID
FY-2019..23% OF BID
FY-2020..05% OF BID

RPN 016 2 BIDDER(S) DBE GOAL 12.00 %

ESTIMATE 34,976,862.30

DATE AVAILABLE AUG 29 2016

INTER COMPLETION NOV 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 29 2020

	\$ TOTALS	% DIFF
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	39,756,916.81	+13.7
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	40,523,000.00	+15.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00006

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C203659
33727.3.FS1
BRNHS-0024(24)
CUMBERLAND
B-4490

PROPOSAL LENGTH 0.649 MILES

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

LOCATION BRIDGE #116 OVER CSX RAILROAD AND HILLSBORO ST ON NC-24/210.

EST CONST PROGRESS.... FY-2017..32% OF BID
FY-2018..37% OF BID
FY-2019..25% OF BID
FY-2020..06% OF BID

RPN 003 3 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 20,668,719.50

DATE AVAILABLE NOV 01 2016

INTER COMPLETION NOV 15 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT.

FINAL COMPLETION MAY 13 2020

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	25,232,140.73	+22.1
W. C. ENGLISH, INCORPORATED LYNCHBURG, VA	27,394,979.38	+32.5
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	27,652,779.86	+33.8

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 JULY 19, 2016
 DIVISION 00006

C203895
 45647.3.1, 45660.3.1
 STATE FUNDED
 ROBESON, BLADEN, CUMBERLAND
 B-5693, ETC

PROPOSAL LENGTH 0.680 MILES

TYPE OF WORK EXPRESS DESIGN BUILD.

LOCATION REPLACEMENT OF 1 BRIDGE CUMBERLAND COUNTY, 2 BRIDGES IN BLADEN COUNTY, AND 4 BRIDGES IN ROBESON COUNTY.

EST CONST PROGRESS.... FY-2017..38% OF BID
 FY-2018..35% OF BID
 FY-2019..23% OF BID
 FY-2020..04% OF BID

RPN 017 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
 ESTIMATE 8,394,190.05

DATE AVAILABLE AUG 29 2016

FINAL COMPLETION OCT 15 2019

	\$ TOTALS	% DIFF
* SMITH-ROWE, LLC MOUNT AIRY, NC	5,487,873.50	-34.6
* BID EXECUTED IMPROPERLY		
* APPROPRIATE TITLE NOT SELECTED		
E.S. WAGNER COMPANY, LLC - SOUTH CA PIEDMONT, SC	5,550,215.00	-33.9
SANFORD CONTRACTORS, INC. SANFORD, NC	5,628,500.00	-32.9
S T WOOTEN CORPORATION WILSON, NC	5,762,420.00	-31.4
DANE CONSTRUCTION, INC. MOORESVILLE, NC	7,014,925.00	-16.4

* DENOTES IRREGULAR BID

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00007

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*RELET FROM MAY 17 2016

* C203901
52010.3.1, 53005.3.1
NHPP-0040(6)208, NHPIM-0040(7)208
GUILFORD
I-5734, I-5762

PROPOSAL LENGTH 7.093 MILES

TYPE OF WORK PAVEMENT REHABILITATION.

LOCATION I-40 FROM FORSYTH COUNTY LINE TO 1.1 MILE EAST OF SR-1556 (GALLIMORE DAIRY RD) IN GREENSBORO.

EST CONST PROGRESS.... FY-2017..56% OF BID
FY-2018..40% OF BID
FY-2019..04% OF BID

RPN 004 2 BIDDER(S) DBE GOAL 6.00 %

ESTIMATE 6,218,236.04

DATE AVAILABLE AUG 29 2016

FINAL COMPLETION SEP 01 2018

	\$ TOTALS	% DIFF
PENHALL COMPANY ANAHEIM, CA	7,213,907.55	+16.0
INTERSTATE IMPROVEMENT, INC. FARIBAULT, MN	8,198,485.16	+31.8

MAY 17, 2016 LETTING

52010.3.1, ETC
NHPP-0040(6)208
NHPIM-0040(7)208
GUILFORD
I-5734
I-5762
RPN 008

PAVEMENT REHABILITATION.

DATE AVAILABLE JUN 27 2016
FINAL COMPLETION JUL 01 2018

ENGINEER'S ESTIMATE

\$5,949,262.94

PENHALL COMPANY ANAHEIM, CA
INTERSTATE IMPROVEMENT, INC. FARIBAULT, MN

\$ TOTALS	% DIFF
8,230,315.17	+38.3
8,465,139.39	+42.3

JULY 19, 2016 LETTING

52010.3.1, ETC
NHPP-0040(6)208
NHPIM-0040(7)208
GUILFORD
I-5734
I-5762
RPN 004

PAVEMENT REHABILITATION.

DATE AVAILABLE AUG 29 2016
FINAL COMPLETION SEP 01 2018

ENGINEER'S ESTIMATE

\$6,218,236.04

PENHALL COMPANY ANAHEIM, CA
INTERSTATE IMPROVEMENT, INC. FARIBAULT, MN

\$ TOTALS	% DIFF
7,213,907.55	+16.0
8,198,485.16	+31.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00008

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C203896
2017CPT.08.01.10631, 2017CPT.08.01.20631, 44329.3.1
STATE FUNDED
MOORE
SS-4908AS

PROPOSAL LENGTH 37.788 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 4 SECTIONS OF US-1, 1 SECTION OF NC-690, 2 SECTIONS OF NC-5, AND 12 SECTIONS OF SECONDARY ROADS.

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

RPN 005 2 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 5.00%
ESTIMATE 5,553,878.91

DATE AVAILABLE AUG 29 2016

FINAL COMPLETION JUN 30 2017

	\$ TOTALS	% DIFF
RILEY PAVING INC CARTHAGE, NC	5,348,172.94	-3.7
S T WOOTEN CORPORATION WILSON, NC	5,968,540.38	+7.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00008

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C203893

2017CPT.08.02.10621, 2017CPT.08.02.10761, 2017CPT.08.02.20621, 2017CPT.08.02.20761

STATE FUNDED

MONTGOMERY, RANDOLPH

PROPOSAL LENGTH 44.370 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-24/27, NC-73, US-220 BUSINESS & NC-49, AND 21 SECTIONS OF SECONDARY ROADS.

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

RPN 006 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 4,815,916.65

DATE AVAILABLE AUG 29 2016

FINAL COMPLETION JUN 30 2017

	\$ TOTALS	% DIFF
RILEY PAVING INC CARTHAGE, NC	5,200,428.04	+8.0
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	5,444,662.74	+13.1
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	5,488,490.40	+14.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00008

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C203890
2017CPT.08.03.10771, 2017CPT.08.03.20771
STATE FUNDED
RICHMOND

PROPOSAL LENGTH 17.520 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-38 & NC-381, AND 15 SECTIONS OF SECONDARY ROADS.

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

RPN 007 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 2,429,653.19

DATE AVAILABLE SEP 12 2016

FINAL COMPLETION JUN 30 2017

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	2,517,678.04	+3.6
HUDSON PAVING, INC. ROCKINGHAM, NC	2,721,276.06	+12.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00009

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*RELET FROM MAY 17 2016

* C203899
50080.3.FD1
HSIP-4315(2)
FORSYTH
W-5510

PROPOSAL LENGTH 0.312 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.

LOCATION SR-4315 (SOUTH MAIN STREET) FROM I-40 BUSINESS RAMP TO SR-4278 (SOUTH CHERRY STREET) & SR-2648 (OLD WINSTON ROAD).

EST CONST PROGRESS.... FY-2017..59% OF BID
FY-2018..41% OF BID

RPN 008 3 BIDDER(S) DBE GOAL 14.00 %

ESTIMATE 3,635,724.97

DATE AVAILABLE AUG 29 2016

INTER COMPLETION JUL 01 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT

DEC 01 2017 COMPLETE THE WORK REQUIRED OF PHASE III, STEP #3.

FINAL COMPLETION DEC 28 2018

	\$ TOTALS	% DIFF
YATES CONSTRUCTION CO., INC. STOKESDALE, NC	4,040,542.96	+11.1
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	4,366,909.94	+20.1
BRANCH HIGHWAYS, INC. ROANOKE, VA	4,607,101.00	+26.7

MAY 17, 2016 LETTING

50080.3.FD1
HSIP-4315(2)
FORSYTH
W-5510
RPN 009

GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.

DATE AVAILABLE JUN 27 2016
FINAL COMPLETION OCT 28 2018

ENGINEER'S ESTIMATE

\$3,387,608.15

YATES CONSTRUCTION CO., INC. STOKESDALE, NC
BLYTHE CONSTRUCTON, INC. CHARLOTTE, NC

\$ TOTALS	% DIFF
3,984,210.29	+17.6
4,397,228.00	+29.8

JULY 19, 2016 LETTING

50080.3.FD1
HSIP-4315(2)
FORSYTH
W-5510
RPN 008

GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.

DATE AVAILABLE AUG 29 2016
FINAL COMPLETION DEC 28 2018

ENGINEER'S ESTIMATE

\$3,635,724.97

YATES CONSTRUCTION CO., INC. STOKESDALE, NC
BLYTHE CONSTRUCTON, INC. CHARLOTTE, NC
BRANCH HIGHWAYS, INC. ROANOKE, VA

\$ TOTALS	% DIFF
4,040,542.96	+11.1
4,366,909.94	+20.1
4,607,101.00	+26.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00010

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ITEM C
*RELET FROM APRIL 19 2016

* C203889
42265.3.1
STATE FUNDED
CABARRUS
B-5123

PROPOSAL LENGTH 0.322 MILES

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

LOCATION BRIDGE #14 & #19 OVER ROCKY RIVER AND ACCESS ROAD ON US-29.

EST CONST PROGRESS.... FY-2017..40% OF BID
FY-2018..37% OF BID
FY-2019..22% OF BID
FY-2020..01% OF BID

RPN 009 4 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 7,656,918.54

DATE AVAILABLE SEP 01 2016

INTER COMPLETION AUG 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 28 2020

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	8,166,996.95	+6.7
SMITH-ROWE, LLC MOUNT AIRY, NC	8,542,715.88	+11.6
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	9,393,213.83	+22.7
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	9,462,946.68	+23.6

APRIL 19, 2016 LETTING

42265.3.1
STATE FUNDED
CABARRUS
B-5123
RPN 006

GRADING, DRAINAGE, PAVING & STRUCTURES.

DATE AVAILABLE SEP 01 2016
FINAL COMPLETION JAN 28 2020

ENGINEER'S ESTIMATE

\$7,107,750.89

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	8,143,154.07	+14.6
SMITH-ROWE, LLC MOUNT AIRY, NC	8,989,417.67	+26.5
HRI INC DBA HRI BRIDGE COMPANY STATE COLLEGE, PA	9,088,213.39	+27.9
DANE CONSTRUCTION, INC. MOORESVILLE, NC	9,472,322.11	+33.3
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	9,478,974.47	+33.4
LEE CONSTURCTION COMPANY OF THE CAROLINAS, INC. PINEVILLE, NC	9,659,976.90	+35.9

JULY 19, 2016 LETTING

42265.3.1
STATE FUNDED
CABARRUS
B-5123
RPN 009

GRADING, DRAINAGE, PAVING & STRUCTURES.

DATE AVAILABLE SEP 01 2016
FINAL COMPLETION JAN 28 2020

ENGINEER'S ESTIMATE

\$7,656,918.54

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	8,166,996.95	+6.7
SMITH-ROWE, LLC MOUNT AIRY, NC	8,542,715.88	+11.6
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	9,393,213.83	+22.7
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	9,462,946.68	+23.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00012

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C203874
46426.3.1
NHPIM-0085(025)
GASTON
I-5893

PROPOSAL LENGTH 8.100 MILES
TYPE OF WORK PAVEMENT REHABILITATION.
LOCATION I-85 FROM MM-13.9 TO MM-22.

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

RPN 010 2 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 7,495,748.00

DATE AVAILABLE AUG 29 2016
INTER COMPLETION JUN 01 2017 COMPLETE ALL WORK REQUIRED FROM MM 13.9 TO MM 18, INCLUDING
RAMPS & LOOPS.
FINAL COMPLETION NOV 01 2017

	\$ TOTALS	% DIFF
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	7,928,818.15	+5.8
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	9,071,735.19	+21.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00013

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C203891
2017CPT.13.01.10111, 2017CPT.13.01.20111, 2017CPT.13.01.20112
STATE FUNDED
BUNCOMBE

PROPOSAL LENGTH 86.590 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF US-19, US-70 & NC-251, AND 77 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
FY-2018..36% OF BID

RPN 011 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 7,361,695.04

DATE AVAILABLE MAR 15 2017

INTER COMPLETION JUL 31 2017 COMPLETE ALL WORK REQUIRED FOR MAPS 4 & 38

FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNOXVILLE TN	9,499,514.00	+29.0
ROGERS GROUP INC NASHVILLE, TN	10,682,538.10	+45.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00013

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C203897
2017CPT.13.03.10571, 2017CPT.13.03.20571, 2017CPT.13.03.20572
STATE FUNDED
MADISON

PROPOSAL LENGTH 42.940 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-63, US-25/70 BUSINESS, NC-251, US-25/70 & NC-213, AND 20
SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
FY-2018..36% OF BID

RPN 012 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%
ESTIMATE 3,977,923.00

DATE AVAILABLE MAR 15 2017

INTER COMPLETION JUL 31 2017 COMPLETE ALL WORK REQUIRED ON MAP 4

FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNOXVILLE TN	4,083,339.03	+2.7
ROGERS GROUP INC NASHVILLE, TN	4,884,130.25	+22.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00013

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C203894
2017CPT.13.04.10591, 2017CPT.13.04.20591, 2017CPT.13.04.20592
STATE FUNDED
MCDOWELL

PROPOSAL LENGTH 39.460 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF US-64 & NC-226, 2 SECTIONS OF US-221, AND 21 SECTIONS OF
SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
FY-2018..36% OF BID

RPN 013 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 3.00%
ESTIMATE 3,694,793.43

DATE AVAILABLE MAR 15 2017

FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	3,439,286.82	-6.9
ROGERS GROUP INC NASHVILLE, TN	4,652,717.78	+25.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00013

PAGE : 17 of 18
ITEM C

C203892
2017CPT.13.05.10611, 2017CPT.13.05.20611, 2017CPT.13.05.20612
STATE FUNDED
MITCHELL

PROPOSAL LENGTH 24.250 MILES

TYPE OF WORK MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-226, US-19E & NC-197, AND 20 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
FY-2018..36% OF BID

RPN 014 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 1,782,704.17

DATE AVAILABLE MAR 15 2017

INTER COMPLETION JUL 31 2017 COMPLETE ALL WORK REQUIRED FOR MAPS 1, 4, & 5

FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	1,712,770.99	-3.9
ROGERS GROUP INC NASHVILLE, TN	1,919,743.94	+7.7

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 JULY 19, 2016
 DIVISION 00013

C203898
 2017CPT.13.06.10811, 2017CPT.13.06.20811, 2017CPT.13.06.20812
 STATE FUNDED
 RUTHERFORD

PROPOSAL LENGTH 59.870 MILES
 TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
 LOCATION US-74 A FROM US-221 ALT TO US-74 AND 39 SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
 FY-2018..36% OF BID

RPN 015 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%
 ESTIMATE 6,114,014.86

DATE AVAILABLE MAR 15 2017
 INTER COMPLETION JUL 31 2017 COMPLETE ALL WORK REQUIRED FOR MAP #5
 FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNOXVILLE TN	5,850,446.38	-4.3
ROGERS GROUP INC NASHVILLE, TN	6,463,728.98	+5.7

	ESTIMATE TOTAL	164,000,528.22	
	LETTING TOTAL	174,555,098.40	+6.4

NCDOT August 2016
Board of Transportation Agenda

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

Professional Services Management

Technical Services

Roadway Design

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

DIVISION 9

Project:	34839.1.7 (U-2579AA) Forsyth County Winston-Salem Northern Beltway Eastern section (Future I-74) from US 311 to I-40
Scope of Work:	Prepare Right of Way and Let Plans
Estimated Construction Cost:	\$85,180,000.00
Firm:	Vaughn & Melton Consulting Engineers, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. \$525,000.00 35%
Project:	34839.1.8 (U-2579AB) Forsyth County Winston-Salem Northern Beltway Eastern section (Future I-74) from I-40 to I-40 Business/US 421
Scope of Work:	Prepare Right of Way and Let Plans
Estimated Construction Cost:	\$174,830,000.00
Firm:	HDR Engineering Inc. of the Carolinas, Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	0%

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

DIVISION 6

Project: 34817.1.S5 (U-2519AA) Robeson County
Fayetteville – Outer Loop from I-95 to south of
SR 1118 (Parkton Road)

Scope of Work: Prepare Right of Way and Let Plans

Estimated Construction Cost: \$50,700,000.00

Firm: AECOM Technical Services of North Carolina,
Inc., Raleigh, NC

Maximum Engineering Fee: \$400,000.00

Supplemental Fee: \$750,000.00

Supplemental Work: Prepare additional Right of Way and Let Plans

SPSF Utilization: 0%

Project: 34817.1.S6 (U-2519AB) Cumberland County
Fayetteville – Outer Loop from south of SR
1118 (Parkton Road) to south of SR 1003
(Camden Road)

Scope of Work: Prepare Right of Way and Let Plans

Estimated Construction Cost: \$109,500,000.00

Firm: Moffatt & Nichol, Inc., Raleigh, NC

Maximum Engineering Fee: \$400,000.00

Supplemental Fee: \$750,000.00

Supplemental Work: Prepare additional Right of Way and Let Plans

SPSF Utilization: 0%

Geotechnical Engineering

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

STATEWIDE

Description of Work: 2014 Geotechnical Engineering LSC

Firm: Geosyntec Consultants of NC, PC, Raleigh, NC

Original Engineering Fee: \$1,000,000.00

Supplemental Fee: \$1,000,000.00

DBE/MBE/SPSF Utilization: A1 Consulting Group, Inc. \$100,000.00
10%

DBE/WBE/SPSF Utilization: Falcon Engineering, Inc. \$50,000.00
5%

DBE/WBE/SPSF Utilization: Prism Laboratories, Inc. \$50,000.00
5%

Project Development and Environmental Analysis

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

DIVISION 3

Project:	37764.1.1 (U-4434) New Hanover County Independence Boulevard Extension from Randall Parkway to Martin Luther King, Jr. Parkway in Wilmington
Scope of Work:	EIS/ROD
Estimated Construction Cost:	\$76,600,000.00
Firm:	AECOM Technical Services of NC, Inc., Raleigh, NC
Original Engineering Fee:	\$ 386,000.00
Previous Supplemental Fee:	\$1,400,000.00
Supplemental Fee:	\$ 500,000.00
Supplemental Work:	Additional funding to continue planning, environmental and preliminary engineering services
DBE/MBE Utilization:	Triangle Aerial Surveys, Inc. \$5,000.00 1%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$5,000.00 1%

Transportation Program Management

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

DIVISIONS 10 & 12

Project:	34181.1.7 (I-3311C, I-5405, I-4750AA) Mecklenburg & Iredell Counties I-77 from I-277 in Charlotte to Exit 36 at Mooresville
Scope of Work:	Study for the I-77 HOV to HOT conversion
Firm:	KPMG Corporate Finance, LLC, Dallas, Texas
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$4,190,000.00
Supplemental Fee:	\$ 446,500.00
Supplemental Work:	Commercial and Financial Support (Developing and refining contract administration plan; Support with developing tools to enhance monitoring and administering the contract; Additional stakeholder meetings; Contract administration)
SPSF Utilization:	0%

August 4, 2016

Chief Engineer

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

DIVISION 8

Project:	34450.3.8 (R-2536) Randolph County US 64 (Asheboro Southern Bypass) from US 64 west of Asheboro to Existing US 64 east of Asheboro and Zoo Connector from east of SR 2839 (Staleys Farm Road) to existing NC 159/Zoo Entrance
Scope of Work:	Construction Engineering and Inspection
Estimated Construction Cost:	\$208,500,000.00
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$11,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. \$3,300,000.00 30%

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

DIVISION 7

Project:	34924.3.1 & 34924.3.2 (U-3326A & U-3326B) Rockingham County US 29 Business (Freeway Drive) from SR 2670 (South Scales Street) to NC 14 in Reidsville
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$50,749,004.96
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$ 850,000.00
Supplemental Work:	Additional Construction Engineering and Inspection Services
SPSF Utilization:	0%

DIVISIONS 5, 7-9

Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Stewart Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	100%

STATEWIDE

Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Mott MacDonald I&E, LLC, Fuquay-Varina, NC (Formerly Hatch Mott MacDonald I&E, LLC)
Original Engineering Fee:	\$2,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$6,000,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC \$120,000.00 2%
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group, Inc. \$60,000.00 1%
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. \$120,000.00 2%
SPSF Utilization:	Axiom Environmental, Inc. \$60,000.00 1%
SPSF Utilization:	Ecosystem Planning and Restoration, PLLC \$120,000.00 2%

Field Support

Maintenance Operations and Fleet Management

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

STATEWIDE

Description of Work:	Management of the Outdoor Advertising Program
Firm:	Volkert, Inc., Raleigh, NC
Original Engineering Fee:	\$ 900,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	0%

Transit

Aviation

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for General Aviation Professional Services on an as needed basis for various federal-aid and state funded projects to support the Division of Aviation. These contracts will expire 3 years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	General Aviation LSC
Firm:	AECOM Technical Services North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$500,000.00 10%
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. \$250,000.00 5%
SPSF Utilization:	Geodata Corp. \$250,000.00 5%
Description of Work:	General Aviation LSC
Firm:	Atkins North America, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group, Inc. \$50,000.00 1%
SPSF Utilization:	Economic Development Research Group \$50,000.00 1%
SPSF Utilization:	Geodata Corp. \$50,000.00 1%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$150,000.00 3%
DBE/MBE/SPSF Utilization:	Walls Engineering PLLC \$500,000.00 10%
Description of Work:	General Aviation LSC
Firm:	Avcon, Inc., Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$350,000.00 7%
SPSF Utilization:	Parrish and Partners of NC PLLC \$250,000.00 5%
DBE/MBE/SPSF Utilization:	Walls Engineering PLLC \$250,000.00 5%

Description of Work: General Aviation LSC
Firm: CH2M Hill, Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: MA Engineering Consultants, Inc. \$250,000.00
5%
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC \$250,000.00
5%
DBE/MBE/SPSF Utilization: RDM International, Inc. \$500,000.00
10%
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$500,000.00
10%
SPSF Utilization: Catlin Engineers and Scientists \$250,000.00
5%

Description of Work: General Aviation LSC
Firm: Delta Airport Consultants, Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$500,000.00
10%
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC \$250,000.00
5%

Description of Work: General Aviation LSC
Firm: Mott MacDonald I&E, LLC, Fuquay-Varina, NC
(Formerly Hatch Mott MacDonald I&E, LLC)
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: Cheatham and Associates \$50,000.00
1%
SPSF Utilization: Parrish and Partners of NC, PLLC \$50,000.00
1%

Description of Work: General Aviation LSC
Firm: Kimley-Horn and Associates, Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: Aviation Alliance, Inc. \$500,000.00
10%

Description of Work: General Aviation LSC
Firm: KPR Engineering, PLLC, Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 100%

Description of Work: General Aviation LSC
Firm: Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering, Inc. \$250,000.00
5%
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC \$250,000.00
5%
DBE/MBE/SPSF Utilization: MA Engineering Consultants, Inc. \$250,000.00
5%
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$250,000.00
5%

Description of Work: General Aviation LSC
Firm: Parrish and Partners of NC, Greensboro, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 100%

Description of Work: General Aviation LSC
Firm: RS&H Architects-Engineers-Planners, Inc.,
Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$200,000.00
4%
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC \$300,000.00
6%

Description of Work: General Aviation LSC
Firm: SEPI Engineering & Construction, Inc.,
Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 0%

Description of Work: General Aviation LSC
Firm: Talbert & Bright, Inc., Wilmington, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 100%

Description of Work: General Aviation LSC
Firm: Talbert, Bright & Ellington, Inc., Charlotte, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: AccuTech Surveying & Mapping LLP
\$250,000.00
5%

Description of Work: General Aviation LSC
Firm: WK Dickson & Co., Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$250,000.00
5%

Description of Work:	General Aviation LSC
Firm:	WSP/Parsons Brinckerhoff, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/WBE/SPSF Utilization:	Marr Arnold Planning LLC, \$500,000.00 10%

Description of Work:	General Aviation LSC
Firm:	Three Oaks Engineering, Inc., Durham, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%

Ferry

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 Ferry Division Professional Services on an as needed basis for various federal-aid and state funded projects to support the Ferry Division. These contracts will expire two (2) years (with up to three (3) one-year extensions) 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 Ferry Division Professional Services LSC
Firm:	Moffatt & Nichol, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2016 Ferry Division Professional Services LSC
Firm:	Mott MacDonald I&E, LLC, Fuquay-Varina, NC (Formerly Hatch Mott MacDonald I&E, LLC)
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

NCDOT August 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
Henderson Div. 14	SR 1718 Little Hungry Road	GDB&P. Increase Funds. WBS 14C.045155	\$1,494.53
Polk Div. 14	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 14C.075027	\$18,874.73

August 2016 Item E Summary:

2 Projects to Increase Funds Amount: \$20,369.26

NCDOT August 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 3				
Onslow	51127	0.27 0.26	Sagewood Subdivision Lockwood Court Basil Court	5/12/16
Onslow	51128	0.21	Ole Mille Village Subdivision Tassel Court	5/19/16
Division 4				
Halifax	51129	0.40	Edgewood Subdivision Arbor Drive	4/22/16
Halifax	51130	0.07	Ferncliff Subdivision Viking Drive	4/22/16
Johnston	51131	0.10 0.11	Carriage Creek Subdivision Carriage Creek Drive Hearon Love Court	5/16/16
Johnston	51132	0.72 0.05	The Creeks at Millstone Subdivision Bridgeport Circle Westfield Circle	5/23/16
Johnston	51133	0.06 0.08	Creekview Subdivision Glen Forest Drive Ridgeview Drive	5/24/16
Johnston	51134	0.18	Huckleberry Subdivision Sawyer Court	5/26/16
Wayne	51135	0.77 0.03 0.05 0.08	Cambridge Farms Subdivision Braswell Road, SR 1239 Ext. Eagle Scout Place Tenderfoot Drive Strike Eagle Run	5/13/16
Wilson	51136	0.21	Willow Ridge Subdivision Gentle Breeze Drive	6/23/16
Wilson	51137	0.31 0.19 0.05	Gabriel's Landing Subdivision Gabriel's Way Lacey Lane Gayle Court	6/22/16

August 4, 2016

NCDOT August 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 6				
Cumberland	51138	0.05	Angelia M. Street, SR 1941 Ext.	6/20/16
Cumberland	51139		Camden Woods Subdivision	6/17/16
		0.18	Fallberry Drive	
		0.13	Whisper Oaks Court	
Cumberland	51140		Cypress Lakes Village Subdivision	6/23/16
		0.10	Perfection Lane, SR 4517 Ext.	
		0.10	Debut Avenue, SR 4516	
Cumberland	51141		Estates of Camden Subdivision	6/1/16
		0.04	Kersey Avenue	
		0.34	Stretton Avenue	
		0.19	Kimbolton Drive	
		0.03	Aldbury Drive	
		0.70	Newgate Street	
		0.30	Watford Way	
		0.13	St. Ives Court	
		0.32	Quarry Hollow Drive	
		0.26	Market Hill Drive	
		0.04	Marston Drive	
Cumberland	51142		Longbranch Subdivision	6/13/16
		0.48	Pidgeonfarm Road	
Harnett	51143		Sweetbriar Estates Subdivision	5/24/16
		0.33	Pine Oak Lane	
Harnett	51144		Marvin's Place Subdivision	6/10/16
		0.09	Doris Drive	
Harnett	51145		Carolina Oaks Subdivision	6/28/16
		0.66	Carolina Oaks Circle	
		0.05	William Bethune Court	
		0.05	Nordica Court	
Harnett	51146		Birchfield Subdivision	6/13/16
		0.06	Birchfield Court	
		0.31	River Birch Run	
		0.08	Birch Grove Lane	

NCDOT August 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 7				
Guilford	51147	0.26 0.05 0.06	Kensington Place Subdivision Grove Park Drive, SR 4479 Ext. Union Grove Road N., SR 2020 Ext. Sedwick Way	5/25/16
Division 9				
Forsyth	51148	0.07	Spicewood Trails Subdivision Creekfield Way	6/21/16
Rowan	51149	0.27	Hidden Oaks Subdivision Hidden Oaks Drive	6/6/16
Division 11				
Wilkes	51150	0.50	Moravian Plaza Subdivision Plaza Drive	4/15/85
Division 12				
Gaston	51151	0.32	Home Place Subdivision Candlewick Trail, SR 2883 Ext.	7/1/16
Iredell	51152	0.08	Lake Norman Airpark Airplane Court	2/3/16
Lincoln	51153	0.30	Goodson Place Subdivision Kinks Lane	4/15/16

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 9				
Forsyth	51154	0.77	SR 2042 Graves Street	5/11/16
Division 12				
Cleveland	51155	0.14	Portion of SR 1918 Fielding Road	6/21/16

CORRECTIONS:

Division 12, Lincoln County Petition Number 51091 was listed as W. Haley Court. It should be listed as Haley Court.

Summary: Number of Roads Petitioned for Addition – 53
Number of Roads Petitioned for Abandonment – 2

August 4, 2016

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

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

County	Description	Type	Amount
Div 1 Gates	Installation of traffic caution lights at Central Middle School and Gates County High School on US-158 WBS 44845	Contingency <hr/> TOTAL	\$30,000.00 <hr/> \$30,000.00
Div 2 Lenoir	Construct an access road, approximately 1,440 ft in length and 20 ft wide, for the maintenance building on the Lenoir Community College Campus WBS 48119	Contingency <hr/> TOTAL	\$133,000.00 <hr/> \$133,000.00
Div 2 Pitt	City of Greenville – Install Traffic Signal at the intersection of NC-33 (E 10th St) and Silver Maple Lane WBS 48123	Contingency <hr/> TOTAL	\$128,000.00 <hr/> \$128,000.00
Div 4 Johnston	Provide access from Kellie Dr over to Neuse Charter School WBS 80025	Contingency <hr/> TOTAL	\$413,000.00 <hr/> \$413,000.00
Div 4 Johnston	Provide access from Kellie Dr to Smithfield Selma High School WBS 80026	Contingency Public Access <hr/> TOTAL	\$248,000.00 \$50,000.00 <hr/> \$298,000.00
Div 7 Alamance	Town of Haw River – WBS 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 (Improvements to Main St sidewalk between Stone St and John Robert Watkins bridge) Increase funds	Contingency <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00

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

County	Description	Type	Amount
Div 7 Guilford	Signal installation at the intersection of US-70 (East Wendover Ave) and SR 2828 (Willowlake Rd) WBS 44906	Contingency <hr/> TOTAL	\$130,000.00 <hr/> \$130,000.00
Div 9 Davidson	Town of Denton – Drainage improvements on NC-109 600 ft north of SR 2559 WBS 44775	Contingency <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00
Div 9 Rowan	Town of Spencer – Drainage improvements on 4th St (City street) between US-29 (Salisbury Ave) and Iredell Ace (non-system) WBS 44793	Contingency <hr/> TOTAL	\$390,000.00 <hr/> \$390,000.00
Div 10 Mecklenburg	City of Charlotte – Realignment of John Kirk Rd from NC-49 to Mallard Creek Church Rd WBS 44829	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 11 Ashe	Town of West Jefferson – WBS 33935.2.7 was established (02/14) for pedestrian improvements to include curb & gutter, drainage, sidewalk, paving, and landscape plantings on East Second St from North Jefferson Ave to Fifth Ave Increase funds	Contingency <hr/> TOTAL	\$130,000.00 <hr/> \$130,000.00

Summary:	Number of Projects	11
	Number of Divisions	7
	Small Construction Commitment	\$0.00
	Public Access Commitment	\$50,000.00
	Contingency Commitment	\$2,002,000.00
	Economic Development	\$0.00
	TOTAL	\$2,052,000.00

**NCDOT August 2016 Board of Transportation Agenda
Public Transportation Program**

Town/County Division	5317 Program – Grant Amendment Funding	Estimated Cost	
Macon County 14	15-NF-027 – 17-RS-126 Macon County Macon County will use operating funding for a transit route that will provide service to assisted living housing and other sites at 30 minute intervals in the rural Town of Franklin and surrounding area. The services are designed to improve mobility options disabled persons in the rural mountain region.	\$54,000	Total
		\$27,000	Federal
		\$0	State
		\$27,000	Local

ITEM I-1 SUMMARY - 1 PROJECT - TOTAL STATE/FEDERAL \$ 27,000.

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

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

MODIFICATIONS to the Transit 2016-2025 STIP

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

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

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-5218	GoTriangle	Purchase of Replacement Paratransit Vehicles (3) and Related Equipment	FUZ	5307		226					
			State	S		28					
			Local	L		28					
TA-5219	GoTriangle	Purchase of Replacement Buses (5)	FUZ	5307		1,880					
			State	S		235					
			Local	L		235					
TA-5225	GoTriangle	Purchase of Replacement Bus (1) and Vanpool Vehicles (5)	FBUS	5339		502					
			State	S		63					
			Local	L		63					
TD-5278	GoTriangle	Facility Maintenance and Operations Center Mezzanine Project – Design, Engineering, and Construction	FUZ	5307		72	85	243			
			State	S		9	11	30			
			Local	L		9	11	30			
TD-5273	GoTriangle	Rougemont Park and Ride – Professional Services and Property Acquisition	FUZ	STPDA	116						
			Local	L	133						

Item I-1A, 24 Projects, Total Federal/State funds \$15,530,000

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

Town/County Division	Project Description	Estimated Cost
Division 6, 8 Cumberland County Hoke County	The Rail Division requests Board partial reallocation of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern (NS) Agrium to the crossing signal upgrades on Whitfield Road (SR 1168, Crossing No. 847 213C), Scott Currie Road (SR 1458, Crossing No. 847 337V) and NC 20 (Crossing No. 847 338C) due to vehicle congestion related to switching activities. The Agrium site is no longer being pursued due to changes in economic priorities. Aberdeen & Rockfish will be responsible for the design and construction of the project within their operating right-of-way. The Department will review and approve Aberdeen & Rockfish prepared designs as well as construction. The total estimated cost to the Department is \$95,000.	\$95,000
Division 10 Mecklenburg County	As part of the Piedmont Improvement Program, the Rail Division requests approval to award a contract to the lowest responsive bidder for the Charlotte Locomotive and Railcar Maintenance Facility on West Summit Avenue in Charlotte. The project includes a 663 LF service platform, a 6980 SF building and three separate layover tracks on NCDOT-owned property adjoining Norfolk Southern right of way. The funding source is 100% Federal Railroad Administration ARRA. The total amount of the project is not to exceed \$14.2 million dollars. The project design, bidding, and construction must comply with State Construction Office requirements as per NCGS 143-341(3) Powers and duties of Department [of Administration]; Architecture and Engineering. TIP-2918F	\$14,200,000

ITEM I-2 SUMMARY – 2 PROJECT(S) – (TOTAL FEDERAL AND STATE) \$14,295,000

NCDOT August 2016 Board of Transportation Agenda

Bike & Pedestrian Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the August 4, 2016 Board of Transportation meeting.

ITEM I-3 SUMMARY – NO PROJECTS

NCDOT August 2016 Board of Transportation Agenda

Aviation Program

Division Airport	Project Title Project Description [Partner Connect #]	Estimated Cost	
Division 11 Ashe County Airport	Runway10-28, Taxiway & Apron Overlay and Strengthening (Grant Amendment 36237.21.13.2) Overlay and Strengthen Runway 10-28, Taxiway and Apron. Supplemental funds are required to address actual bid prices. [2565]	\$327,000	(F)

ITEM I-4 SUMMARY – 1 PROJECT - (TOTAL FEDERAL COST) \$327,000

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

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

ADDITIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5226	Charlotte Area Transit System	Replacement Bus – CMAQ Application MU#2012-3	5307	CMAQ		3,864	3,864				
			Local	L		966	966				
TQ-6957	Charlotte Area Transit System	Operating Projects for Enhanced Mobility of Seniors and Individuals with Disabilities	FEPD	5310	560	295	305	314	323	333	343
			Local	L	560	295	305	314	323	333	343
					FY 23	FY 24	FY 25				
		CONTINUED	FEPD	5310	353	364	375				
			Local	L	353	364	375				
TQ-7009	Charlotte Area Transit System	Administrative Oversight for 5310	FEPD	5310	70	33	34	35	36	37	38
					FY 23	FY 24	FY 25				
		CONTINUED	FEPD	5310	39	41	42				
TG-5248	Chapel Hill Transit System	Improvements to the Chapel Hill Transit Campus, system-wide improvements to transit stops, purchase of bus stop amenities , capital procurement administration	FBUS	5339	427						
			Local	L	107						
TA-5193	GoTriangle	Purchase of Replacement Vehicles	FUZ	5307	380						
			Local	L	63						
			FBUS	5339		380					
			Local	L		95					
TA-5195	GoTriangle	Purchase Replacement Vehicle	JARC	5316		380					
			Local	L		95					

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-5144	Durham Area Transit Authority	Purchase of Buses and Paratransit Vehicle	FBUS	5339	926	841					
			Local	L	225	168					
TA-4923	Durham Area Transit Authority	Replacement of Batteries, Bus Refurbishment, Purchase Replacement Paratransit Vehicles and Purchase of Replacement Buses	5307	STPDA	3,626	400	440	484	533	586	645
			Local	L	906	100	110	121	133	147	161

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.

TA-5019A	Durham Area Transit Authority	Purchase of Paratransit Vehicleless, Bus Refurbishment, and Bus Shelters	5307	STPDA	35						
			Local	L	9						
TG-4738	Durham Area Transit Authority	Routine Capital – Bus Stop Shelters, Benches, Shop Equipment, Spare55 Parts, Engines, Service Vehicles, etc.	FUZ	5307	3,777	4,155	4,570	5,027	5,530	6,083	6,691
			Local	L	944	1,039	1,142	1,257	1,382	1,521	1,673
		CONTINUED			FY 23						
			FUZ	5307	7,360						
			Local	L	1,840						

Item I-1B, 5 Projects, Total Federal/State funds \$64,852,000

**NCDOT August 2016 Board of Transportation Agenda
Approval of Specific State Funds for Construction Projects**

THERE ARE NO FUNDING REQUESTS FOR THIS MONTH'S AGENDA

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 U-5921 DIVISION	WBS 44683.1.1 SR 1713 (Laurie Ellis Road) from NC 11 to SR 1149 (Mill Street). Initial funds are requested for preliminary engineering.	\$100,000.00
Johnston Co. Div. 4 R-3825B DIVISION	WBS 34552.2.4 NC 42 from east of SR 1902 (Glen Laurel Road) to SR 1003 (Buffaloe Road). Initial funds are requested for full right of way.	\$3,100,000.00
Johnston Co. Div. 4 R-5769 DIVISION	WBS 46448.2.1 SR 1913 (Gordon Road) from US 70 Business to proposed NOVO Nordisk facility. Various roadway improvements including new access road. Initial funds are requested for full right of way.	\$50,000.00
Hoke Co. Div. 8 B-5755 DIVISION	WBS 45711.2.2 Replace Bridge #57 over Puppy Creek on SR 1406 (Rockfish Road). Initial funds are needed for utilities.	\$5,000.00
Hoke Co. Div. 8 B-5755 DIVISION	WBS 45711.2.1 Replace Bridge #57 over Puppy Creek on SR 1406 (Rockfish Road). Initial funds are requested for full right of way.	\$20,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Randolph Co. Div. 8 U-5758 REGIONAL	WBS 50172.2.1 US 220 Business (Fayetteville Street) at the intersection of US 220 Business and Presnell Street in Asheboro. Initial funds are requested for full right of way.	\$450,000.00
Randolph Co. Div. 8 U-5758 REGIONAL	WBS 50172.2.2 US 220 Business (Fayetteville Street) at the intersection of US 220 Business and Presnell Street in Asheboro. Initial funds are needed for utilities.	\$75,000.00
Forsyth Co. Div. 9 U-5551 DIVISION	WBS 46310.3.1 New route east of SR 1101 (Harper Road) to SR 1103 (Lewisville-Clemmons Road) in Clemmons. Initial funds are requested for construction. This is an Economic Development project.	\$1,900,000.00
Alleghany Co. Div. 11 R-4060 DIVISION	WBS 34605.3.2 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. Initial funds are requested for construction.	\$6,400,000.00
Catawba Co. Div. 12 R-5113 DIVISION	WBS 42364.1.1 SR 1005 (Startown Road) from US 70 to NC 10. Initial funds are requested for preliminary engineering.	\$500,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 U-4739 DIVISION	WBS 39741.1.2 SR 3556 (Amboy Road-Meadow Road) from I-240 to US 25 (Biltmore Avenue). Initial funds are requested for preliminary engineering.	\$600,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	11 PROJECTS	\$13,200,000.00

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

L-1

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Jacksonville/ Onslow Co. Div. 3 SS-4903BE	WBS 43862.3.1 NC 53 (Western Boulevard) and SR 1308 (Gum Branch Road). \$316,000.00 in construction funds has previously been approved for turn lane construction and pavement markings installation. Project to be constructed under U-5319. Delete project, reduce funds, and close WBS. File 03-12-22566-1	-\$315,947.16
Union Co. Div. 10 SS-4910CG	WBS 44762.3.1 SR 1367 (Unionville Indian Trail Road) and SR 1504 (Ridge Road) near Unionville. \$9,900.00 in construction funds has previously been approved for all-way stop installation. Additional funds are needed due to an increase in construction costs. File 10-16-214-1	\$31,100.00
McAdenville/ Gaston Co. Div. 12 SS-4912BX	WBS 44864.3.1 SR 2209 (Wesleyan Drive) from approx. 400 feet south of NC 7 (Main Street)/SR 2000 (Hickory Grove Road) to NC 7 (Main Street)/SR 2000 (Hickory Grove Road). Initial construction funds are needed for pedestrian safety improvements. File 12-16-204	\$20,000.00
Mooreville/ Iredell Co. Div. 12 SS-4912AR	WBS 43709.3.1 US 21/SR 1109 at the I-77 NB ramps and US 21 at Gateway Boulevard/Medical Park Road. \$8,000.00 in construction funds has previously been approved for traffic signal revisions. Project was constructed with other funds. Delete project, reduce funds, and close WBS. File 12-12-211-1	-\$7,273.10
ITEM L SUMMARY	4 PROJECTS	-\$272,120.26

August 04, 2016

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

Division 1

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Camden Co. W-5601HW DIVISION	50138.1.232, HSIP-1224(007) SR 1224 (Old Swamp Road) between approximately 550 feet south of SR 1225 (Lilly Road) and approximately 1200 feet north of SR 1225 (Lilly Road). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

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

Division 2

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. W-5601CJ REGIONAL	50138.3.89, HSIP-0043(025) NC 43 between just north of SR 1792 (Bess Farm Road) and approximately 0.1 mile south of SR 1793 (Ivan Harris Road); and NC 43 at SR 2241 (Ivey Road). Funds are needed for construction for safety improvements.	\$625,000.00 Cost \$562,500.00 Fed. \$62,500.00 State
Pitt Co. W-5601HU REGIONAL	50138.1.230, HSIP-0013(051) US 13 (Memorial Drive) at Moye Boulevard. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

Project Mitigation

Carteret Co. B-4722WM REGIONAL	38496.4.1, BRNHS-0070(084) Replace Bridge #33 over North River on US 70. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$81,881.00 Cost \$65,505.00 Fed. \$16,376.00 State
Greene Co. B-4755WM DIVISION	38527.4.1, BRZ-1215(002) Replace Bridge #65 over Apple Tree Swamp on SR 1215. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$1,514.00 Cost \$1,211.00 Fed. \$303.00 State

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

Division 2 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Lenior B-4565WM REGIONAL	33773.4.1, BRSTP-070B(005) Replace Bridges #42 and #43 over the Neuse River Overflow on US 70 Business and Bridges #26 and #28 on US 258 Business (South Queen Street). Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$140,069.00 Cost \$112,055.00 Fed. \$28,014.00 State
Pitt Co. B-5111WM DIVISION	42249.4.1, BRZ-1588(002) Replace Bridge #111 over Briery Swamp on SR 1588. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$4,703.00 Cost \$3,762.00 Fed. \$941.00 State

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

Division 3

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
New Hanover Co. I-5760 STATEWIDE	52038.3.1, NHPP-0040(017) I-40 from 2 miles east of SR 1509 (Stag Park Road) to US 421. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016.	\$5,500,000.00 Cost \$4,400,000.00 Fed. \$1,100,000.00 State

Bridge

Brunswick Co. B-4440 DIVISION	38367.3.FD1, BRZ-1349(001) Replace Bridge #163 over Mulberry Branch on SR 1349. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016.	\$1,200,000.00 Cost \$960,000.00 Fed. \$240,000.00 State
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Safety

New Hanover Co. W-5203AA STATEWIDE	45333.3.27, HSIP-0117(029) US 117 / NC 132 (South College Road) from 0.5 miles south of Wilshire Boulevard to US 17 Business (Market Street) in Wilmington. (Combined with W-5601BB: US 117 / NC 132 (South College Road) at SR 1272 (New Center Drive) intersection). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016.	\$1,150,000.00 Cost \$1,035,000.00 Fed. \$115,000.00 State
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Project Mitigation

New Hanover Co. B-4591WM DIVISION	38421.4.FD1, BRZ-1002(023) Replace Bridge #4 over Island Creek on SR 1002. \$20,260.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$72,625.00 Cost \$58,100.00 Fed. \$14,525.00 State
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August 4, 2016

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

Division 4

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Nash Co. I-5841 STATEWIDE	53047.1.1, NHPIM-0095(037) I-95 from SR 1745 (Bend of the River Road) to one mile north of NC 58. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 State

Enhancement

Johnston Co. ER-5600DA STATEWIDE	46305.1.19, STP-0095(039) Exit 97 Interchange at I-95 and US 70. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 State
Johnston Co. ER-5600DA STATEWIDE	46305.3.19, STP-0095(039) Exit 97 Interchange at I-95 and US 70. Funds are needed for construction to replace plantings throughout the interchange.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State

Safety

Edgecombe Co. W-5601HA REGIONAL	50138.3.210, HSIP-0097(040) NC 97 (Raleigh Boulevard) at NC 97 (Arlington Street). Funds are needed for construction for safety improvements.	\$6,450.00 Cost \$5,805.00 Fed. \$645.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Edgecombe Co. W-5601HF DIVISION	50138.3.215, HSIP-1005(041) SR 1005 (East Raleigh Boulevard) at Hill Street. Funds are needed for construction for safety improvements.	\$6,050.00 Cost \$5,445.00 Fed. \$605.00 State
Edgecombe Co. W-5601HG DIVISION	50138.3.216, HSIP-1005(042) SR 1005 (East Raleigh Boulevard) at Marigold Street. Funds are needed for construction for safety improvements.	\$5,425.00 Cost \$4,883.00 Fed. \$542.00 State
Edgecombe Co. W-5601HH REGIONAL	50138.3.217, HSIP-0043(027) NC 43 Business (North Fairview Road) at Rosewood Avenue. Funds are needed for construction for safety improvements.	\$7,000.00 Cost \$6,300.00 Fed. \$700.00 State
Nash Co. W-5601HB DIVISION	50138.3.211, HSIP-0097(041) NC 97 (West Raleigh Boulevard) at SR 1714 (Nashville Road). Funds are needed for construction for safety improvements.	\$7,930.00 Cost \$7,137.00 Fed. \$793.00 State

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

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Nash Co. W-5601HC STATEWIDE	50138.3.212, HSIP-0301(038) US 301 (South Wesleyan Boulevard) southbound exit ramp at NC 97 (West Raleigh Boulevard). Funds are needed for construction for safety improvements.	\$4,380.00 Cost \$3,942.00 Fed. \$438.00 State
Nash Co. W-5601HD STATEWIDE	50138.3.213, HSIP-0301(039) US 301 (South Wesleyan Boulevard) at SR 1729 (Cooley Road). Construction funds are needed for safety improvements.	\$4,425.00 Cost \$3,983.00 Fed. \$442.00 State
Nash Co. W-5601HE STATEWIDE	50138.3.214, HSIP-0301(040) US 301 (North Wesleyan Boulevard) at SR 1541 (Jeffreys Road). Funds are needed for construction for safety improvements.	\$4,225.00 Cost \$3,803.00 Fed. \$422.00 State

Project Mitigation

Nash Co. B-4939WM DIVISION	40170.4.1, BRZ-1433(004) Replace Bridge #156 over Basket Creek on SR 1433. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$29,893.00 Cost \$23,914.00 Fed. \$5,979.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wilson Co. B-4679WM DIVISION	33833.4.FD1, BRSTP-1164(004) Replace Bridges #65 and #66 (Combined with B-5126) over Swamps of Contentnea Creek at Wiggins Mill Reservoir on SR 1163 (Downing Road). \$7,548.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$27,056.00 Cost \$21,645.00 Fed. \$5,411.00 State

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

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Morrisville/ Wake Co. C-5168 EXEMPT	46233.3.1, CMS-0517(006) Crabtree Creek Greenway. Funds are needed for construction for Crabtree Creek Greenway including replacement of train trestle.	\$2,954,360.00 Cost \$2,363,488.00 Fed. \$590,872.00 Local

Urban

Wake Co. U-5118AD STATEWIDE	42379.3.F28, STPDA-0501(033) SR 1010 (Ten Ten Road) / US 1 southbound off-ramp and loop at SR 1010 and Waterford Green Drive. \$428,056.00 has previously been approved for construction. Additional funds are requested.	\$29,216.00 Cost \$29,216.00 Fed.
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Safety

Durham Co. W-5601HX REGIONAL	50138.1.233, HSIP-0055(061) NC 55 at Allendown Drive. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Durham Co. W-5601HY REGIONAL	50138.1.234, HSIP-0501(042) US 501 (Duke Street) at Stadium Drive. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. W-5601AB REGIONAL	50138.2.29, HSIP-0096(019) NC 96 at NC 98. Funds are needed for full right of way.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Wake Co. W-5601BC REGIONAL	50138.3.56, HSIP-0042(062) NC 42 at SR 2736 (Rock Service Station Road). Funds are needed for construction for safety improvements.	\$375,000.00 Cost \$337,500.00 Fed. \$37,500.00 State
Wake Co. W-5601CH DIVISION	50138.3.87, HSIP-1435(010) SR 1435 (Old Raleigh Road) at SR 1521 (Lake Pine Drive). Funds are needed for construction for safety improvements.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
Wake Co. W-5601EY REGIONAL	50138.1.156, HSIP-0042(067) NC 42 at SR 2727 (Sauls Road). \$80,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. W-5601GF STATEWIDE	50138.3.189, HSIP-0040(044) I-40 Crossovers. Funds are needed for construction to close unofficial crossovers.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Wake Co. W-5601HZ STATEWIDE	50138.1.235, HSIP-000S(855) Various National Highway System (NHS) routes in Division 5 (Wake and Durham Counties). Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

Project Mitigation

Franklin Co. B-4748WM DIVISION	38520.4.1, BRZ-1147(010) Replace Bridge #2 over Horse Creek on SR 1147. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$47,852.00 Cost \$38,282.00 Fed. \$9,570.00 State
Franklin Co. B-4749WM DIVISION	38521.4.1, BRZ-1200(005) Replace Bridge #27 over Middle Creek on SR 1200. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$27,206.00 Cost \$21,765.00 Fed. \$5,441.00 State

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Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Person Co. B-4784WM DIVISION	38555.4.1, BRZ-1134(003) Replace Bridge #31 over Aldridge Creek on SR 1134. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,304.00 Cost \$5,043.00 Fed. \$1,261.00 State
Person Co. B-4785WM DIVISION	38556.4.1, BRZ-1142(007) Replace Bridge #24 over the North Flat River on SR 1142. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$10,048.00 Cost \$8,038.00 Fed. \$2,010.00 State
Wake Co. B-4659WM DIVISION	38456.4.1, BRZ-1393(003) Replace Bridge #373 over Bassal Creek on SR 1393. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$45,505.00 Cost \$36,404.00 Fed. \$9,101.00 State
Wake Co. B-4663WM DIVISION	38458.4.1, BRZ-2507(001) Replace Bridge #225 over Mark's Creek on SR 2507. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$23,536.00 Cost \$18,828.00 Fed. \$4,708.00 State

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

Division 5 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. B-4697WM DIVISION	38474.4.1, BRZ-1600(009) Replace Bridge #55 over White Oak Creek on SR 1600. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$96,133.00 Cost \$76,906.00 Fed. \$19,227.00 State
Wake Co. B-5113WM DIVISION	42251.4.1, BRZ-1942(001) Replace Bridge #157 over Smiths Creek on SR 1942. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$14,384.00 Cost \$11,507.00 Fed. \$2,877.00 State

Bicycle and Pedestrian

Raleigh/ Wake Co. U-5530GB DIVISION	44111.2.11, STPDA-0520(054) Construct a sidewalk along approximately 0.5 miles of Bridge Street crossing over the Norfolk Southern Railway in Fuquay-Varina. Funds are needed for full right of way.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 Local
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**NCDOT August 2016 Board of Transportation Agenda
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Division 6

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. B-4950 DIVISION	40108.2.1, BRZ-1851(003) Replace Bridges #171 and #172 over the South River on SR 1851 / SR 1426. Funds are needed for full right of way and utilities.	\$360,000.00 Cost \$288,000.00 Fed. \$72,000.00 State

Safety

Cumberland Co. W-5601AR DIVISION	50138.2.45, HSIP-1600(014) SR 1600 (McCormick Bridge Road), curve located approximately 0.3 miles south east of SR 1798 (Sandclay Road). Funds are needed for full right of way and utilities.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
Harnett Co. W-5601AF DIVISION	50138.3.33, HSIP-1115(021) SR 1115 (Buffalo Lake Road) from north of SR 2530 (Cameron Pines Drive) to south of SR 1114 (Blanchard Road). Funds are needed for construction for safety improvements.	\$741,000.00 Cost \$666,900.00 Fed. \$74,100.00 State
Robeson Co. W-5601GX STATEWIDE	50138.3.207, HSIP-0095(038) I-95 guardrail end unit upgrades. Funds are needed for construction for guardrail end unit upgrades.	\$280,000.00 Cost \$252,000.00 Fed. \$28,000.00 State

**NCDOT August 2016 Board of Transportation Agenda
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Division 6 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Bladen Co. B-4436WM DIVISION	38363.4.FD1, BRZ-1806(001) Replace Bridge #31 over Browns Creek on SR 1806 (formally SR 1700). \$26,125.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$104,130.00 Cost \$83,304.00 Fed. \$20,826.00 State
Columbus Co. B-4481WM DIVISION	38386.4.FD1, BRZ-1831(003) Replace Bridge #279 over Livingstone Creek and Bridge #288 over Livingstone Creek Overflow on SR 1831. \$14,301.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$66,929.00 Cost \$53,543.00 Fed. \$13,386.00 State
Columbus Co. B-5115WM DIVISION	42255.4.FD1, BRSTP-1005(020) Replace Bridges #94 and #95 over Grissett Creek on SR 1005. \$11,520.00.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$41,297.00 Cost \$33,038.00 Fed. \$8,259.00 State
Cumberland Co. B-4490WM STATEWIDE	33727.4.1, BRNHS-0024(024) Replace Bridge #116 over CSX Railroad, Norfolk Southern Railroad and Hillsborough Street on NC 24 / 210 (Rowan Street). Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$601,380.00 Cost \$481,104.00 Fed. \$120,276.00 State

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Division 7

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Greensboro/ Guilford Co. U-2524D STATEWIDE	34820.3.30, NHF-0708(053) Greensboro Western Loop from US 220 (Battleground Avenue) to SR 2303 (Lawndale Drive). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016. This is an 8 week advertisement. This is a two (2) year Cash Flow project with \$30,050,000.00 in FY16, \$30,050,000.00 in FY17.	\$60,100,000.00 Cost \$48,080,000.00 Fed. \$12,020,000.00 State

Safety

Divisionwide W-5601IF STATEWIDE	50138.1.241, HSIP-000S(860) Multiple routes in Division 7. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Municipal Bridge

High Point/ Guilford Co. B-5358 DIVISION	46072.3.F1, BRZ-0710(022) Replace Bridge #428 on Model Farm Road over a Branch of Richland Creek. Funds are needed for construction for bridge replacement.	\$675,000.00 Cost \$540,000.00 Fed. \$135,000.00 Local
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Project Mitigation

Alamance Co. B-4400WM DIVISION	33680.4.1, BRZ-1122(004) Replace Bridge #160 over South Prong of Stinking Quarter Creek on SR 1122. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$7,203.00 Cost \$5,762.00 Fed. \$1,441.00 State
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Division 7 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Alamance Co. B-4401WM DIVISION	33681.4.1, BRZ-1124(005) Replace Bridge #161 over North Prong Stinking Quarter Creek on SR 1124. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,308.00 Cost \$5,046.00 Fed. \$1,262.00 State
Alamance Co. B-4953WM DIVISION	40078.4.1, BRZ-1912(002) Replace Bridge #64 over Quaker Creek on SR 1912. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$21,152.00 Cost \$16,922.00 Fed. \$4,230.00 State
Guilford Co. B-4756WM DIVISION	38528.4.1, BRZ-2128(001) Replace Bridge #120 over Reedy Creek on SR 2128. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,686.00 Cost \$5,349.00 Fed. \$1,337.00 State
Guilford Co. B-4757WM DIVISION	38529.4.1, BRZ-2795(002) Replace Bridge #175 over Buffalo Creek on SR 2795. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$56,420.00 Cost \$45,136.00 Fed. \$11,284.00 State

**NCDOT August 2016 Board of Transportation Agenda
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Division 7 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. B-4758WM DIVISION	38530.4.1, BRZ-2824(005) Replace Bridge #159 over North Buffalo Creek on SR 2824. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,826.00 Cost \$5,461.00 Fed. \$1,365.00 State
Rockingham Co. B-4803WM DIVISION	38573.4.1, BRZ-1925(002) Replace Bridge #97 over Wolf Island Creek on SR 1925. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$74,100.00 Cost \$59,280.00 Fed. \$14,820.00 State

Bicycle and Pedestrian

Greensboro/ Guilford Co. EL-5101DP DIVISION	41823.3.F18, STPDA-0708(063) West Market Street from South Oxygen Road to Spring Garden Street and from Pomona Drive to Walker Avenue, and West Market Street from United Street to Walker Avenue. \$320,000.00 has previously been approved for construction. Additional funds are needed for construction for sidewalk improvements.	\$295,000.00 Cost \$236,000.00 Fed. \$59,000.00 Local
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**NCDOT August 2016 Board of Transportation Agenda
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Division 8

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Chatham Co. W-5601CL STATEWIDE	50138.3.91, HSIP-0064(184) US 64 at SR 1716 (Big Woods Road) / SR 1941 (Seaforth Road). Funds are needed for construction for safety improvements.	\$950,000.00 Cost \$855,000.00 Fed. \$95,000.00 State
Chatham Co. W-5601IC STATEWIDE	50138.1.238, HSIP-000S(856) Various National Highway System (NHS) routes in Division 8 (Lee, Chatham, Moore, Richmond, Randolph, and Scotland Counties). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Chatham Co. W-5601ID STATEWIDE	50138.1.239, HSIP-000S(857) Various National Highway System (NHS) routes in Division 8 (Lee, Chatham, Moore, Richmond, Randolph, Scotland and Hoke Counties). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Montgomery Co. W-5601IB STATEWIDE	50138.1.237, HSIP-0073(045) I-73 / 74. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State

**NCDOT August 2016 Board of Transportation Agenda
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Division 8 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Randolph Co. W-5601HV REGIONAL	50138.1.231, HSIP-0042(070) NC 42 near SR 2895 (Moffit Mill Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Richmond Co. W-5601IA STATEWIDE	50138.1.236, HSIP-0073(046) I-73 / 74 in Richmond, Montgomery, and Randolph Counties. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
Scotland Co. W-5601BD STATEWIDE	50138.3.57, HSIP-0074(175) US 74 at NC 144 and SR 1305 (Ida Mill Road). Funds are needed for construction for safety improvements.	\$654,000.00 Cost \$588,600.00 Fed. \$65,400.00 State

Planning and Research

Moore Co. M-0492L STATEWIDE	44527.1.13, OSPR-0809(001) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Chatham Co. B-4730WM DIVISION	38503.4.1, BRZ-1549(006) Replace Bridge #108 over Terrell Creek on SR 1549. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$7,894.00 Cost \$6,315.00 Fed. \$1,579.00 State
Montgomery Co. B-4780WM DIVISION	38551.4.1, BRZ-1111(008) Replace Bridge #22 over Richland Creek on SR 1111. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$44,460.00 Cost \$35,568.00 Fed. \$8,892.00 State
High Point/ Randolph Co. B-5114WM DIVISION	42252.4.1, BRZ-1619(005) Replace Bridge #136 over US 29 / 70 / I-85 Business on SR 1619 in High Point. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$85,800.00 Cost \$68,640.00 Fed. \$17,160.00 State
Scotland Co. B-4639WM REGIONAL	38449.4.FR1, BRSTP-0015(018) Replace Bridge #17 over Gum Swamp on US 15 / US 401. \$4,370.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$15,664.00 Cost \$12,531.00 Fed. \$3,133.00 State

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Division 8 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Scotland Co. B-4816WM REGIONAL	38586.4.1, BRSTP-0015(022) Replace Bridge #65 over Juniper Creek on US 15-501. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$73,337.00 Cost \$58,670.00 Fed. \$14,667.00 State

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Division 9

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Forsyth Co. R-4073IF DIVISION	34613.3.63, STP-000S(851) NC Division of Environmental Quality Alternative Program Management. Funds are needed for construction for program management.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Statewide R-4073IE DIVISION	34613.3.62, STP-000S(853) Site #54 (Winston-Salem) Asphalt Materials Testing Labs. Funds are needed for construction for expanded groundwater testing.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Urban

Forsyth Co. U-2827B REGIONAL	34872.3.4, NHP-0421(087) Replace Bridges #178, #269, #278, #286, #288, #291, #293, #305, #312, #313, #336, US 421 / US 158 / US 421 / NC 150 / Business 40, west of Fourth Street to east of Church Street (Combined with C-5620A: Business 40 multi-use path). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016. This is a Design-Build Project . This is an 8 week advertisement. This is a three (3) year Cash Flow project with \$34,234,000.00 in FY16, \$34,233,000.00 in FY17, \$34,233,000.00 in FY18.	\$102,700,000.00 Cost \$82,160,000.00 Fed. \$20,540,000.00 State
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Safety

Davie Co. W-5601CI DIVISION	50138.3.88, HSIP-000S(817) Lane Departure Systemic improvements. Funds are needed for construction for safety improvements.	\$610,000.00 Cost \$549,000.00 Fed. \$61,000.00 State
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August 4, 2016

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Division 9 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide W-5601IH REGIONAL	50138.1.243, HSIP-000S(859) Multiple routes in Division 9. Funds are needed for preliminary engineering.	\$1,800.00 Cost \$1,620.00 Fed. \$180.00 State
Forsyth Co. W-5601IG STATEWIDE	50138.1.242, HSIP-0040(048) I-40 between the Davie and Guilford County Lines. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Stokes Co. W-5601HS REGIONAL	50138.3.228, HSIP-000S(858) Pavement marking improvements at various locations. Funds are needed for construction for pavement marking.	\$110,000.00 Cost \$99,000.00 Fed. \$11,000.00 State

Project Mitigation

Davidson Co. B-4740WM DIVISION	38513.4.1, BRZ-1194(009) Replace Bridge #7 over Dykers Creek on SR 1194. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$37,050.00 Cost \$29,640.00 Fed. \$7,410.00 State
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Division 9 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Davidson Co. B-4741WM DIVISION	38514.4.1, BRZ-1493(002) Replace Bridge #38 over Muddy Creek on SR 1493. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$54,600.00 Cost \$43,680.00 Fed. \$10,920.00 State
Stokes Co. B-4645WM STATEWIDE	38452.4.FS1, BRNHS-0052(025) Replace Bridges #29 and #30 over the Little Yadkin River on US 52. \$11,320.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$31,200.00 Cost \$24,960.00 Fed. \$6,240.00 State
Bicycle and Pedestrian		
Forsyth Co. U-4741PD DIVISION	39745.3.16, STPDA-0926(007) Sidewalk Project at Middlebrook Drive and Highway 158 Crosswalk. Funds are needed for construction for crosswalk/sidewalk.	\$75,170.00 Cost \$60,136.00 Fed. \$15,034.00 Local

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Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. I-4750AC EXEMPT	40099.2.8, NHP-077-1(224)30 I-77 at Exit 30 (Griffith Street) Interchange, construct roundabouts at northbound and southbound ramp termini. Funds are needed for full right of way and utilities.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State
Mecklenburg Co. I-4750AC EXEMPT	40099.3.8, NHP-077-1(224)30 I-77 at Exit 30 (Griffith Street) Interchange, construct roundabouts at northbound and southbound ramp termini. Funds are needed for construction.	\$2,400,000.00 Cost \$1,920,000.00 Fed. \$480,000.00 State
Mecklenburg Co. I-5405 EXEMPT	45454.3.9, NHF-077-1(229)9 Construct a pedestrian culvert at Torrence Creek. Funds are needed for construction.	\$6,000,000.00 Cost \$4,800,000.00 Fed. \$1,200,000.00 State

Safety

Cabarrus Co. W-5601IM REGIONAL	50138.1.248, HSIP-0073(047) NC 73 and SR 1602 (Jim Johnson Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
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**NCDOT August 2016 Board of Transportation Agenda
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Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. W-5601BJ STATEWIDE	50138.3.63, HSIP-0485(039) I-485 northbound ramp at US 29 (North Tryon Street) near Charlotte. Funds are needed for construction for safety improvements.	\$170,000.00 Cost \$153,000.00 Fed. \$17,000.00 State
Stanly Co. W-5601IN REGIONAL	50138.1.249, HSIP-0024(079) NC 24 / 27 / 73 from Spaulding Street to SR 1783 (Henson Street). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Union W-5601CS DIVISION	50138.3.98, HSIP-1315(016) SR 1315 (New Town Road) from SR 1008 (Waxhaw-Indian Trail Road) to SR 1388 (Will Plyler Road) in Wesley Chapel; and SR 1336 (Chambwood Road) near Wesley Chapel. Funds are needed for construction for safety improvements.	\$520,000.00 Cost \$468,000.00 Fed. \$52,000.00 State
Union Co. W-5601EA DIVISION	50138.2.130, HSIP-1007(034) SR 1007 (Rocky River Road) between SR 1150 (Old Waxhaw- Monroe Road) and Jonathan Circle. Funds are needed for full right of way.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State

**NCDOT August 2016 Board of Transportation Agenda
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Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Union Co. W-5601IJ DIVISION	50138.1.245, HSIP-1004(062) SR 1004 (Lawyers Road) and SR 1539 (Rock Hill Church Road) near Stallings. Funds are needed for preliminary engineering.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State

Project Mitigation

Cabarrus Co. B-4973WM DIVISION	40097.4.FD1, BRSTP-1157(005) Replace Bridge #271 over Irish Buffalo Creek on SR 1157. \$15,384.00.00 has previously been approved for project mitigation. Additional funds are requested.	\$41,340.00 Cost \$33,072.00 Fed. \$8,268.00 State
Mecklenburg Co. B-4779WM REGIONAL	38550.4.FR1, BRSTP-0029(039) Replace Bridges #147 and #140 over Mallard Creek on US 29 Southbound and Northbound Lanes. \$12,315.00 has previously been approved for project mitigation. Additional funds are requested.	\$44,145.00 Cost \$35,316.00 Fed. \$8,829.00 State
Stanly Co. B-4643WM STATEWIDE	38451.4.1, BRNHS-0049(022) Replace Bridge #24 over Curl Tail Creek on NC 49. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$42,900.00 Cost \$34,320.00 Fed. \$8,580.00 State

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Division 10 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Stanly Co. B-4818WM DIVISION	38588.4.FD1, BRZ-1109(007) Replace Bridge #138 over Island Creek on SR 1109. \$40,348.00 has previously been approved for project mitigation. Additional funds are requested.	\$54,210.00 Cost \$43,368.00 Fed. \$10,842.00 State

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Division 11

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide W-5601GU STATEWIDE/ REGIONAL	50138.3.204, HSIP-000S(843) Safety improvements at various locations. Funds are needed for construction for safety improvements.	\$480,000.00 Cost \$432,000.00 Fed. \$48,000.00 State
Wilkes Co. W-5503 REGIONAL	45475.3.FR1, HSIP-0268(018) NC 268 east of North Wilkesboro. Funds are needed for construction for safety improvements.	\$2,500,000.00 Cost \$2,250,000.00 Fed. \$250,000.00 State

Project Mitigation

Ashe Co. B-4705WM DIVISION	38480.4.FD1, BRZ-1376(002) Replace Bridge #69 over Little Helton Creek on SR 1376. \$18,820.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$51,870.00 Cost \$41,496.00 Fed. \$10,374.00 State
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**NCDOT August 2016 Board of Transportation Agenda
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Division 12

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gastonia/ Gaston Co. C-4934 EXEMPT	44034.3.1, CMS-0279(005) NC 279 (New Hope Road) from Burtonwood Drive to SR 2466 (Garrison Boulevard). Funds are needed for construction for a turn lane.	\$2,200,000.00 Cost \$1,650,000.00 Fed. \$550,000.00 Local

Planning and Research

Catawba Co. M-0492R STATEWIDE	44527.1.19, OSPR-1208(009) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$53,000.00 Cost \$37,100.00 Fed. \$15,900.00 State
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Project Mitigation

Alexander Co. B-5110WM DIVISION	42248.4.FD1, BRZ-1626(003) Replace Bridge #129 over Big Branch Creek on SR 1626. \$19,527.00 has previously been approved for project mitigation. Additional funds are requested.	\$53,820.00 Cost \$43,056.00 Fed. \$10,764.00 State
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Division 13

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rutherford Co. M-0492S EXEMPT	44527.1.20, SPR-0SPR(008) Spindale-Planning Grant. Funds are needed for preliminary engineering.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 Local

Municipal Bridge

Buncombe Co. M-0414MA DIVISION	42080.1.121, BRZ-NBIS(013) Municipal Bridge Inspection. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,400.00 Fed. \$600.00 Local
Buncombe Co. M-0414MB DIVISION	42080.1.122, BRZ-NBIS(013) Municipal Bridge Inspection. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,400.00 Fed. \$600.00 Local

Project Mitigation

Buncombe Co. B-4715WM DIVISION	38489.4.1, BRZ-2797(001) Replace Bridge #655 over the Broad River on SR 2797. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$48,360.00 Cost \$38,688.00 Fed. \$9,672.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. EB-5774 DIVISION	46407.1.1, STPDA-0251(038) NC 251 from SR 1684 (Elk Mountain Road) to Exit 25 on US 19 / 23 / 70. Funds are needed for preliminary engineering.	\$450,000.00 Cost \$360,000.00 Fed. \$90,000.00 Local

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

Division 14

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Transylvania Co. B-4823 DIVISION	38593.2.1, BRZ-1538(009) Replace Bridge #12 over Hogsed Creek on SR 1538. Funds are needed for full right of way and utilities.	\$45,000.00 Cost \$36,000.00 Fed. \$9,000.00 State

Safety

Jackson Co. W-5601HT DIVISION	50138.1.229, HSIP-1550(005) SR 1550 (Centennial Drive) at University Way on the campus of Western Carolina. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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Planning and Research

Henderson Co. M-0492P STATEWIDE	44527.1.17, OSPR-1430(008) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 State
Henderson Co. M-0492Q STATEWIDE	44527.1.18, OSPR-0509(009) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 State

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

Division 14 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Clay Co. B-4734WM DIVISION	38507.4.1, BRZ-1300(008) Replace Bridge #9 over Iver Tusquitee Creek on SR 1300. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$31,980.00 Cost \$25,584.00 Fed. \$6,396.00 State
Haywood Co. B-4763WM DIVISION	38535.4.FD1, BRZ-1503(008) Replace Bridge #35 over Bald Creek on SR 1503. \$27,451.00 has previously been approved for project mitigation. Additional funds are requested.	\$75,660.00 Cost \$60,528.00 Fed. \$15,132.00 State
Henderson Co. B-3346WM DIVISION	33004.4.FD1, BRZ-1734(003) Replace Bridge #42 over Saconon Creek on SR 1734. \$20,800.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$93,210.00 Cost \$74,568.00 Fed. \$18,642.00 State
Henderson Co. B-4765WM DIVISION	38537.4.FD1, BRZ-1574(004) Replace Bridge #113 over Kyles Creek on SR 1574. \$33,960.00 has previously been approved for project mitigation. Additional funds are requested.	\$102,960.00 Cost \$82,368.00 Fed. \$20,592.00 State

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

Division 14 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Henderson Co. B-4988WM DIVISION	40156.4.1, BRZ-1528(006) Replace Bridge #309 over Featherstone Creek on SR 1528. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$60,840.00 Cost \$48,672.00 Fed. \$12,168.00 State
Macon Co. B-3868WM DIVISION	33313.4.1, BRZ-1456(006) Replace Bridge #172 over Little Tennessee River on SR 1456. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$349,440.00 Cost \$279,552.00 Fed. \$69,888.00 State
Transylvania Co. B-4288WM DIVISION	33627.4.1, BRZ-1107(009) Replace Bridge #85 over East Fork French Broad River on SR 1107. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$50,700.00 Cost \$40,560.00 Fed. \$10,140.00 State
Transylvania Co. B-4289WM DIVISION	33628.4.FD1, BRZ-1324(002) Replace Bridge #93 over North Fork French Broad River on SR 1324. \$26,885.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$71,370.00 Cost \$57,096.00 Fed. \$14,274.00 State

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

Division 14 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Transylvania Co. B-5010WM STATEWIDE	41536.4.1, BRSTP-0064(099) Replace Bridge #27 over Rocky Creek on US 64. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$70,200.00 Cost \$56,160.00 Fed. \$14,040.00 State

Rural

Macon Co. R-4436ND REGIONAL	34625.2.61, STP-0023(035) US 23 / 441 at Watauga Park and Ride Lot near Franklin in Macon County. Funds are needed for construction for two filtration basins to improve water quality.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Divisionwide	39831.3.F1, STP-000S(430)	\$136,309.00	Cost
E-4975	Divisions 11, 13, and 14 - Blue Ridge National Heritage Area	\$109,047.00	Fed.
STATEWIDE	Trails Program. \$219,433.00 has previously been approved for construction. Additional funds are requested.	\$27,262.00	Local

Planning and Research

Statewide	50145.3.2, RTD-000S(840)	\$75,000.00	Cost
M-0482B	Cary Parkway Bridge Compaction Grouting Project as a	\$60,000.00	Fed.
STATEWIDE	research and technology demonstration project. Funds are needed for construction for research.	\$15,000.00	State

ITEM M SUMMARY - 126 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$198,025,822.00

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

August 4, 2016

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

STIP ADDITIONS

DIVISION 4

R-5769	SR 1913 (GORDON ROAD), US 70 BUSINESS TO	RIGHT-OF-WAY	FY 2017 -	\$10,000	(T)
JOHNSTON	PROPOSED NOVO NORDISK FACILITY. VARIOUS	CONSTRUCTION	FY 2017 -	\$5,000,000	(T)
PROJ.CATEGORY	ROADWAY IMPROVEMENTS INCLUDING NEW ACCESS		FY 2018 -	<u>\$5,000,000</u>	(T)
DIVISION	ROAD.			\$10,010,000	

**ADD RIGHT-OF-WAY IN FY 17 NOT PREVIOUSLY
PROGRAMMED AND ACCELERATE CONSTRUCTION
TO FY 17.**

STATEWIDE

* C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY
STATEWIDE	CENTER. CONDUCT A CLEAN FUEL ADVANCED
PROJ.CATEGORY	TECHNOLOGY OUTREACH AND AWARENESS
EXEMPT	PROGRAM, INCLUDING EMISSIONS-REDUCING SUB- AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.

**PROJECT ADDED AT REQUEST OF TRANSPORTATION
PLANNING BRANCH - SEE PROJECT BREAK BELOW
FOR FUNDING.**

* C-5702A	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY	OTHER	2017	\$747,210	(CMAQ)
STATEWIDE	CENTER. CONDUCT A CLEAN FUEL-ADVANCED		2017	\$186,802	(L)
PROJ.CATEGORY	TECHNOLOGY OUTREACH AND AWARENESS		2018	\$747,210	(CMAQ)
EXEMPT	PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES.		2018	<u>\$186,802</u>	(L)
				\$1,868,024	

**PROJECT ADDED AT REQUEST OF TRANSPORTATION
PLANNING BRANCH.**

* INDICATES FEDERAL AMENDMENT

Thursday, August 04, 2016

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

DIVISION 5

* U-5118

WAKE

JOHNSTON

FRANKLIN

HARNETT

GRANVILLE

PROJ.CATEGORY

DIVISION

VARIOUS, OPERATIONAL IMPROVEMENTS FOR
SAFETY AND CONGESTION MITIGATION.

ADD FUNDING BEYOND FY16 AT REQUEST OF MPO.

ENGINEERING

FY 2017 - \$100,000 (STBGDA)

FY 2017 - \$25,000 (L)

FY 2018 - \$100,000 (STBGDA)

FY 2018 - \$25,000 (L)

FY 2019 - \$100,000 (STBGDA)

FY 2019 - \$25,000 (L)

FY 2020 - \$100,000 (STBGDA)

FY 2020 - \$25,000 (L)

FY 2021 - \$100,000 (STBGDA)

FY 2021 - \$25,000 (L)

FY 2022 - \$100,000 (STBGDA)

FY 2022 - \$25,000 (L)

FY 2023 - \$100,000 (STBGDA)

FY 2023 - \$25,000 (L)

FY 2024 - \$100,000 (STBGDA)

FY 2024 - \$25,000 (L)

FY 2025 - \$100,000 (STBGDA)

FY 2025 - \$25,000 (L)

FY 2026 - \$100,000 (STBGDA)

FY 2026 - \$25,000 (L)

FY 2027 - \$100,000 (STBGDA)

FY 2027 - \$25,000 (L)

RIGHT-OF-WAY

FY 2016 - \$144,000 (STBGDA)

FY 2016 - \$36,000 (L)

FY 2017 - \$300,000 (STBGDA)

FY 2017 - \$75,000 (L)

FY 2018 - \$300,000 (STBGDA)

FY 2018 - \$75,000 (L)

FY 2019 - \$300,000 (STBGDA)

FY 2019 - \$75,000 (L)

FY 2020 - \$300,000 (STBGDA)

FY 2020 - \$75,000 (L)

FY 2021 - \$300,000 (STBGDA)

FY 2021 - \$75,000 (L)

FY 2022 - \$300,000 (STBGDA)

FY 2022 - \$75,000 (L)

FY 2023 - \$300,000 (STBGDA)

FY 2023 - \$75,000 (L)

FY 2024 - \$300,000 (STBGDA)

FY 2024 - \$75,000 (L)

FY 2025 - \$300,000 (STBGDA)

FY 2025 - \$75,000 (L)

FY 2026 - \$300,000 (STBGDA)

FY 2026 - \$75,000 (L)

FY 2027 - \$300,000 (STBGDA)

FY 2027 - \$75,000 (L)

CONSTRUCTION

FY 2016 - \$3,032,000 (STBGDA)

FY 2016 - \$758,000 (L)

FY 2017 - \$6,000,000 (STBGDA)

FY 2017 - \$1,500,000 (L)

FY 2018 - \$3,000,000 (STBGDA)

* INDICATES FEDERAL AMENDMENT

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

DIVISION 5

FY 2018 -	\$750,000	(L)	
FY 2019 -	\$3,000,000	(STBGDA)	
FY 2019 -	\$750,000	(L)	
FY 2020 -	\$3,000,000	(STBGDA)	
FY 2020 -	\$750,000	(L)	
FY 2021 -	\$3,000,000	(STBGDA)	
FY 2021 -	\$750,000	(L)	
FY 2022 -	\$3,000,000	(STBGDA)	
FY 2022 -	\$750,000	(L)	
FY 2023 -	\$3,000,000	(STBGDA)	
FY 2023 -	\$750,000	(L)	
FY 2024 -	\$3,000,000	(STBGDA)	
FY 2024 -	\$750,000	(L)	
FY 2025 -	\$3,000,000	(STBGDA)	
FY 2025 -	\$750,000	(L)	
FY 2026 -	\$3,000,000	(STBGDA)	
FY 2026 -	\$750,000	(L)	
FY 2027 -	\$3,000,000	(STBGDA)	
FY 2027 -	\$750,000	(L)	
	\$54,470,000		

* U-5307
WAKE

US 1, I-540 IN RALEIGH TO SR 1909 (PURCELL ROAD) / SR 1931 (HARRIS ROAD) IN WAKE FOREST. UPGRADE ROADWAY TO CONTROLLED ACCESS FACILITY.

REVISE NORTHERN TERMINUS AT REQUEST OF PRECONSTRUCTION TO FACILITATE PLANNING / ENVIRONMENTAL REVIEW AND DOCUMENTATION. SEE BELOW FOR INCLUSION OF CORRESPONDING PROJECT BREAK.

* U-5307D WAKE	US 1, SOUTH OF NC 98 TO SR1909 (PURCELL ROAD) / SR 1931 (HARRIS ROAD) IN WAKE FOREST.	RIGHT-OF-WAY	POST YR	\$30,100,000	(NHP)
		UTILITIES	POST YR	\$3,612,000	(NHP)
	<u>ADD PROJECT BREAK TO REFLECT REVISED NORTHERN TERMINUS FOR U-5307.</u>	CONSTRUCTION	POST YR	\$56,400,000	(NHP)
				\$90,112,000	

* INDICATES FEDERAL AMENDMENT

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

DIVISION 5

* U-5530

WAKE

JOHNSTON

FRANKLIN

HARNETT

GRANVILLE

PROJ.CATEGORY

DIVISION

VARIOUS, CAPITAL AREA MPO: BICYCLE, PEDESTRIAN, ENGINEERING
TRANSIT, AND TRANSPORTATION ALTERNATIVES
PROGRAM (TAP)-ELIGIBLE PROJECTS.

ADD FUNDING BEYOND FY18 AT REQUEST OF MPO.

FY 2016 -	\$100,000	(STBGDA)
FY 2016 -	\$25,000	(L)
FY 2017 -	\$100,000	(STBGDA)
FY 2017 -	\$25,000	(L)
FY 2018 -	\$100,000	(STBGDA)
FY 2018 -	\$60,000	(TAPDA)
FY 2018 -	\$40,000	(L)
FY 2019 -	\$100,000	(STBGDA)
FY 2019 -	\$60,000	(TAPDA)
FY 2019 -	\$40,000	(L)
FY 2020 -	\$100,000	(STBGDA)
FY 2020 -	\$60,000	(TAPDA)
FY 2020 -	\$40,000	(L)
FY 2021 -	\$100,000	(STBGDA)
FY 2021 -	\$60,000	(TAPDA)
FY 2021 -	\$40,000	(L)
FY 2022 -	\$100,000	(STBGDA)
FY 2022 -	\$60,000	(TAPDA)
FY 2022 -	\$40,000	(L)
FY 2023 -	\$100,000	(STBGDA)
FY 2023 -	\$60,000	(TAPDA)
FY 2023 -	\$40,000	(L)
FY 2024 -	\$100,000	(STBGDA)
FY 2024 -	\$60,000	(TAPDA)
FY 2024 -	\$40,000	(L)
FY 2025 -	\$100,000	(STBGDA)
FY 2025 -	\$60,000	(TAPDA)
FY 2025 -	\$40,000	(L)
FY 2026 -	\$100,000	(STBGDA)
FY 2026 -	\$60,000	(TAPDA)
FY 2026 -	\$40,000	(L)
FY 2027 -	\$100,000	(STBGDA)
FY 2027 -	\$60,000	(TAPDA)
FY 2027 -	\$40,000	(L)
RIGHT-OF-WAY	FY 2016 -	\$400,000 (STBGDA)
	FY 2016 -	\$100,000 (L)
	FY 2017 -	\$400,000 (STBGDA)
	FY 2017 -	\$100,000 (L)
	FY 2018 -	\$200,000 (STBGDA)
	FY 2018 -	\$120,000 (TAPDA)
	FY 2018 -	\$80,000 (L)
	FY 2019 -	\$200,000 (STBGDA)
	FY 2019 -	\$120,000 (TAPDA)
	FY 2019 -	\$80,000 (L)
	FY 2020 -	\$200,000 (STBGDA)
	FY 2020 -	\$120,000 (TAPDA)
	FY 2020 -	\$80,000 (L)
	FY 2021 -	\$200,000 (STBGDA)
	FY 2021 -	\$120,000 (TAPDA)
	FY 2021 -	\$80,000 (L)
	FY 2022 -	\$200,000 (STBGDA)

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
 HIGHWAY PROGRAM
 STIP MODIFICATIONS

DIVISION 5

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 5

FY 2017 -	\$250,000	(TAPDA)
FY 2017 -	\$700,000	(L)
	\$56,700,000	

DIVISION 7

EL-4828A	MORGAN CREEK GREENWAY, PHASE 1	CONSTRUCTION	FY 2017 -	\$298,000	(STBGDA)
ORANGE	<u>TO ALLOW ADDITIONAL TIME TO ANALYSE THE</u>		FY 2017 -	\$74,000	(L)
PROJ.CATEGORY	<u>FLOOD PLAIN, DELAY CONSTRUCTION FROM FY 16 TO</u>			\$372,000	
TRANSITION	<u>FY 17.</u>				

EL-4828B	MORGAN CREEK GREENWAY, PHASE 2	CONSTRUCTION	FY 2018 -	\$730,000	(TAPDA)
ORANGE	<u>TO ALLOW ADDITIONAL TIME TO ANALYSE THE</u>		FY 2018 -	\$182,000	(L)
PROJ.CATEGORY	<u>FLOOD PLAIN, DELAY CONSTRUCTION FROM FY 16 TO</u>			\$912,000	
TRANSITION	<u>FY 18.</u>				

DIVISION 8

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

DIVISION 9

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

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

* INDICATES FEDERAL AMENDMENT

Thursday, August 04, 2016

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

DIVISION 10

B-5930	SARDIS LANE, REPLACE BRIDGE 590433 OVER	RIGHT-OF-WAY	FY 2017 -	\$50,000	(STPOFF)
MECKLENBURG	MCALPINE CREEK.		FY 2017 -	\$13,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY</u>	CONSTRUCTION	FY 2018 -	\$625,000	(STPOFF)
DIVISION	<u>RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>		FY 2018 -	\$156,000	(L)
	<u>CONSTRUCTION FROM FY 17 TO FY 18.</u>			\$844,000	

I-5507	I-485, I-485, I-77 SOUTH OF CHARLOTTE TO US 74	RIGHT-OF-WAY	FY 2017 -	\$1,600,000	(T)
MECKLENBURG	(INDEPENDENCE BOULEVARD). ADD ONE EXPRESS	CONSTRUCTION	FY 2017 -	\$35,800,000	(T)
PROJ.CATEGORY	LANE IN EACH DIRECTION.		FY 2017 -	\$17,200,000	(BOND R)
STATEWIDE	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY</u>		FY 2018 -	\$53,000,000	(T)
	<u>RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>		FY 2019 -	\$53,000,000	(T)
	<u>CONSTRUCTION FROM FY 16 TO FY 17.</u>		FY 2020 -	\$53,000,000	(T)
				\$213,600,000	

I-5768	I-77, SOUTH CAROLINA LINE TO SR 1577 (WEST	CONSTRUCTION	FY 2017 -	\$4,450,000	(NHPIM)
MECKLENBURG	TYVOLA ROAD). PAVEMENT REHABILITATION.		FY 2018 -	\$4,450,000	(NHPIM)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>			\$8,900,000	
STATEWIDE	<u>CONSTRUCTION FROM FY 16 TO FY 17.</u>				

DIVISION 12

C-5562	GASTONIA, BIKE AND PEDESTRIAN IMPROVEMENTS	CONSTRUCTION	FY 2016 -	\$300,000	(CMAQ)
GASTON	BETWEEN DOWNTOWN AND LINEBERGER PARK.		FY 2016 -	\$75,000	(L)
PROJ.CATEGORY	<u>INCREASE FUNDING. NOTE: \$220,000 HAS ALREADY</u>			\$375,000	
EXEMPT	<u>BEEN AUTHORIZED.</u>				

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

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

* INDICATES FEDERAL AMENDMENT

Thursday, August 04, 2016

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

DIVISION 13

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

STIP DELETIONS

DIVISION 13

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

ITEM N SUMMARY

ADDITIONS	3 PROJECTS	\$11,878,024
MODIFICATIONS	16 PROJECTS	
DELETIONS	1 PROJECTS	\$777,000
	20 PROJECTS	\$11,101,024

* INDICATES FEDERAL AMENDMENT

NCDOT August 4, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 47 Agreements for approval by the Board of Transportation.

Statewide

North Carolina Center for
Geographic Information and
Analysis
Wake County
36249.3665

This Project consists of the Department providing Orthoimagery Advisory and Technical Services for the Digital Piedmont 2017 Project defined in 26 counties. The Agency shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost of the work is \$161,826.

US Fish and Wildlife Service
(USFWS)
Wake County
S0068

This Agreement is to provide funding for three positions at the US Fish and Wildlife Service over a period of five years. Said positions shall perform work exclusively for NCDOT projects, providing expedited project delivery, technical assistance and review/coordination of Department Projects across the state. The Department shall reimburse the USFWS an estimated cost of \$2,410,000 over the five year period.

North Carolina Floodplain
Mapping Program (NCFMP)
Wake County

This revised Memorandum of Agreement (MOA) provides for services to the Department for updates to the flood insurance rate maps (FIRMS) in order to maintain National Flood Insurance Program (NFIP) compliance associated with the Department's projects, complete map revisions for certain projects, and updating certain reports and studies as required by FEMA and other governmental agencies by NCFMP. This agreement also allows the Department to provide information to NCFMP for certain projects for review and approval for the included activities. The Department shall reimburse NCFMP the actual costs of the work as agreed upon under the terms of the MOA.

Division 2

Carolina Coastal Railway
Pitt County
R-2250
34411.3.R7

This Rail Project consists of construction on US 264 (Greenville Southwest Bypass) beginning at Station 17+50.00 -L- running in a north-westerly direction over the tracks of Railroad to Station 682+46.77 -L-, identified for preliminary engineering as State Project 34411.3.R7 in Pitt County, and in connection to construct structures at separated grades across Railroad's right of way, tracks and other facilities near Railroad Milepost 151.75.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 2, cont.

City of New Bern
Craven County
M-0499R
44509.1.30

This Project consists of planning activities for a five year comprehensive transportation plan for the New Bern Metropolitan Planning Organization (MPO) and the City of New Bern for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Greenville
Pitt County
M-0499P
44509.1.10

This Project consists of planning activities for a five year comprehensive transportation plan for the Greenville Urban Area Metropolitan Planning Organization (GUA MPO) and the City of Greenville for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

Division 3

Town of Watha
Pender County
42894

This Rail Agreement provides for the general cleanup and maintenance of the Wallace to Castle Hayne rail corridor within the Department's railroad right-of-way inside the municipal limits. General cleanup will include mowing, vegetation control, removal and disposal of debris. The Municipality will perform the work. The Department will reimburse the Municipality \$3,600 per year for 5 years. The estimated cost to the Department is \$18,000.

Waccamaw Regional Council of
Governments
Brunswick County
M-0499S
44509.1.31

This Project consists of planning activities for a five year comprehensive transportation plan for the Grand Strand Area Metropolitan Planning Organization (GSA MPO) and the Waccamaw Regional Council of Governments for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Jacksonville
Onslow County
M-0499L
44509.1.13

This Project consists of planning activities for a five year comprehensive transportation plan for the Jacksonville Urban Metropolitan Planning Organization (JUMPO) and the City of Jacksonville for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 3, cont.

City of Wilmington
New Hanover County
U-5534/M-0499N
44509.1.16
44509.1.24

This Project consists of planning activities for a five year comprehensive transportation plan for the Wilmington Urban Area Metropolitan Planning Organization (WMPO) and the City of Wilmington for the annual Unified Planning Work Program (UPWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

Division 4

City of Goldsboro
Wayne County
P-5100
42538.1.1

On May 15, 2009, the Department and the Municipality entered into a Rail Agreement for the rehabilitation of the historic 1909 Goldsboro Union Station, including site work. The Department's participation in the cost of the work was \$900,000. This Supplemental Rail Agreement changes the scope of the project to include streetscape improvements, and revises the Department's participation from \$900,000 to \$1,035,000. Federal Enhancements funds will provide \$920,000 (80%), State funds will provide \$115,000 (10%), and Municipal funds will provide \$115,000 (10%), for a total project cost of \$1,150,000.

City of Goldsboro
Wayne County
P-5100
42073

This Rail Agreement provides for the installation of a new roof on the 1909 Goldsboro Union Station. The Municipality, and/or its contractor, will perform all of the work. The Department will participate in 50% of the cost of the work or up to \$286,000, whichever is less.

City of Goldsboro
Wayne County
M-0499H
44509.1.8

This Project consists of planning activities for a five year comprehensive transportation plan for the Goldsboro Metropolitan Planning Organization (GMPO) and the City of Goldsboro for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Rocky Mount
Edgecombe County
M-0499Q
44509.1.15

This Project consists of planning activities for a five year comprehensive transportation plan for the Rocky Mount Urban Area Metropolitan Planning Organization (MPO) and the City of Rocky Mount for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 4, cont.

CSX Transportation, Inc. (CSXT) Town of Fremont Wayne County Y-5500DC	This Rail Agreement provides for the permanent closure of the municipal railroad at-grade crossings on North Street, milepost AC 148.58, and South Street, milepost AC 149.02. The Department will perform all work not on railroad right-of-way. CSXT will perform the work within its right-of-way. CSXT will contribute \$8,000 for work performed by the Department. The estimated cost to the Department is \$75,000.
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Division 5

City of Henderson Vance and Warren Counties I-0914 BA 38688.3.GVS6BA	This Project consists of improvements on I-85 from south of US 158 in Vance County to north of SR 1237 (Manson Drewry Road). The Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$73,456.25.
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Department of Commerce (Commerce) Wake County 32227	On September 1, 2014, the Department and Commerce entered into a 1 year Rail Agreement for the establishment and staffing of a mutually agreed upon "Call Center" that would answer and refer telephone calls regarding 1-800-BYTRAIN and Travel and Tourism. Amendment 1 to the Call Center Agreement was executed on September 9, 2015, and extended the Agreement through August 31, 2016. The Department and Commerce now wish to modify the terms and responsibilities of the Agreement executed on September 1, 2014, and amended September 9, 2015, by executing a new Call Center Agreement that will supersede the previously executed agreements. The New Call Center Agreement will distribute current and pertinent information regarding traffic conditions, rail schedules, and travel and tourism. The term of the Agreement will be for 3 years, with an option for 2 additional years. The annual cost of \$20,184.00 shall be shared 50/50, the Department will participate in the cost in the amount of \$10,092.00 and Commerce will participate in the cost in the amount of \$10,092.00.
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NCDOT August 4, 2016 Board of Transportation Agenda

Division 5, cont.

Town of Youngsville
Franklin County
C-5604 QA
43714.1.9
43714.3.9

This Project consists of bicycle and pedestrian streetscape improvements to Main Street that originated in the 2014 Northeast Area Study (NEAS). Improvements include construction of sidewalks, curb extensions, cross-walks, and share lane markings, along with other streetscape improvements in Youngsville. The Department shall reimburse the Municipality 80% of approved eligible costs from the CMAQ funds allocation, not to exceed \$506,000. The Municipality will be responsible for providing the 20% (\$126,500) non-federal match for the CMAQ funds and all costs that exceed the total estimated cost.

Town of Apex
Wake County
U-5928
44822.3.1

This Project consists of construction of a grade separated interchange for the Apex Peakway at South Salem Street and the CSX railroad tracks. The Department shall reimburse the Municipality 50% of approved eligible costs from the STP-DA funds allocation, not to exceed \$2,500,000. The Municipality will be responsible for providing the 50% (\$2,500,000) non-federal match for the STP-DA funds and all costs that exceed the total estimated cost. The Municipality's cost is estimated to be \$4,600,000.

Town of Fuquay Varina
Wake County
U-5927A
44796.3.2

This Project consists of the construction phase of .47 miles of widening N. Judd Parkway NE (SR 2768 and SR 5056) from three lanes to four lanes with median and left turn lanes at intersections in Fuquay Varina. The Department shall reimburse the Municipality 73% (\$1,686,000) from STP-DA funds and \$500,000 from state contingency funds. The Municipality shall provide the 27% local match and all costs that exceed the total estimated cost of \$2,810,000.

Town of Wake Forest
Wake County
C-5164
46229.1.1
46229.2.F1
46229.3.F1

This Project consists of the construction of a trail and sidewalk to connect major activity centers in Wake Forest. This Supplemental Agreement is to provide additional funding in the amount of \$600,000 from Transportation Alternative Program (TAP) funds. The Municipality shall provide \$600,000 as the non-federal match and all costs that exceed the total estimated funding amount of \$4,622,233. This Supplemental Agreement also extends the completion date of the Project to March 31, 2018, in lieu of October 30, 2017.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 5, cont.

Town of Fuquay Varina
Wake County
U-5118GB
42379.3.37

This Project consists of the construction of intersection operational improvements within the existing right-of-way and roadway by adding dual left-turn lanes on the Sunset Lake Road/Purfoy Road quadrants onto US 401, relocation of pedestrian signal heads, traffic signal revisions, and installation of raised concrete medians in Fuquay Varina. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$686,400. The Municipality will be responsible for providing the 20% (\$171,600) non-federal match and all costs that exceed the total estimated cost.

City of Durham
Durham County
EB-4707B
38664.3.2

This Project consists of street and highway improvements on SR 2220 (Old Durham Chapel Hill Road) from SR 1113 (Pope Road) to SR 1116 (Garrett Road). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$575,650.

Town of Wake Forest
Wake County
EL-5100AE
41821.1.41
41821.2.41
41821.3.41

This Project consists of the design and construction of a 10-foot wide greenway from the NC 98 Bypass (Dr. Calvin Jones Highway) pedestrian culvert north to the town property and spurs to the west connecting to existing sidewalks within Deacons Ridge and Cardinal Park subdivisions in Wake Forest. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$365,440 (80%) and the Municipality's was \$91,360 (20%) for a total estimated cost of \$456,800. The Department agrees to reimburse the Municipality an additional \$300,000 (50%) of STP-DA funds, and the Municipality will provide an additional \$300,000 (50%) as their local match, for a total additional cost of \$600,000. The Municipality is responsible for all costs that exceed the total estimated Project funding amount of \$1,056,800.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 5, cont.

Town of Apex
Wake County
R-2635B
35520.5.TA1

This Project consists of the Western Wake Freeway from south of the future intersection of US 1 and Western Wake Freeway to north of the intersection of Olive Chapel Road (SR 1160) and Western Wake Freeway. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$843,077.

City of Raleigh
Wake County
U-4850
44509.1.4
39225.1.21

This Agreement is to perform planning work with the Municipality, which has been designated as the Lead Planning Agency for the Capital Area Metropolitan Planning Organization (CAMPO). The work is identified in the annual Unified Planning Work Program (UPWP) prepared by the MPO and approved by the policy board of the MPO, the Department, and FHWA.

City of Durham
Durham County
U-4727
44509.1.5
39225.1.18

This Agreement is to perform planning work with the Municipality, which has been designated as the Lead Planning Agency for the Durham Chapel Hill Carrboro Metropolitan Planning Organization (DCHC MPO). The work is identified in the annual Unified Planning Work Program (UPWP) prepared by the MPO and approved by the policy board of the MPO, the Department, and FHWA.

Division 6

Town of Angier
Harnett County
U-5530 PA
44111.1.17
44111.3.17

This Project consists of the extension of 5-foot sidewalk west along Hwy 210 from Walgreens to Fish Drive and south along Park Street from Hwy 210 to W. Lillington Street in Angier. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$418,280. The Municipality will be responsible for providing the 20% (\$104,570) non-federal match funds authorized and all costs that exceed the total estimated cost \$522,850.

Cumberland County Joint
Planning Board
Cumberland County
M-0499F
44509.1.6

This Project consists of planning activities for a five year comprehensive transportation plan for the Fayetteville Area Metropolitan Planning Organization (FAMPO) and the Cumberland County Joint Planning Board for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 7

Town of Chapel Hill
Orange County
U-5550
50154.3.2

This Project consists of intersection improvements at SR 1742 (Ephesus Church Road) and US 15/501(Fordham Boulevard). The improvements include realignment, construction of turn lanes, widening and extension within the project limits in Chapel Hill. The Department shall participate in the actual Construction costs up to a maximum amount of \$2,170,000 (estimated costs are \$2,170,000).

North Carolina Railroad Company
(NCRR)
Norfolk Southern Railway
(Railroad)
Alamance County
U-3109A
34900.1.1

This Rail Project consists of construction of a new grade separation on the proposed new location of NC 119 beginning at Station 142+41.10 -L- running in a northerly direction over the tracks and related facilities owned by NCRR and operated by Railroad to Station 147+35.41 -L- identified for preliminary engineering as State Project WBS 34900.1.1 and Federal Project STP-0119(10) in Alamance County, and in connection to construct a crossing at separated grade, including the superstructure and substructure, the handrails therefore, the wearing surface of the highway, the approaches and the drainage and other related facilities across the NCRR's Corridor, property and right-of-way, tracks and other facilities at or near Railroad's Milepost H-30 in accordance with plans and specifications prepared by Department.

City of Greensboro
Guilford County
17BP.7.R.81

This Project consists of replacing Bridge No. 40 on SR 1116 (Bishop Road) over Hickory Creek in Greensboro. 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 estimated cost to the Municipality is \$44,819.

City of Greensboro
Guilford County
U-2524D
34820.3.30

This Project consists of Greensboro-Western Loop from North of US 220 (Battleground Avenue) to North of SR 2303 (Lawndale Drive) in Greensboro. 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 estimated cost to the Municipality is \$195,127.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 8

City of Asheboro
Randolph County
R-2536
34450.3.8

This Design-Build Project consists of improvements to US 64 (Asheboro Southern Bypass) from US 64 West of Asheboro to existing US 64 East of Asheboro and Zoo Connector from east of SR 2839 (Staleys Farm Road) to the existing Zoo entrance. 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 pay the Department a lump sum amount of \$1,547,997.53 for the work.

Aberdeen Carolina & Western
Railway (ACWR)
Montgomery, Moore & Stanly
Counties
80000.1.4.29

This Rail Agreement supersedes the agreement that was approved on the May 5, 2016 Board of Transportation agenda, and revises the counties of work from Montgomery, Moore, and Anson to Montgomery, Moore and Stanly Counties. There are no other changes in the scope of work and/or cost of the project. The Agreement covered the approval of a Rail Freight Assistance grant from the State's Freight Rail & Rail Crossing Safety Improvement (FRRCSI) fund to assist ACWR with infrastructure improvements necessary to the railroad. The project consists of bridge repairs located at mileposts 23.1, 56.4, 338.5, and 346. ACWR will be responsible for performing the work. The Department will participate in the cost of the project to the extent of 50% or up to \$222,500, whichever is less. The estimated cost of the project is \$445,000. As a condition of the award, ACWR and the Department shall enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five years.

Division 9

Salisbury-Rowan Utilities
Rowan County
I-3802B
36780.2.U3

This Project consists of additional lanes on I-85 from Lane Street (Exit 63) to US 29-601 Connector (Exit 68). At the request of the Municipality the Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water lines. The estimated cost to the Municipality is \$85,311.90.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 10

City of Concord
Cabarrus County
U-4910A
40373.3.3

This Project consists of street and highway improvements on SR 1445 (Derita Road) from SR 2894 (Concord Mills Boulevard) to Aviation Boulevard. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$930,000.

City of Concord
Cabarrus County
U-4910B
40373.3.F2

This Project consists of street and highway improvements on SR 1445 (Derita Road) from Aviation Boulevard to SR 1394 (Poplar Tent Road). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$320,000.

Charlotte Water
Mecklenburg County
17BP.10.R.50

This Project consists of the replacement of Bridge 81 over branch of Clarks Creek on SR 2481 (Hucks Road). At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Agency is \$566,866.09.

City of Kannapolis
Cabarrus County
U-3440
39010.3.2

This Project consists of NC 3 from proposed West Side Bypass (U-2009) to SR 1691 (Loop Road). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$1,638,613.40.

Mecklenburg County Parks and
Recreation (County)
Mecklenburg County
W-5601FJ
50138.1.167
50138.2.167
50138.3.167

This Project consists of improvements at the intersection of Davidson Concord Road (NC 73) and Ramah Church Road (SR 2439) in Huntersville and includes widening of both roads and the installation of a new traffic signal. The estimated cost of the Project is \$450,000. The Department will provide \$100,000 in project funds towards the cost of the project. The County shall be responsible for all costs that exceed the Department's funding. The estimated reimbursement from the County is \$350,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 11

City of Mount Airy
Surry County
17BP.11.R.115

This Project consists of the replacement of Bridge No. 850094 over the Ararat River on SR 1727 (Linville Road) in Mount Airy. This Utility Agreement is to insert waterline hangers on the north side of the bridge. The Municipality shall be responsible for the entire cost of the work. The estimated reimbursement from the Municipality is \$12,050.

Division 12

City of Mount Holly
Gaston County
U-3633
37649.1.1

This Project consists of improvements on NC 273 (South Main Street) from Tuckaseegee Road at Beatty Road to Highland Street at A & E Drive in Mount Holly. At the request of the Municipality, the Department shall use its utility engineering firm to engineer the utility plans for the relocation of water and sewer lines. The estimated reimbursement from the Municipality is \$12,447.95.

City of Hickory
Catawba County
B-5549
55047.1.1
55047.2.1
55047.3.1

The Project consists of the replacement of Bridge No. 327 located on Falling Creek Road over Falling Creek in Hickory. This Supplemental Agreement is to provide additional funding in the amount of \$586,400 (80%) from Municipal Bridge Program funds. The Municipality shall provide \$146,600 (20%) as the non-federal match.

Town of Cramerton
Gaston County
M-0492M
44527.1.14

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the Town of Cramerton. The Department shall be responsible for all phases of the Project. The Department shall participate in the Project costs up to a maximum of \$36,000. The Municipality will provide a local match in the amount of \$4,000. This Agreement supersedes the prior board approval on May 5, 2016.

City of Lincolnton
Lincoln County
C-5606I
43728.1.9
43728.3.9
44818

This Project consists of adding a raised concrete sidewalk to Bridge #277 on NC 27/150 over US 321 by converting an excess travel lane on NC 27/150 (East Main Street) in the area of the bridge into a sidewalk. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of eligible expenses from CMAQ funds, not to exceed \$158,000. The Department shall also reimburse 100% of eligible expenses from State Contingency Funds not to exceed \$250,000. Estimated total Department participation is \$408,000. The Municipality shall provide \$42,000 as the non-federal match and all costs that exceed the total estimated cost. The estimated cost of the Project is \$450,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 12, cont.

City of Claremont
Catawba County
C-5195
46247.1.1
46247.3.1

This Project consists of constructing sidewalk in multiple locations along Centennial Boulevard, Calvin Street, S. Depot Street, Yount Street, Bethlehem Drive and School Street in Claremont. This Supplemental Agreement is to modify the scope of the Project. The Centennial Boulevard location will be eliminated from the Project.

NCDOT August 4, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 46 Agreements for informational purposes only.

Statewide

North Carolina State University
Statewide
C-4902A
44002.1.2

This Project consists of the implementation and operation of the Clean Fuel Awareness Technology (CFAT) Program by North Carolina State University. This Supplemental Agreement restricts the maximum amount of funding to be reimbursed to the University and clarifies the completion date of the Project.

Division 1

North Carolina Wildlife
Resources Commission
Gate County
36249.3664

This Project consists of the replacement of various pipe and road improvements in the Chowan Game Lands. The Department shall be responsible for all phases of the Project. The Agency shall reimburse the Department \$63,000 for work performed by the Department. The estimated total cost of Project is \$63,000.

Division 2

Town of Beaufort
Town of Beaufort Fire
Department
Carteret County
48124

This Project consists of the construction of a driveway access at 900 Cedar Street for the Town of Beaufort Fire Department. 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 \$25,000. Costs which exceed this amount shall be borne by the Municipality.

Division 3

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

This Project consists of the design and construction of a multi-use path that begins at Mike Chappell Park along the existing cleared fire path and terminates at Greenville Avenue and the Harper Avenue bike lanes will consist of a bicycle boulevard on existing pavement on each side of Harper Avenue from Dow Road to Lake Park Boulevard. This Supplemental Agreement extends the completion date for the Project to June 30, 2017, in lieu of September 30, 2014.

Town of Richlands
Onslow County
3.106715
3.206715

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$2,119.08 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 3, cont.

City of Jacksonville
Onslow County
3.106715
3.206715

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$10,203.92 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of North Topsail Beach
Onslow County
3.106715

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$5,353.20 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Leland
Onslow County
3.201015

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$2,677.80 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Wilmington
New Hanover County
3.106515
3.206515

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$41,932.32 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Carolina Shores
Brunswick County
3.201015

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$829.04 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Holly Ridge
Onslow County
3.106715
3.206715

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$1,731.92 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 3, cont.

City of Boiling Springs Lakes
Brunswick County
3.101015
3.201015

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$4,506.66 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Teachey
Duplin County
3.203115

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$1,586.05 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Oak Island
Brunswick County
3.101015

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$7,767.12 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Calabash
Brunswick County
3.101015
3.201015

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$3,800.49. for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

M. M. Fowler, Inc.
New Hanover County
36249.3653

This Project consists of traffic signal review and inspection for the traffic signal at US 421 (Carolina Beach Road) and SR 1524 (Golden Road) [SIN 03-0830]. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Halpern Development
Company, LLC
New Hanover County
36249.3652

This Project consists of traffic signal review and inspection for the traffic signal at US 17 Business (Market Street) and SR 1403 (Middle Sound Loop Road) [SIN 03-0076]. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 3, cont.

Town of Caswell Beach
Brunswick 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.

Enviva Pellets Sampson, LLC.
Sampson County
36249.3654

This Project consists of Signal design and installation at US 117 Connector at NC 403 and Enviva driveway regarding Enviva Pellets Sampson, LLC. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department \$129,058.37 for work performed by the Department. The estimated total cost of Project is \$129,058.37.

Town of Leland
Brunswick County
36249.3656

This Project consists of design, fabrication, and installation of directional signs at the intersection of Village Road (SR 1472) and Fairview Road (non-system) and at the intersection of Village Road with South Navassa Road (SR 1435) and Old Fayetteville Road (SR 1437). The Entity shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$17,400.

Lidl US, LLC
New Hanover County
36249.3655

This Project consists of traffic signal review and inspection for the traffic signal at US 74 (Eastwood Road) and Cavalier Drive related to the Cambridge Village development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Bay Foods, Inc.
Brunswick County
36249.3657

This Project consists of traffic signal review and inspection for the traffic signal at US 74/76 at NC 87 (Maco Road) and SR 1419 (Northwest Road) related to the Hardees development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

HT Properties, LLC
New Hanover County
36249.3668

This Project consists of traffic signal review and inspection for the traffic signal at US 421 (North Lake Park Boulevard) at Harris Teeter retail driveway associated with the Harris Teeter development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 5

Town of Cary
Wake County
EL-5100 GG
41821.1.17
41821.3.43

This Project consists of the design and construction for the trailhead parking areas along Old Reedy Creek Road at the Black Creek Greenway in Cary. This Supplemental Agreement extends the completion date of the Project to September 1, 2017, in lieu of June 1, 2016.

Lidl US, LLC
Wake County
36248.3663

This Project consists of a new signal installation at SR 2000 (Wake Forest Road) and Ronald Drive/Ollie Street. 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 \$70,000.

City of Raleigh
Wake County

This Agreement provides for the serving of food and beverages on property within or adjacent to State right of way under legislation enacted by the North Carolina General Assembly. The Municipality shall administer a sidewalk dining ordinance and issue approval of permits allowing sidewalk dining in State right of way under the conditions and criteria required by the law.

Town of Wake Forest
Wake County
U-5118 BA
42379.1.3
42379.3.F3

This Project consists of improvements on Ligon Mill Road, adding turn lanes, sidewalks, bike lanes, streetlights, and pedestrian signal. The Municipality is responsible for all phases of the project. This Supplemental Agreement extends the completion date for the Project to December 31, 2018, in lieu of September 1, 2016.

Town of Cary
Wake County
U-5500
45487.1.1

This Project consists of the environmental study and preliminary engineering for widening Green Level West Road from two lanes to four lanes, starting at NC 55 west to Green Level Church Road in Cary. This Supplemental Agreement extends the completion date for the Project to July 1, 2017 in lieu of July 31, 2016.

Wake Technical Community
College
Wake County
44824

This Project consists of paving the unpaved portion of SR 1706 (Watkins Road) in Morrisville. The Agency is responsible for all phases of the work. The Department shall participate in the actual Construction costs up to a maximum amount of \$242,593. Costs which exceed this amount shall be borne by the Agency. Total estimated costs are \$377,481.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 5, cont.

Knightdale Investors, LLC
Wake County
36249.3671

This Project consists of modifying the signal at US 64 Business (Knightdale Boulevard) at the Square D Driveway in Knightdale. 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.

Research Triangle Foundation of
North Carolina
Durham County
36249.3672

This Project consists of the new signal installation at NC 54 at Park Drive/BASF Driveway, Durham. 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 \$7,500.

Division 6

NC Piedmont Natural Gas
Cumberland County
50079.3.FD1

The Project consists of a right turn lane on SR 2220 (Tom Starling Road) at SR 2333 (Corporation Drive) in conjunction with the Project to realigning two curves along SR 2220 between US 301 and NC 87, including widening, resurfacing and a left turn lane at SR2333. The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$26,500 for work performed by the Department. The estimated total cost of Project is \$26,500.

City of Fayetteville
Cumberland County
36249.3669

This Project consists of review of the design plans and inspection of the roadway improvements, pavement markings and traffic signal revisions to connect Rayconda Road to US 401 Raeford Road) at the VA Clinic entrance. The Municipality shall be responsible for all phases of the Project. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost for work performed by the Department in reviewing the proposed Project documents, upon completion of the work performed.

Lowes Homes Centers, LLC
Cumberland County
45336.3.FR27

The Project consists of construction of a right turn lane, right, monolithic island and cross walks and signal, traffic signal; and an entrance from NC 59 onto Butler Street in conjunction with the widening and construction of turn lanes Project W-5206AA on NC 59 (Hope Mills Road). The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$465,000 for work performed by the Department. The estimated total cost of Project is \$465,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 6, cont.

Riddle Commercial Properties
Cumberland County
45336.3.FR27

The Project consists of construction of a right turn lane, right, monolithic island and cross walks and signal, traffic signal; and an entrance from NC 59 onto Butler Street in conjunction with the widening and construction of turn lanes Project W-5206AA on NC 59 (Hope Mills Road). The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$175,000 for work performed by the Department. The estimated total cost of Project is \$175,000.

Division 7

City of Greensboro
Guilford County
44708

This Project consists of installation of mast arm signal poles, pedestrian signals and stamped crosswalks at the intersection of SR 4240 (Gate City Boulevard) and South Elm Street (non-system) and SR 4240 (Gate City Boulevard) and Arlington Street in Greensboro. The Department shall participate in the costs of the project in an amount not to exceed \$250,000. Costs which exceed this amount shall be borne by the Municipality.

City of High Point
Guilford County
36050.041
36053.041

This Agreement is to provide snow removal and ice removal along state maintained routes in the City of High Point. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$185,000 per year.

City of Greensboro
Guilford County
R-4707
36599

This Project consists of developing a preliminary design plan for moving vehicular traffic along US 29 in Greensboro. This Supplemental Agreement extends the completion date of the Project to December 31, 2018, in lieu of December 31, 2015.

Main Development Company,
LLC
Guilford County
36249.3650

This Project consists of a traffic signal installation at the intersection of NC 68 (Westchester Drive) and Idol Road (Non-system). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 8

Town of Southern Pines
Moore County
8.106315

This Agreement is to provide "routine" and/or "clean-up" mowing of vegetation within the rights of way of certain State maintained routes in Southern Pines. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$7,500 per year.

Chatham County

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

Village of Whispering Pines
Moore County
B-5543
45526.1.1
45526.2.F1
45526.3.F1

This Project consists of replacement of Bridge No. 87 on S. Lakeshore Drive across Thaggard Lake in Whispering Pines. This Supplemental Agreement is for additional work included within the scope of the Project, consisting of form-lining two sides of the parapet, staining with a multi-colored stain and placing a single color stain on exposed concrete surfaces of the Bridge. The estimated cost to the Municipality for this betterment is \$41,958.

Division 10

KH Mint Hill LLLP
Mecklenburg County
36249.3667

This Project consists of the installation of a new traffic signal at the intersection of Albemarle Road (NC 24/27) and Cresswind Site Driveway. 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 11

Caldwell County
44782

This Project consists of constructing a driveway to the new Patterson Volunteer Fire Department Satellite Station at the intersection of US 321 and SR 1371 (Waterfalls Road) in Caldwell County. The County shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$25,000. Costs which exceed this amount shall be borne by the County.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 11, cont.

Town of Hudson
Caldwell County
36249.3662

This Project consists of removing 2 existing signs and furnishing and installing 4 new guide signs on US 321 at SR 1952/1809 (Pine Mountain Road) in Hudson. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$2,600.

Town of Wilkesboro
Wilkes County
36249.3666

This Project consists of furnishing and installing signs for "2016 Men's 2A Golf State Champions" on existing directional signs on NC 16/18 at Moravian Falls Road in Wilkes County. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$740.00.

NCDOT August 2016 Board of Transportation Agenda

Approval of Municipal Street System Changes

Deletions from the State Highway System

BOT approval of the following will be retroactive to June 30, 2016.

Division	County	Municipality	Road	Termini	Length
10	Mecklenburg 2016_08_M001	Charlotte	SR 2467	To delete (SR 2467) portion of Lawrence Gray Road and renumber the remaining 2.69 miles to SR 2464	0.47
			SR 2477	To delete (SR 2477) Johnston Oehler Road	2.26

Correction

Division	County	Municipality	Road	Termini	Length
9	Forsyth 2016_07_M001 to correct the municipal agreement to Forsyth 2016_06_M001	Kernersville	SR 2636	To delete (SR2636) Beeson Road	0.73

NCDOT August 2016 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1 & R-2
2	Final Right of Way Plans	R-3
3	Revisions of Final Right of Way Plans	R-4 & R-5
4	Approval of Conveyance of Highway Right of Way Residues	R-6
5	Approval of Conveyance Revised Control of Access	R-7

Preliminary Right of Way Plans

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

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

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

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

(Division 1)

Hertford County; I.D. No. R-5311A; Project No. 45449.2.FS1:

US 13/NC 11 from West of Modlin Road to East of NC 11/SR 1213 (Old NC 11 Road)

(Division 2)

Pitt County; I.D. No. U-5606; Project No. 45834.2.2:

SR 1598 (Dickinson Avenue) from NC 11 to SR 1610 (Reade Circle)

(Division 5)

Wake County; I.D. No. U-5530GB; Project No. 44111.2.11:

Fuquay-Varina – Bridge Street Pedestrian Improvements sidewalk along approx.. 0.5 miles of Bridge Street Cross Over the Norfolk Southern Railway-Pedestrian Crossing

(Division 6)

Cumberland County; I.D. No. B-4491; Project No. 38389.2.FR1:

Bridge No. 22 over I-95B/US 301 on NC 59

(Division 7)

Guilford County; I.D. No. U-5169; Project No. 45220.2.1:

I-74/us 311 and NC 68 (Eastchester Drive)

Preliminary Right of Way Plans (continued)

(Division 8)

Randolph County; I.D. No. B-5928; Project No. 46371.2.1:

Bridge No. 175 over Mill Creek on SR 2614 (Grantville Lane)

Scotland County; I.D. No. B-5749; Project No. 45705.2.1:

Bridge No. 36 over Big Shoe Heel Creek on SR 1421 (McIntosh Road)

Scotland County; I.D. No. B-5746; Project No. 45702.2.1:

Bridge No. 43 over Leiths Creek on SR 1645 (Dixie Guano Road)

Scotland County; I.D. No. B-5744; Project No. 45700.2.1:

Bridge No. 50 over Bridge Creek on SR 1615 (Hasty Road)

Scotland County; I.D. No. B-5741; Project No. 45697.2.1:

Bridge No. 30 over Juniper Creek on SR 1425 (Lee's Mill Road)

(Division 10)

Union County; I.D. No. W-5601EA; Project No. 50138.2.130:

SR 1007 (Rocky River Road) Between SR 1150 (Old Waxhaw-Monroe Road) and Jonathan Circle

Final Right of Way Plans

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

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

(Division 3)

Project No. 38367.2.FD1; Brunswick County; I.D. No. B-4440:

Grading, drainage, paving and structure on Bridge No. 163 over Mulberry Branch on SR 1349 with the right of way indicated upon the final plans for said project.

Project No. 40233.2.1; Pender County; I.D. No. B-4929:

Grading, drainage, paving, structure and retaining walls on Bridge No. 16 over Intracoastal Waterway on NC 50-210 with the right of way indicated upon the final plans for said project.

(Division 11)

Project No. 34605.2.2; Alleghany County; I.D. No. R-4060:

Grading, drainage, paving, structure and retaining walls on US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21 with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 42271.2.FR1; Macon County; I.D. No. B-5125:

Grading, drainage, paving, signal and structure on Bridge No. 22 over Little Tennessee River on US 441 Business with the right of way indicated upon the final plans for said project.

Revisions of the Final Right of Way Plans

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

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

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

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

(Division 2)

Project No. 34528.2.2; I.D. No. R-3307; Carteret County:

Final Right of Way plans approved on the minutes of the February 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 9 as presented at the August 4, 2016 Board of Transportation Meeting.

(Division 3)

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

Final Right of Way plans approved on the minutes of the September 5, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 6 as presented at the August 4, 2016 Board of Transportation Meeting.

(Division 9)

Project No. 34839.2.1; I.D. No. U-2579B; Forsyth County:

Final Right of Way plans approved on the minutes of the November 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 13 & 14 as presented at the August 4, 2016 Board of Transportation Meeting.

Revisions of the Final Right of Way Plans (continued)

(Division 13)

Project No. 34832.2.2; I.D. No. U-2551; Burke County:

Final Right of Way plans approved on the minutes of the May 3, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 13 as presented at the August 4, 2016 Board of Transportation Meeting.

Project No. 35609.2.1; I.D. No. R-2519B; Yancey-Mitchell Counties:

Final Right of Way plans approved on the minutes of the June 2, 2011 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 27 & 33 as presented at the August 4, 2016 Board of Transportation Meeting

(Division 14)

Project No. 35022.2.1; I.D. No. U-4412; Haywood County:

Final Right of Way plans approved on the minutes of the January 9, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 10 as presented at the August 4, 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 3)

**TIP-3418 Project, Property between 3rd & 4th Streets and Campbell Street
New Hanover County**

Conveyance of approximately 1.511-acres to the City of Wilmington for the cost of the \$20 total per the signed Memorandum of Understanding approved by the Board of Transportation at the March 2016 meeting. These properties will serve as the Wilmington Multi-modal Transportation Center and parcel ID's include: R04813-029-011-000, R04813-029-009-000, R04813-029-007-000, R04813-029-002-000, R04813-029-008-000 and R04813-29-003-000.

(Division 5)

**Project 44092.2.STR01P5500, Parcel P-5500 016, SR 1004 (W. Garner Road) across
from SR 2848 (Meadowbrook Drive)**

Wake County

Conveyance of an approximate 3.336-acre residue area to the North Carolina Department of Public Safety (NC State Highway Patrol) for no monetary consideration. This residue property has been requested for the future expansion of their training track and facility. If any portion of the property is needed for future transportation uses, the North Carolina Department of Public Safety (NC State Highway Patrol) will convey back to the Department the portion needed for transportation uses at no cost. The North Carolina Department of Public Safety (NC State Highway Patrol) will reimburse the Department for the survey and appraisal fees.

**Project 8.T351212, Parcel I-0306C 045, I-85 from West of US 15-501 to West of
Broad Street**

Durham County

Conveyance of an approximate 0.088-acre residue area to Elmo Yancey, the only interested adjacent owner, for the appraised value of \$5,000.00.

(Division 7)

**Project 34820.2.19, Parcel U-2524D 093C, Greensboro Western Loop from East of
US 220 (Battleground Avenue) to East of SR 2303**

Guilford County

Conveyance of an approximate 0.020-acre residue area and 2 story townhouse to Gail Coleman for the high bid amount of \$60,100.00.

**Project 34820.2.19, Parcel U-2524D 095C, Greensboro Western Loop from East of
US 220 (Battleground Avenue) to East of SR 2303**

Guilford County

Conveyance of an approximate 0.020-acre residue area and 2 story townhouse to Gail Coleman for the high bid amount of \$58,500.00.

CONVEYANCE ROW RESIDUE	5 PROJECT(S)	\$123,620.00
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**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2016 - 2017**

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

July 18, 2016

MEMORANDUM TO: Board of Transportation
FROM: Transportation Planning Branch
SUBJECT: Submission of the Locust and Red Cross Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Branch has worked cooperatively with the City of Locust and the Town of Red Cross, as well as Stanly County, on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by the City of Locust on June 9, 2016; the Town of Red Cross on May 9, 2016; and Stanly County on July 11, 2016. The Rocky River RPO endorsed the plan on July 21, 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=Locust and Red Cross](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Locust%20and%20Red%20Cross)

The Transportation Planning Branch recommends the mutual adoption of the Locust and Red Cross Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of July 22, 2016.

Sincerely,

A handwritten signature in black ink, appearing to read 'J Alavi', written over a horizontal line.

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

Attachment

August 4, 2016

Adopted by:

City of Locust
Date: June 9, 2016

Town of Red Cross
Date: May 9, 2016

Please See
Cabarrus-Rowan MPO
Stanly County CTP
Date: July 11, 2016

NCDOT
Date:

Endorsed by:

Rocky River RPO
Date: July 21, 2016

Recommended by:
Transportation Planning Branch
Date: July 22, 2016

NOTES:

**Locust
and
Red Cross
RECOMMENDED
Comprehensive
Transportation Plan
Stanly County**

Plan date: January 21, 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

-  Schools
-  Roads
-  Railroads
-  Rivers and Streams
-  Water Bodies
-  Municipal Boundary
-  Planning Boundary
-  County Boundary

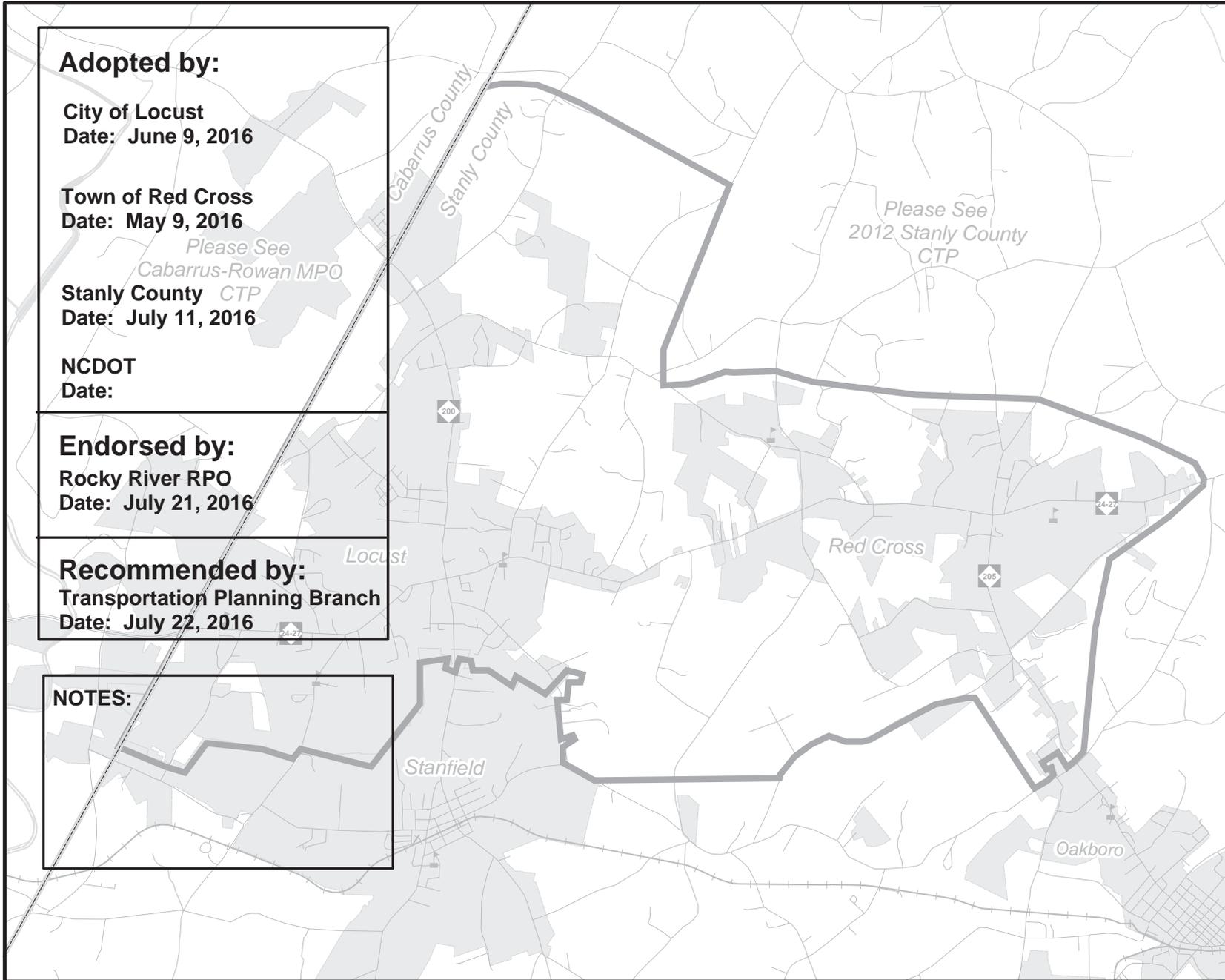
0 0.25 0.5 0.75 1 Miles

Sheet 1 of 5



Base map date: June 2014

Refer to CTP document for more details



DBE/MB/WB LETTING SUMMARY

Federal Contract Awards Summary

Oct 2015 let through Jul 2016 let

Federal Fiscal Year 2015/2016

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
						MB		WB	
						\$	%	\$	%
Monthly	95,842,581.73	10,831,933.49	11.3	8,093,218.40	8.4	4,001,541.80	4.2	4,091,676.60	4.3
FY to Date	670,483,828.20	66,562,554.52	10.0	64,363,754.50	9.6	19,275,703.00	2.9	45,088,051.50	6.7

State Contract Awards Summary

Jul 2016 let through Jul 2016 let

Begin State Fiscal Year 2016/2017

	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
		\$	%	\$	%	\$	%	\$	%
		Monthly	44,355,861.94	1,331,240.00	3.0	1,354,629.40	3.1	1,878,325.21	4.2
FY to Date	44,355,861.94	1,331,240.00	3.0	1,354,629.40	3.1	1,878,325.21	4.2	3,404,620.80	7.7

Letting Date(s): July 19, 2016
 Award Date: Aug 04, 2016
 Award Subject to BOT's Approval

LETTING DATES: July 19, 2016
 AWARD DATE: August 4, 2016

PROJECT NUMBER	COUNTY	TYPE OF WORK	LOW BIDDER	ADVERTISED GOALS SET			PARTICIPATION SUBMITTED			GOOD FAITH EFFORT AWARDED		AWARDED BY SECRETARY	
				DBE %	MB %	WB %	DBE %	MB %	WB %	YES	NO	YES	NO
42263.3.1 BRNHS-0070(119) B-5121, B-5317 C203751	WAKE	GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, AND STRUCTURES	ZACHRY CONSTRUCTION CORPORATION	12.0			10.4			X		X	
38533.3.1 B-4761 C203749	HALIFAX	GRADING, DRAINAGE, PAVING, & STRUCTURE	S T WOOTEN CORPORATION		3.0	5.0		4.7	6.49			X	
33727.3.FS1 BRNHS-0024(24) B-4490 C203659	CUMBERLAND	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONST.	S. T. WOOTEN CORPORATION	10.0			9.0						X
52010.3.1, ETC NHPP-0040(6)208 I-5734, I-5762 C203901	GUILFORD	PAVEMENT REHABILITATION	PENHALL COMPANY	6.0			6.0					X	
2017CPT.08.01.10631, ETC SS-4908AS C203896	MOORE	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	RILEY PAVING INC		5.0	5.0		5.1	12.4			X	
2017CPT.08.02.10621, ETC C203893	MONTGOMERY, RANDOLPH	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	RILEY PAVING INC		3.0	5.0		3.2	5.0			X	
2017CPT.08.03.10771 C203890	RICHMOND	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	BARNHILL CONTRACTING COMPANY		3.0	5.0		3.0	5.0			X	
50080.3.FD1 HSIP-4315(2) W-5510 C203899	FORSYTH	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	YATES CONSTRUCTION CO., INC	14.0			14.1					X	
42265.3.1 B-5123 C203889	CABARRUS	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	BLYTHE DEVELOPMENT CO		3.0	5.0		3.0	5.3			X	
46426.3.1 NHPIM-0085(025) I-5893 C203874	GASTON	PAVEMENT REHABILITATION	THE LANE CONSTRUCTION CORPORATION		8.0		8.1					X	
2017CPT.13.01.10111, ETC C203891	BUNCOMBE	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC		3.0	4.0		3.0	5.5				X
2017CPT.13.03.10571, ETC C203897	MADISON	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC		3.0	3.0		3.0	6.2			X	
2017CPT.13.04.10591, C203894	MCDOWELL	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	MAYMEAD, INC		2.0	3.0		2.0	3.0			X	
2017CPT.13.05.10611, ETC C203892	MITCHELL	MILLING, RESURFACING AND SHOULDER RECONSTRUCTION	MAYMEAD, INC		2.0	4.0		2.1	4.2			X	
2017CPT.13.06.10811, C203898	RUTHERFORD	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION	HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC		3.0	3.0		3.0	8.2			X	
34915.3.FR1	DURHAM	GRADING, DRAINAGE, PAVING, SIGNALS, TRACKWORK, & STRUCTURES	ZACHRY CONSTRUCTION CORPORATION	12.0			5.8			X		X	

LETTING DATES: July 19, 2016
 AWARD DATE: August 4, 2016

PROJECT NUMBER	COUNTY	TYPE OF WORK	LOW BIDDER	ADVERTISED GOALS SET			PARTICIPATION SUBMITTED			GOOD FAITH EFFORT AWARDED		AWARDED BY SECRETARY		
				DBE %	MB %	WB %	DBE %	MB %	WB%	YES	NO	YES	NO	
STP-55(20) U-3308 C203567 45647.3.1, ETC B-5693, ETC C203895	ROBESON, BLADEN, CUMBERLAND	EXPRESS DESIGN BUILD	SMITH-ROWE, LLC		2.0	4.0		1.6	20.1	X			X	



August 3, 2016

Financial Update

David Tyeryar, Chief Financial Officer



Financial Update

SFYTD 2016 as compared SFYTD 2015

Dollars in Millions	June 16	June 15	Year to Date		
			June 16	June 15	\$ Change
Revenue Collections	\$ 482	\$ 524	\$ 5,052	\$ 4,742	\$ 310
Expenditures	481	450	4,738	4,507	231
Net Change	\$ 1	\$ 74	\$ 314	\$ 235	\$ 79
	June 16	June 15			
Cash Balances:					
Trust Fund	\$ 1,433	\$ 1,121			
Highway Fund*	284	294			
Totals	\$ 1,717	\$ 1,415			

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



Unaudited Financial Report

Transportation

Revenue Summary June 2016

(\$ in Millions)

	June 2016	June 2015	Year Over Year				SFY Budget	
			2015-2016 Actual	2014-2015 Actual	\$	%	Annual Budget	%
State & Federal Receipts:								
Highway Fund *	\$ 186.4	\$ 183.1	\$ 2,047.4	\$ 2,013.5	\$ 34.0	2%	\$ 1,947.8	105%
Highway Trust Fund *	133.3	113.5	1,424.2	1,234.7	189.5	15%	1,312.5	109%
Total State Funds	319.6	296.6	3,471.6	3,248.2	223.4	7%	\$ 3,260.3	106%
Federal Funds/Participation	133.0	112.5	1,216.5	1,245.6	(29.1)	-2%	1,185.6	103%
GARVEE Reimbursement/NCTA	28.9	115.0	363.8	248.0	115.8	47%		
Total	\$ 481.6	\$ 524.1	\$ 5,051.9	\$ 4,741.8	\$ 310.2	7%	\$ 4,445.9	114%
* Memo	June 2016	June 2015	Year Over Year				SFY Budget	
			2015-2016 Actual	2014-2015 Actual	\$	%	Annual Budget	%
Highway Fund & Trust Fund Details								
Motor Fuel Taxes	\$ 170.6	\$ 170.7	\$ 1,923.4	\$ 1,911.9	\$ 11.5	1%	\$ 1,810.9	106%
Highway Use Tax	70.4	64.1	729.1	652.4	76.7	12%	659.8	111%
DMV/Other Revenue	77.7	61.7	823.2	692.5	130.7	19%	786.6	105%
Investment Income	2.2	1.3	11.2	6.1	5.1	84%	3.0	373%
Total	\$ 321.0	\$ 297.8	\$ 3,487.0	\$ 3,262.8	\$ 224.1	7%	\$ 3,260.3	107%



Unaudited Financial Report

Transportation

Expenditure Summary June 2016

(\$ in millions)

			Year Over Year				SFY Budget	
	Jun-16	Jun-15	2015-2016 Actual	2014-2015 Actual	\$	%	2015-2016 Budget	%
State & Federal Funded Programs:								
Construction	\$ 201.6	\$ 17.5	\$ 2,024.4	\$ 1,779.2	\$ 245.2	14%	\$ 2,088.2	97%
Maintenance	138.7	145.0	1,251.0	1,207.1	43.9	4%	1,227	102%
Public Transportation	4.6	4.2	119.4	103.0	16.4	16%	123	97%
Other Modal/Other Programs	15.7	13.9	140.6	138.7	1.9	1%	153	92%
Administration	94.6	72.9	293.0	278.1	14.9	5%	322	91%
Municipal Aid	-	-	147.7	147.1	0.6	0%	147.5	0%
Transfers to Other Agencies	3.9	8.6	45.5	252.8	(207.3)	NA	47.3	96%
Total Expenditures	\$ 459.1	\$ 262.2	\$ 4,021.6	\$ 3,906.0	\$ 115.6	3%	\$ 4,108.2	98%
GARVEE/NCTA/Special Initiatives	\$ 22.0	\$ 187.7	\$ 716.3	\$ 600.9	\$ 115.4	19%	337.8	212%



Revenue & Expenditure Variances

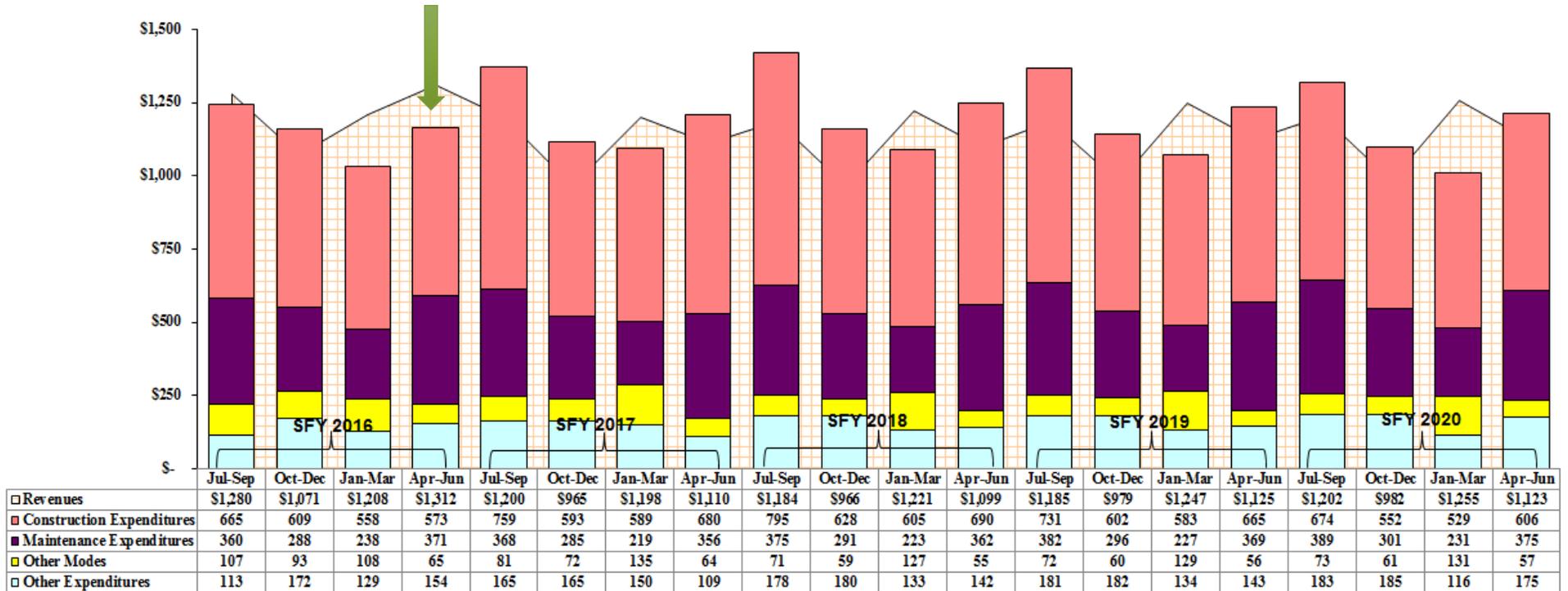
As of June 30, 2016

RECEIPTS		
State & Federal Receipts:	Percent of Budget	Reason for Variance
Highway Use Tax	111%	Per OSBM, a pent up demand from recessionary period and the current rebounding economy have led to unexpectedly higher car sales volume.
Motor Fuels Taxes	106%	Motor fuel consumption through the 4th quarter is almost 12% higher than the same period last year.
DMV/Other Revenue	105%	House Bill 97 increased DMV fees for Drivers License Fees, Title Fees, Staggered Registration, Truck Licenses, and International Registration Plan Fees effective January 1.
EXPENDITURES		
State & Federal Funded Programs:		Reason for Variance
Other Modal/Other Programs	92%	Aviation expenditures are still lagging significantly. 34 new projects will be ramping up before calendar year end.
Administration	91%	Administrative areas (other than DMV, which is slightly over budget) are down by 15% .



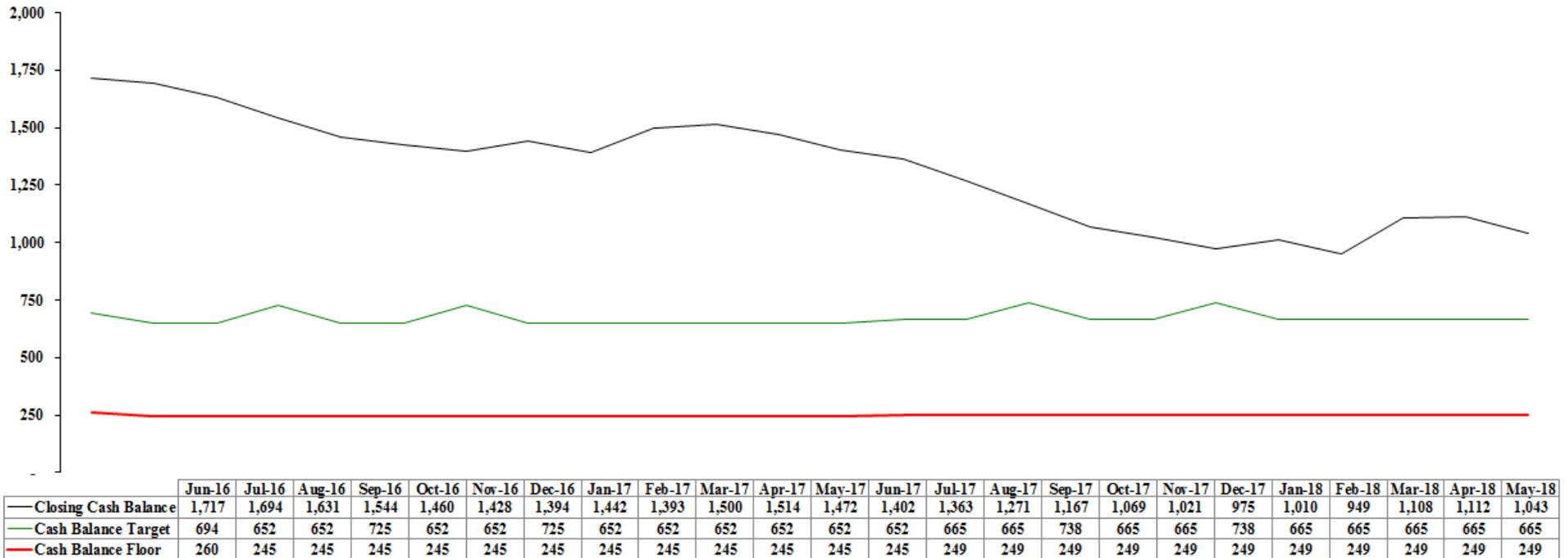
60 Month Cash Model

Revenue & Expenditure Projections as of June 2016

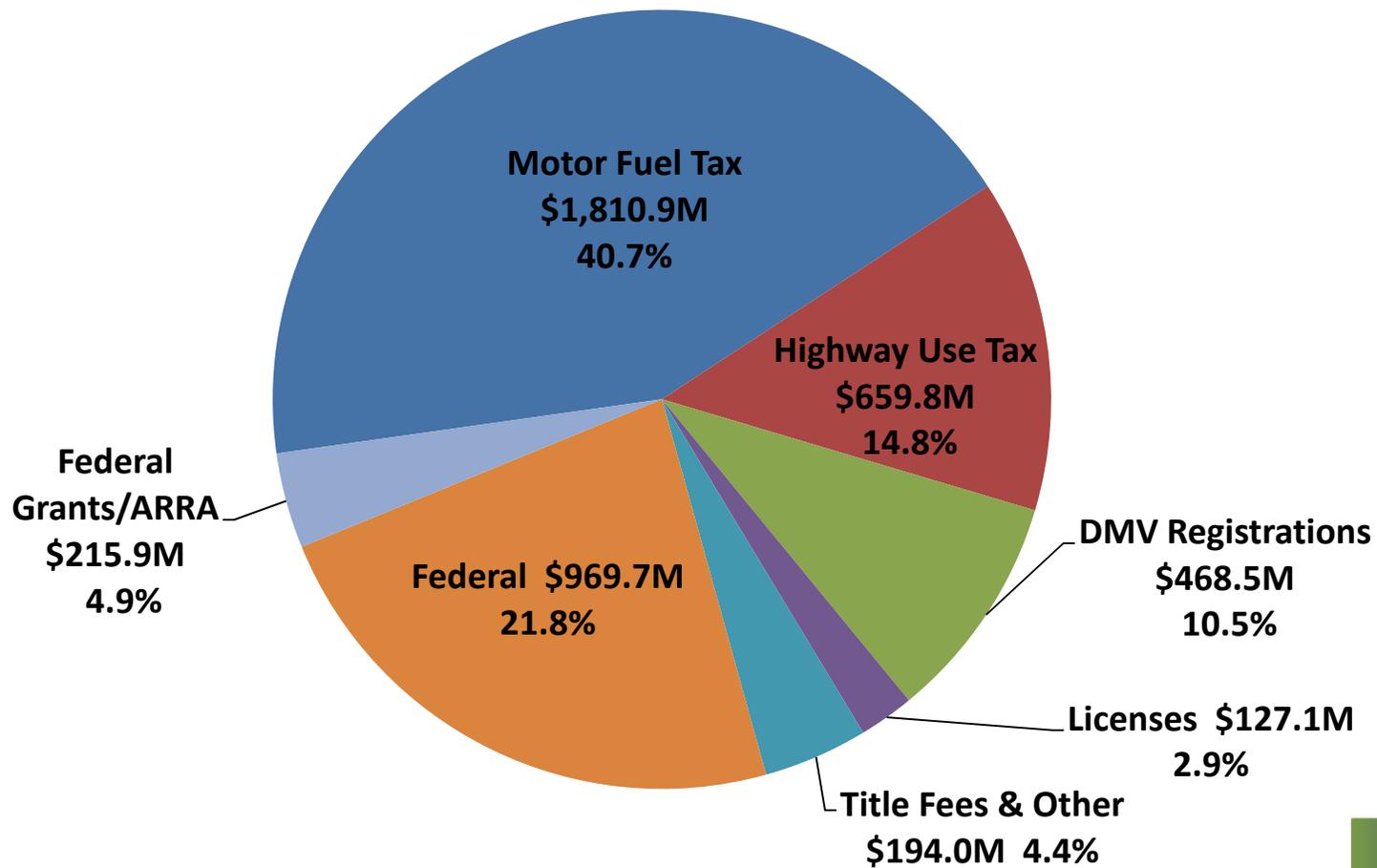


24 Month Cash Model

Cash Projections as of June 2016



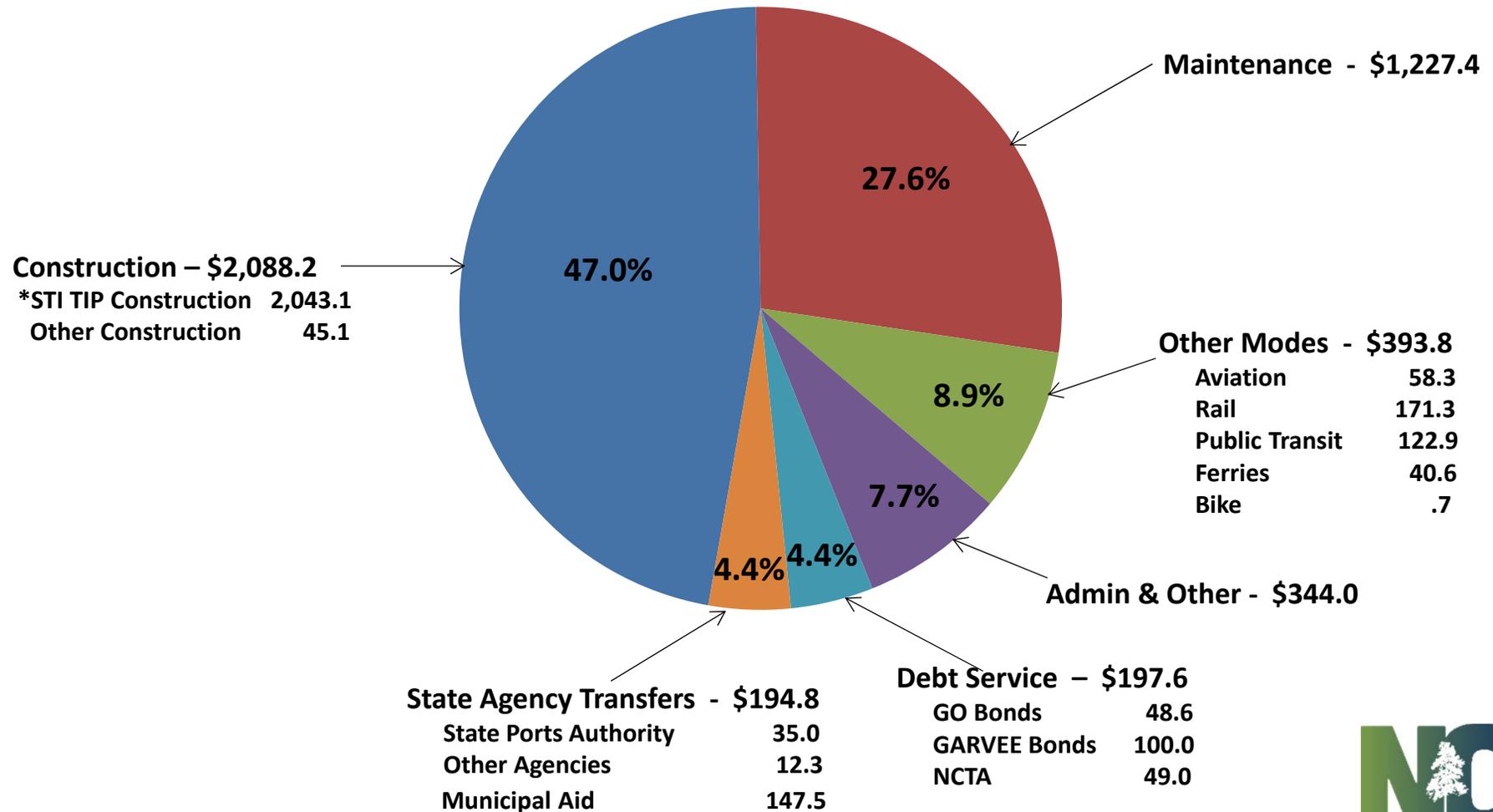
NCDOT Revenue Sources SFY2016 - \$4.4 Billion



Uses of 2015-16 NCDOT Appropriations

Total Funding = \$4.4 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)

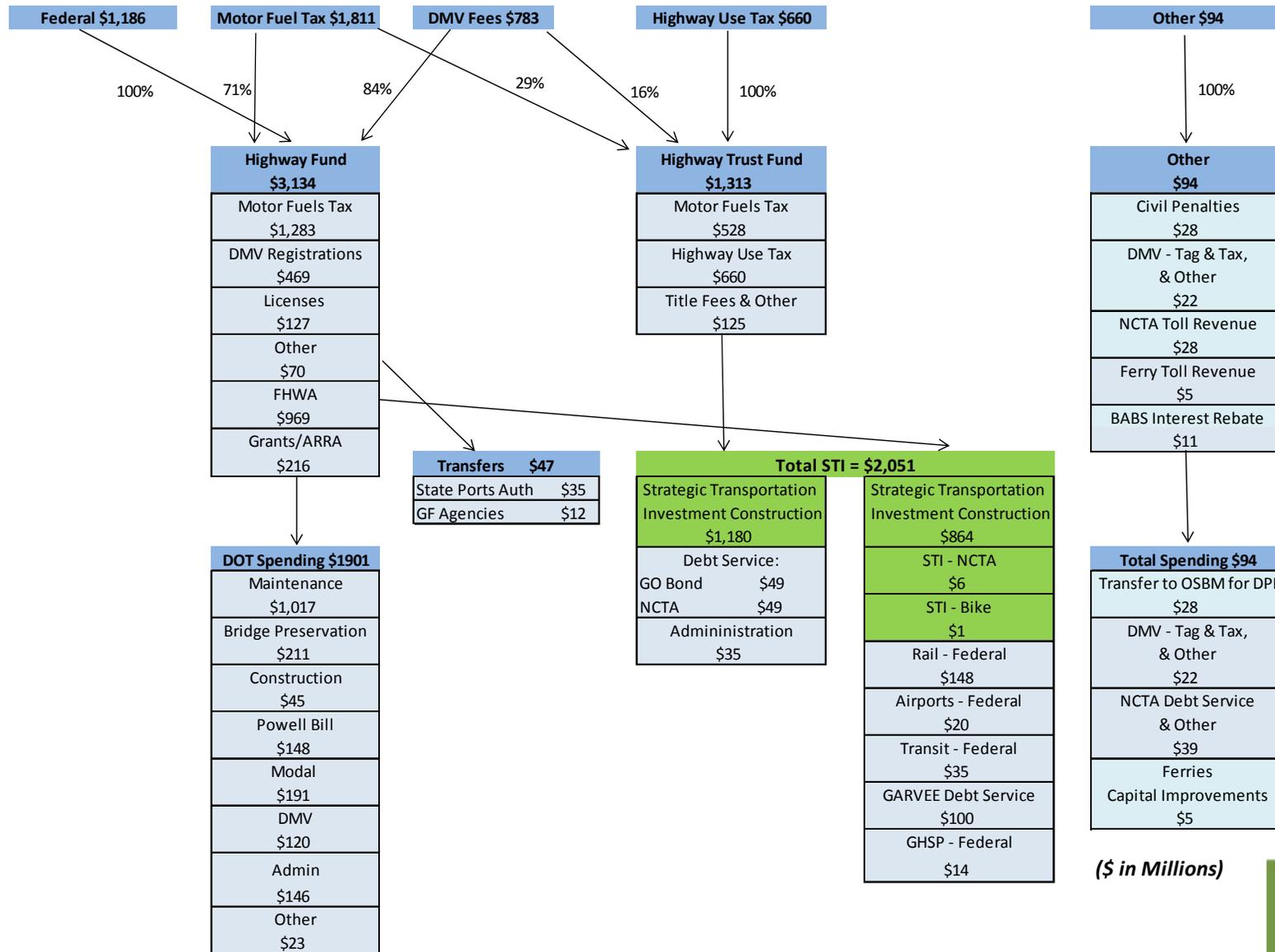


Unaudited Financial Report

Transportation

SFY2016 NCDOT Sources and Uses

Total Funding = \$4.4 Billion



(\$ in Millions)



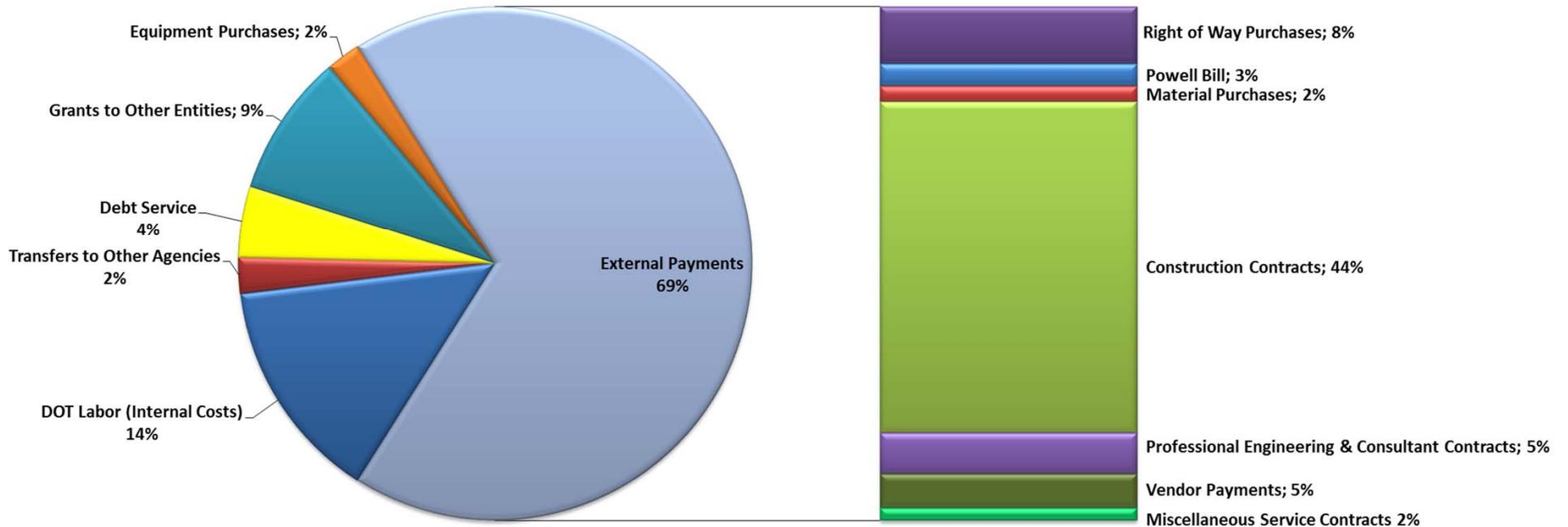
Unaudited Financial Report

Transportation

(Includes Receipt Supported Funding of \$0.1B)

NCDOT Expenditures

SFY2016 as of June 30, 2016



History of Outsourcing

Construction, PE & Maintenance

Direct Payments to Contractors – from Accounting System

LetMonth	2012	2013	2014	2015	2016
July	\$ 448,407,234.80	\$ 185,312,013.66	\$ 176,706,305.23	\$ 113,391,639.12	\$ 110,449,013.36
August	138,357,208.50	289,393,675.95	89,999,231.25	\$ 219,184,446.85	\$ 152,542,311.89
September	158,308,729.59	166,861,142.45	410,603,468.53	\$ 63,613,868.21	\$ 191,800,924.50
October	140,842,886.18	110,471,922.48	130,520,847.46	\$ 259,030,359.39	\$ 82,995,370.73
November	134,024,782.15	67,494,301.44	165,491,329.33	\$ 416,878,346.74	\$ 95,959,500.79
December	92,793,922.73	159,071,326.49	131,252,531.08	\$ 113,550,459.34	\$ 66,336,521.82
January	356,408,776.77	104,084,869.28	359,662,160.77	\$ 101,068,086.75	\$ 104,030,844.19
February	246,292,023.88	164,653,616.54	160,656,840.86	\$ 164,659,003.95	\$ 322,487,414.70
March	223,848,754.38	285,956,557.24	115,534,131.67	\$ 274,440,078.10	\$ 175,123,195.32
April	173,734,294.47	125,968,286.35	472,735,059.92	\$ 126,678,089.12	\$ 125,138,625.62
May	202,516,469.42	186,589,420.50	127,483,945.94	\$ 554,770,633.05	\$ 138,164,702.00
June	341,428,007.73	103,102,151.15	309,412,638.16	\$ 329,038,815.45	\$ 278,680,918.35
Total	\$ 2,656,963,090.58	\$ 1,948,959,283.52	\$ 2,650,058,490.20	\$ 2,736,303,826.06	\$ 1,843,709,343.28



Unaudited Financial Report

Transportation

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 1

* R-5781	VARIOUS, DIVISION 1 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
BERTIE	ALTERNATIVES PROGRAM.			\$340,000	
CAMDEN	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
CHOWAN	<u>PROGRAMMED.</u>				
CURRITUCK					
DARE					
GATES					
HERTFORD					
HYDE					
MARTIN					
NORTHAMPTON					
PASQUOTANK					
PERQUIMANS					
TYRRELL					
WASHINGTON					
PROJ.CATEGORY					
DIVISION					

DIVISION 2

* R-5782	VARIOUS, DIVISION 2 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
BEAUFORT	ALTERNATIVES PROGRAM.			\$340,000	
CARTERET	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
CRAVEN	<u>PROGRAMMED.</u>				
GREENE					
JONES					
LENOIR					
PAMLICO					
PITT					
PROJ.CATEGORY					
DIVISION					

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 3

* R-5783	VARIOUS, DIVISION 3 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
BRUNSWICK	ALTERNATIVES PROGRAM.			\$340,000	
DUPLIN	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
NEW HANOVER	<u>PROGRAMMED.</u>				
ONSLow					
PENDER					
SAMPSON					
PROJ.CATEGORY					
DIVISION					

DIVISION 4

P-5711	CSX A LINE, CONSTRUCT FREIGHT RAIL AND
EDGEComBE	INTERMODAL TERMINAL INFRASTRUCTURE (CCX)
NASH	ALONG NATIONAL GATEWAY CORRIDOR.
PROJ.CATEGORY	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>
STATEWIDE	<u>STUDY ONLY.</u>

* R-5784	VARIOUS, DIVISION 4 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
EDGEComBE	ALTERNATIVES PROGRAM.			\$340,000	
HALIFAX	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
JOHNSTON	<u>PROGRAMMED.</u>				
NASH					
WAYNE					
WILSON					
PROJ.CATEGORY					
DIVISION					

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REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 5

* R-5785	VARIOUS, DIVISION 5 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
DURHAM	ALTERNATIVES PROGRAM.			\$340,000	
FRANKLIN	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
GRANVILLE	<u>PROGRAMMED.</u>				
PERSON					
VANCE					
WAKE					
WARREN					
PROJ.CATEGORY					
DIVISION					

DIVISION 6

* R-5786	VARIOUS, DIVISION 6 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
BLADEN	ALTERNATIVES PROGRAM.			\$340,000	
COLUMBUS	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
CUMBERLAND	<u>PROGRAMMED.</u>				
HARNETT					
ROBESON					
PROJ.CATEGORY					
DIVISION					

DIVISION 7

* R-5787	VARIOUS, DIVISION 7 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
ALAMANCE	ALTERNATIVES PROGRAM.			\$340,000	
CASWELL	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
GUILFORD	<u>PROGRAMMED.</u>				
ORANGE					
ROCKINGHAM					
PROJ.CATEGORY					
DIVISION					

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REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 8

* R-5788	VARIOUS, DIVISION 8 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
CHATHAM	ALTERNATIVES PROGRAM.			\$340,000	
HOKE	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
LEE	<u>PROGRAMMED.</u>				
MONTGOMERY					
MOORE					
RANDOLPH					
RICHMOND					
SCOTLAND					
PROJ.CATEGORY					
DIVISION					

DIVISION 9

* R-5789	VARIOUS, DIVISION 9 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
DAVIDSON	ALTERNATIVES PROGRAM.			\$340,000	
DAVIE	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
FORSYTH	<u>PROGRAMMED.</u>				
ROWAN					
STOKES					
PROJ.CATEGORY					
DIVISION					

DIVISION 10

* R-5790	VARIOUS, DIVISION 10 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
ANSON	ALTERNATIVES PROGRAM.			\$340,000	
CABARRUS	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
MECKLENBURG	<u>PROGRAMMED.</u>				
STANLY					
UNION					
PROJ.CATEGORY					
DIVISION					

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REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 11

* R-5791	VARIOUS, DIVISION 11 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
ALLEGHANY	ALTERNATIVES PROGRAM.			\$340,000	
ASHE	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
AVERY	<u>PROGRAMMED.</u>				
CALDWELL					
SURRY					
WATAUGA					
WILKES					
YADKIN					
PROJ.CATEGORY					
DIVISION					

DIVISION 12

* R-5792	VARIOUS, DIVISION 12 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
ALEXANDER	ALTERNATIVES PROGRAM.			\$340,000	
CATAWBA	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
CLEVELAND	<u>PROGRAMMED.</u>				
GASTON					
IREDELL					
LINCOLN					
PROJ.CATEGORY					
DIVISION					

DIVISION 13

* R-5793	VARIOUS, DIVISION 13 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
BUNCOMBE	ALTERNATIVES PROGRAM.			\$340,000	
BURKE	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
MADISON	<u>PROGRAMMED.</u>				
MCDOWELL					
MITCHELL					
RUTHERFORD					
YANCEY					
PROJ.CATEGORY					
DIVISION					

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 14

* R-5780	SR 1345 (NORTH MILLS RIVER RD), NC 280 TO END OF	ENGINEERING	FY 2016 -	\$4,000	(FLAP)
HENDERSON	PAVEMENT. RESURFACE.		FY 2016 -	\$1,000	(S(M))
PROJ.CATEGORY	<u>ADD ENGINEERING IN FY 16 AND CONSTRUCTION IN</u>	CONSTRUCTION	FY 2017 -	\$463,000	(FLAP)
EXEMPT	<u>FY 17 NOT PREVIOUSLY PROGRAMMED. THIS IS A</u>		FY 2017 -	\$116,000	(S(M))
	<u>FEDERAL LANDS ACCESS PROGRAM (FLAP) PROJECT.</u>			\$584,000	

* R-5794	VARIOUS, DIVISION 14 TRANSPORTATION	CONSTRUCTION	FY 2016 -	\$340,000	(TAP)
CHEROKEE	ALTERNATIVES PROGRAM.			\$340,000	
CLAY	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
GRAHAM	<u>PROGRAMMED.</u>				
HAYWOOD					
HENDERSON					
JACKSON					
MACON					
POLK					
SWAIN					
TRANSYLVANIA					
PROJ.CATEGORY					
DIVISION					

STATEWIDE

* B-9000DIV	BRIDGE INSPECTION PROGRAM.	IMPLEMENTATION	FY 2017 -	\$3,300,000	(STBG)
STATEWIDE	<u>THIS PROJECT WILL REPLACE B-9999DIV.</u>		FY 2018 -	\$3,300,000	(STBG)
PROJ.CATEGORY			FY 2019 -	\$3,300,000	(STBG)
DIVISION			FY 2020 -	\$3,300,000	(STBG)
				\$13,200,000	

* B-9000REG	BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2017 -	\$3,300,000	(STBG)
STATEWIDE	<u>THIS PROJECT WILL REPLACE B-9999REG.</u>		FY 2018 -	\$3,300,000	(STBG)
PROJ.CATEGORY			FY 2019 -	\$3,300,000	(STBG)
REGIONAL			FY 2020 -	\$3,300,000	(STBG)
				\$13,200,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

STATEWIDE

* B-9000SW	BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2017 -	\$4,400,000	(STBG)
STATEWIDE	<u>THIS PROJECT WILL REPLACE B-9999SW.</u>		FY 2018 -	\$4,400,000	(STBG)
PROJ.CATEGORY			FY 2019 -	\$4,400,000	(STBG)
STATEWIDE			FY 2020 -	\$4,400,000	(STBG)
				<u>\$17,600,000</u>	

STIP MODIFICATIONS

DIVISION 3

EB-5543	SR 1403 (MIDDLE SOUND LOOP ROAD), OGDEN	CONSTRUCTION	FY 2017 -	\$165,000	(DP)
NEW HANOVER	ELEMENTARY SCHOOL TO SR 1986 (OYSTER DRIVE).		FY 2017 -	\$41,000	(L)
PROJ.CATEGORY	CONSTRUCT MULTI-USE PATH.			<u>\$206,000</u>	
TRANSITION	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u>				

U-4751A	LENDIRE ROAD, LENDIRE ROAD, WEST OF US 17	CONSTRUCTION	FY 2017 -	\$1,000,000	(T)
NEW HANOVER	BUSINESS (MARKET STREET) TO US 17 BUSINESS			<u>\$1,000,000</u>	
PROJ.CATEGORY	(MARKET STREET)/SR 1403 (MIDDLE SOUND LOOP				
STATEWIDE	ROAD). REALIGN ROADWAY.				
	<u>TO ALLOW ADDITIONAL TIME FOR UTILITY RELOCATIONS, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u>				

DIVISION 4

* I-5111REG	I-40, WAKE COUNTY LINE TO NC 42	RIGHT-OF-WAY	FY 2018 -	\$15,000,000	(NHP)
JOHNSTON	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2018 -	\$9,990,000	(NHP)
PROJ.CATEGORY	<u>THRESHOLDS</u>		FY 2019 -	\$9,990,000	(NHP)
REGIONAL			FY 2020 -	\$9,990,000	(NHP)
			FY 2021 -	\$9,990,000	(NHP)
				<u>\$54,960,000</u>	

DIVISION 5

C-5527	SR 1229 (SOUTH MAIN STREET), EXISTING SIDEWALK	CONSTRUCTION	FY 2017 -	\$473,000	(CMAQ)
FRANKLIN	TO NC 56 WEST IN LOUISBURG. CONSTRUCT		FY 2017 -	\$118,000	(L)
PROJ.CATEGORY	SIDEWALK.			<u>\$591,000</u>	
EXEMPT	<u>AT THE REQUEST OF THE TOWN FOR ADDITIONAL TIME TO COMPLETE THE R/W PHASE, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>				

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

* I-5111SW WAKE PROJ.CATEGORY STATEWIDE	I-40, I-440 / US 64 (EXIT 301) TO JOHNSTON COUNTY LINE <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$20,000,000 (NHP) FY 2018 - \$45,510,000 (NHP) FY 2019 - \$45,510,000 (NHP) FY 2020 - \$45,510,000 (NHP) FY 2021 - \$45,510,000 (NHP) \$202,040,000
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* U-4727 CHATHAM DURHAM ORANGE PROJ.CATEGORY DIVISION	VARIOUS, DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (DCHCMPO) PLANNING ALLOCATION AND UNIFIED WORK PROGRAM. <u>ADD PLANNING FUNDS IN FY 16 AND FY 17 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF MPO.</u>	PLANNING	FY 2016 - \$1,666,000 (STBGDA) FY 2016 - \$417,000 (L) FY 2017 - \$1,873,000 (STBGDA) FY 2017 - \$468,000 (L) \$4,424,000
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U-5317 WAKE PROJ.CATEGORY DIVISION	NORTH JUDD PARKWAY, NC 55 (NORTH BROAD STREET) TO NC 42 (WEST ACADEMY STREET) IN FUQUAY-VARINA, WAKE COUNTY. MULTILANE FACILITY ON NEW LOCATION. <u>TO ALLOW TIME TO COMPLETE THE DESIGN PHASE, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - \$2,950,000 (STBGDA) FY 2017 - \$2,600,000 (L) FY 2017 - \$650,000 (L) FY 2018 - \$18,800,000 (L) \$25,000,000
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* W-5522 WAKE PROJ.CATEGORY DIVISION	SR 1656 (TRINITY ROAD), SR 1658 (YOUTH CENTER DRIVE) INTERSECTION IN RALEIGH. CONSTRUCT PEDESTRIAN TUNNEL UNDER SR 1656 (TRINITY ROAD). <u>TO ALLOW TIME FOR STAKEHOLDER MEETINGS AND OTHER PRECONSTRUCTION ACTIVITIES, AND TO ACQUIRE R/W AND RELOCATE UTILITIES, ADD RIGHT- OF-WAY IN FY 18 NOT PREVIOUSLY PROGRAMMED, AND DELAY CONSTRUCTION FROM FY 17 TO FY 19</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$300,000 (HSIP) FY 2019 - \$3,200,000 (HSIP) \$3,500,000
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DIVISION 6

EB-4539BC CUMBERLAND PROJ.CATEGORY TRANSITION	CAPE FEAR RIVER GREENWAY IN FAYETTEVILLE, NORTH OF CSX RAIL LINE TO SOUTH OF CSX RAIL LINE. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u>	CONSTRUCTION	FY 2017 - \$600,000 (TAP) FY 2017 - \$150,000 (L) \$750,000
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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 7

B-5351	US 29 / US 70 / BUSINESS 85, REPLACE BRIDGE 400237	RIGHT-OF-WAY	FY 2018 -	\$537,000	(HFB)
GUILFORD	AND BRIDGE 400242 OVER DEEP RIVER IN HIGH POINT.	CONSTRUCTION	FY 2019 -	\$6,895,000	(HFB)
PROJ.CATEGORY	<u>TO ALLOW TIME TO COMPLETE THE ENVIRONMENTAL</u>			\$7,432,000	
HWY FUNDS	<u>DOCUMENT, COMPLETE THE RW PHASE AND</u>				
	<u>CONSTRUCTION PLANS, DELAY RIGHT-OF-WAY FROM</u>				
	<u>FY 17 TO FY 18, AND CONSTRUCTION FROM FY 18 TO</u>				
	<u>FY 19</u>				

* U-5864	SR 1595 / SR 4053, I-85 IN TRINITY TO TO SR 1961				
GUILFORD	(WEST MARKET CENTER DRIVE) IN HIGH POINT.				
RANDOLPH	WIDEN TO MULTILANES.				
PROJ.CATEGORY	<u>PROJECT EXPANDED TO INCORPORATE SCOPE OF U-</u>				
DIVISION	<u>5894 FOR PLANNING / ENVIRONMENTAL STUDY. SEE</u>				
	<u>PROJECT BREAKS BELOW FOR SCHEDULES AND</u>				
	<u>FUNDING.</u>				

* U-5864A	SR 1595 / SR 4053 (SURRETT DRIVE), I-85 IN TRINITY	RIGHT-OF-WAY	FY 2020 -	\$2,517,000	(T)
GUILFORD	TO TO SR 1300 (WEST FAIRFIELD ROAD) IN HIGH	UTILITIES	FY 2020 -	\$302,000	(T)
RANDOLPH	POINT. WIDEN TO MULTILANES.	CONSTRUCTION	FY 2022 -	\$31,920,000	(T)
PROJ.CATEGORY	<u>NEW BREAK ADDED TO REFLECT PRIOR SCOPE OF U-</u>			\$34,739,000	
DIVISION	<u>5864 WITH REVISED NORTHERN TERMINUS.</u>				

* U-5864B	SR 4053 (SURRETT DRIVE), SR 1300 (WEST FAIRFIELD	RIGHT-OF-WAY	FY 2023 -	\$1,066,000	(T)
GUILFORD	ROAD) TO SR 1961 (WEST MARKET CENTER DRIVE) IN	UTILITIES	FY 2023 -	\$128,000	(T)
PROJ.CATEGORY	HIGH POINT. WIDEN TO MULTILANES.	CONSTRUCTION	FY 2025 -	\$5,206,000	(T)
DIVISION	<u>NEW BREAK ADDED TO REFLECT PRIOR SCOPE OF U-</u>		FY 2026 -	\$5,206,000	(T)
	<u>5894 WITH REVISED SOUTHERN TERMINUS.</u>		FY 2027 -	\$5,206,000	(T)
				\$16,812,000	

DIVISION 8

B-5741	SR 1425 (LEE'S MILL ROAD), REPLACE BRIDGE 820030	RIGHT-OF-WAY	FY 2017 -	\$60,000	(HFB)
SCOTLAND	OVER JUNIPER CREEK.	CONSTRUCTION	FY 2024 -	\$588,000	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 17</u>			\$648,000	
HWY FUNDS	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>				

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 8

B-5744	SR 1615 (HASTY ROAD), REPLACE BRIDGE 820050	RIGHT-OF-WAY	FY 2017 -	\$145,000	(HFB)
SCOTLAND	OVER BRIDGE CREEK.	CONSTRUCTION	FY 2021 -	\$1,450,000	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 17</u>			\$1,595,000	
HWY FUNDS	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>				

B-5746	SR 1645 (DIXIE GUANO ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$60,000	(HFB)
SCOTLAND	820043 OVER LEITHS CREEK.	CONSTRUCTION	FY 2024 -	\$575,000	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 17</u>			\$635,000	
HWY FUNDS	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>				

B-5749	SR 1421 (MCINTOSH ROAD), REPLACE BRIDGE 820036	RIGHT-OF-WAY	FY 2017 -	\$130,000	(HFB)
SCOTLAND	OVER BIG SHOE HEEL CREEK.	CONSTRUCTION	FY 2022 -	\$1,300,000	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 17</u>			\$1,430,000	
HWY FUNDS	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>				

B-5755	SR 1406 (ROCKFISH ROAD), REPLACE BRIDGE 460057	RIGHT-OF-WAY	FY 2017 -	\$45,000	(T)
HOKE	OVER PUPPY CREEK.	CONSTRUCTION	FY 2023 -	\$893,000	(T)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 17</u>			\$938,000	
DIVISION	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>				

B-5928	SR 2614 (GRANTVILLE LANE), REPLACE BRIDGE 750175	RIGHT-OF-WAY	FY 2017 -	\$25,000	(HFB)
RANDOLPH	OVER MILL CREEK.	UTILITIES	FY 2017 -	\$50,000	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 17</u>	CONSTRUCTION	FY 2022 -	\$725,000	(HFB)
HWY FUNDS	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>			\$800,000	

DIVISION 9

B-5160	SR 1986 (MT. VERNON ROAD), REPLACE BRIDGE	CONSTRUCTION	FY 2017 -	\$450,000	(STPOFF)
ROWAN	790050 OVER NAILS BRANCH.			\$450,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE R/W</u>				
DIVISION	<u>PHASE, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>				

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REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 9

* C-5158	VARIOUS, CONSTRUCT SIDEWALKS ON KERN STREET, RIGHT-OF-WAY	FY 2017 -	\$4,000	(CMAQ)
ROWAN	SALISBURY AVENUE, CROOK STREET, OAK STREET	FY 2017 -	\$1,000	(L)
PROJ.CATEGORY	AND BALFOUR QUARRY ROAD IN GRANITE QUARRY. CONSTRUCTION	FY 2017 -	\$325,000	(CMAQ)
EXEMPT	<u>AT THE REQUEST OF THE TOWN FOR ADDITIONAL TIME, DELAY RIGHT-OF-WAY FROM FY 15 TO FY 17, AND CONSTRUCTION FROM FY 16 TO FY 17</u>	FY 2017 -	\$81,000	(L)
			\$411,000	

DIVISION 10

* C-5536	CHARLOTTE, MECKLENBURG COUNTY AIR QUALITY - IMPLEMENTATION	FY 2017 -	\$500,000	(CMAQ)
CABARRUS	GRADE (GRANTS TO REPLACE AGING DIESEL	FY 2017 -	\$125,000	(L)
GASTON	ENGINES). REPLACE, REPOWER OR RETROFIT AGING		\$625,000	
IREDELL	DIESEL VEHICLES AND EQUIPMENT.			
LINCOLN	<u>ADD ADDITIONAL FUNDING IN FY 17 AT THE REQUEST OF THE MPO.</u>			
MECKLENBURG				
ROWAN				
UNION				
PROJ.CATEGORY				
EXEMPT				

EB-5775	CORNELIUS, SOUTH PRONG ROCKY RIVER CONSTRUCTION	FY 2017 -	\$840,000	(STBGDA)
MECKLENBURG	GREENWAY (SOUTH STREET - MAIN STREET).	FY 2017 -	\$210,000	(L)
PROJ.CATEGORY	CONSTRUCT GREENWAY.		\$1,050,000	
DIVISION	<u>INCREASE FUNDING FOR CONSTRUCTION BASED ON A REQUEST FROM THE MPO.</u>			

EB-5781	CHARLOTTE, STEWART CREEK GREENWAY, STATE CONSTRUCTION	FY 2018 -	\$1,090,000	(STBGDA)
MECKLENBURG	STREET TO ROZZELLES FERRY ROAD. CONSTRUCT	FY 2018 -	\$273,000	(L)
PROJ.CATEGORY	GREENWAY.		\$1,363,000	
DIVISION	<u>INCREASE FUNDING FOR CONSTRUCTION BASED ON A REQUEST FROM THE MPO.</u>			

* EB-5782	CHARLOTTE, MCALPINE CREEK GREENWAY, GREEN CONSTRUCTION	FY 2019 -	\$1,100,000	(STBGDA)
MECKLENBURG	REA ROAD TO JOHNSTON ROAD. CONSTRUCT	FY 2019 -	\$275,000	(L)
PROJ.CATEGORY	GREENWAY.		\$1,375,000	
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 19 AT THE REQUEST OF THE MPO.</u>			

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

* EB-5784 MECKLENBURG PROJ.CATEGORY DIVISION	CHARLOTTE, IRVINS CREEK GREENWAY, IDLEWILD ROAD TO LAKEVIEW CIRCLE. CONSTRUCT GREENWAY. <u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 19 AT THE REQUEST OF THE MPO.</u>	CONSTRUCTION	FY 2019 - \$879,000 (STBGDA) FY 2019 - <u>\$220,000</u> (L) \$1,099,000
* EB-5785 MECKLENBURG PROJ.CATEGORY DIVISION	HUNTERSVILLE, MCDOWELL CREEK GREENWAY, CHILGROVE LANE TO TORRENCE CREEK GREENWAY. CONSTRUCT GREENWAY. <u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 18 AND ADJUST THE SOUTHERN PROJECT LIMIT FROM SAM FURR ROAD TO CHILGROVE LANE AT THE REQUEST OF THE MPO.</u>	CONSTRUCTION	FY 2018 - \$1,600,000 (STBGDA) FY 2018 - <u>\$400,000</u> (L) \$2,000,000
* EB-5786 MECKLENBURG PROJ.CATEGORY DIVISION	MECKLENBURG COUNTY, LITTLE SUGAR CREEK GREENWAY EXTENSION, RAMBLEWOOD LANE IN CHARLOTTE TO CADILLAC STREET IN PINEVILLE. CONSTRUCT GREENWAY. <u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 17 AND ADJUST THE SOUTHERN PROJECT LIMIT FROM BURNT MILL ROAD TO RAMBLEWOOD LANE AT THE REQUEST OF THE MPO.</u>	CONSTRUCTION	FY 2017 - \$2,200,000 (STBGDA) FY 2017 - <u>\$550,000</u> (L) \$2,750,000
* U-5115 MECKLENBURG PROJ.CATEGORY TRANSITION	MATTHEWS MINT HILL, INTERSECTION OF NC 51 AND IDLEWILD ROAD. CONSTRUCT INTERSECTION IMPROVEMENTS. <u>ADD RIGHT-OF-WAY IN FY 16 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE MPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$300,000 (STBGDA) FY 2016 - \$75,000 (L) FY 2017 - \$1,200,000 (STBGDA) FY 2017 - <u>\$300,000</u> (L) \$1,875,000
U-5874 MECKLENBURG PROJ.CATEGORY DIVISION	NORTH UNIVERSITY RESEARCH PARK I-85 OVERPASS, SR 2722 (LOUIS ROSE PLACE) TO DOUG MAYES PLACE. CONSTRUCT NEW ROUTE. <u>INCREASE FUNDING FOR CONSTRUCTION BASED ON A REQUEST FROM THE MPO.</u>	CONSTRUCTION	FY 2017 - \$7,400,000 (STBGDA) FY 2017 - <u>\$1,850,000</u> (L) \$9,250,000

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 11

* EB-5806	LENOIR, HOSPITAL AVENUE, HARPER AVENUE TO US	ENGINEERING	FY 2016 -	\$240,000	(TAPDA)
CALDWELL	321 (BLOWING ROCK BOULEVARD). CONSTRUCT		FY 2016 -	\$60,000	(L)
PROJ.CATEGORY	SIDEWALK.	RIGHT-OF-WAY	FY 2017 -	\$40,000	(TAPDA)
DIVISION	<u>ADD PRELIMINARY ENGINEERING IN FY 16 AND RIGHT-OF-WAY IN FY 17. TOTAL FUNDING REMAINS THE SAME BECAUSE FUNDING FOR CONSTRUCTION WAS DECREASED. DELAY CONSTRUCTION FROM FY 16 TO FY 19.</u>	CONSTRUCTION	FY 2017 -	\$10,000	(L)
			FY 2019 -	\$520,000	(TAPDA)
			FY 2019 -	\$130,000	(L)
				\$1,000,000	

STATEWIDE

* C-5702B	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY	OTHER	FY 2017 -	\$1,500,000	(CMAQ)
STATEWIDE	CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL		FY 2017 -	\$375,000	(L)
PROJ.CATEGORY	CMAQ-ELIGIBLE COUNTIES.			\$1,875,000	
EXEMPT	<u>PROJECT BREAK ADDED AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>				

* C-5702C	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY	OTHER	FY 2018 -	\$1,500,000	(CMAQ)
STATEWIDE	CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL		FY 2018 -	\$375,000	(L)
PROJ.CATEGORY	CMAQ-ELIGIBLE COUNTIES.			\$1,875,000	
EXEMPT	<u>PROJECT BREAK ADDED AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>				

STIP DELETIONS

DIVISION 5

* C-5169	PARK-AND-RIDE LOT, NORTH CAROLINA STATE	CONSTRUCTION	FY 2016 -	\$277,446	(CMAQ)
WAKE	UNIVERSITY. CONSTRUCT PARKING LOT NEAR NC		FY 2016 -	\$69,362	(L)
PROJ.CATEGORY	STATE UNIVERSITY CENTENNIAL CAMPUS.			\$346,808	
EXEMPT	<u>AT THE REQUEST OF THE UNIVERSITY, AND DUE TO HIGHER THAN EXPECTED COST, PROJECT WAS DELETED</u>				

DIVISION 7

* U-5894	SR 1595 (SURRETT DRIVE), SR 1592 (EDEN TERRACE)	RIGHT-OF-WAY	FY 2023 -	\$1,066,000	(T)
GUILFORD	TO SR 1961 (WEST MARKET CENTER DRIVE) IN HIGH	UTILITIES	FY 2023 -	\$128,000	(T)
RANDOLPH	POINT. WIDEN TO MULTILANES.	CONSTRUCTION	FY 2025 -	\$5,206,000	(T)
PROJ.CATEGORY	<u>PROJECT DELETED - WORK TO BE ACCOMPLISHED UNDER U-5864.</u>		FY 2026 -	\$5,206,000	(T)
DIVISION			FY 2027 -	\$5,206,000	(T)
				\$16,812,000	

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* INDICATES FEDERAL AMENDMENT

NCDOT Board of Transportation Agenda

ITEM C

July 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.
JULY 19, 2016

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ITEM C

SUMMARY OF BIDS FOR CONTRACT C203749 WITH THE CONTRACT TIME BEING BID BY EACH BIDDER

DAILY COST = \$1,500.00 / DAY

MAXIMUM NUMBER OF DAYS ALLOWED = 430

	CONTRACT TIME (CALENDAR DAYS)	CONTRACT AWARD BASIS	ACTUAL CONTRACT AMOUNT
ESTIMATED	215	2,352,703.69	2,030,203.69
THALLE CONSTRUCTION CO., INC.	220	2,989,145.50	2,659,145.50

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

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00005

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ITEM C

C203751
42263.3.1
BRNHS-0070(119)
WAKE
B-5121, B-5317

PROPOSAL LENGTH 0.820 MILES

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

LOCATION BRIDGE #227 ON US-70/US-401/NC-50 OVER PEACE STREET AND BRIDGE #213 ON US-70/NC-50 OVER US-401.

EST CONST PROGRESS.... FY-2017..37% OF BID
FY-2018..35% OF BID
FY-2019..23% OF BID
FY-2020..05% OF BID

RPN 001 4 BIDDER(S) DBE GOAL 12.00 %
ESTIMATE 37,193,345.88

DATE AVAILABLE AUG 29 2016

INTER COMPLETION NOV 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT (INCENTIVE/DISINCENTIVE)

FINAL COMPLETION APR 29 2020

	\$ TOTALS	% DIFF
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	36,902,396.26	-0.8
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	40,494,500.00	+8.9
S T WOOTEN CORPORATION WILSON, NC	49,141,157.78	+32.1
W. C. ENGLISH, INCORPORATED LYNCHBURG, VA	53,694,124.41	+44.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00005

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ITEM C

C203567
34915.3.FR1
STP-55(20)
DURHAM
U-3308

PROPOSAL LENGTH 1.134 MILES

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

LOCATION NC-55 (ALSTON AVE) FROM NC-147 (BUCK DEAN FREEWAY) TO NORTH OF US-70BUS/NC-98 (HOLLOWAY ST).

EST CONST PROGRESS.... FY-2017..37% OF BID
FY-2018..35% OF BID
FY-2019..23% OF BID
FY-2020..05% OF BID

RPN 016 2 BIDDER(S) DBE GOAL 12.00 %

ESTIMATE 34,976,862.30

DATE AVAILABLE AUG 29 2016

INTER COMPLETION NOV 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 29 2020

	\$ TOTALS	% DIFF
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	39,756,916.81	+13.7
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	40,523,000.00	+15.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00006

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ITEM C

C203659
33727.3.FS1
BRNHS-0024(24)
CUMBERLAND
B-4490

PROPOSAL LENGTH 0.649 MILES

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

LOCATION BRIDGE #116 OVER CSX RAILROAD AND HILLSBORO ST ON NC-24/210.

EST CONST PROGRESS.... FY-2017..32% OF BID
FY-2018..37% OF BID
FY-2019..25% OF BID
FY-2020..06% OF BID

RPN 003 3 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 20,668,719.50

DATE AVAILABLE NOV 01 2016

INTER COMPLETION NOV 15 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT.

FINAL COMPLETION MAY 13 2020

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	25,232,140.73	+22.1
W. C. ENGLISH, INCORPORATED LYNCHBURG, VA	27,394,979.38	+32.5
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	27,652,779.86	+33.8

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 JULY 19, 2016
 DIVISION 00006

C203895
 45647.3.1, 45660.3.1
 STATE FUNDED
 ROBESON, BLADEN, CUMBERLAND
 B-5693, ETC

PROPOSAL LENGTH 0.680 MILES

TYPE OF WORK EXPRESS DESIGN BUILD.

LOCATION REPLACEMENT OF 1 BRIDGE CUMBERLAND COUNTY, 2 BRIDGES IN BLADEN COUNTY, AND 4 BRIDGES IN ROBESON COUNTY.

EST CONST PROGRESS.... FY-2017..38% OF BID
 FY-2018..35% OF BID
 FY-2019..23% OF BID
 FY-2020..04% OF BID

RPN 017 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
 ESTIMATE 8,394,190.05

DATE AVAILABLE AUG 29 2016

FINAL COMPLETION OCT 15 2019

	\$ TOTALS	% DIFF
* SMITH-ROWE, LLC MOUNT AIRY, NC	5,487,873.50	-34.6
* BID EXECUTED IMPROPERLY		
* APPROPRIATE TITLE NOT SELECTED		
E.S. WAGNER COMPANY, LLC - SOUTH CA PIEDMONT, SC	5,550,215.00	-33.9
SANFORD CONTRACTORS, INC. SANFORD, NC	5,628,500.00	-32.9
S T WOOTEN CORPORATION WILSON, NC	5,762,420.00	-31.4
DANE CONSTRUCTION, INC. MOORESVILLE, NC	7,014,925.00	-16.4

* DENOTES IRREGULAR BID

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00007

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*RELET FROM MAY 17 2016

* C203901
52010.3.1, 53005.3.1
NHPP-0040(6)208, NHPIM-0040(7)208
GUILFORD
I-5734, I-5762

PROPOSAL LENGTH 7.093 MILES

TYPE OF WORK PAVEMENT REHABILITATION.

LOCATION I-40 FROM FORSYTH COUNTY LINE TO 1.1 MILE EAST OF SR-1556 (GALLIMORE DAIRY RD) IN GREENSBORO.

EST CONST PROGRESS.... FY-2017..56% OF BID
FY-2018..40% OF BID
FY-2019..04% OF BID

RPN 004 2 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 6,218,236.04

DATE AVAILABLE AUG 29 2016

FINAL COMPLETION SEP 01 2018

	\$ TOTALS	% DIFF
PENHALL COMPANY ANAHEIM, CA	7,213,907.55	+16.0
INTERSTATE IMPROVEMENT, INC. FARIBAULT, MN	8,198,485.16	+31.8

MAY 17, 2016 LETTING

52010.3.1, ETC
NHPP-0040(6)208
NHPIM-0040(7)208
GUILFORD
I-5734
I-5762
RPN 008

PAVEMENT REHABILITATION.

DATE AVAILABLE JUN 27 2016
FINAL COMPLETION JUL 01 2018

ENGINEER'S ESTIMATE

\$5,949,262.94

PENHALL COMPANY ANAHEIM, CA
INTERSTATE IMPROVEMENT, INC. FARIBAULT, MN

\$ TOTALS	% DIFF
8,230,315.17	+38.3
8,465,139.39	+42.3

JULY 19, 2016 LETTING

52010.3.1, ETC
NHPP-0040(6)208
NHPIM-0040(7)208
GUILFORD
I-5734
I-5762
RPN 004

PAVEMENT REHABILITATION.

DATE AVAILABLE AUG 29 2016
FINAL COMPLETION SEP 01 2018

ENGINEER'S ESTIMATE

\$6,218,236.04

PENHALL COMPANY ANAHEIM, CA
INTERSTATE IMPROVEMENT, INC. FARIBAULT, MN

\$ TOTALS	% DIFF
7,213,907.55	+16.0
8,198,485.16	+31.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00008

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C203896
2017CPT.08.01.10631, 2017CPT.08.01.20631, 44329.3.1
STATE FUNDED
MOORE
SS-4908AS

PROPOSAL LENGTH 37.788 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 4 SECTIONS OF US-1, 1 SECTION OF NC-690, 2 SECTIONS OF NC-5, AND 12 SECTIONS OF SECONDARY ROADS.

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

RPN 005 2 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 5.00%
ESTIMATE 5,553,878.91

DATE AVAILABLE AUG 29 2016

FINAL COMPLETION JUN 30 2017

	\$ TOTALS	% DIFF
RILEY PAVING INC CARTHAGE, NC	5,348,172.94	-3.7
S T WOOTEN CORPORATION WILSON, NC	5,968,540.38	+7.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00008

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C203893

2017CPT.08.02.10621, 2017CPT.08.02.10761, 2017CPT.08.02.20621, 2017CPT.08.02.20761

STATE FUNDED

MONTGOMERY, RANDOLPH

PROPOSAL LENGTH 44.370 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-24/27, NC-73, US-220 BUSINESS & NC-49, AND 21 SECTIONS OF SECONDARY ROADS.

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

RPN 006 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 4,815,916.65

DATE AVAILABLE AUG 29 2016

FINAL COMPLETION JUN 30 2017

	\$ TOTALS	% DIFF
RILEY PAVING INC CARTHAGE, NC	5,200,428.04	+8.0
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	5,444,662.74	+13.1
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	5,488,490.40	+14.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00008

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C203890
2017CPT.08.03.10771, 2017CPT.08.03.20771
STATE FUNDED
RICHMOND

PROPOSAL LENGTH 17.520 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-38 & NC-381, AND 15 SECTIONS OF SECONDARY ROADS.

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

RPN 007 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 2,429,653.19

DATE AVAILABLE SEP 12 2016

FINAL COMPLETION JUN 30 2017

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	2,517,678.04	+3.6
HUDSON PAVING, INC. ROCKINGHAM, NC	2,721,276.06	+12.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00009

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*RELET FROM MAY 17 2016

* C203899
50080.3.FD1
HSIP-4315(2)
FORSYTH
W-5510

PROPOSAL LENGTH 0.312 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.

LOCATION SR-4315 (SOUTH MAIN STREET) FROM I-40 BUSINESS RAMP TO SR-4278 (SOUTH CHERRY STREET) & SR-2648 (OLD WINSTON ROAD).

EST CONST PROGRESS.... FY-2017..59% OF BID
FY-2018..41% OF BID

RPN 008 3 BIDDER(S) DBE GOAL 14.00 %

ESTIMATE 3,635,724.97

DATE AVAILABLE AUG 29 2016

INTER COMPLETION JUL 01 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT

DEC 01 2017 COMPLETE THE WORK REQUIRED OF PHASE III, STEP #3.

FINAL COMPLETION DEC 28 2018

	\$ TOTALS	% DIFF
YATES CONSTRUCTION CO., INC. STOKESDALE, NC	4,040,542.96	+11.1
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	4,366,909.94	+20.1
BRANCH HIGHWAYS, INC. ROANOKE, VA	4,607,101.00	+26.7

MAY 17, 2016 LETTING

50080.3.FD1
HSIP-4315(2)
FORSYTH
W-5510
RPN 009

GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.

DATE AVAILABLE JUN 27 2016
FINAL COMPLETION OCT 28 2018

ENGINEER'S ESTIMATE

\$3,387,608.15

YATES CONSTRUCTION CO., INC. STOKESDALE, NC
BLYTHE CONSTRUCTON, INC. CHARLOTTE, NC

\$ TOTALS	% DIFF
3,984,210.29	+17.6
4,397,228.00	+29.8

JULY 19, 2016 LETTING

50080.3.FD1
HSIP-4315(2)
FORSYTH
W-5510
RPN 008

GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.

DATE AVAILABLE AUG 29 2016
FINAL COMPLETION DEC 28 2018

ENGINEER'S ESTIMATE

\$3,635,724.97

YATES CONSTRUCTION CO., INC. STOKESDALE, NC
BLYTHE CONSTRUCTON, INC. CHARLOTTE, NC
BRANCH HIGHWAYS, INC. ROANOKE, VA

\$ TOTALS	% DIFF
4,040,542.96	+11.1
4,366,909.94	+20.1
4,607,101.00	+26.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00010

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*RELET FROM APRIL 19 2016

* C203889
42265.3.1
STATE FUNDED
CABARRUS
B-5123

PROPOSAL LENGTH 0.322 MILES

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

LOCATION BRIDGE #14 & #19 OVER ROCKY RIVER AND ACCESS ROAD ON US-29.

EST CONST PROGRESS.... FY-2017..40% OF BID
FY-2018..37% OF BID
FY-2019..22% OF BID
FY-2020..01% OF BID

RPN 009 4 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 7,656,918.54

DATE AVAILABLE SEP 01 2016

INTER COMPLETION AUG 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 28 2020

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	8,166,996.95	+6.7
SMITH-ROWE, LLC MOUNT AIRY, NC	8,542,715.88	+11.6
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	9,393,213.83	+22.7
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	9,462,946.68	+23.6

APRIL 19, 2016 LETTING

42265.3.1
STATE FUNDED
CABARRUS
B-5123
RPN 006

GRADING, DRAINAGE, PAVING & STRUCTURES.

DATE AVAILABLE SEP 01 2016
FINAL COMPLETION JAN 28 2020

ENGINEER'S ESTIMATE

\$7,107,750.89

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	8,143,154.07	+14.6
SMITH-ROWE, LLC MOUNT AIRY, NC	8,989,417.67	+26.5
HRI INC DBA HRI BRIDGE COMPANY STATE COLLEGE, PA	9,088,213.39	+27.9
DANE CONSTRUCTION, INC. MOORESVILLE, NC	9,472,322.11	+33.3
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	9,478,974.47	+33.4
LEE CONSTURCTION COMPANY OF THE CAROLINAS, INC. PINEVILLE, NC	9,659,976.90	+35.9

JULY 19, 2016 LETTING

42265.3.1
STATE FUNDED
CABARRUS
B-5123
RPN 009

GRADING, DRAINAGE, PAVING & STRUCTURES.

DATE AVAILABLE SEP 01 2016
FINAL COMPLETION JAN 28 2020

ENGINEER'S ESTIMATE

\$7,656,918.54

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	8,166,996.95	+6.7
SMITH-ROWE, LLC MOUNT AIRY, NC	8,542,715.88	+11.6
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	9,393,213.83	+22.7
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	9,462,946.68	+23.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00012

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C203874
46426.3.1
NHPIM-0085(025)
GASTON
I-5893

PROPOSAL LENGTH 8.100 MILES
TYPE OF WORK PAVEMENT REHABILITATION.
LOCATION I-85 FROM MM-13.9 TO MM-22.

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

RPN 010 2 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 7,495,748.00

DATE AVAILABLE AUG 29 2016
INTER COMPLETION JUN 01 2017 COMPLETE ALL WORK REQUIRED FROM MM 13.9 TO MM 18, INCLUDING
RAMPS & LOOPS.
FINAL COMPLETION NOV 01 2017

	\$ TOTALS	% DIFF
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	7,928,818.15	+5.8
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	9,071,735.19	+21.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00013

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C203891
2017CPT.13.01.10111, 2017CPT.13.01.20111, 2017CPT.13.01.20112
STATE FUNDED
BUNCOMBE

PROPOSAL LENGTH 86.590 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF US-19, US-70 & NC-251, AND 77 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
FY-2018..36% OF BID

RPN 011 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 7,361,695.04

DATE AVAILABLE MAR 15 2017

INTER COMPLETION JUL 31 2017 COMPLETE ALL WORK REQUIRED FOR MAPS 4 & 38

FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNOXVILLE TN	9,499,514.00	+29.0
ROGERS GROUP INC NASHVILLE, TN	10,682,538.10	+45.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00013

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C203897
2017CPT.13.03.10571, 2017CPT.13.03.20571, 2017CPT.13.03.20572
STATE FUNDED
MADISON

PROPOSAL LENGTH 42.940 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-63, US-25/70 BUSINESS, NC-251, US-25/70 & NC-213, AND 20 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
FY-2018..36% OF BID

RPN 012 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%
ESTIMATE 3,977,923.00

DATE AVAILABLE MAR 15 2017

INTER COMPLETION JUL 31 2017 COMPLETE ALL WORK REQUIRED ON MAP 4

FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNOXVILLE TN	4,083,339.03	+2.7
ROGERS GROUP INC NASHVILLE, TN	4,884,130.25	+22.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00013

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C203894
2017CPT.13.04.10591, 2017CPT.13.04.20591, 2017CPT.13.04.20592
STATE FUNDED
MCDOWELL

PROPOSAL LENGTH 39.460 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF US-64 & NC-226, 2 SECTIONS OF US-221, AND 21 SECTIONS OF
SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
FY-2018..36% OF BID

RPN 013 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 3.00%
ESTIMATE 3,694,793.43

DATE AVAILABLE MAR 15 2017

FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	3,439,286.82	-6.9
ROGERS GROUP INC NASHVILLE, TN	4,652,717.78	+25.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 19, 2016
DIVISION 00013

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C203892
2017CPT.13.05.10611, 2017CPT.13.05.20611, 2017CPT.13.05.20612
STATE FUNDED
MITCHELL

PROPOSAL LENGTH 24.250 MILES

TYPE OF WORK MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-226, US-19E & NC-197, AND 20 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
FY-2018..36% OF BID

RPN 014 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 1,782,704.17

DATE AVAILABLE MAR 15 2017

INTER COMPLETION JUL 31 2017 COMPLETE ALL WORK REQUIRED FOR MAPS 1, 4, & 5

FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	1,712,770.99	-3.9
ROGERS GROUP INC NASHVILLE, TN	1,919,743.94	+7.7

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 JULY 19, 2016
 DIVISION 00013

C203898
 2017CPT.13.06.10811, 2017CPT.13.06.20811, 2017CPT.13.06.20812
 STATE FUNDED
 RUTHERFORD

PROPOSAL LENGTH 59.870 MILES
 TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
 LOCATION US-74 A FROM US-221 ALT TO US-74 AND 39 SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
 FY-2018..36% OF BID

RPN 015 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%
 ESTIMATE 6,114,014.86

DATE AVAILABLE MAR 15 2017
 INTER COMPLETION JUL 31 2017 COMPLETE ALL WORK REQUIRED FOR MAP #5
 FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNOXVILLE TN	5,850,446.38	-4.3
ROGERS GROUP INC NASHVILLE, TN	6,463,728.98	+5.7

	ESTIMATE TOTAL	164,000,528.22
	LETTING TOTAL	174,555,098.40 +6.4

NCDOT August 2016
Board of Transportation Agenda

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

Professional Services Management

Technical Services

Roadway Design

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

DIVISION 9

Project:	34839.1.7 (U-2579AA) Forsyth County Winston-Salem Northern Beltway Eastern section (Future I-74) from US 311 to I-40
Scope of Work:	Prepare Right of Way and Let Plans
Estimated Construction Cost:	\$85,180,000.00
Firm:	Vaughn & Melton Consulting Engineers, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. \$525,000.00 35%
Project:	34839.1.8 (U-2579AB) Forsyth County Winston-Salem Northern Beltway Eastern section (Future I-74) from I-40 to I-40 Business/US 421
Scope of Work:	Prepare Right of Way and Let Plans
Estimated Construction Cost:	\$174,830,000.00
Firm:	HDR Engineering Inc. of the Carolinas, Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	0%

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

DIVISION 6

Project: 34817.1.S5 (U-2519AA) Robeson County
Fayetteville – Outer Loop from I-95 to south of
SR 1118 (Parkton Road)

Scope of Work: Prepare Right of Way and Let Plans

Estimated Construction Cost: \$50,700,000.00

Firm: AECOM Technical Services of North Carolina,
Inc., Raleigh, NC

Maximum Engineering Fee: \$400,000.00

Supplemental Fee: \$750,000.00

Supplemental Work: Prepare additional Right of Way and Let Plans

SPSF Utilization: 0%

Project: 34817.1.S6 (U-2519AB) Cumberland County
Fayetteville – Outer Loop from south of SR
1118 (Parkton Road) to south of SR 1003
(Camden Road)

Scope of Work: Prepare Right of Way and Let Plans

Estimated Construction Cost: \$109,500,000.00

Firm: Moffatt & Nichol, Inc., Raleigh, NC

Maximum Engineering Fee: \$400,000.00

Supplemental Fee: \$750,000.00

Supplemental Work: Prepare additional Right of Way and Let Plans

SPSF Utilization: 0%

Geotechnical Engineering

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

STATEWIDE

Description of Work: 2014 Geotechnical Engineering LSC

Firm: Geosyntec Consultants of NC, PC, Raleigh, NC

Original Engineering Fee: \$1,000,000.00

Supplemental Fee: \$1,000,000.00

DBE/MBE/SPSF Utilization: A1 Consulting Group, Inc. \$100,000.00
10%

DBE/WBE/SPSF Utilization: Falcon Engineering, Inc. \$50,000.00
5%

DBE/WBE/SPSF Utilization: Prism Laboratories, Inc. \$50,000.00
5%

Project Development and Environmental Analysis

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

DIVISION 3

Project:	37764.1.1 (U-4434) New Hanover County Independence Boulevard Extension from Randall Parkway to Martin Luther King, Jr. Parkway in Wilmington
Scope of Work:	EIS/ROD
Estimated Construction Cost:	\$76,600,000.00
Firm:	AECOM Technical Services of NC, Inc., Raleigh, NC
Original Engineering Fee:	\$ 386,000.00
Previous Supplemental Fee:	\$1,400,000.00
Supplemental Fee:	\$ 500,000.00
Supplemental Work:	Additional funding to continue planning, environmental and preliminary engineering services
DBE/MBE Utilization:	Triangle Aerial Surveys, Inc. \$5,000.00 1%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$5,000.00 1%

Transportation Program Management

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

DIVISIONS 10 & 12

Project:	34181.1.7 (I-3311C, I-5405, I-4750AA) Mecklenburg & Iredell Counties I-77 from I-277 in Charlotte to Exit 36 at Mooresville
Scope of Work:	Study for the I-77 HOV to HOT conversion
Firm:	KPMG Corporate Finance, LLC, Dallas, Texas
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$4,190,000.00
Supplemental Fee:	\$ 446,500.00
Supplemental Work:	Commercial and Financial Support (Developing and refining contract administration plan; Support with developing tools to enhance monitoring and administering the contract; Additional stakeholder meetings; Contract administration)
SPSF Utilization:	0%

August 4, 2016

Chief Engineer

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

DIVISION 8

Project:	34450.3.8 (R-2536) Randolph County US 64 (Asheboro Southern Bypass) from US 64 west of Asheboro to Existing US 64 east of Asheboro and Zoo Connector from east of SR 2839 (Staleys Farm Road) to existing NC 159/Zoo Entrance
Scope of Work:	Construction Engineering and Inspection
Estimated Construction Cost:	\$208,500,000.00
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$11,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. \$3,300,000.00 30%

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

DIVISION 7

Project:	34924.3.1 & 34924.3.2 (U-3326A & U-3326B) Rockingham County US 29 Business (Freeway Drive) from SR 2670 (South Scales Street) to NC 14 in Reidsville
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$50,749,004.96
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$ 850,000.00
Supplemental Work:	Additional Construction Engineering and Inspection Services
SPSF Utilization:	0%

DIVISIONS 5, 7-9

Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Stewart Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	100%

STATEWIDE

Description of Work:	2012 Divisions Planning & Design LSC
Firm:	Mott MacDonald I&E, LLC, Fuquay-Varina, NC (Formerly Hatch Mott MacDonald I&E, LLC)
Original Engineering Fee:	\$2,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$6,000,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC \$120,000.00 2%
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group, Inc. \$60,000.00 1%
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. \$120,000.00 2%
SPSF Utilization:	Axiom Environmental, Inc. \$60,000.00 1%
SPSF Utilization:	Ecosystem Planning and Restoration, PLLC \$120,000.00 2%

Field Support

Maintenance Operations and Fleet Management

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

STATEWIDE

Description of Work:	Management of the Outdoor Advertising Program
Firm:	Volkert, Inc., Raleigh, NC
Original Engineering Fee:	\$ 900,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	0%

Transit

Aviation

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for General Aviation Professional Services on an as needed basis for various federal-aid and state funded projects to support the Division of Aviation. These contracts will expire 3 years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	General Aviation LSC
Firm:	AECOM Technical Services North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$500,000.00 10%
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. \$250,000.00 5%
SPSF Utilization:	Geodata Corp. \$250,000.00 5%
Description of Work:	General Aviation LSC
Firm:	Atkins North America, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group, Inc. \$50,000.00 1%
SPSF Utilization:	Economic Development Research Group \$50,000.00 1%
SPSF Utilization:	Geodata Corp. \$50,000.00 1%
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$150,000.00 3%
DBE/MBE/SPSF Utilization:	Walls Engineering PLLC \$500,000.00 10%
Description of Work:	General Aviation LSC
Firm:	Avcon, Inc., Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc. \$350,000.00 7%
SPSF Utilization:	Parrish and Partners of NC PLLC \$250,000.00 5%
DBE/MBE/SPSF Utilization:	Walls Engineering PLLC \$250,000.00 5%

August 4, 2016

Description of Work: General Aviation LSC
Firm: CH2M Hill, Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: MA Engineering Consultants, Inc. \$250,000.00
5%
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC \$250,000.00
5%
DBE/MBE/SPSF Utilization: RDM International, Inc. \$500,000.00
10%
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$500,000.00
10%
SPSF Utilization: Catlin Engineers and Scientists \$250,000.00
5%

Description of Work: General Aviation LSC
Firm: Delta Airport Consultants, Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$500,000.00
10%
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC \$250,000.00
5%

Description of Work: General Aviation LSC
Firm: Mott MacDonald I&E, LLC, Fuquay-Varina, NC
(Formerly Hatch Mott MacDonald I&E, LLC)
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: Cheatham and Associates \$50,000.00
1%
SPSF Utilization: Parrish and Partners of NC, PLLC \$50,000.00
1%

Description of Work: General Aviation LSC
Firm: Kimley-Horn and Associates, Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: Aviation Alliance, Inc. \$500,000.00
10%

Description of Work: General Aviation LSC
Firm: KPR Engineering, PLLC, Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 100%

Description of Work: General Aviation LSC
Firm: Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering, Inc. \$250,000.00
5%
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC \$250,000.00
5%
DBE/MBE/SPSF Utilization: MA Engineering Consultants, Inc. \$250,000.00
5%
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$250,000.00
5%

Description of Work: General Aviation LSC
Firm: Parrish and Partners of NC, Greensboro, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 100%

Description of Work: General Aviation LSC
Firm: RS&H Architects-Engineers-Planners, Inc.,
Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$200,000.00
4%
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC \$300,000.00
6%

Description of Work: General Aviation LSC
Firm: SEPI Engineering & Construction, Inc.,
Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 0%

Description of Work: General Aviation LSC
Firm: Talbert & Bright, Inc., Wilmington, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 100%

Description of Work: General Aviation LSC
Firm: Talbert, Bright & Ellington, Inc., Charlotte, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: AccuTech Surveying & Mapping LLP
\$250,000.00
5%

Description of Work: General Aviation LSC
Firm: WK Dickson & Co., Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: Walls Engineering PLLC \$250,000.00
5%

Description of Work: General Aviation LSC
Firm: WSP/Parsons Brinckerhoff, Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: Marr Arnold Planning LLC, \$500,000.00
10%

Description of Work: General Aviation LSC
Firm: Three Oaks Engineering, Inc., Durham, NC
Maximum Engineering Fee: \$1,000,000.00
DBE/WBE/SPSF Utilization: 100%

Ferry

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 Ferry Division Professional Services on an as needed basis for various federal-aid and state funded projects to support the Ferry Division. These contracts will expire two (2) years (with up to three (3) one-year extensions) 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 Ferry Division Professional Services LSC
Firm: Moffatt & Nichol, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2016 Ferry Division Professional Services LSC
Firm: Mott MacDonald I&E, LLC, Fuquay-Varina, NC
(Formerly Hatch Mott MacDonald I&E, LLC)
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

NCDOT August 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
Henderson Div. 14	SR 1718 Little Hungry Road	GDB&P. Increase Funds. WBS 14C.045155	\$1,494.53
Polk Div. 14	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 14C.075027	\$18,874.73

August 2016 Item E Summary:

2 Projects to Increase Funds Amount: \$20,369.26

NCDOT August 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 3				
Onslow	51127	0.27 0.26	Sagewood Subdivision Lockwood Court Basil Court	5/12/16
Onslow	51128	0.21	Ole Mille Village Subdivision Tassel Court	5/19/16
Division 4				
Halifax	51129	0.40	Edgewood Subdivision Arbor Drive	4/22/16
Halifax	51130	0.07	Ferncliff Subdivision Viking Drive	4/22/16
Johnston	51131	0.10 0.11	Carriage Creek Subdivision Carriage Creek Drive Hearon Love Court	5/16/16
Johnston	51132	0.72 0.05	The Creeks at Millstone Subdivision Bridgeport Circle Westfield Circle	5/23/16
Johnston	51133	0.06 0.08	Creekview Subdivision Glen Forest Drive Ridgeview Drive	5/24/16
Johnston	51134	0.18	Huckleberry Subdivision Sawyer Court	5/26/16
Wayne	51135	0.77 0.03 0.05 0.08	Cambridge Farms Subdivision Braswell Road, SR 1239 Ext. Eagle Scout Place Tenderfoot Drive Strike Eagle Run	5/13/16
Wilson	51136	0.21	Willow Ridge Subdivision Gentle Breeze Drive	6/23/16
Wilson	51137	0.31 0.19 0.05	Gabriel's Landing Subdivision Gabriel's Way Lacey Lane Gayle Court	6/22/16

August 4, 2016

NCDOT August 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 6				
Cumberland	51138	0.05	Angelia M. Street, SR 1941 Ext.	6/20/16
Cumberland	51139		Camden Woods Subdivision	6/17/16
		0.18	Fallberry Drive	
		0.13	Whisper Oaks Court	
Cumberland	51140		Cypress Lakes Village Subdivision	6/23/16
		0.10	Perfection Lane, SR 4517 Ext.	
		0.10	Debut Avenue, SR 4516	
Cumberland	51141		Estates of Camden Subdivision	6/1/16
		0.04	Kersey Avenue	
		0.34	Stretton Avenue	
		0.19	Kimbolton Drive	
		0.03	Aldbury Drive	
		0.70	Newgate Street	
		0.30	Watford Way	
		0.13	St. Ives Court	
		0.32	Quarry Hollow Drive	
		0.26	Market Hill Drive	
		0.04	Marston Drive	
Cumberland	51142		Longbranch Subdivision	6/13/16
		0.48	Pidgeonfarm Road	
Harnett	51143		Sweetbriar Estates Subdivision	5/24/16
		0.33	Pine Oak Lane	
Harnett	51144		Marvin's Place Subdivision	6/10/16
		0.09	Doris Drive	
Harnett	51145		Carolina Oaks Subdivision	6/28/16
		0.66	Carolina Oaks Circle	
		0.05	William Bethune Court	
		0.05	Nordica Court	
Harnett	51146		Birchfield Subdivision	6/13/16
		0.06	Birchfield Court	
		0.31	River Birch Run	
		0.08	Birch Grove Lane	

NCDOT August 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 7				
Guilford	51147	0.26 0.05 0.06	Kensington Place Subdivision Grove Park Drive, SR 4479 Ext. Union Grove Road N., SR 2020 Ext. Sedwick Way	5/25/16
Division 9				
Forsyth	51148	0.07	Spicewood Trails Subdivision Creekfield Way	6/21/16
Rowan	51149	0.27	Hidden Oaks Subdivision Hidden Oaks Drive	6/6/16
Division 11				
Wilkes	51150	0.50	Moravian Plaza Subdivision Plaza Drive	4/15/85
Division 12				
Gaston	51151	0.32	Home Place Subdivision Candlewick Trail, SR 2883 Ext.	7/1/16
Iredell	51152	0.08	Lake Norman Airpark Airplane Court	2/3/16
Lincoln	51153	0.30	Goodson Place Subdivision Kinks Lane	4/15/16

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 9				
Forsyth	51154	0.77	SR 2042 Graves Street	5/11/16
Division 12				
Cleveland	51155	0.14	Portion of SR 1918 Fielding Road	6/21/16

CORRECTIONS:

Division 12, Lincoln County Petition Number 51091 was listed as W. Haley Court. It should be listed as Haley Court.

Summary: Number of Roads Petitioned for Addition – 53
Number of Roads Petitioned for Abandonment – 2

August 4, 2016

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

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

County	Description	Type	Amount
Div 1 Gates	Installation of traffic caution lights at Central Middle School and Gates County High School on US-158 WBS 44845	Contingency <hr/> TOTAL	\$30,000.00 <hr/> \$30,000.00
Div 2 Lenoir	Construct an access road, approximately 1,440 ft in length and 20 ft wide, for the maintenance building on the Lenoir Community College Campus WBS 48119	Contingency <hr/> TOTAL	\$133,000.00 <hr/> \$133,000.00
Div 2 Pitt	City of Greenville – Install Traffic Signal at the intersection of NC-33 (E 10th St) and Silver Maple Lane WBS 48123	Contingency <hr/> TOTAL	\$128,000.00 <hr/> \$128,000.00
Div 4 Johnston	Provide access from Kellie Dr over to Neuse Charter School WBS 80025	Contingency <hr/> TOTAL	\$413,000.00 <hr/> \$413,000.00
Div 4 Johnston	Provide access from Kellie Dr to Smithfield Selma High School WBS 80026	Contingency Public Access <hr/> TOTAL	\$248,000.00 \$50,000.00 <hr/> \$298,000.00
Div 7 Alamance	Town of Haw River – WBS 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 (Improvements to Main St sidewalk between Stone St and John Robert Watkins bridge) Increase funds	Contingency <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00

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

County	Description	Type	Amount
Div 7 Guilford	Signal installation at the intersection of US-70 (East Wendover Ave) and SR 2828 (Willowlake Rd) WBS 44906	Contingency <hr/> TOTAL	\$130,000.00 <hr/> \$130,000.00
Div 9 Davidson	Town of Denton – Drainage improvements on NC-109 600 ft north of SR 2559 WBS 44775	Contingency <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00
Div 9 Rowan	Town of Spencer – Drainage improvements on 4th St (City street) between US-29 (Salisbury Ave) and Iredell Ace (non-system) WBS 44793	Contingency <hr/> TOTAL	\$390,000.00 <hr/> \$390,000.00
Div 10 Mecklenburg	City of Charlotte – Realignment of John Kirk Rd from NC-49 to Mallard Creek Church Rd WBS 44829	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 11 Ashe	Town of West Jefferson – WBS 33935.2.7 was established (02/14) for pedestrian improvements to include curb & gutter, drainage, sidewalk, paving, and landscape plantings on East Second St from North Jefferson Ave to Fifth Ave Increase funds	Contingency <hr/> TOTAL	\$130,000.00 <hr/> \$130,000.00

Summary:	Number of Projects	11
	Number of Divisions	7
	Small Construction Commitment	\$0.00
	Public Access Commitment	\$50,000.00
	Contingency Commitment	\$2,002,000.00
	Economic Development	\$0.00
	TOTAL	\$2,052,000.00

**NCDOT August 2016 Board of Transportation Agenda
Public Transportation Program**

Town/County Division	5317 Program – Grant Amendment Funding	Estimated Cost	
Macon County 14	<p>15-NF-027 – 17-RS-126 Macon County Macon County will use operating funding for a transit route that will provide service to assisted living housing and other sites at 30 minute intervals in the rural Town of Franklin and surrounding area. The services are designed to improve mobility options disabled persons in the rural mountain region.</p>	\$54,000	Total
		\$27,000	Federal
		\$0	State
		\$27,000	Local

ITEM I-1 SUMMARY - 1 PROJECT - TOTAL STATE/FEDERAL \$ 27,000.

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

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

MODIFICATIONS to the Transit 2016-2025 STIP

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

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

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-5218	GoTriangle	Purchase of Replacement Paratransit Vehicles (3) and Related Equipment	FUZ	5307		226					
			State	S		28					
			Local	L		28					
TA-5219	GoTriangle	Purchase of Replacement Buses (5)	FUZ	5307		1,880					
			State	S		235					
			Local	L		235					
TA-5225	GoTriangle	Purchase of Replacement Bus (1) and Vanpool Vehicles (5)	FBUS	5339		502					
			State	S		63					
			Local	L		63					
TD-5278	GoTriangle	Facility Maintenance and Operations Center Mezzanine Project – Design, Engineering, and Construction	FUZ	5307		72	85	243			
			State	S		9	11	30			
			Local	L		9	11	30			
TD-5273	GoTriangle	Rougemont Park and Ride – Professional Services and Property Acquisition	FUZ	STPDA	116						
			Local	L	133						

Item I-1A, 24 Projects, Total Federal/State funds \$15,530,000

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

Town/County Division	Project Description	Estimated Cost
Division 6, 8 Cumberland County Hoke County	The Rail Division requests Board partial reallocation of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern (NS) Agrium to the crossing signal upgrades on Whitfield Road (SR 1168, Crossing No. 847 213C), Scott Currie Road (SR 1458, Crossing No. 847 337V) and NC 20 (Crossing No. 847 338C) due to vehicle congestion related to switching activities. The Agrium site is no longer being pursued due to changes in economic priorities. Aberdeen & Rockfish will be responsible for the design and construction of the project within their operating right-of-way. The Department will review and approve Aberdeen & Rockfish prepared designs as well as construction. The total estimated cost to the Department is \$95,000.	\$95,000
Division 10 Mecklenburg County	As part of the Piedmont Improvement Program, the Rail Division requests approval to award a contract to the lowest responsive bidder for the Charlotte Locomotive and Railcar Maintenance Facility on West Summit Avenue in Charlotte. The project includes a 663 LF service platform, a 6980 SF building and three separate layover tracks on NCDOT-owned property adjoining Norfolk Southern right of way. The funding source is 100% Federal Railroad Administration ARRA. The total amount of the project is not to exceed \$14.2 million dollars. The project design, bidding, and construction must comply with State Construction Office requirements as per NCGS 143-341(3) Powers and duties of Department [of Administration]; Architecture and Engineering. TIP-2918F	\$14,200,000

ITEM I-2 SUMMARY – 2 PROJECT(S) – (TOTAL FEDERAL AND STATE) \$14,295,000

NCDOT August 2016 Board of Transportation Agenda

Bike & Pedestrian Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the August 4, 2016 Board of Transportation meeting.

ITEM I-3 SUMMARY – NO PROJECTS

NCDOT August 2016 Board of Transportation Agenda

Aviation Program

Division Airport	Project Title Project Description [Partner Connect #]	Estimated Cost	
Division 11 Ashe County Airport	Runway10-28, Taxiway & Apron Overlay and Strengthening (Grant Amendment 36237.21.13.2) Overlay and Strengthen Runway 10-28, Taxiway and Apron. Supplemental funds are required to address actual bid prices. [2565]	\$327,000	(F)

ITEM I-4 SUMMARY – 1 PROJECT - (TOTAL FEDERAL COST) \$327,000

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

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

ADDITIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5226	Charlotte Area Transit System	Replacement Bus – CMAQ Application MU#2012-3	5307	CMAQ		3,864	3,864				
			Local	L		966	966				
TQ-6957	Charlotte Area Transit System	Operating Projects for Enhanced Mobility of Seniors and Individuals with Disabilities	FEPD	5310	560	295	305	314	323	333	343
			Local	L	560	295	305	314	323	333	343
					FY 23	FY 24	FY 25				
		CONTINUED	FEPD	5310	353	364	375				
			Local	L	353	364	375				
TQ-7009	Charlotte Area Transit System	Administrative Oversight for 5310	FEPD	5310	70	33	34	35	36	37	38
					FY 23	FY 24	FY 25				
		CONTINUED	FEPD	5310	39	41	42				
TG-5248	Chapel Hill Transit System	Improvements to the Chapel Hill Transit Campus, system-wide improvements to transit stops, purchase of bus stop amenities , capital procurement administration	FBUS	5339	427						
			Local	L	107						
TA-5193	GoTriangle	Purchase of Replacement Vehicles	FUZ	5307	380						
			Local	L	63						
			FBUS	5339		380					
			Local	L		95					
TA-5195	GoTriangle	Purchase Replacement Vehicle	JARC	5316		380					
			Local	L		95					

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-5144	Durham Area Transit Authority	Purchase of Buses and Paratransit Vehicle	FBUS	5339	926	841					
			Local	L	225	168					
TA-4923	Durham Area Transit Authority	Replacement of Batteries, Bus Refurbishment, Purchase Replacement Paratransit Vehicles and Purchase of Replacement Buses	5307	STPDA	3,626	400	440	484	533	586	645
			Local	L	906	100	110	121	133	147	161

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.

TA-5019A	Durham Area Transit Authority	Purchase of Paratransit Vehicleless, Bus Refurbishment, and Bus Shelters	5307	STPDA	35						
			Local	L	9						
TG-4738	Durham Area Transit Authority	Routine Capital – Bus Stop Shelters, Benches, Shop Equipment, Spare55 Parts, Engines, Service Vehicles, etc.	FUZ	5307	3,777	4,155	4,570	5,027	5,530	6,083	6,691
			Local	L	944	1,039	1,142	1,257	1,382	1,521	1,673
		CONTINUED			FY 23						
			FUZ	5307	7,360						
			Local	L	1,840						

Item I-1B, 5 Projects, Total Federal/State funds \$64,852,000

**NCDOT August 2016 Board of Transportation Agenda
Approval of Specific State Funds for Construction Projects**

THERE ARE NO FUNDING REQUESTS FOR THIS MONTH'S AGENDA

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 U-5921 DIVISION	WBS 44683.1.1 SR 1713 (Laurie Ellis Road) from NC 11 to SR 1149 (Mill Street). Initial funds are requested for preliminary engineering.	\$100,000.00
Johnston Co. Div. 4 R-3825B DIVISION	WBS 34552.2.4 NC 42 from east of SR 1902 (Glen Laurel Road) to SR 1003 (Buffaloe Road). Initial funds are requested for full right of way.	\$3,100,000.00
Johnston Co. Div. 4 R-5769 DIVISION	WBS 46448.2.1 SR 1913 (Gordon Road) from US 70 Business to proposed NOVO Nordisk facility. Various roadway improvements including new access road. Initial funds are requested for full right of way.	\$50,000.00
Hoke Co. Div. 8 B-5755 DIVISION	WBS 45711.2.2 Replace Bridge #57 over Puppy Creek on SR 1406 (Rockfish Road). Initial funds are needed for utilities.	\$5,000.00
Hoke Co. Div. 8 B-5755 DIVISION	WBS 45711.2.1 Replace Bridge #57 over Puppy Creek on SR 1406 (Rockfish Road). Initial funds are requested for full right of way.	\$20,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Randolph Co. Div. 8 U-5758 REGIONAL	WBS 50172.2.1 US 220 Business (Fayetteville Street) at the intersection of US 220 Business and Presnell Street in Asheboro. Initial funds are requested for full right of way.	\$450,000.00
Randolph Co. Div. 8 U-5758 REGIONAL	WBS 50172.2.2 US 220 Business (Fayetteville Street) at the intersection of US 220 Business and Presnell Street in Asheboro. Initial funds are needed for utilities.	\$75,000.00
Forsyth Co. Div. 9 U-5551 DIVISION	WBS 46310.3.1 New route east of SR 1101 (Harper Road) to SR 1103 (Lewisville-Clemmons Road) in Clemmons. Initial funds are requested for construction. This is an Economic Development project.	\$1,900,000.00
Alleghany Co. Div. 11 R-4060 DIVISION	WBS 34605.3.2 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. Initial funds are requested for construction.	\$6,400,000.00
Catawba Co. Div. 12 R-5113 DIVISION	WBS 42364.1.1 SR 1005 (Startown Road) from US 70 to NC 10. Initial funds are requested for preliminary engineering.	\$500,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 U-4739 DIVISION	WBS 39741.1.2 SR 3556 (Amboy Road-Meadow Road) from I-240 to US 25 (Biltmore Avenue). Initial funds are requested for preliminary engineering.	\$600,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	11 PROJECTS	\$13,200,000.00

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

L-1

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Jacksonville/ Onslow Co. Div. 3 SS-4903BE	WBS 43862.3.1 NC 53 (Western Boulevard) and SR 1308 (Gum Branch Road). \$316,000.00 in construction funds has previously been approved for turn lane construction and pavement markings installation. Project to be constructed under U-5319. Delete project, reduce funds, and close WBS. File 03-12-22566-1	-\$315,947.16
Union Co. Div. 10 SS-4910CG	WBS 44762.3.1 SR 1367 (Unionville Indian Trail Road) and SR 1504 (Ridge Road) near Unionville. \$9,900.00 in construction funds has previously been approved for all-way stop installation. Additional funds are needed due to an increase in construction costs. File 10-16-214-1	\$31,100.00
McAdenville/ Gaston Co. Div. 12 SS-4912BX	WBS 44864.3.1 SR 2209 (Wesleyan Drive) from approx. 400 feet south of NC 7 (Main Street)/SR 2000 (Hickory Grove Road) to NC 7 (Main Street)/SR 2000 (Hickory Grove Road). Initial construction funds are needed for pedestrian safety improvements. File 12-16-204	\$20,000.00
Mooreville/ Iredell Co. Div. 12 SS-4912AR	WBS 43709.3.1 US 21/SR 1109 at the I-77 NB ramps and US 21 at Gateway Boulevard/Medical Park Road. \$8,000.00 in construction funds has previously been approved for traffic signal revisions. Project was constructed with other funds. Delete project, reduce funds, and close WBS. File 12-12-211-1	-\$7,273.10
ITEM L SUMMARY	4 PROJECTS	-\$272,120.26

August 04, 2016

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

Division 1

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Camden Co. W-5601HW DIVISION	50138.1.232, HSIP-1224(007) SR 1224 (Old Swamp Road) between approximately 550 feet south of SR 1225 (Lilly Road) and approximately 1200 feet north of SR 1225 (Lilly Road). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

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

Division 2

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. W-5601CJ REGIONAL	50138.3.89, HSIP-0043(025) NC 43 between just north of SR 1792 (Bess Farm Road) and approximately 0.1 mile south of SR 1793 (Ivan Harris Road); and NC 43 at SR 2241 (Ivey Road). Funds are needed for construction for safety improvements.	\$625,000.00 Cost \$562,500.00 Fed. \$62,500.00 State
Pitt Co. W-5601HU REGIONAL	50138.1.230, HSIP-0013(051) US 13 (Memorial Drive) at Moye Boulevard. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

Project Mitigation

Carteret Co. B-4722WM REGIONAL	38496.4.1, BRNHS-0070(084) Replace Bridge #33 over North River on US 70. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$81,881.00 Cost \$65,505.00 Fed. \$16,376.00 State
Greene Co. B-4755WM DIVISION	38527.4.1, BRZ-1215(002) Replace Bridge #65 over Apple Tree Swamp on SR 1215. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$1,514.00 Cost \$1,211.00 Fed. \$303.00 State

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

Division 2 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Lenior B-4565WM REGIONAL	33773.4.1, BRSTP-070B(005) Replace Bridges #42 and #43 over the Neuse River Overflow on US 70 Business and Bridges #26 and #28 on US 258 Business (South Queen Street). Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$140,069.00 Cost \$112,055.00 Fed. \$28,014.00 State
Pitt Co. B-5111WM DIVISION	42249.4.1, BRZ-1588(002) Replace Bridge #111 over Briery Swamp on SR 1588. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$4,703.00 Cost \$3,762.00 Fed. \$941.00 State

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

Division 3

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
New Hanover Co. I-5760 STATEWIDE	52038.3.1, NHPP-0040(017) I-40 from 2 miles east of SR 1509 (Stag Park Road) to US 421. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016.	\$5,500,000.00 Cost \$4,400,000.00 Fed. \$1,100,000.00 State

Bridge

Brunswick Co. B-4440 DIVISION	38367.3.FD1, BRZ-1349(001) Replace Bridge #163 over Mulberry Branch on SR 1349. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016.	\$1,200,000.00 Cost \$960,000.00 Fed. \$240,000.00 State
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Safety

New Hanover Co. W-5203AA STATEWIDE	45333.3.27, HSIP-0117(029) US 117 / NC 132 (South College Road) from 0.5 miles south of Wilshire Boulevard to US 17 Business (Market Street) in Wilmington. (Combined with W-5601BB: US 117 / NC 132 (South College Road) at SR 1272 (New Center Drive) intersection). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016.	\$1,150,000.00 Cost \$1,035,000.00 Fed. \$115,000.00 State
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Project Mitigation

New Hanover Co. B-4591WM DIVISION	38421.4.FD1, BRZ-1002(023) Replace Bridge #4 over Island Creek on SR 1002. \$20,260.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$72,625.00 Cost \$58,100.00 Fed. \$14,525.00 State
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August 4, 2016

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

Division 4

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Nash Co. I-5841 STATEWIDE	53047.1.1, NHPIM-0095(037) I-95 from SR 1745 (Bend of the River Road) to one mile north of NC 58. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 State

Enhancement

Johnston Co. ER-5600DA STATEWIDE	46305.1.19, STP-0095(039) Exit 97 Interchange at I-95 and US 70. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 State
Johnston Co. ER-5600DA STATEWIDE	46305.3.19, STP-0095(039) Exit 97 Interchange at I-95 and US 70. Funds are needed for construction to replace plantings throughout the interchange.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State

Safety

Edgecombe Co. W-5601HA REGIONAL	50138.3.210, HSIP-0097(040) NC 97 (Raleigh Boulevard) at NC 97 (Arlington Street). Funds are needed for construction for safety improvements.	\$6,450.00 Cost \$5,805.00 Fed. \$645.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Edgecombe Co. W-5601HF DIVISION	50138.3.215, HSIP-1005(041) SR 1005 (East Raleigh Boulevard) at Hill Street. Funds are needed for construction for safety improvements.	\$6,050.00 Cost \$5,445.00 Fed. \$605.00 State
Edgecombe Co. W-5601HG DIVISION	50138.3.216, HSIP-1005(042) SR 1005 (East Raleigh Boulevard) at Marigold Street. Funds are needed for construction for safety improvements.	\$5,425.00 Cost \$4,883.00 Fed. \$542.00 State
Edgecombe Co. W-5601HH REGIONAL	50138.3.217, HSIP-0043(027) NC 43 Business (North Fairview Road) at Rosewood Avenue. Funds are needed for construction for safety improvements.	\$7,000.00 Cost \$6,300.00 Fed. \$700.00 State
Nash Co. W-5601HB DIVISION	50138.3.211, HSIP-0097(041) NC 97 (West Raleigh Boulevard) at SR 1714 (Nashville Road). Funds are needed for construction for safety improvements.	\$7,930.00 Cost \$7,137.00 Fed. \$793.00 State

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

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Nash Co. W-5601HC STATEWIDE	50138.3.212, HSIP-0301(038) US 301 (South Wesleyan Boulevard) southbound exit ramp at NC 97 (West Raleigh Boulevard). Funds are needed for construction for safety improvements.	\$4,380.00 Cost \$3,942.00 Fed. \$438.00 State
Nash Co. W-5601HD STATEWIDE	50138.3.213, HSIP-0301(039) US 301 (South Wesleyan Boulevard) at SR 1729 (Cooley Road). Construction funds are needed for safety improvements.	\$4,425.00 Cost \$3,983.00 Fed. \$442.00 State
Nash Co. W-5601HE STATEWIDE	50138.3.214, HSIP-0301(040) US 301 (North Wesleyan Boulevard) at SR 1541 (Jeffreys Road). Funds are needed for construction for safety improvements.	\$4,225.00 Cost \$3,803.00 Fed. \$422.00 State

Project Mitigation

Nash Co. B-4939WM DIVISION	40170.4.1, BRZ-1433(004) Replace Bridge #156 over Basket Creek on SR 1433. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$29,893.00 Cost \$23,914.00 Fed. \$5,979.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wilson Co. B-4679WM DIVISION	33833.4.FD1, BRSTP-1164(004) Replace Bridges #65 and #66 (Combined with B-5126) over Swamps of Contentnea Creek at Wiggins Mill Reservoir on SR 1163 (Downing Road). \$7,548.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$27,056.00 Cost \$21,645.00 Fed. \$5,411.00 State

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

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Morrisville/ Wake Co. C-5168 EXEMPT	46233.3.1, CMS-0517(006) Crabtree Creek Greenway. Funds are needed for construction for Crabtree Creek Greenway including replacement of train trestle.	\$2,954,360.00 Cost \$2,363,488.00 Fed. \$590,872.00 Local

Urban

Wake Co. U-5118AD STATEWIDE	42379.3.F28, STPDA-0501(033) SR 1010 (Ten Ten Road) / US 1 southbound off-ramp and loop at SR 1010 and Waterford Green Drive. \$428,056.00 has previously been approved for construction. Additional funds are requested.	\$29,216.00 Cost \$29,216.00 Fed.
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Safety

Durham Co. W-5601HX REGIONAL	50138.1.233, HSIP-0055(061) NC 55 at Allendown Drive. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Durham Co. W-5601HY REGIONAL	50138.1.234, HSIP-0501(042) US 501 (Duke Street) at Stadium Drive. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. W-5601AB REGIONAL	50138.2.29, HSIP-0096(019) NC 96 at NC 98. Funds are needed for full right of way.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Wake Co. W-5601BC REGIONAL	50138.3.56, HSIP-0042(062) NC 42 at SR 2736 (Rock Service Station Road). Funds are needed for construction for safety improvements.	\$375,000.00 Cost \$337,500.00 Fed. \$37,500.00 State
Wake Co. W-5601CH DIVISION	50138.3.87, HSIP-1435(010) SR 1435 (Old Raleigh Road) at SR 1521 (Lake Pine Drive). Funds are needed for construction for safety improvements.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
Wake Co. W-5601EY REGIONAL	50138.1.156, HSIP-0042(067) NC 42 at SR 2727 (Sauls Road). \$80,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. W-5601GF STATEWIDE	50138.3.189, HSIP-0040(044) I-40 Crossovers. Funds are needed for construction to close unofficial crossovers.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Wake Co. W-5601HZ STATEWIDE	50138.1.235, HSIP-000S(855) Various National Highway System (NHS) routes in Division 5 (Wake and Durham Counties). Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

Project Mitigation

Franklin Co. B-4748WM DIVISION	38520.4.1, BRZ-1147(010) Replace Bridge #2 over Horse Creek on SR 1147. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$47,852.00 Cost \$38,282.00 Fed. \$9,570.00 State
Franklin Co. B-4749WM DIVISION	38521.4.1, BRZ-1200(005) Replace Bridge #27 over Middle Creek on SR 1200. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$27,206.00 Cost \$21,765.00 Fed. \$5,441.00 State

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

Division 5 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Person Co. B-4784WM DIVISION	38555.4.1, BRZ-1134(003) Replace Bridge #31 over Aldridge Creek on SR 1134. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,304.00 Cost \$5,043.00 Fed. \$1,261.00 State
Person Co. B-4785WM DIVISION	38556.4.1, BRZ-1142(007) Replace Bridge #24 over the North Flat River on SR 1142. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$10,048.00 Cost \$8,038.00 Fed. \$2,010.00 State
Wake Co. B-4659WM DIVISION	38456.4.1, BRZ-1393(003) Replace Bridge #373 over Bassal Creek on SR 1393. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$45,505.00 Cost \$36,404.00 Fed. \$9,101.00 State
Wake Co. B-4663WM DIVISION	38458.4.1, BRZ-2507(001) Replace Bridge #225 over Mark's Creek on SR 2507. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$23,536.00 Cost \$18,828.00 Fed. \$4,708.00 State

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

Division 5 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. B-4697WM DIVISION	38474.4.1, BRZ-1600(009) Replace Bridge #55 over White Oak Creek on SR 1600. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$96,133.00 Cost \$76,906.00 Fed. \$19,227.00 State
Wake Co. B-5113WM DIVISION	42251.4.1, BRZ-1942(001) Replace Bridge #157 over Smiths Creek on SR 1942. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$14,384.00 Cost \$11,507.00 Fed. \$2,877.00 State

Bicycle and Pedestrian

Raleigh/ Wake Co. U-5530GB DIVISION	44111.2.11, STPDA-0520(054) Construct a sidewalk along approximately 0.5 miles of Bridge Street crossing over the Norfolk Southern Railway in Fuquay-Varina. Funds are needed for full right of way.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 Local
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. B-4950 DIVISION	40108.2.1, BRZ-1851(003) Replace Bridges #171 and #172 over the South River on SR 1851 / SR 1426. Funds are needed for full right of way and utilities.	\$360,000.00 Cost \$288,000.00 Fed. \$72,000.00 State

Safety

Cumberland Co. W-5601AR DIVISION	50138.2.45, HSIP-1600(014) SR 1600 (McCormick Bridge Road), curve located approximately 0.3 miles south east of SR 1798 (Sandclay Road). Funds are needed for full right of way and utilities.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
Harnett Co. W-5601AF DIVISION	50138.3.33, HSIP-1115(021) SR 1115 (Buffalo Lake Road) from north of SR 2530 (Cameron Pines Drive) to south of SR 1114 (Blanchard Road). Funds are needed for construction for safety improvements.	\$741,000.00 Cost \$666,900.00 Fed. \$74,100.00 State
Robeson Co. W-5601GX STATEWIDE	50138.3.207, HSIP-0095(038) I-95 guardrail end unit upgrades. Funds are needed for construction for guardrail end unit upgrades.	\$280,000.00 Cost \$252,000.00 Fed. \$28,000.00 State

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

Division 6 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Bladen Co. B-4436WM DIVISION	38363.4.FD1, BRZ-1806(001) Replace Bridge #31 over Browns Creek on SR 1806 (formally SR 1700). \$26,125.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$104,130.00 Cost \$83,304.00 Fed. \$20,826.00 State
Columbus Co. B-4481WM DIVISION	38386.4.FD1, BRZ-1831(003) Replace Bridge #279 over Livingstone Creek and Bridge #288 over Livingstone Creek Overflow on SR 1831. \$14,301.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$66,929.00 Cost \$53,543.00 Fed. \$13,386.00 State
Columbus Co. B-5115WM DIVISION	42255.4.FD1, BRSTP-1005(020) Replace Bridges #94 and #95 over Grissett Creek on SR 1005. \$11,520.00.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$41,297.00 Cost \$33,038.00 Fed. \$8,259.00 State
Cumberland Co. B-4490WM STATEWIDE	33727.4.1, BRNHS-0024(024) Replace Bridge #116 over CSX Railroad, Norfolk Southern Railroad and Hillsborough Street on NC 24 / 210 (Rowan Street). Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$601,380.00 Cost \$481,104.00 Fed. \$120,276.00 State

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

Division 7

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Greensboro/ Guilford Co. U-2524D STATEWIDE	34820.3.30, NHF-0708(053) Greensboro Western Loop from US 220 (Battleground Avenue) to SR 2303 (Lawndale Drive). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016. This is an 8 week advertisement. This is a two (2) year Cash Flow project with \$30,050,000.00 in FY16, \$30,050,000.00 in FY17.	\$60,100,000.00 Cost \$48,080,000.00 Fed. \$12,020,000.00 State

Safety

Divisionwide W-5601IF STATEWIDE	50138.1.241, HSIP-000S(860) Multiple routes in Division 7. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Municipal Bridge

High Point/ Guilford Co. B-5358 DIVISION	46072.3.F1, BRZ-0710(022) Replace Bridge #428 on Model Farm Road over a Branch of Richland Creek. Funds are needed for construction for bridge replacement.	\$675,000.00 Cost \$540,000.00 Fed. \$135,000.00 Local
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Project Mitigation

Alamance Co. B-4400WM DIVISION	33680.4.1, BRZ-1122(004) Replace Bridge #160 over South Prong of Stinking Quarter Creek on SR 1122. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$7,203.00 Cost \$5,762.00 Fed. \$1,441.00 State
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August 4, 2016

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

Division 7 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Alamance Co. B-4401WM DIVISION	33681.4.1, BRZ-1124(005) Replace Bridge #161 over North Prong Stinking Quarter Creek on SR 1124. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,308.00 Cost \$5,046.00 Fed. \$1,262.00 State
Alamance Co. B-4953WM DIVISION	40078.4.1, BRZ-1912(002) Replace Bridge #64 over Quaker Creek on SR 1912. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$21,152.00 Cost \$16,922.00 Fed. \$4,230.00 State
Guilford Co. B-4756WM DIVISION	38528.4.1, BRZ-2128(001) Replace Bridge #120 over Reedy Creek on SR 2128. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,686.00 Cost \$5,349.00 Fed. \$1,337.00 State
Guilford Co. B-4757WM DIVISION	38529.4.1, BRZ-2795(002) Replace Bridge #175 over Buffalo Creek on SR 2795. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$56,420.00 Cost \$45,136.00 Fed. \$11,284.00 State

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

Division 7 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. B-4758WM DIVISION	38530.4.1, BRZ-2824(005) Replace Bridge #159 over North Buffalo Creek on SR 2824. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$6,826.00 Cost \$5,461.00 Fed. \$1,365.00 State
Rockingham Co. B-4803WM DIVISION	38573.4.1, BRZ-1925(002) Replace Bridge #97 over Wolf Island Creek on SR 1925. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$74,100.00 Cost \$59,280.00 Fed. \$14,820.00 State

Bicycle and Pedestrian

Greensboro/ Guilford Co. EL-5101DP DIVISION	41823.3.F18, STPDA-0708(063) West Market Street from South Oxygen Road to Spring Garden Street and from Pomona Drive to Walker Avenue, and West Market Street from United Street to Walker Avenue. \$320,000.00 has previously been approved for construction. Additional funds are needed for construction for sidewalk improvements.	\$295,000.00 Cost \$236,000.00 Fed. \$59,000.00 Local
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Chatham Co. W-5601CL STATEWIDE	50138.3.91, HSIP-0064(184) US 64 at SR 1716 (Big Woods Road) / SR 1941 (Seaforth Road). Funds are needed for construction for safety improvements.	\$950,000.00 Cost \$855,000.00 Fed. \$95,000.00 State
Chatham Co. W-5601IC STATEWIDE	50138.1.238, HSIP-000S(856) Various National Highway System (NHS) routes in Division 8 (Lee, Chatham, Moore, Richmond, Randolph, and Scotland Counties). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Chatham Co. W-5601ID STATEWIDE	50138.1.239, HSIP-000S(857) Various National Highway System (NHS) routes in Division 8 (Lee, Chatham, Moore, Richmond, Randolph, Scotland and Hoke Counties). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Montgomery Co. W-5601IB STATEWIDE	50138.1.237, HSIP-0073(045) I-73 / 74. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State

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

Division 8 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Randolph Co. W-5601HV REGIONAL	50138.1.231, HSIP-0042(070) NC 42 near SR 2895 (Moffit Mill Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Richmond Co. W-5601IA STATEWIDE	50138.1.236, HSIP-0073(046) I-73 / 74 in Richmond, Montgomery, and Randolph Counties. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
Scotland Co. W-5601BD STATEWIDE	50138.3.57, HSIP-0074(175) US 74 at NC 144 and SR 1305 (Ida Mill Road). Funds are needed for construction for safety improvements.	\$654,000.00 Cost \$588,600.00 Fed. \$65,400.00 State

Planning and Research

Moore Co. M-0492L STATEWIDE	44527.1.13, OSPR-0809(001) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Chatham Co. B-4730WM DIVISION	38503.4.1, BRZ-1549(006) Replace Bridge #108 over Terrell Creek on SR 1549. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$7,894.00 Cost \$6,315.00 Fed. \$1,579.00 State
Montgomery Co. B-4780WM DIVISION	38551.4.1, BRZ-1111(008) Replace Bridge #22 over Richland Creek on SR 1111. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$44,460.00 Cost \$35,568.00 Fed. \$8,892.00 State
High Point/ Randolph Co. B-5114WM DIVISION	42252.4.1, BRZ-1619(005) Replace Bridge #136 over US 29 / 70 / I-85 Business on SR 1619 in High Point. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$85,800.00 Cost \$68,640.00 Fed. \$17,160.00 State
Scotland Co. B-4639WM REGIONAL	38449.4.FR1, BRSTP-0015(018) Replace Bridge #17 over Gum Swamp on US 15 / US 401. \$4,370.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$15,664.00 Cost \$12,531.00 Fed. \$3,133.00 State

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

Division 8 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Scotland Co. B-4816WM REGIONAL	38586.4.1, BRSTP-0015(022) Replace Bridge #65 over Juniper Creek on US 15-501. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$73,337.00 Cost \$58,670.00 Fed. \$14,667.00 State

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

Division 9

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Forsyth Co. R-4073IF DIVISION	34613.3.63, STP-000S(851) NC Division of Environmental Quality Alternative Program Management. Funds are needed for construction for program management.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Statewide R-4073IE DIVISION	34613.3.62, STP-000S(853) Site #54 (Winston-Salem) Asphalt Materials Testing Labs. Funds are needed for construction for expanded groundwater testing.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Urban

Forsyth Co. U-2827B REGIONAL	34872.3.4, NHP-0421(087) Replace Bridges #178, #269, #278, #286, #288, #291, #293, #305, #312, #313, #336, US 421 / US 158 / US 421 / NC 150 / Business 40, west of Fourth Street to east of Church Street (Combined with C-5620A: Business 40 multi-use path). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 14, 2016. This is a Design-Build Project . This is an 8 week advertisement. This is a three (3) year Cash Flow project with \$34,234,000.00 in FY16, \$34,233,000.00 in FY17, \$34,233,000.00 in FY18.	\$102,700,000.00 Cost \$82,160,000.00 Fed. \$20,540,000.00 State
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Safety

Davie Co. W-5601CI DIVISION	50138.3.88, HSIP-000S(817) Lane Departure Systemic improvements. Funds are needed for construction for safety improvements.	\$610,000.00 Cost \$549,000.00 Fed. \$61,000.00 State
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August 4, 2016

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

Division 9 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide W-5601IH REGIONAL	50138.1.243, HSIP-000S(859) Multiple routes in Division 9. Funds are needed for preliminary engineering.	\$1,800.00 Cost \$1,620.00 Fed. \$180.00 State
Forsyth Co. W-5601IG STATEWIDE	50138.1.242, HSIP-0040(048) I-40 between the Davie and Guilford County Lines. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Stokes Co. W-5601HS REGIONAL	50138.3.228, HSIP-000S(858) Pavement marking improvements at various locations. Funds are needed for construction for pavement marking.	\$110,000.00 Cost \$99,000.00 Fed. \$11,000.00 State

Project Mitigation

Davidson Co. B-4740WM DIVISION	38513.4.1, BRZ-1194(009) Replace Bridge #7 over Dykers Creek on SR 1194. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$37,050.00 Cost \$29,640.00 Fed. \$7,410.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Davidson Co. B-4741WM DIVISION	38514.4.1, BRZ-1493(002) Replace Bridge #38 over Muddy Creek on SR 1493. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$54,600.00 Cost \$43,680.00 Fed. \$10,920.00 State
Stokes Co. B-4645WM STATEWIDE	38452.4.FS1, BRNHS-0052(025) Replace Bridges #29 and #30 over the Little Yadkin River on US 52. \$11,320.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$31,200.00 Cost \$24,960.00 Fed. \$6,240.00 State
Bicycle and Pedestrian		
Forsyth Co. U-4741PD DIVISION	39745.3.16, STPDA-0926(007) Sidewalk Project at Middlebrook Drive and Highway 158 Crosswalk. Funds are needed for construction for crosswalk/sidewalk.	\$75,170.00 Cost \$60,136.00 Fed. \$15,034.00 Local

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

Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. I-4750AC EXEMPT	40099.2.8, NHP-077-1(224)30 I-77 at Exit 30 (Griffith Street) Interchange, construct roundabouts at northbound and southbound ramp termini. Funds are needed for full right of way and utilities.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State
Mecklenburg Co. I-4750AC EXEMPT	40099.3.8, NHP-077-1(224)30 I-77 at Exit 30 (Griffith Street) Interchange, construct roundabouts at northbound and southbound ramp termini. Funds are needed for construction.	\$2,400,000.00 Cost \$1,920,000.00 Fed. \$480,000.00 State
Mecklenburg Co. I-5405 EXEMPT	45454.3.9, NHF-077-1(229)9 Construct a pedestrian culvert at Torrence Creek. Funds are needed for construction.	\$6,000,000.00 Cost \$4,800,000.00 Fed. \$1,200,000.00 State

Safety

Cabarrus Co. W-5601IM REGIONAL	50138.1.248, HSIP-0073(047) NC 73 and SR 1602 (Jim Johnson Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. W-5601BJ STATEWIDE	50138.3.63, HSIP-0485(039) I-485 northbound ramp at US 29 (North Tryon Street) near Charlotte. Funds are needed for construction for safety improvements.	\$170,000.00 Cost \$153,000.00 Fed. \$17,000.00 State
Stanly Co. W-5601IN REGIONAL	50138.1.249, HSIP-0024(079) NC 24 / 27 / 73 from Spaulding Street to SR 1783 (Henson Street). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Union W-5601CS DIVISION	50138.3.98, HSIP-1315(016) SR 1315 (New Town Road) from SR 1008 (Waxhaw-Indian Trail Road) to SR 1388 (Will Plyler Road) in Wesley Chapel; and SR 1336 (Chambwood Road) near Wesley Chapel. Funds are needed for construction for safety improvements.	\$520,000.00 Cost \$468,000.00 Fed. \$52,000.00 State
Union Co. W-5601EA DIVISION	50138.2.130, HSIP-1007(034) SR 1007 (Rocky River Road) between SR 1150 (Old Waxhaw- Monroe Road) and Jonathan Circle. Funds are needed for full right of way.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State

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

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Union Co. W-5601IJ DIVISION	50138.1.245, HSIP-1004(062) SR 1004 (Lawyers Road) and SR 1539 (Rock Hill Church Road) near Stallings. Funds are needed for preliminary engineering.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State

Project Mitigation

Cabarrus Co. B-4973WM DIVISION	40097.4.FD1, BRSTP-1157(005) Replace Bridge #271 over Irish Buffalo Creek on SR 1157. \$15,384.00.00 has previously been approved for project mitigation. Additional funds are requested.	\$41,340.00 Cost \$33,072.00 Fed. \$8,268.00 State
Mecklenburg Co. B-4779WM REGIONAL	38550.4.FR1, BRSTP-0029(039) Replace Bridges #147 and #140 over Mallard Creek on US 29 Southbound and Northbound Lanes. \$12,315.00 has previously been approved for project mitigation. Additional funds are requested.	\$44,145.00 Cost \$35,316.00 Fed. \$8,829.00 State
Stanly Co. B-4643WM STATEWIDE	38451.4.1, BRNHS-0049(022) Replace Bridge #24 over Curl Tail Creek on NC 49. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$42,900.00 Cost \$34,320.00 Fed. \$8,580.00 State

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

Division 10 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Stanly Co. B-4818WM DIVISION	38588.4.FD1, BRZ-1109(007) Replace Bridge #138 over Island Creek on SR 1109. \$40,348.00 has previously been approved for project mitigation. Additional funds are requested.	\$54,210.00 Cost \$43,368.00 Fed. \$10,842.00 State

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

Division 11

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide W-5601GU STATEWIDE/ REGIONAL	50138.3.204, HSIP-000S(843) Safety improvements at various locations. Funds are needed for construction for safety improvements.	\$480,000.00 Cost \$432,000.00 Fed. \$48,000.00 State
Wilkes Co. W-5503 REGIONAL	45475.3.FR1, HSIP-0268(018) NC 268 east of North Wilkesboro. Funds are needed for construction for safety improvements.	\$2,500,000.00 Cost \$2,250,000.00 Fed. \$250,000.00 State

Project Mitigation

Ashe Co. B-4705WM DIVISION	38480.4.FD1, BRZ-1376(002) Replace Bridge #69 over Little Helton Creek on SR 1376. \$18,820.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$51,870.00 Cost \$41,496.00 Fed. \$10,374.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gastonia/ Gaston Co. C-4934 EXEMPT	44034.3.1, CMS-0279(005) NC 279 (New Hope Road) from Burtonwood Drive to SR 2466 (Garrison Boulevard). Funds are needed for construction for a turn lane.	\$2,200,000.00 Cost \$1,650,000.00 Fed. \$550,000.00 Local

Planning and Research

Catawba Co. M-0492R STATEWIDE	44527.1.19, OSPR-1208(009) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$53,000.00 Cost \$37,100.00 Fed. \$15,900.00 State
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Project Mitigation

Alexander Co. B-5110WM DIVISION	42248.4.FD1, BRZ-1626(003) Replace Bridge #129 over Big Branch Creek on SR 1626. \$19,527.00 has previously been approved for project mitigation. Additional funds are requested.	\$53,820.00 Cost \$43,056.00 Fed. \$10,764.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rutherford Co. M-0492S EXEMPT	44527.1.20, SPR-0SPR(008) Spindale-Planning Grant. Funds are needed for preliminary engineering.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 Local

Municipal Bridge

Buncombe Co. M-0414MA DIVISION	42080.1.121, BRZ-NBIS(013) Municipal Bridge Inspection. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,400.00 Fed. \$600.00 Local
Buncombe Co. M-0414MB DIVISION	42080.1.122, BRZ-NBIS(013) Municipal Bridge Inspection. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,400.00 Fed. \$600.00 Local

Project Mitigation

Buncombe Co. B-4715WM DIVISION	38489.4.1, BRZ-2797(001) Replace Bridge #655 over the Broad River on SR 2797. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$48,360.00 Cost \$38,688.00 Fed. \$9,672.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. EB-5774 DIVISION	46407.1.1, STPDA-0251(038) NC 251 from SR 1684 (Elk Mountain Road) to Exit 25 on US 19 / 23 / 70. Funds are needed for preliminary engineering.	\$450,000.00 Cost \$360,000.00 Fed. \$90,000.00 Local

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

Division 14

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Transylvania Co. B-4823 DIVISION	38593.2.1, BRZ-1538(009) Replace Bridge #12 over Hogsed Creek on SR 1538. Funds are needed for full right of way and utilities.	\$45,000.00 Cost \$36,000.00 Fed. \$9,000.00 State

Safety

Jackson Co. W-5601HT DIVISION	50138.1.229, HSIP-1550(005) SR 1550 (Centennial Drive) at University Way on the campus of Western Carolina. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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Planning and Research

Henderson Co. M-0492P STATEWIDE	44527.1.17, OSPR-1430(008) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 State
Henderson Co. M-0492Q STATEWIDE	44527.1.18, OSPR-0509(009) Bicycle and Pedestrian 2016 Planning Grants. Funds are needed for planning and research.	\$47,000.00 Cost \$42,300.00 Fed. \$4,700.00 State

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

Division 14 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Clay Co. B-4734WM DIVISION	38507.4.1, BRZ-1300(008) Replace Bridge #9 over Iver Tusquitee Creek on SR 1300. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$31,980.00 Cost \$25,584.00 Fed. \$6,396.00 State
Haywood Co. B-4763WM DIVISION	38535.4.FD1, BRZ-1503(008) Replace Bridge #35 over Bald Creek on SR 1503. \$27,451.00 has previously been approved for project mitigation. Additional funds are requested.	\$75,660.00 Cost \$60,528.00 Fed. \$15,132.00 State
Henderson Co. B-3346WM DIVISION	33004.4.FD1, BRZ-1734(003) Replace Bridge #42 over Saconon Creek on SR 1734. \$20,800.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$93,210.00 Cost \$74,568.00 Fed. \$18,642.00 State
Henderson Co. B-4765WM DIVISION	38537.4.FD1, BRZ-1574(004) Replace Bridge #113 over Kyles Creek on SR 1574. \$33,960.00 has previously been approved for project mitigation. Additional funds are requested.	\$102,960.00 Cost \$82,368.00 Fed. \$20,592.00 State

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

Division 14 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Henderson Co. B-4988WM DIVISION	40156.4.1, BRZ-1528(006) Replace Bridge #309 over Featherstone Creek on SR 1528. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$60,840.00 Cost \$48,672.00 Fed. \$12,168.00 State
Macon Co. B-3868WM DIVISION	33313.4.1, BRZ-1456(006) Replace Bridge #172 over Little Tennessee River on SR 1456. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$349,440.00 Cost \$279,552.00 Fed. \$69,888.00 State
Transylvania Co. B-4288WM DIVISION	33627.4.1, BRZ-1107(009) Replace Bridge #85 over East Fork French Broad River on SR 1107. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$50,700.00 Cost \$40,560.00 Fed. \$10,140.00 State
Transylvania Co. B-4289WM DIVISION	33628.4.FD1, BRZ-1324(002) Replace Bridge #93 over North Fork French Broad River on SR 1324. \$26,885.00 has previously been approved for project mitigation. Additional funds are requested to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$71,370.00 Cost \$57,096.00 Fed. \$14,274.00 State

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

Division 14 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Transylvania Co. B-5010WM STATEWIDE	41536.4.1, BRSTP-0064(099) Replace Bridge #27 over Rocky Creek on US 64. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$70,200.00 Cost \$56,160.00 Fed. \$14,040.00 State

Rural

Macon Co. R-4436ND REGIONAL	34625.2.61, STP-0023(035) US 23 / 441 at Watauga Park and Ride Lot near Franklin in Macon County. Funds are needed for construction for two filtration basins to improve water quality.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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**NCDOT August 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Divisionwide E-4975 STATEWIDE	39831.3.F1, STP-000S(430) Divisions 11, 13, and 14 - Blue Ridge National Heritage Area Trails Program. \$219,433.00 has previously been approved for construction. Additional funds are requested.	\$136,309.00 \$109,047.00 \$27,262.00	Cost Fed. Local

Planning and Research

Statewide M-0482B STATEWIDE	50145.3.2, RTD-000S(840) Cary Parkway Bridge Compaction Grouting Project as a research and technology demonstration project. Funds are needed for construction for research.	\$75,000.00 \$60,000.00 \$15,000.00	Cost Fed. State
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ITEM M SUMMARY - 126 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$198,025,822.00

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

August 4, 2016

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

STIP ADDITIONS

DIVISION 4

R-5769	SR 1913 (GORDON ROAD), US 70 BUSINESS TO	RIGHT-OF-WAY	FY 2017 -	\$10,000	(T)
JOHNSTON	PROPOSED NOVO NORDISK FACILITY. VARIOUS	CONSTRUCTION	FY 2017 -	\$5,000,000	(T)
PROJ.CATEGORY	ROADWAY IMPROVEMENTS INCLUDING NEW ACCESS		FY 2018 -	<u>\$5,000,000</u>	(T)
DIVISION	ROAD.			\$10,010,000	

**ADD RIGHT-OF-WAY IN FY 17 NOT PREVIOUSLY
PROGRAMMED AND ACCELERATE CONSTRUCTION
TO FY 17.**

STATEWIDE

* C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY
STATEWIDE	CENTER. CONDUCT A CLEAN FUEL ADVANCED
PROJ.CATEGORY	TECHNOLOGY OUTREACH AND AWARENESS
EXEMPT	PROGRAM, INCLUDING EMISSIONS-REDUCING SUB- AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.

**PROJECT ADDED AT REQUEST OF TRANSPORTATION
PLANNING BRANCH - SEE PROJECT BREAK BELOW
FOR FUNDING.**

* C-5702A	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY	OTHER	2017	\$747,210	(CMAQ)
STATEWIDE	CENTER. CONDUCT A CLEAN FUEL-ADVANCED		2017	\$186,802	(L)
PROJ.CATEGORY	TECHNOLOGY OUTREACH AND AWARENESS		2018	\$747,210	(CMAQ)
EXEMPT	PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES.		2018	<u>\$186,802</u>	(L)
				\$1,868,024	

**PROJECT ADDED AT REQUEST OF TRANSPORTATION
PLANNING BRANCH.**

* INDICATES FEDERAL AMENDMENT

Thursday, August 04, 2016

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

DIVISION 5

* U-5118
WAKE
JOHNSTON
FRANKLIN
HARNETT
GRANVILLE
PROJ.CATEGORY
DIVISION

VARIOUS, OPERATIONAL IMPROVEMENTS FOR
SAFETY AND CONGESTION MITIGATION.
ADD FUNDING BEYOND FY16 AT REQUEST OF MPO.

ENGINEERING	FY 2017 -	\$100,000	(STBGDA)
	FY 2017 -	\$25,000	(L)
	FY 2018 -	\$100,000	(STBGDA)
	FY 2018 -	\$25,000	(L)
	FY 2019 -	\$100,000	(STBGDA)
	FY 2019 -	\$25,000	(L)
	FY 2020 -	\$100,000	(STBGDA)
	FY 2020 -	\$25,000	(L)
	FY 2021 -	\$100,000	(STBGDA)
	FY 2021 -	\$25,000	(L)
	FY 2022 -	\$100,000	(STBGDA)
	FY 2022 -	\$25,000	(L)
	FY 2023 -	\$100,000	(STBGDA)
	FY 2023 -	\$25,000	(L)
	FY 2024 -	\$100,000	(STBGDA)
	FY 2024 -	\$25,000	(L)
	FY 2025 -	\$100,000	(STBGDA)
	FY 2025 -	\$25,000	(L)
	FY 2026 -	\$100,000	(STBGDA)
	FY 2026 -	\$25,000	(L)
	FY 2027 -	\$100,000	(STBGDA)
	FY 2027 -	\$25,000	(L)
RIGHT-OF-WAY	FY 2016 -	\$144,000	(STBGDA)
	FY 2016 -	\$36,000	(L)
	FY 2017 -	\$300,000	(STBGDA)
	FY 2017 -	\$75,000	(L)
	FY 2018 -	\$300,000	(STBGDA)
	FY 2018 -	\$75,000	(L)
	FY 2019 -	\$300,000	(STBGDA)
	FY 2019 -	\$75,000	(L)
	FY 2020 -	\$300,000	(STBGDA)
	FY 2020 -	\$75,000	(L)
	FY 2021 -	\$300,000	(STBGDA)
	FY 2021 -	\$75,000	(L)
	FY 2022 -	\$300,000	(STBGDA)
	FY 2022 -	\$75,000	(L)
	FY 2023 -	\$300,000	(STBGDA)
	FY 2023 -	\$75,000	(L)
	FY 2024 -	\$300,000	(STBGDA)
	FY 2024 -	\$75,000	(L)
	FY 2025 -	\$300,000	(STBGDA)
	FY 2025 -	\$75,000	(L)
	FY 2026 -	\$300,000	(STBGDA)
	FY 2026 -	\$75,000	(L)
	FY 2027 -	\$300,000	(STBGDA)
	FY 2027 -	\$75,000	(L)
CONSTRUCTION	FY 2016 -	\$3,032,000	(STBGDA)
	FY 2016 -	\$758,000	(L)
	FY 2017 -	\$6,000,000	(STBGDA)
	FY 2017 -	\$1,500,000	(L)
	FY 2018 -	\$3,000,000	(STBGDA)

* INDICATES FEDERAL AMENDMENT

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

DIVISION 5

FY 2018 -	\$750,000	(L)
FY 2019 -	\$3,000,000	(STBGDA)
FY 2019 -	\$750,000	(L)
FY 2020 -	\$3,000,000	(STBGDA)
FY 2020 -	\$750,000	(L)
FY 2021 -	\$3,000,000	(STBGDA)
FY 2021 -	\$750,000	(L)
FY 2022 -	\$3,000,000	(STBGDA)
FY 2022 -	\$750,000	(L)
FY 2023 -	\$3,000,000	(STBGDA)
FY 2023 -	\$750,000	(L)
FY 2024 -	\$3,000,000	(STBGDA)
FY 2024 -	\$750,000	(L)
FY 2025 -	\$3,000,000	(STBGDA)
FY 2025 -	\$750,000	(L)
FY 2026 -	\$3,000,000	(STBGDA)
FY 2026 -	\$750,000	(L)
FY 2027 -	\$3,000,000	(STBGDA)
FY 2027 -	\$750,000	(L)
	<u>\$54,470,000</u>	

* U-5307
WAKE

US 1, I-540 IN RALEIGH TO SR 1909 (PURCELL ROAD) / SR 1931 (HARRIS ROAD) IN WAKE FOREST. UPGRADE ROADWAY TO CONTROLLED ACCESS FACILITY.
REVISE NORTHERN TERMINUS AT REQUEST OF PRECONSTRUCTION TO FACILITATE PLANNING / ENVIRONMENTAL REVIEW AND DOCUMENTATION. SEE BELOW FOR INCLUSION OF CORRESPONDING PROJECT BREAK.

* U-5307D WAKE	US 1, SOUTH OF NC 98 TO SR1909 (PURCELL ROAD) / SR 1931 (HARRIS ROAD) IN WAKE FOREST. <u>ADD PROJECT BREAK TO REFLECT REVISED NORTHERN TERMINUS FOR U-5307.</u>	RIGHT-OF-WAY	POST YR	\$30,100,000	(NHP)
		UTILITIES	POST YR	\$3,612,000	(NHP)
		CONSTRUCTION	POST YR	\$56,400,000	(NHP)
				\$90,112,000	

* INDICATES FEDERAL AMENDMENT

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

DIVISION 5

* U-5530

WAKE

JOHNSTON

FRANKLIN

HARNETT

GRANVILLE

PROJ.CATEGORY

DIVISION

VARIOUS, CAPITAL AREA MPO: BICYCLE, PEDESTRIAN, ENGINEERING
TRANSIT, AND TRANSPORTATION ALTERNATIVES
PROGRAM (TAP)-ELIGIBLE PROJECTS.

ADD FUNDING BEYOND FY18 AT REQUEST OF MPO.

FY 2016 -	\$100,000	(STBGDA)
FY 2016 -	\$25,000	(L)
FY 2017 -	\$100,000	(STBGDA)
FY 2017 -	\$25,000	(L)
FY 2018 -	\$100,000	(STBGDA)
FY 2018 -	\$60,000	(TAPDA)
FY 2018 -	\$40,000	(L)
FY 2019 -	\$100,000	(STBGDA)
FY 2019 -	\$60,000	(TAPDA)
FY 2019 -	\$40,000	(L)
FY 2020 -	\$100,000	(STBGDA)
FY 2020 -	\$60,000	(TAPDA)
FY 2020 -	\$40,000	(L)
FY 2021 -	\$100,000	(STBGDA)
FY 2021 -	\$60,000	(TAPDA)
FY 2021 -	\$40,000	(L)
FY 2022 -	\$100,000	(STBGDA)
FY 2022 -	\$60,000	(TAPDA)
FY 2022 -	\$40,000	(L)
FY 2023 -	\$100,000	(STBGDA)
FY 2023 -	\$60,000	(TAPDA)
FY 2023 -	\$40,000	(L)
FY 2024 -	\$100,000	(STBGDA)
FY 2024 -	\$60,000	(TAPDA)
FY 2024 -	\$40,000	(L)
FY 2025 -	\$100,000	(STBGDA)
FY 2025 -	\$60,000	(TAPDA)
FY 2025 -	\$40,000	(L)
FY 2026 -	\$100,000	(STBGDA)
FY 2026 -	\$60,000	(TAPDA)
FY 2026 -	\$40,000	(L)
FY 2027 -	\$100,000	(STBGDA)
FY 2027 -	\$60,000	(TAPDA)
FY 2027 -	\$40,000	(L)
RIGHT-OF-WAY	FY 2016 -	\$400,000 (STBGDA)
	FY 2016 -	\$100,000 (L)
	FY 2017 -	\$400,000 (STBGDA)
	FY 2017 -	\$100,000 (L)
	FY 2018 -	\$200,000 (STBGDA)
	FY 2018 -	\$120,000 (TAPDA)
	FY 2018 -	\$80,000 (L)
	FY 2019 -	\$200,000 (STBGDA)
	FY 2019 -	\$120,000 (TAPDA)
	FY 2019 -	\$80,000 (L)
	FY 2020 -	\$200,000 (STBGDA)
	FY 2020 -	\$120,000 (TAPDA)
	FY 2020 -	\$80,000 (L)
	FY 2021 -	\$200,000 (STBGDA)
	FY 2021 -	\$120,000 (TAPDA)
	FY 2021 -	\$80,000 (L)
	FY 2022 -	\$200,000 (STBGDA)

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
 HIGHWAY PROGRAM
 STIP MODIFICATIONS

DIVISION 5

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 5

FY 2017 -	\$250,000	(TAPDA)	
FY 2017 -	\$700,000	(L)	
	\$56,700,000		

DIVISION 7

EL-4828A	MORGAN CREEK GREENWAY, PHASE 1	CONSTRUCTION	FY 2017 -	\$298,000	(STBGDA)
ORANGE	<u>TO ALLOW ADDITIONAL TIME TO ANALYSE THE</u>		FY 2017 -	\$74,000	(L)
PROJ.CATEGORY	<u>FLOOD PLAIN, DELAY CONSTRUCTION FROM FY 16 TO</u>			\$372,000	
TRANSITION	<u>FY 17.</u>				

EL-4828B	MORGAN CREEK GREENWAY, PHASE 2	CONSTRUCTION	FY 2018 -	\$730,000	(TAPDA)
ORANGE	<u>TO ALLOW ADDITIONAL TIME TO ANALYSE THE</u>		FY 2018 -	\$182,000	(L)
PROJ.CATEGORY	<u>FLOOD PLAIN, DELAY CONSTRUCTION FROM FY 16 TO</u>			\$912,000	
TRANSITION	<u>FY 18.</u>				

DIVISION 8

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

DIVISION 9

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

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

* INDICATES FEDERAL AMENDMENT

Thursday, August 04, 2016

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

DIVISION 10

B-5930	SARDIS LANE, REPLACE BRIDGE 590433 OVER	RIGHT-OF-WAY	FY 2017 -	\$50,000	(STPOFF)
MECKLENBURG	MCALPINE CREEK.		FY 2017 -	\$13,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY</u>	CONSTRUCTION	FY 2018 -	\$625,000	(STPOFF)
DIVISION	<u>RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>		FY 2018 -	\$156,000	(L)
	<u>CONSTRUCTION FROM FY 17 TO FY 18.</u>			\$844,000	

I-5507	I-485, I-485, I-77 SOUTH OF CHARLOTTE TO US 74	RIGHT-OF-WAY	FY 2017 -	\$1,600,000	(T)
MECKLENBURG	(INDEPENDENCE BOULEVARD). ADD ONE EXPRESS	CONSTRUCTION	FY 2017 -	\$35,800,000	(T)
PROJ.CATEGORY	LANE IN EACH DIRECTION.		FY 2017 -	\$17,200,000	(BOND R)
STATEWIDE	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY</u>		FY 2018 -	\$53,000,000	(T)
	<u>RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>		FY 2019 -	\$53,000,000	(T)
	<u>CONSTRUCTION FROM FY 16 TO FY 17.</u>		FY 2020 -	\$53,000,000	(T)
				\$213,600,000	

I-5768	I-77, SOUTH CAROLINA LINE TO SR 1577 (WEST	CONSTRUCTION	FY 2017 -	\$4,450,000	(NHPIM)
MECKLENBURG	TYVOLA ROAD). PAVEMENT REHABILITATION.		FY 2018 -	\$4,450,000	(NHPIM)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>			\$8,900,000	
STATEWIDE	<u>CONSTRUCTION FROM FY 16 TO FY 17.</u>				

DIVISION 12

C-5562	GASTONIA, BIKE AND PEDESTRIAN IMPROVEMENTS	CONSTRUCTION	FY 2016 -	\$300,000	(CMAQ)
GASTON	BETWEEN DOWNTOWN AND LINEBERGER PARK.		FY 2016 -	\$75,000	(L)
PROJ.CATEGORY	<u>INCREASE FUNDING. NOTE: \$220,000 HAS ALREADY</u>			\$375,000	
EXEMPT	<u>BEEN AUTHORIZED.</u>				

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

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

* INDICATES FEDERAL AMENDMENT

Thursday, August 04, 2016

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

DIVISION 13

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

STIP DELETIONS

DIVISION 13

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

ITEM N SUMMARY

ADDITIONS	3 PROJECTS	\$11,878,024
MODIFICATIONS	16 PROJECTS	
DELETIONS	1 PROJECTS	\$777,000
	20 PROJECTS	\$11,101,024

* INDICATES FEDERAL AMENDMENT

NCDOT August 4, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 47 Agreements for approval by the Board of Transportation.

Statewide

North Carolina Center for
Geographic Information and
Analysis
Wake County
36249.3665

This Project consists of the Department providing Orthoimagery Advisory and Technical Services for the Digital Piedmont 2017 Project defined in 26 counties. The Agency shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost of the work is \$161,826.

US Fish and Wildlife Service
(USFWS)
Wake County
S0068

This Agreement is to provide funding for three positions at the US Fish and Wildlife Service over a period of five years. Said positions shall perform work exclusively for NCDOT projects, providing expedited project delivery, technical assistance and review/coordination of Department Projects across the state. The Department shall reimburse the USFWS an estimated cost of \$2,410,000 over the five year period.

North Carolina Floodplain
Mapping Program (NCFMP)
Wake County

This revised Memorandum of Agreement (MOA) provides for services to the Department for updates to the flood insurance rate maps (FIRMS) in order to maintain National Flood Insurance Program (NFIP) compliance associated with the Department's projects, complete map revisions for certain projects, and updating certain reports and studies as required by FEMA and other governmental agencies by NCFMP. This agreement also allows the Department to provide information to NCFMP for certain projects for review and approval for the included activities. The Department shall reimburse NCFMP the actual costs of the work as agreed upon under the terms of the MOA.

Division 2

Carolina Coastal Railway
Pitt County
R-2250
34411.3.R7

This Rail Project consists of construction on US 264 (Greenville Southwest Bypass) beginning at Station 17+50.00 -L- running in a north-westerly direction over the tracks of Railroad to Station 682+46.77 -L-, identified for preliminary engineering as State Project 34411.3.R7 in Pitt County, and in connection to construct structures at separated grades across Railroad's right of way, tracks and other facilities near Railroad Milepost 151.75.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 2, cont.

City of New Bern
Craven County
M-0499R
44509.1.30

This Project consists of planning activities for a five year comprehensive transportation plan for the New Bern Metropolitan Planning Organization (MPO) and the City of New Bern for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Greenville
Pitt County
M-0499P
44509.1.10

This Project consists of planning activities for a five year comprehensive transportation plan for the Greenville Urban Area Metropolitan Planning Organization (GUA MPO) and the City of Greenville for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

Division 3

Town of Watha
Pender County
42894

This Rail Agreement provides for the general cleanup and maintenance of the Wallace to Castle Hayne rail corridor within the Department's railroad right-of-way inside the municipal limits. General cleanup will include mowing, vegetation control, removal and disposal of debris. The Municipality will perform the work. The Department will reimburse the Municipality \$3,600 per year for 5 years. The estimated cost to the Department is \$18,000.

Waccamaw Regional Council of
Governments
Brunswick County
M-0499S
44509.1.31

This Project consists of planning activities for a five year comprehensive transportation plan for the Grand Strand Area Metropolitan Planning Organization (GSA MPO) and the Waccamaw Regional Council of Governments for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Jacksonville
Onslow County
M-0499L
44509.1.13

This Project consists of planning activities for a five year comprehensive transportation plan for the Jacksonville Urban Metropolitan Planning Organization (JUMPO) and the City of Jacksonville for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 3, cont.

City of Wilmington
New Hanover County
U-5534/M-0499N
44509.1.16
44509.1.24

This Project consists of planning activities for a five year comprehensive transportation plan for the Wilmington Urban Area Metropolitan Planning Organization (WMPO) and the City of Wilmington for the annual Unified Planning Work Program (UPWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

Division 4

City of Goldsboro
Wayne County
P-5100
42538.1.1

On May 15, 2009, the Department and the Municipality entered into a Rail Agreement for the rehabilitation of the historic 1909 Goldsboro Union Station, including site work. The Department's participation in the cost of the work was \$900,000. This Supplemental Rail Agreement changes the scope of the project to include streetscape improvements, and revises the Department's participation from \$900,000 to \$1,035,000. Federal Enhancements funds will provide \$920,000 (80%), State funds will provide \$115,000 (10%), and Municipal funds will provide \$115,000 (10%), for a total project cost of \$1,150,000.

City of Goldsboro
Wayne County
P-5100
42073

This Rail Agreement provides for the installation of a new roof on the 1909 Goldsboro Union Station. The Municipality, and/or its contractor, will perform all of the work. The Department will participate in 50% of the cost of the work or up to \$286,000, whichever is less.

City of Goldsboro
Wayne County
M-0499H
44509.1.8

This Project consists of planning activities for a five year comprehensive transportation plan for the Goldsboro Metropolitan Planning Organization (GMPO) and the City of Goldsboro for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

City of Rocky Mount
Edgecombe County
M-0499Q
44509.1.15

This Project consists of planning activities for a five year comprehensive transportation plan for the Rocky Mount Urban Area Metropolitan Planning Organization (MPO) and the City of Rocky Mount for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 4, cont.

CSX Transportation, Inc. (CSXT) Town of Fremont Wayne County Y-5500DC	This Rail Agreement provides for the permanent closure of the municipal railroad at-grade crossings on North Street, milepost AC 148.58, and South Street, milepost AC 149.02. The Department will perform all work not on railroad right-of-way. CSXT will perform the work within its right-of-way. CSXT will contribute \$8,000 for work performed by the Department. The estimated cost to the Department is \$75,000.
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Division 5

City of Henderson Vance and Warren Counties I-0914 BA 38688.3.GVS6BA	This Project consists of improvements on I-85 from south of US 158 in Vance County to north of SR 1237 (Manson Drewry Road). The Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$73,456.25.
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Department of Commerce (Commerce) Wake County 32227	On September 1, 2014, the Department and Commerce entered into a 1 year Rail Agreement for the establishment and staffing of a mutually agreed upon "Call Center" that would answer and refer telephone calls regarding 1-800-BYTRAIN and Travel and Tourism. Amendment 1 to the Call Center Agreement was executed on September 9, 2015, and extended the Agreement through August 31, 2016. The Department and Commerce now wish to modify the terms and responsibilities of the Agreement executed on September 1, 2014, and amended September 9, 2015, by executing a new Call Center Agreement that will supersede the previously executed agreements. The New Call Center Agreement will distribute current and pertinent information regarding traffic conditions, rail schedules, and travel and tourism. The term of the Agreement will be for 3 years, with an option for 2 additional years. The annual cost of \$20,184.00 shall be shared 50/50, the Department will participate in the cost in the amount of \$10,092.00 and Commerce will participate in the cost in the amount of \$10,092.00.
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NCDOT August 4, 2016 Board of Transportation Agenda

Division 5, cont.

Town of Youngsville
Franklin County
C-5604 QA
43714.1.9
43714.3.9

This Project consists of bicycle and pedestrian streetscape improvements to Main Street that originated in the 2014 Northeast Area Study (NEAS). Improvements include construction of sidewalks, curb extensions, cross-walks, and share lane markings, along with other streetscape improvements in Youngsville. The Department shall reimburse the Municipality 80% of approved eligible costs from the CMAQ funds allocation, not to exceed \$506,000. The Municipality will be responsible for providing the 20% (\$126,500) non-federal match for the CMAQ funds and all costs that exceed the total estimated cost.

Town of Apex
Wake County
U-5928
44822.3.1

This Project consists of construction of a grade separated interchange for the Apex Peakway at South Salem Street and the CSX railroad tracks. The Department shall reimburse the Municipality 50% of approved eligible costs from the STP-DA funds allocation, not to exceed \$2,500,000. The Municipality will be responsible for providing the 50% (\$2,500,000) non-federal match for the STP-DA funds and all costs that exceed the total estimated cost. The Municipality's cost is estimated to be \$4,600,000.

Town of Fuquay Varina
Wake County
U-5927A
44796.3.2

This Project consists of the construction phase of .47 miles of widening N. Judd Parkway NE (SR 2768 and SR 5056) from three lanes to four lanes with median and left turn lanes at intersections in Fuquay Varina. The Department shall reimburse the Municipality 73% (\$1,686,000) from STP-DA funds and \$500,000 from state contingency funds. The Municipality shall provide the 27% local match and all costs that exceed the total estimated cost of \$2,810,000.

Town of Wake Forest
Wake County
C-5164
46229.1.1
46229.2.F1
46229.3.F1

This Project consists of the construction of a trail and sidewalk to connect major activity centers in Wake Forest. This Supplemental Agreement is to provide additional funding in the amount of \$600,000 from Transportation Alternative Program (TAP) funds. The Municipality shall provide \$600,000 as the non-federal match and all costs that exceed the total estimated funding amount of \$4,622,233. This Supplemental Agreement also extends the completion date of the Project to March 31, 2018, in lieu of October 30, 2017.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 5, cont.

Town of Fuquay Varina
Wake County
U-5118GB
42379.3.37

This Project consists of the construction of intersection operational improvements within the existing right-of-way and roadway by adding dual left-turn lanes on the Sunset Lake Road/Purfoy Road quadrants onto US 401, relocation of pedestrian signal heads, traffic signal revisions, and installation of raised concrete medians in Fuquay Varina. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$686,400. The Municipality will be responsible for providing the 20% (\$171,600) non-federal match and all costs that exceed the total estimated cost.

City of Durham
Durham County
EB-4707B
38664.3.2

This Project consists of street and highway improvements on SR 2220 (Old Durham Chapel Hill Road) from SR 1113 (Pope Road) to SR 1116 (Garrett Road). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$575,650.

Town of Wake Forest
Wake County
EL-5100AE
41821.1.41
41821.2.41
41821.3.41

This Project consists of the design and construction of a 10-foot wide greenway from the NC 98 Bypass (Dr. Calvin Jones Highway) pedestrian culvert north to the town property and spurs to the west connecting to existing sidewalks within Deacons Ridge and Cardinal Park subdivisions in Wake Forest. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$365,440 (80%) and the Municipality's was \$91,360 (20%) for a total estimated cost of \$456,800. The Department agrees to reimburse the Municipality an additional \$300,000 (50%) of STP-DA funds, and the Municipality will provide an additional \$300,000 (50%) as their local match, for a total additional cost of \$600,000. The Municipality is responsible for all costs that exceed the total estimated Project funding amount of \$1,056,800.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 5, cont.

Town of Apex
Wake County
R-2635B
35520.5.TA1

This Project consists of the Western Wake Freeway from south of the future intersection of US 1 and Western Wake Freeway to north of the intersection of Olive Chapel Road (SR 1160) and Western Wake Freeway. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$843,077.

City of Raleigh
Wake County
U-4850
44509.1.4
39225.1.21

This Agreement is to perform planning work with the Municipality, which has been designated as the Lead Planning Agency for the Capital Area Metropolitan Planning Organization (CAMPO). The work is identified in the annual Unified Planning Work Program (UPWP) prepared by the MPO and approved by the policy board of the MPO, the Department, and FHWA.

City of Durham
Durham County
U-4727
44509.1.5
39225.1.18

This Agreement is to perform planning work with the Municipality, which has been designated as the Lead Planning Agency for the Durham Chapel Hill Carrboro Metropolitan Planning Organization (DCHC MPO). The work is identified in the annual Unified Planning Work Program (UPWP) prepared by the MPO and approved by the policy board of the MPO, the Department, and FHWA.

Division 6

Town of Angier
Harnett County
U-5530 PA
44111.1.17
44111.3.17

This Project consists of the extension of 5-foot sidewalk west along Hwy 210 from Walgreens to Fish Drive and south along Park Street from Hwy 210 to W. Lillington Street in Angier. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$418,280. The Municipality will be responsible for providing the 20% (\$104,570) non-federal match funds authorized and all costs that exceed the total estimated cost \$522,850.

Cumberland County Joint
Planning Board
Cumberland County
M-0499F
44509.1.6

This Project consists of planning activities for a five year comprehensive transportation plan for the Fayetteville Area Metropolitan Planning Organization (FAMPO) and the Cumberland County Joint Planning Board for the annual Planning Work Program (PWP). The Department will participate in eighty-percent (80%) of eligible costs. The Municipality shall provide the non-federal match.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 7

Town of Chapel Hill
Orange County
U-5550
50154.3.2

This Project consists of intersection improvements at SR 1742 (Ephesus Church Road) and US 15/501(Fordham Boulevard). The improvements include realignment, construction of turn lanes, widening and extension within the project limits in Chapel Hill. The Department shall participate in the actual Construction costs up to a maximum amount of \$2,170,000 (estimated costs are \$2,170,000).

North Carolina Railroad Company
(NCRR)
Norfolk Southern Railway
(Railroad)
Alamance County
U-3109A
34900.1.1

This Rail Project consists of construction of a new grade separation on the proposed new location of NC 119 beginning at Station 142+41.10 -L- running in a northerly direction over the tracks and related facilities owned by NCRR and operated by Railroad to Station 147+35.41 -L- identified for preliminary engineering as State Project WBS 34900.1.1 and Federal Project STP-0119(10) in Alamance County, and in connection to construct a crossing at separated grade, including the superstructure and substructure, the handrails therefore, the wearing surface of the highway, the approaches and the drainage and other related facilities across the NCRR's Corridor, property and right-of-way, tracks and other facilities at or near Railroad's Milepost H-30 in accordance with plans and specifications prepared by Department.

City of Greensboro
Guilford County
17BP.7.R.81

This Project consists of replacing Bridge No. 40 on SR 1116 (Bishop Road) over Hickory Creek in Greensboro. 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 estimated cost to the Municipality is \$44,819.

City of Greensboro
Guilford County
U-2524D
34820.3.30

This Project consists of Greensboro-Western Loop from North of US 220 (Battleground Avenue) to North of SR 2303 (Lawndale Drive) in Greensboro. 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 estimated cost to the Municipality is \$195,127.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 8

City of Asheboro
Randolph County
R-2536
34450.3.8

This Design-Build Project consists of improvements to US 64 (Asheboro Southern Bypass) from US 64 West of Asheboro to existing US 64 East of Asheboro and Zoo Connector from east of SR 2839 (Staleys Farm Road) to the existing Zoo entrance. 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 pay the Department a lump sum amount of \$1,547,997.53 for the work.

Aberdeen Carolina & Western
Railway (ACWR)
Montgomery, Moore & Stanly
Counties
80000.1.4.29

This Rail Agreement supersedes the agreement that was approved on the May 5, 2016 Board of Transportation agenda, and revises the counties of work from Montgomery, Moore, and Anson to Montgomery, Moore and Stanly Counties. There are no other changes in the scope of work and/or cost of the project. The Agreement covered the approval of a Rail Freight Assistance grant from the State's Freight Rail & Rail Crossing Safety Improvement (FRRCSI) fund to assist ACWR with infrastructure improvements necessary to the railroad. The project consists of bridge repairs located at mileposts 23.1, 56.4, 338.5, and 346. ACWR will be responsible for performing the work. The Department will participate in the cost of the project to the extent of 50% or up to \$222,500, whichever is less. The estimated cost of the project is \$445,000. As a condition of the award, ACWR and the Department shall enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five years.

Division 9

Salisbury-Rowan Utilities
Rowan County
I-3802B
36780.2.U3

This Project consists of additional lanes on I-85 from Lane Street (Exit 63) to US 29-601 Connector (Exit 68). At the request of the Municipality the Department shall include provisions in the construction contract for the contractor to adjust and relocate municipal water lines. The estimated cost to the Municipality is \$85,311.90.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 10

City of Concord
Cabarrus County
U-4910A
40373.3.3

This Project consists of street and highway improvements on SR 1445 (Derita Road) from SR 2894 (Concord Mills Boulevard) to Aviation Boulevard. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$930,000.

City of Concord
Cabarrus County
U-4910B
40373.3.F2

This Project consists of street and highway improvements on SR 1445 (Derita Road) from Aviation Boulevard to SR 1394 (Poplar Tent Road). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$320,000.

Charlotte Water
Mecklenburg County
17BP.10.R.50

This Project consists of the replacement of Bridge 81 over branch of Clarks Creek on SR 2481 (Hucks Road). At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Agency is \$566,866.09.

City of Kannapolis
Cabarrus County
U-3440
39010.3.2

This Project consists of NC 3 from proposed West Side Bypass (U-2009) to SR 1691 (Loop Road). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Municipality is \$1,638,613.40.

Mecklenburg County Parks and
Recreation (County)
Mecklenburg County
W-5601FJ
50138.1.167
50138.2.167
50138.3.167

This Project consists of improvements at the intersection of Davidson Concord Road (NC 73) and Ramah Church Road (SR 2439) in Huntersville and includes widening of both roads and the installation of a new traffic signal. The estimated cost of the Project is \$450,000. The Department will provide \$100,000 in project funds towards the cost of the project. The County shall be responsible for all costs that exceed the Department's funding. The estimated reimbursement from the County is \$350,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 11

City of Mount Airy
Surry County
17BP.11.R.115

This Project consists of the replacement of Bridge No. 850094 over the Ararat River on SR 1727 (Linville Road) in Mount Airy. This Utility Agreement is to insert waterline hangers on the north side of the bridge. The Municipality shall be responsible for the entire cost of the work. The estimated reimbursement from the Municipality is \$12,050.

Division 12

City of Mount Holly
Gaston County
U-3633
37649.1.1

This Project consists of improvements on NC 273 (South Main Street) from Tuckaseegee Road at Beatty Road to Highland Street at A & E Drive in Mount Holly. At the request of the Municipality, the Department shall use its utility engineering firm to engineer the utility plans for the relocation of water and sewer lines. The estimated reimbursement from the Municipality is \$12,447.95.

City of Hickory
Catawba County
B-5549
55047.1.1
55047.2.1
55047.3.1

The Project consists of the replacement of Bridge No. 327 located on Falling Creek Road over Falling Creek in Hickory. This Supplemental Agreement is to provide additional funding in the amount of \$586,400 (80%) from Municipal Bridge Program funds. The Municipality shall provide \$146,600 (20%) as the non-federal match.

Town of Cramerton
Gaston County
M-0492M
44527.1.14

This Project consists of the development of a Comprehensive Bicycle and Pedestrian Plan for the Town of Cramerton. The Department shall be responsible for all phases of the Project. The Department shall participate in the Project costs up to a maximum of \$36,000. The Municipality will provide a local match in the amount of \$4,000. This Agreement supersedes the prior board approval on May 5, 2016.

City of Lincolnton
Lincoln County
C-5606I
43728.1.9
43728.3.9
44818

This Project consists of adding a raised concrete sidewalk to Bridge #277 on NC 27/150 over US 321 by converting an excess travel lane on NC 27/150 (East Main Street) in the area of the bridge into a sidewalk. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of eligible expenses from CMAQ funds, not to exceed \$158,000. The Department shall also reimburse 100% of eligible expenses from State Contingency Funds not to exceed \$250,000. Estimated total Department participation is \$408,000. The Municipality shall provide \$42,000 as the non-federal match and all costs that exceed the total estimated cost. The estimated cost of the Project is \$450,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 12, cont.

City of Claremont
Catawba County
C-5195
46247.1.1
46247.3.1

This Project consists of constructing sidewalk in multiple locations along Centennial Boulevard, Calvin Street, S. Depot Street, Yount Street, Bethlehem Drive and School Street in Claremont. This Supplemental Agreement is to modify the scope of the Project. The Centennial Boulevard location will be eliminated from the Project.

NCDOT August 4, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 46 Agreements for informational purposes only.

Statewide

North Carolina State University
Statewide
C-4902A
44002.1.2

This Project consists of the implementation and operation of the Clean Fuel Awareness Technology (CFAT) Program by North Carolina State University. This Supplemental Agreement restricts the maximum amount of funding to be reimbursed to the University and clarifies the completion date of the Project.

Division 1

North Carolina Wildlife
Resources Commission
Gate County
36249.3664

This Project consists of the replacement of various pipe and road improvements in the Chowan Game Lands. The Department shall be responsible for all phases of the Project. The Agency shall reimburse the Department \$63,000 for work performed by the Department. The estimated total cost of Project is \$63,000.

Division 2

Town of Beaufort
Town of Beaufort Fire
Department
Carteret County
48124

This Project consists of the construction of a driveway access at 900 Cedar Street for the Town of Beaufort Fire Department. 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 \$25,000. Costs which exceed this amount shall be borne by the Municipality.

Division 3

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

This Project consists of the design and construction of a multi-use path that begins at Mike Chappell Park along the existing cleared fire path and terminates at Greenville Avenue and the Harper Avenue bike lanes will consist of a bicycle boulevard on existing pavement on each side of Harper Avenue from Dow Road to Lake Park Boulevard. This Supplemental Agreement extends the completion date for the Project to June 30, 2017, in lieu of September 30, 2014.

Town of Richlands
Onslow County
3.106715
3.206715

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$2,119.08 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 3, cont.

City of Jacksonville
Onslow County
3.106715
3.206715

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$10,203.92 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of North Topsail Beach
Onslow County
3.106715

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$5,353.20 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Leland
Onslow County
3.201015

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$2,677.80 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Wilmington
New Hanover County
3.106515
3.206515

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$41,932.32 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Carolina Shores
Brunswick County
3.201015

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$829.04 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Holly Ridge
Onslow County
3.106715
3.206715

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$1,731.92 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 3, cont.

City of Boiling Springs Lakes
Brunswick County
3.101015
3.201015

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$4,506.66 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Teachey
Duplin County
3.203115

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$1,586.05 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Oak Island
Brunswick County
3.101015

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$7,767.12 for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

Town of Calabash
Brunswick County
3.101015
3.201015

This Project consists of mowing along various state roadways in the Municipality. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$3,800.49. for a minimum of (4) routine mowing cycles and (2) cleanup cycles or Six (6) cycles per year.

M. M. Fowler, Inc.
New Hanover County
36249.3653

This Project consists of traffic signal review and inspection for the traffic signal at US 421 (Carolina Beach Road) and SR 1524 (Golden Road) [SIN 03-0830]. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Halpern Development
Company, LLC
New Hanover County
36249.3652

This Project consists of traffic signal review and inspection for the traffic signal at US 17 Business (Market Street) and SR 1403 (Middle Sound Loop Road) [SIN 03-0076]. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 3, cont.

Town of Caswell Beach
Brunswick 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.

Enviva Pellets Sampson, LLC.
Sampson County
36249.3654

This Project consists of Signal design and installation at US 117 Connector at NC 403 and Enviva driveway regarding Enviva Pellets Sampson, LLC. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department \$129,058.37 for work performed by the Department. The estimated total cost of Project is \$129,058.37.

Town of Leland
Brunswick County
36249.3656

This Project consists of design, fabrication, and installation of directional signs at the intersection of Village Road (SR 1472) and Fairview Road (non-system) and at the intersection of Village Road with South Navassa Road (SR 1435) and Old Fayetteville Road (SR 1437). The Entity shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$17,400.

Lidl US, LLC
New Hanover County
36249.3655

This Project consists of traffic signal review and inspection for the traffic signal at US 74 (Eastwood Road) and Cavalier Drive related to the Cambridge Village development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

Bay Foods, Inc.
Brunswick County
36249.3657

This Project consists of traffic signal review and inspection for the traffic signal at US 74/76 at NC 87 (Maco Road) and SR 1419 (Northwest Road) related to the Hardees development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

HT Properties, LLC
New Hanover County
36249.3668

This Project consists of traffic signal review and inspection for the traffic signal at US 421 (North Lake Park Boulevard) at Harris Teeter retail driveway associated with the Harris Teeter development. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 5

Town of Cary
Wake County
EL-5100 GG
41821.1.17
41821.3.43

This Project consists of the design and construction for the trailhead parking areas along Old Reedy Creek Road at the Black Creek Greenway in Cary. This Supplemental Agreement extends the completion date of the Project to September 1, 2017, in lieu of June 1, 2016.

Lidl US, LLC
Wake County
36248.3663

This Project consists of a new signal installation at SR 2000 (Wake Forest Road) and Ronald Drive/Ollie Street. 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 \$70,000.

City of Raleigh
Wake County

This Agreement provides for the serving of food and beverages on property within or adjacent to State right of way under legislation enacted by the North Carolina General Assembly. The Municipality shall administer a sidewalk dining ordinance and issue approval of permits allowing sidewalk dining in State right of way under the conditions and criteria required by the law.

Town of Wake Forest
Wake County
U-5118 BA
42379.1.3
42379.3.F3

This Project consists of improvements on Ligon Mill Road, adding turn lanes, sidewalks, bike lanes, streetlights, and pedestrian signal. The Municipality is responsible for all phases of the project. This Supplemental Agreement extends the completion date for the Project to December 31, 2018, in lieu of September 1, 2016.

Town of Cary
Wake County
U-5500
45487.1.1

This Project consists of the environmental study and preliminary engineering for widening Green Level West Road from two lanes to four lanes, starting at NC 55 west to Green Level Church Road in Cary. This Supplemental Agreement extends the completion date for the Project to July 1, 2017 in lieu of July 31, 2016.

Wake Technical Community
College
Wake County
44824

This Project consists of paving the unpaved portion of SR 1706 (Watkins Road) in Morrisville. The Agency is responsible for all phases of the work. The Department shall participate in the actual Construction costs up to a maximum amount of \$242,593. Costs which exceed this amount shall be borne by the Agency. Total estimated costs are \$377,481.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 5, cont.

Knightdale Investors, LLC
Wake County
36249.3671

This Project consists of modifying the signal at US 64 Business (Knightdale Boulevard) at the Square D Driveway in Knightdale. 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.

Research Triangle Foundation of
North Carolina
Durham County
36249.3672

This Project consists of the new signal installation at NC 54 at Park Drive/BASF Driveway, Durham. 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 \$7,500.

Division 6

NC Piedmont Natural Gas
Cumberland County
50079.3.FD1

The Project consists of a right turn lane on SR 2220 (Tom Starling Road) at SR 2333 (Corporation Drive) in conjunction with the Project to realigning two curves along SR 2220 between US 301 and NC 87, including widening, resurfacing and a left turn lane at SR2333. The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$26,500 for work performed by the Department. The estimated total cost of Project is \$26,500.

City of Fayetteville
Cumberland County
36249.3669

This Project consists of review of the design plans and inspection of the roadway improvements, pavement markings and traffic signal revisions to connect Rayconda Road to US 401 Raeford Road) at the VA Clinic entrance. The Municipality shall be responsible for all phases of the Project. The Municipality shall reimburse the Department one hundred percent (100%) of the actual cost for work performed by the Department in reviewing the proposed Project documents, upon completion of the work performed.

Lowes Homes Centers, LLC
Cumberland County
45336.3.FR27

The Project consists of construction of a right turn lane, right, monolithic island and cross walks and signal, traffic signal; and an entrance from NC 59 onto Butler Street in conjunction with the widening and construction of turn lanes Project W-5206AA on NC 59 (Hope Mills Road). The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$465,000 for work performed by the Department. The estimated total cost of Project is \$465,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 6, cont.

Riddle Commercial Properties
Cumberland County
45336.3.FR27

The Project consists of construction of a right turn lane, right, monolithic island and cross walks and signal, traffic signal; and an entrance from NC 59 onto Butler Street in conjunction with the widening and construction of turn lanes Project W-5206AA on NC 59 (Hope Mills Road). The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$175,000 for work performed by the Department. The estimated total cost of Project is \$175,000.

Division 7

City of Greensboro
Guilford County
44708

This Project consists of installation of mast arm signal poles, pedestrian signals and stamped crosswalks at the intersection of SR 4240 (Gate City Boulevard) and South Elm Street (non-system) and SR 4240 (Gate City Boulevard) and Arlington Street in Greensboro. The Department shall participate in the costs of the project in an amount not to exceed \$250,000. Costs which exceed this amount shall be borne by the Municipality.

City of High Point
Guilford County
36050.041
36053.041

This Agreement is to provide snow removal and ice removal along state maintained routes in the City of High Point. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$185,000 per year.

City of Greensboro
Guilford County
R-4707
36599

This Project consists of developing a preliminary design plan for moving vehicular traffic along US 29 in Greensboro. This Supplemental Agreement extends the completion date of the Project to December 31, 2018, in lieu of December 31, 2015.

Main Development Company,
LLC
Guilford County
36249.3650

This Project consists of a traffic signal installation at the intersection of NC 68 (Westchester Drive) and Idol Road (Non-system). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 8

Town of Southern Pines
Moore County
8.106315

This Agreement is to provide "routine" and/or "clean-up" mowing of vegetation within the rights of way of certain State maintained routes in Southern Pines. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount of \$7,500 per year.

Chatham County

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

Village of Whispering Pines
Moore County
B-5543
45526.1.1
45526.2.F1
45526.3.F1

This Project consists of replacement of Bridge No. 87 on S. Lakeshore Drive across Thaggard Lake in Whispering Pines. This Supplemental Agreement is for additional work included within the scope of the Project, consisting of form-lining two sides of the parapet, staining with a multi-colored stain and placing a single color stain on exposed concrete surfaces of the Bridge. The estimated cost to the Municipality for this betterment is \$41,958.

Division 10

KH Mint Hill LLLP
Mecklenburg County
36249.3667

This Project consists of the installation of a new traffic signal at the intersection of Albemarle Road (NC 24/27) and Cresswind Site Driveway. 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 11

Caldwell County
44782

This Project consists of constructing a driveway to the new Patterson Volunteer Fire Department Satellite Station at the intersection of US 321 and SR 1371 (Waterfalls Road) in Caldwell County. The County shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$25,000. Costs which exceed this amount shall be borne by the County.

NCDOT August 4, 2016 Board of Transportation Agenda

Division 11, cont.

Town of Hudson
Caldwell County
36249.3662

This Project consists of removing 2 existing signs and furnishing and installing 4 new guide signs on US 321 at SR 1952/1809 (Pine Mountain Road) in Hudson. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$2,600.

Town of Wilkesboro
Wilkes County
36249.3666

This Project consists of furnishing and installing signs for "2016 Men's 2A Golf State Champions" on existing directional signs on NC 16/18 at Moravian Falls Road in Wilkes County. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$740.00.

NCDOT August 2016 Board of Transportation Agenda

Approval of Municipal Street System Changes

Deletions from the State Highway System

BOT approval of the following will be retroactive to June 30, 2016.

Division	County	Municipality	Road	Termini	Length
10	Mecklenburg 2016_08_M001	Charlotte	SR 2467	To delete (SR 2467) portion of Lawrence Gray Road and renumber the remaining 2.69 miles to SR 2464	0.47
			SR 2477	To delete (SR 2477) Johnston Oehler Road	2.26

Correction

Division	County	Municipality	Road	Termini	Length
9	Forsyth 2016_07_M001 to correct the municipal agreement to Forsyth 2016_06_M001	Kernersville	SR 2636	To delete (SR2636) Beeson Road	0.73

NCDOT August 2016 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1 & R-2
2	Final Right of Way Plans	R-3
3	Revisions of Final Right of Way Plans	R-4 & R-5
4	Approval of Conveyance of Highway Right of Way Residues	R-6
5	Approval of Conveyance Revised Control of Access	R-7

Preliminary Right of Way Plans

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

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

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

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

(Division 1)

Hertford County; I.D. No. R-5311A; Project No. 45449.2.FS1:

US 13/NC 11 from West of Modlin Road to East of NC 11/SR 1213 (Old NC 11 Road)

(Division 2)

Pitt County; I.D. No. U-5606; Project No. 45834.2.2:

SR 1598 (Dickinson Avenue) from NC 11 to SR 1610 (Reade Circle)

(Division 5)

Wake County; I.D. No. U-5530GB; Project No. 44111.2.11:

Fuquay-Varina – Bridge Street Pedestrian Improvements sidewalk along approx.. 0.5 miles of Bridge Street Cross Over the Norfolk Southern Railway-Pedestrian Crossing

(Division 6)

Cumberland County; I.D. No. B-4491; Project No. 38389.2.FR1:

Bridge No. 22 over I-95B/US 301 on NC 59

(Division 7)

Guilford County; I.D. No. U-5169; Project No. 45220.2.1:

I-74/us 311 and NC 68 (Eastchester Drive)

Preliminary Right of Way Plans (continued)

(Division 8)

Randolph County; I.D. No. B-5928; Project No. 46371.2.1:

Bridge No. 175 over Mill Creek on SR 2614 (Grantville Lane)

Scotland County; I.D. No. B-5749; Project No. 45705.2.1:

Bridge No. 36 over Big Shoe Heel Creek on SR 1421 (McIntosh Road)

Scotland County; I.D. No. B-5746; Project No. 45702.2.1:

Bridge No. 43 over Leiths Creek on SR 1645 (Dixie Guano Road)

Scotland County; I.D. No. B-5744; Project No. 45700.2.1:

Bridge No. 50 over Bridge Creek on SR 1615 (Hasty Road)

Scotland County; I.D. No. B-5741; Project No. 45697.2.1:

Bridge No. 30 over Juniper Creek on SR 1425 (Lee's Mill Road)

(Division 10)

Union County; I.D. No. W-5601EA; Project No. 50138.2.130:

SR 1007 (Rocky River Road) Between SR 1150 (Old Waxhaw-Monroe Road) and Jonathan Circle

Final Right of Way Plans

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

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

(Division 3)

Project No. 38367.2.FD1; Brunswick County; I.D. No. B-4440:

Grading, drainage, paving and structure on Bridge No. 163 over Mulberry Branch on SR 1349 with the right of way indicated upon the final plans for said project.

Project No. 40233.2.1; Pender County; I.D. No. B-4929:

Grading, drainage, paving, structure and retaining walls on Bridge No. 16 over Intracoastal Waterway on NC 50-210 with the right of way indicated upon the final plans for said project.

(Division 11)

Project No. 34605.2.2; Alleghany County; I.D. No. R-4060:

Grading, drainage, paving, structure and retaining walls on US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21 with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 42271.2.FR1; Macon County; I.D. No. B-5125:

Grading, drainage, paving, signal and structure on Bridge No. 22 over Little Tennessee River on US 441 Business with the right of way indicated upon the final plans for said project.

Revisions of the Final Right of Way Plans

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

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

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

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

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

Final Right of Way plans approved on the minutes of the February 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 9 as presented at the August 4, 2016 Board of Transportation Meeting.

(Division 3)**Project No. 34416.2.5; I.D. No. R-2303D; Sampson County:**

Final Right of Way plans approved on the minutes of the September 5, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 6 as presented at the August 4, 2016 Board of Transportation Meeting.

(Division 9)**Project No. 34839.2.1; I.D. No. U-2579B; Forsyth County:**

Final Right of Way plans approved on the minutes of the November 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 13 & 14 as presented at the August 4, 2016 Board of Transportation Meeting.

Revisions of the Final Right of Way Plans (continued)

(Division 13)

Project No. 34832.2.2; I.D. No. U-2551; Burke County:

Final Right of Way plans approved on the minutes of the May 3, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 13 as presented at the August 4, 2016 Board of Transportation Meeting.

Project No. 35609.2.1; I.D. No. R-2519B; Yancey-Mitchell Counties:

Final Right of Way plans approved on the minutes of the June 2, 2011 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 27 & 33 as presented at the August 4, 2016 Board of Transportation Meeting

(Division 14)

Project No. 35022.2.1; I.D. No. U-4412; Haywood County:

Final Right of Way plans approved on the minutes of the January 9, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 10 as presented at the August 4, 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 3)

**TIP-3418 Project, Property between 3rd & 4th Streets and Campbell Street
New Hanover County**

Conveyance of approximately 1.511-acres to the City of Wilmington for the cost of the \$20 total per the signed Memorandum of Understanding approved by the Board of Transportation at the March 2016 meeting. These properties will serve as the Wilmington Multi-modal Transportation Center and parcel ID's include: R04813-029-011-000, R04813-029-009-000, R04813-029-007-000, R04813-029-002-000, R04813-029-008-000 and R04813-29-003-000.

(Division 5)

**Project 44092.2.STR01P5500, Parcel P-5500 016, SR 1004 (W. Garner Road) across
from SR 2848 (Meadowbrook Drive)**

Wake County

Conveyance of an approximate 3.336-acre residue area to the North Carolina Department of Public Safety (NC State Highway Patrol) for no monetary consideration. This residue property has been requested for the future expansion of their training track and facility. If any portion of the property is needed for future transportation uses, the North Carolina Department of Public Safety (NC State Highway Patrol) will convey back to the Department the portion needed for transportation uses at no cost. The North Carolina Department of Public Safety (NC State Highway Patrol) will reimburse the Department for the survey and appraisal fees.

**Project 8.T351212, Parcel I-0306C 045, I-85 from West of US 15-501 to West of
Broad Street**

Durham County

Conveyance of an approximate 0.088-acre residue area to Elmo Yancey, the only interested adjacent owner, for the appraised value of \$5,000.00.

(Division 7)

**Project 34820.2.19, Parcel U-2524D 093C, Greensboro Western Loop from East of
US 220 (Battleground Avenue) to East of SR 2303**

Guilford County

Conveyance of an approximate 0.020-acre residue area and 2 story townhouse to Gail Coleman for the high bid amount of \$60,100.00.

**Project 34820.2.19, Parcel U-2524D 095C, Greensboro Western Loop from East of
US 220 (Battleground Avenue) to East of SR 2303**

Guilford County

Conveyance of an approximate 0.020-acre residue area and 2 story townhouse to Gail Coleman for the high bid amount of \$58,500.00.

CONVEYANCE ROW RESIDUE	5 PROJECT(S)	\$123,620.00
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**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2016 - 2017**

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

July 18, 2016

MEMORANDUM TO: Board of Transportation
FROM: Transportation Planning Branch
SUBJECT: Submission of the Locust and Red Cross Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Branch has worked cooperatively with the City of Locust and the Town of Red Cross, as well as Stanly County, on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by the City of Locust on June 9, 2016; the Town of Red Cross on May 9, 2016; and Stanly County on July 11, 2016. The Rocky River RPO endorsed the plan on July 21, 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=Locust and Red Cross](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Locust%20and%20Red%20Cross)

The Transportation Planning Branch recommends the mutual adoption of the Locust and Red Cross Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of July 22, 2016.

Sincerely,

A handwritten signature in black ink, appearing to read 'J Alavi', written over a horizontal line.

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

Attachment

August 4, 2016

Adopted by:

City of Locust
Date: June 9, 2016

Town of Red Cross
Date: May 9, 2016

Please See
Cabarrus-Rowan MPO
Stanly County CTP
Date: July 11, 2016

NCDOT
Date:

Endorsed by:

Rocky River RPO
Date: July 21, 2016

Recommended by:
Transportation Planning Branch
Date: July 22, 2016

NOTES:

Locust and Red Cross

RECOMMENDED

Comprehensive Transportation Plan Stanly County

Plan date: January 21, 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

-  Schools
-  Roads
-  Railroads
-  Rivers and Streams
-  Water Bodies
-  Municipal Boundary
-  Planning Boundary
-  County Boundary

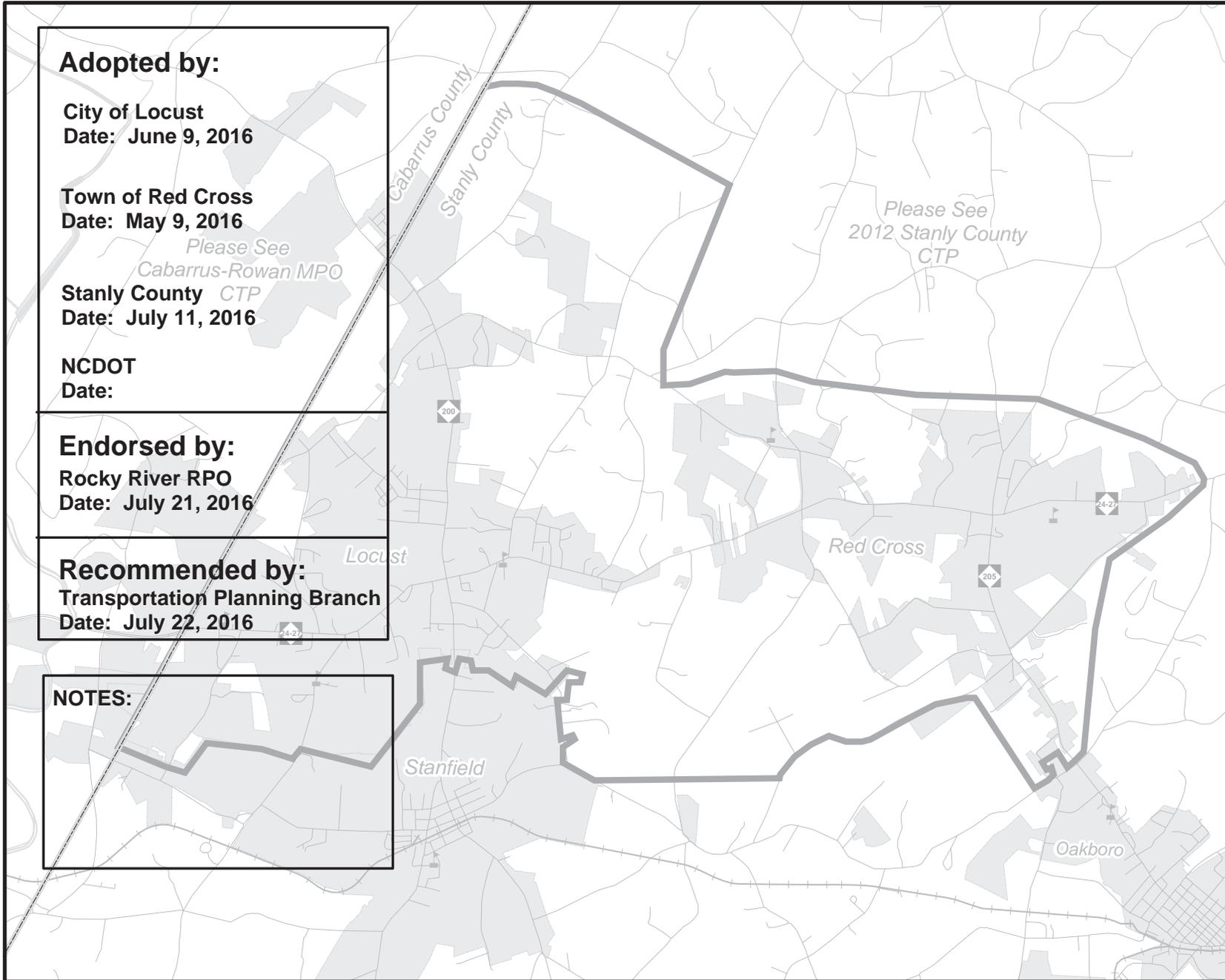
0 0.25 0.5 0.75 1 Miles

Sheet 1 of 5



Base map date: June 2014

Refer to CTP document for more details





Prioritization 4.0 Update

Board of Transportation
August 2016



P4.0 Highway Changes

Scaling of criteria measures (Cambridge)

- Better distribution of scores
- Removes factoring in scoring formulas, grades on curve from 0-100

Peak ADT

- Account for seasonal variations in traffic

Local contribution

- Larger impact on scoring for areas that contribute local funds

Statewide Travel Demand Model (NCSTM)

- Account for future traffic projections by calculating travel time savings
- Includes future land use provided by MPOs and RPOs

Safety benefits

- Account for safety impacts of the proposed improvement

P4.0 Highway Changes

Multimodal/Freight

- Separate criteria and account for distance to terminals (combined in P3.0)
- Projects no longer have to touch the terminal

Economic Competitiveness

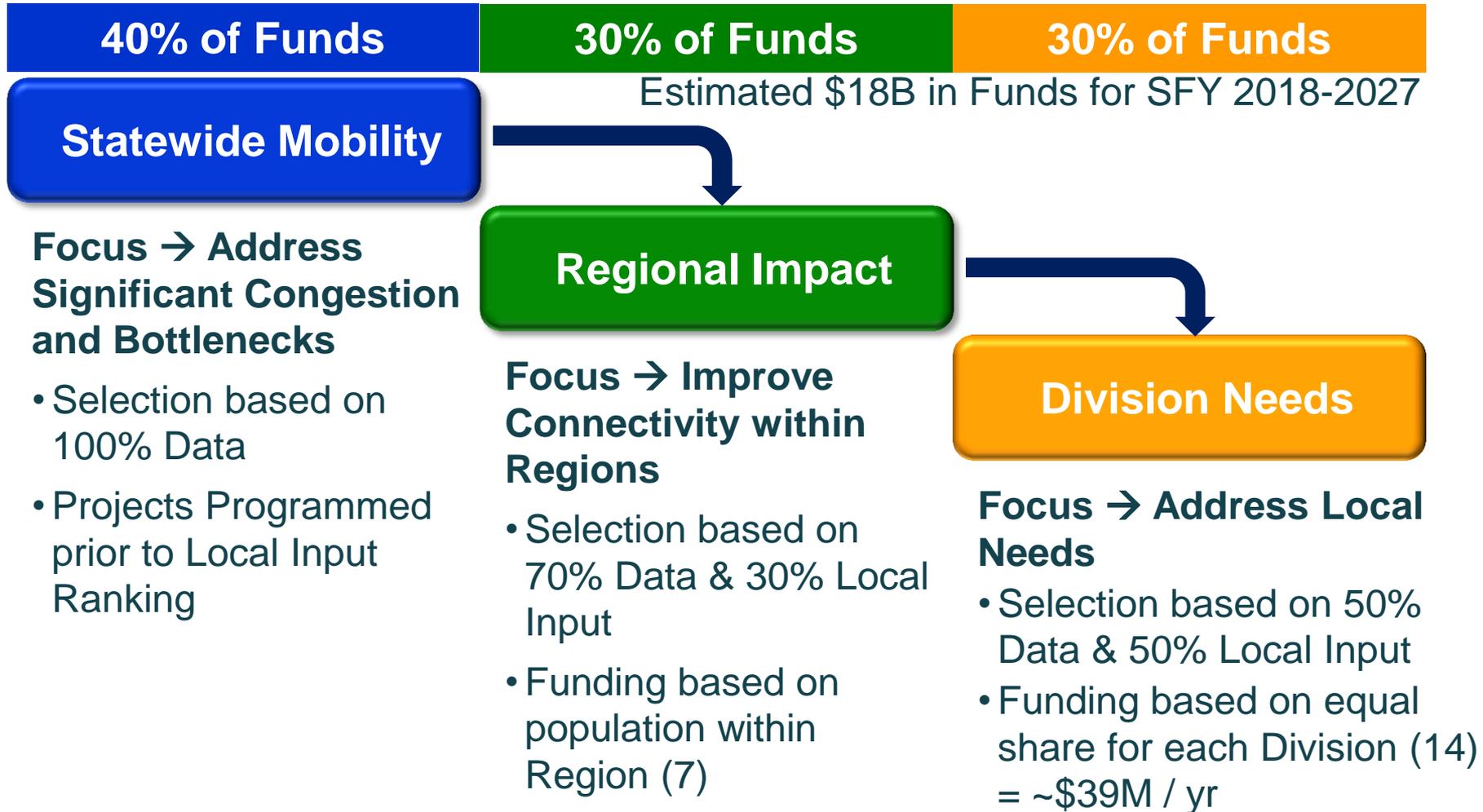
- Focus on county economy (Division economy in P3.0)

Accessibility/Connectivity

- Greater points to economically distressed counties

Criteria weights and measures slightly modified from P3.0

How STI Works



P4.0 Highway Scoring Criteria & Weights (Default)

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

P4.0 Schedule of Key Dates

<u>Date</u>	<u>Activity</u>
April 13, 2016	Quantitative Scores and Draft list of Programmed Statewide Mobility Projects released
April 18, 2016 – July 29, 2016	Regional Impact Local Input Points assignment window open (Division Needs Local Input Points optional)
August 2016	NCDOT calculates Regional Impact total scores and programs Regional Impact projects
September – October 2016	Division Needs Local Input Point window opens for 2 months
November 2016	NCDOT calculates Division Needs total scores and programs Division Needs projects
December 2016	NCDOT prepares 2018-2027 Draft STIP
January 2017	2018-2027 Draft STIP released

Contact Information

Sarah Lee

NCDOT Strategic Prioritization Office
(919) 707-4742
selee@ncdot.gov

David Wasserman, P.E.

NCDOT Strategic Prioritization Office
(919) 707-4743
dswasserman@ncdot.gov

<http://www.ncdot.gov/strategictransportationinvestments/>



Board of Transportation, August 3, 2016

Product Evaluation Program Awareness

Natalie Roskam, PE



Product Highlight (Approved)

Smart Cushion Innovations Crash Cushion

- Extended Life Cycle Attenuator (or Severe-Duty Crash Attenuator)
- Magnetic (multi-hit) permanent installations
- Installed in 4 sites around Wake County
- 7 hits in 14 months
- \$20k installed compared to \$10-15k per replacement of traditional units
- Ease of Installation



Product Highlight (Approved)

Smart Cushion Innovations Crash Cushion

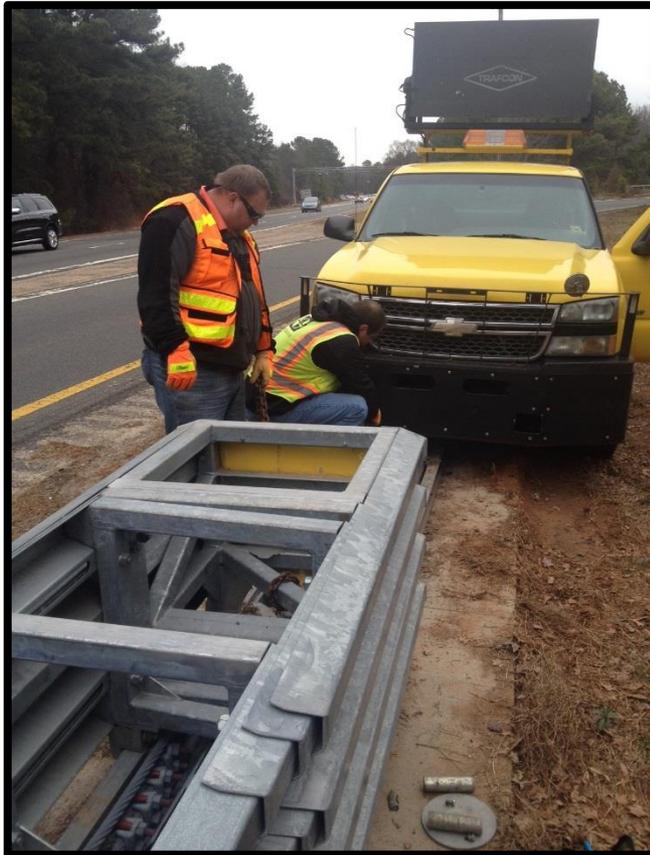
- NCHRP Crash Test Video



Product Highlight (Approved)

Smart Cushion Innovations Crash Cushion

- Hydraulic Cylinder and Shear Pins
- Re-settable



Product Highlight (Under Evaluation)

Geocells - Presto Geoweb



- 3D geocell structure reinforces the upper soil layer and resists erosive conditions and sliding forces
- Long-term solution for sustainable vegetation, permeable aggregate, hard-armored concrete or geomembrane protection
- Reduces land space requirements by allowing slopes to be designed steeper than when unconfined
- Light weight sections for quick installations

Product Highlight

B-4416 on NC 33 in Chocowinity



Product Highlight

American Tobacco Trail

- 1.3H:1V Slope



System Components

- Tendons
- ATRA Stakes
- 4" Geoweb Sections



Product Highlight

American Tobacco Trail

- Full Vegetation





Office of Civil Rights

Small and Disadvantaged Business Update

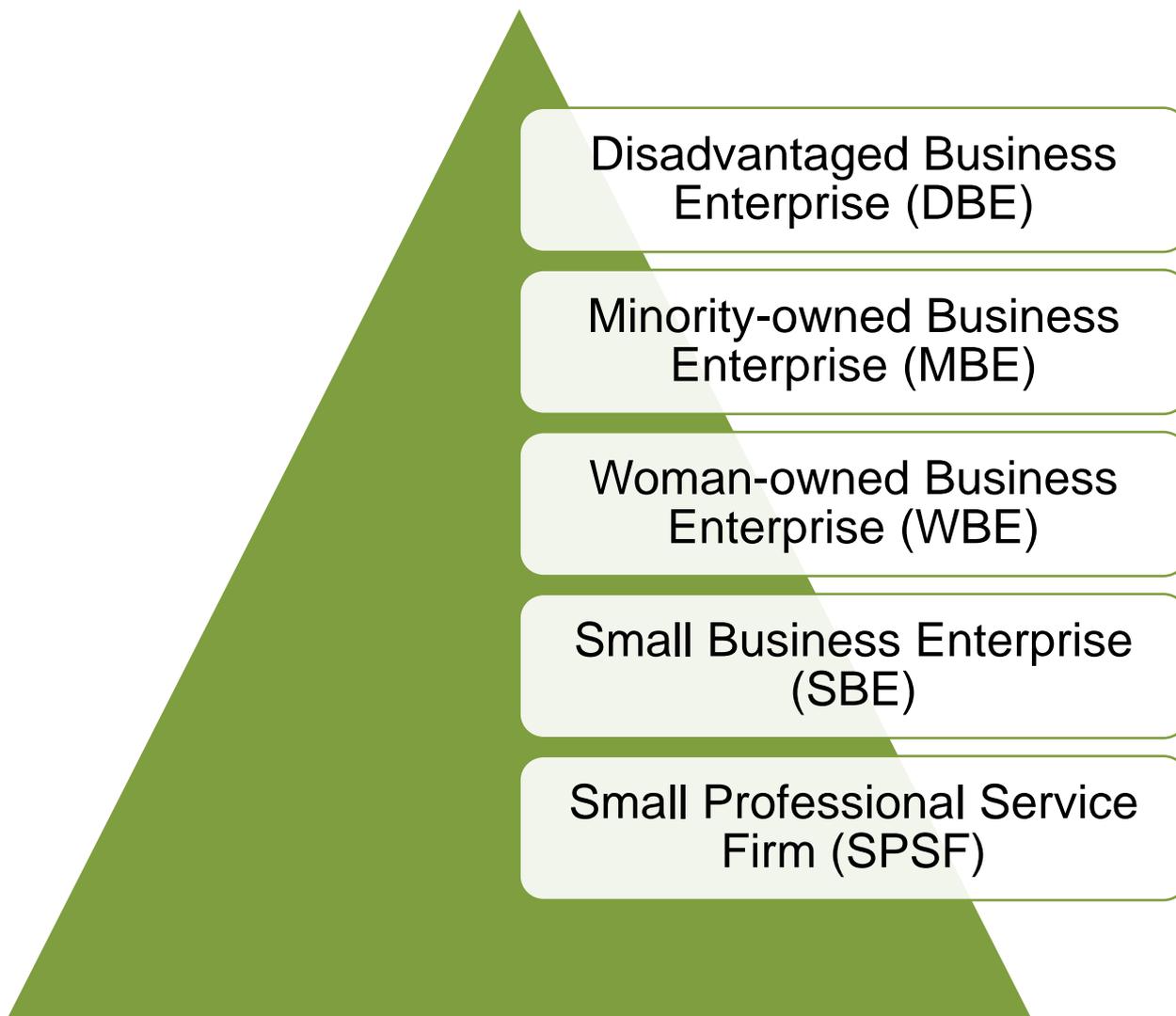
Marci Wright, Director



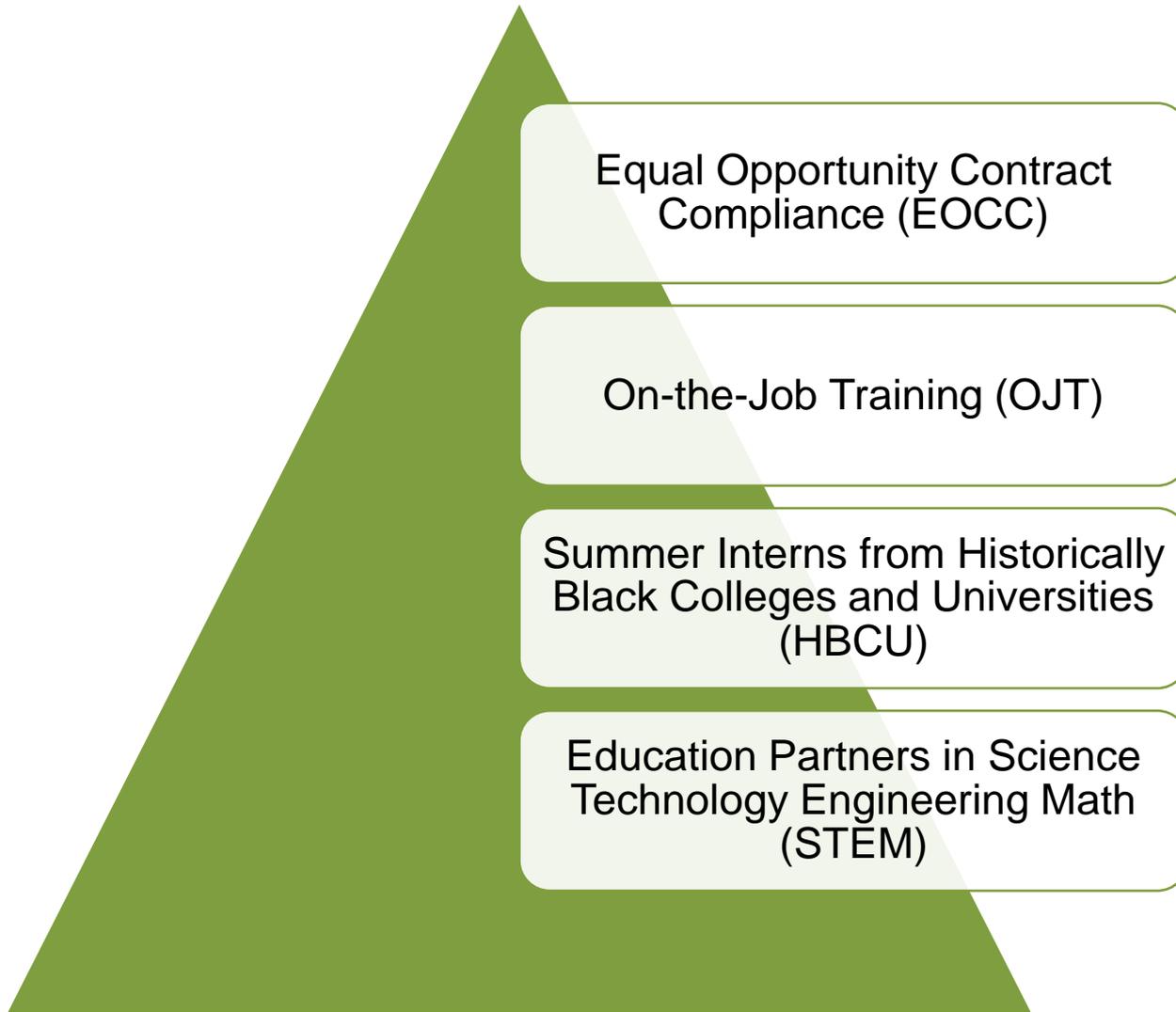
Program Support, Education, and Training



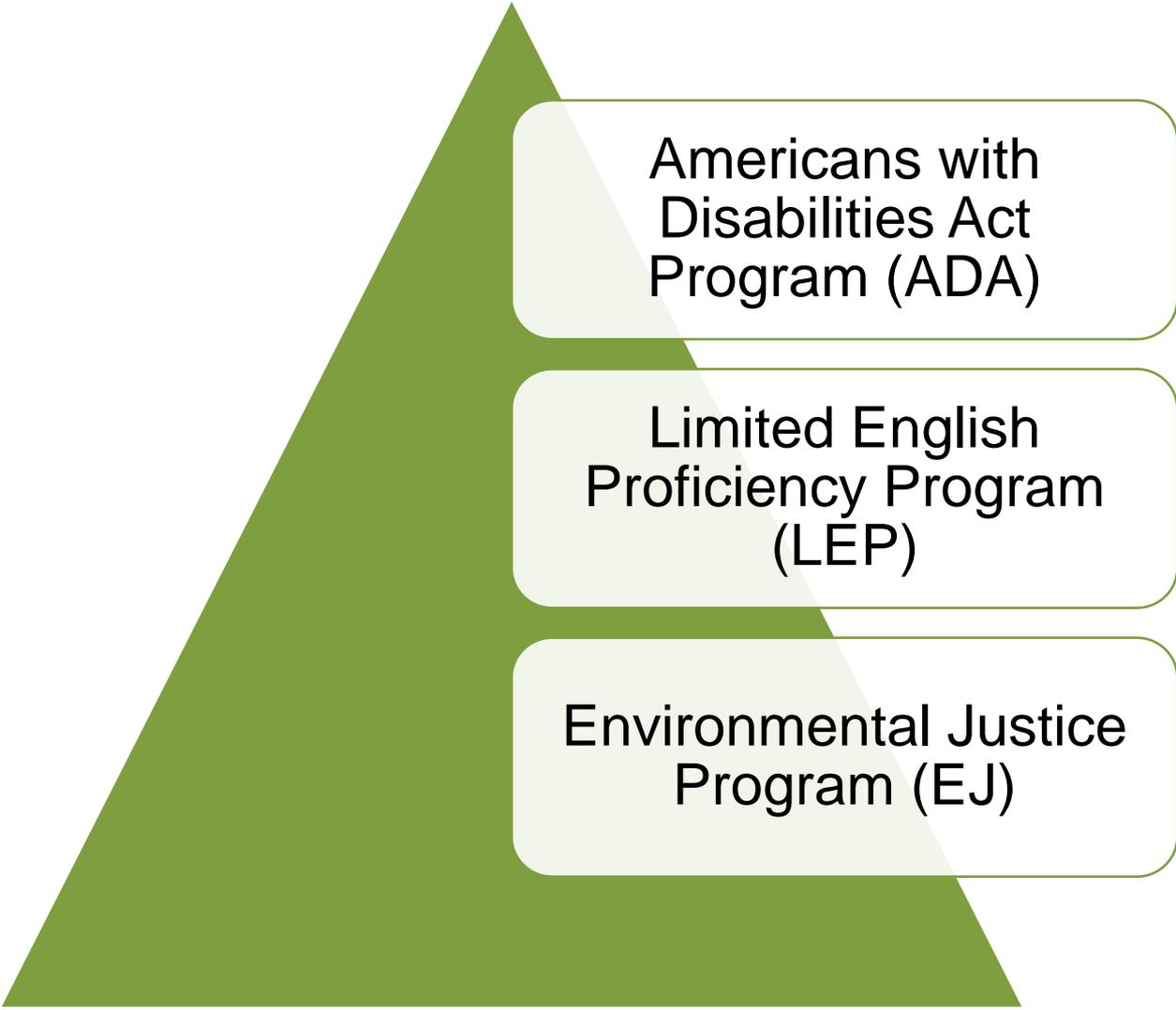
Business Opportunity



Employment Opportunity



Equal Access



Americans with
Disabilities Act
Program (ADA)

Limited English
Proficiency Program
(LEP)

Environmental Justice
Program (EJ)

NCDOT's Office of Civil Rights

NCDOT's Office of Civil Rights (OCR)
promotes

- **Equal access**
- **Equal opportunity**

To all stakeholders:

- **Employees**
- **Contractors, subcontractors, and their employees**



NCDOT's Office of Civil Rights

OCR carries out this mission by providing

- **program support**
- **education and training**
- **complaint investigation**
- **recommendations to enforce regulations**



NCDOT's Office of Civil Rights

Activities are intended to

- **remedy past and current discrimination**
- **leveling the business playing field**



NCDOT's Office of Civil Rights

Successful implementation...

- **enlarged pool of available labor**
- **enlarged pool of contractors**

“Deliver and maintain our infrastructure effectively and efficiently” through an



Goal Setting Definition of Terms

- Race Conscious

- a measure or program is one that is focused specifically on assisting only DBEs, including women-owned DBEs.

NCDOT's DBE program is race-conscious and uses goals

- Race Neutral

- a measure or program is one that is, or can be, used to assist all small businesses. For the purposes of this part, *race-neutral* includes gender-neutrality.

NCDOT's SBE and SPSF programs are race-neutral and uses set asides



Fantastic Support for these Programs

- Legislature
- Office of the Governor
- Board of Transportation
- Office of the Secretary
- Senior Leadership Team
- Division Offices
- Business Units
- Community Partners

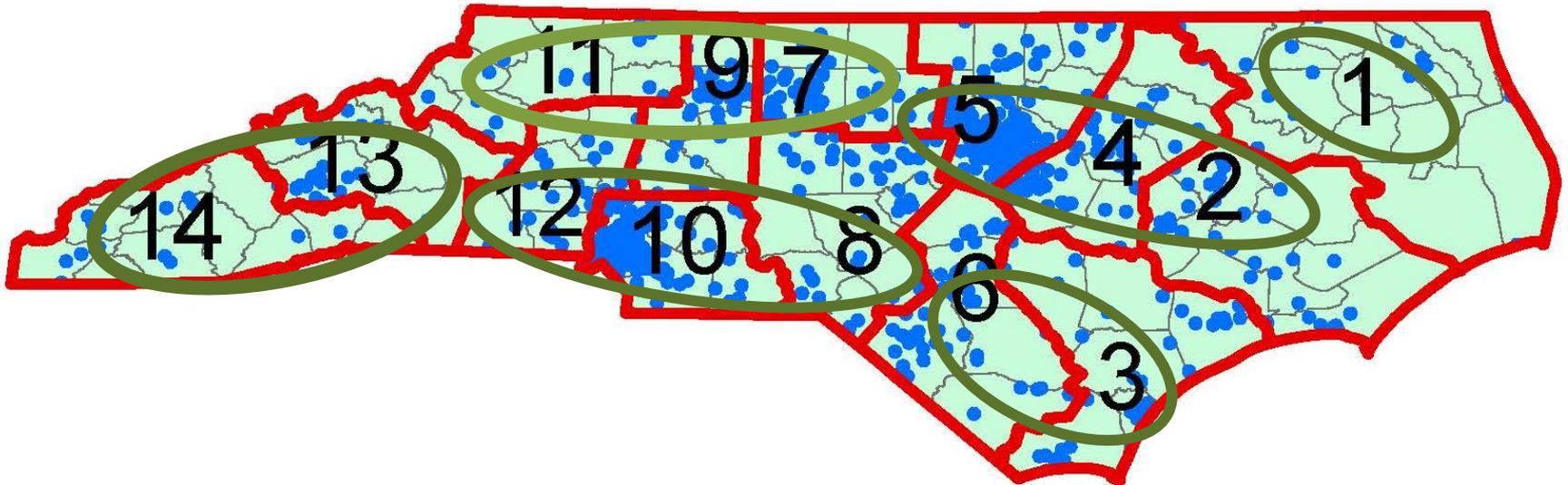


Six considerations of goal setting

1. Size of the project
2. Location of the project
3. Type of project
4. Available DBE/MBE/WBE
5. Prior goal attainment
6. Overall goal



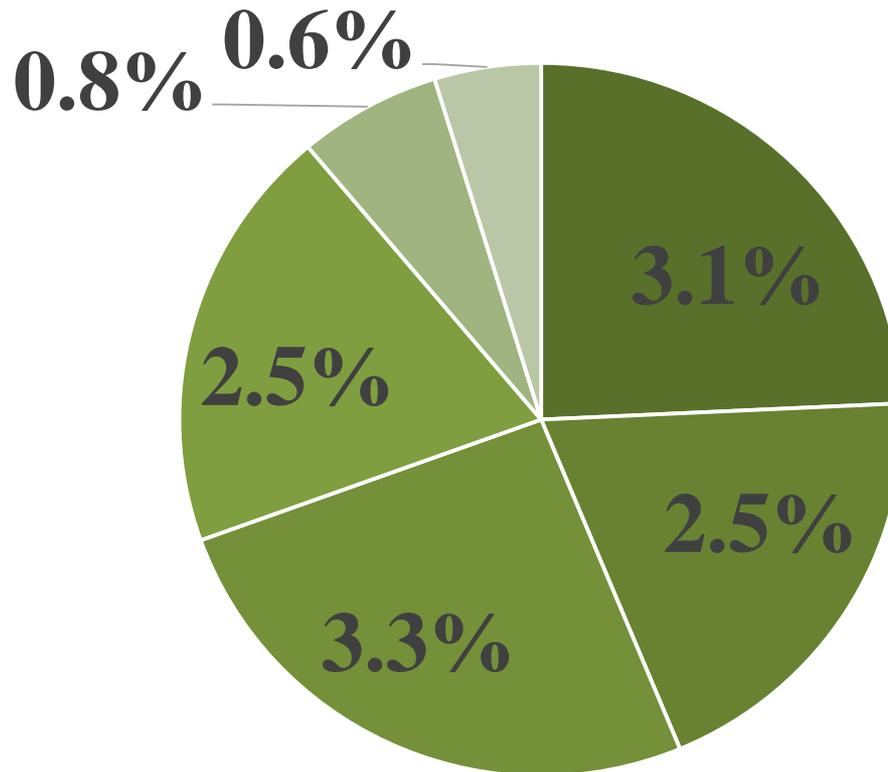
Goal setting consideration



DBE Firms by Division



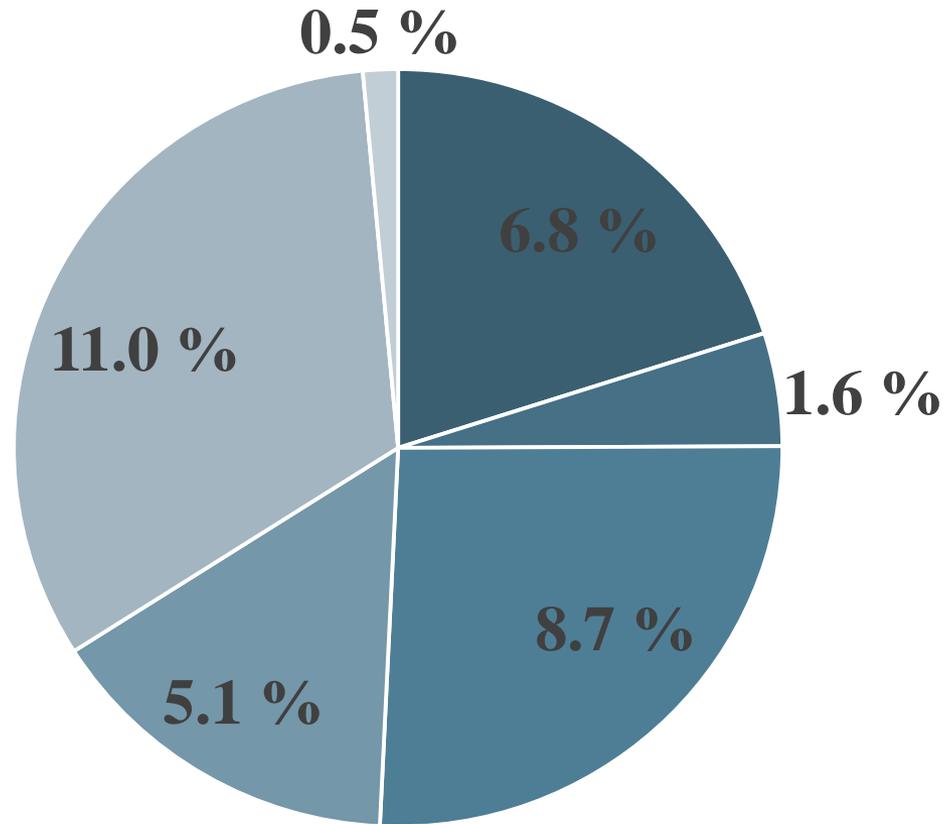
MBE Share of Contracts SFY 2016



- Private Engineering Contracts
- Other Professional Services
- TIP and Resurfacing
- Small Bus Program
- Division Contracts
- PO and Purchasing
- License Plate Agents



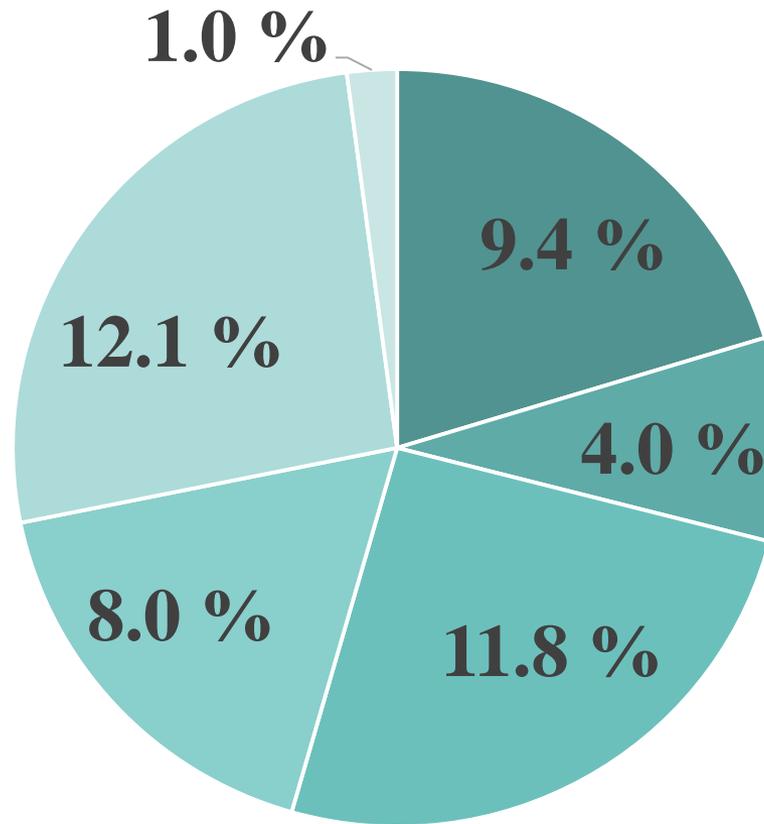
WBE Share of Contracts SFY 2016



- Private Engineering Contracts
- Other Professional Services
- TIP and Resurfacing
- Small Bus Program
- Division Contracts
- PO and Purchasing



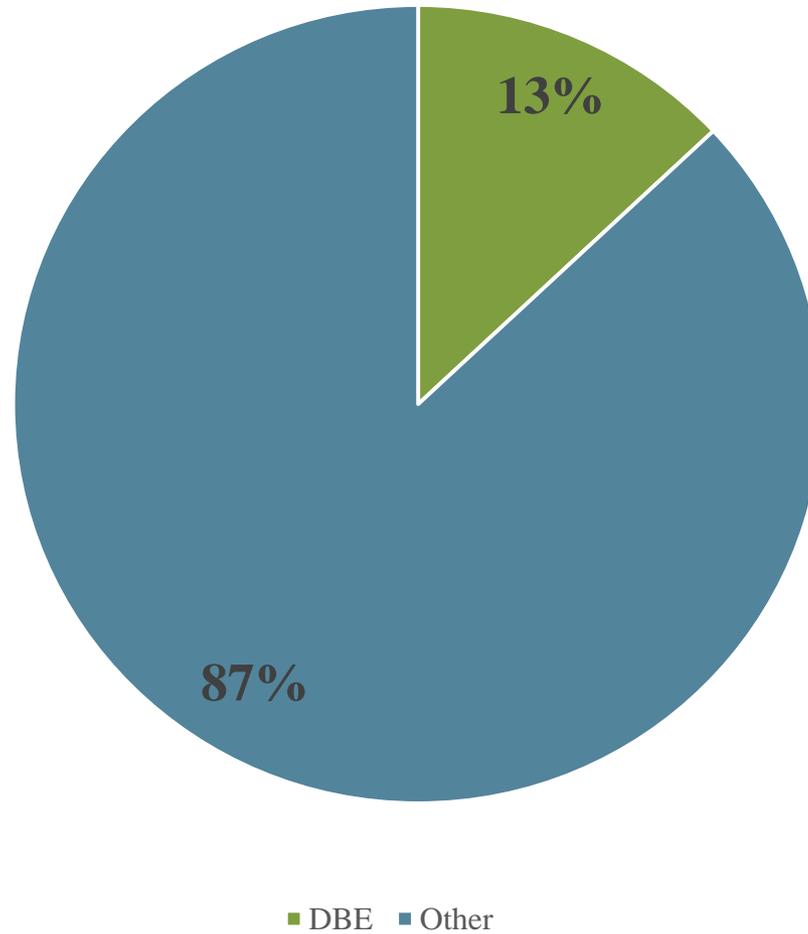
Total MBE and WBE Share of Contracts SFY 2016



- Private Engineering Contracts
- Other Professional Services
- TIP and Resurfacing
- Small Bus Program
- Division Contracts
- PO and Purchasing



DBE Share of Federal Highway Contracts FFY 2016 YTD



Strategy for Increasing the Pool of Contractors

- Distribute \$300,000 in business development support over the next 12 months
- Provide Doing Business with NCDOT Training across the state
- Partner with the HUB Office to implement a Regional Outreach Plan
- Enroll successful firms in our business development and expansion program for two years
- Increase outreach at each division



Program Support, Education, and Training



Questions?



Thank You



Marci Wright, Director
Office of Civil Rights
919.508.1886 Office
mlwright4@ncdot.gov





STIP P4.0 Round 1 Public Outreach
Final Outreach Results

Board of Transportation Meeting

August 3, 2016



Outreach Efforts



Outreach Efforts

ADVERTISEMENTS/MARKETING

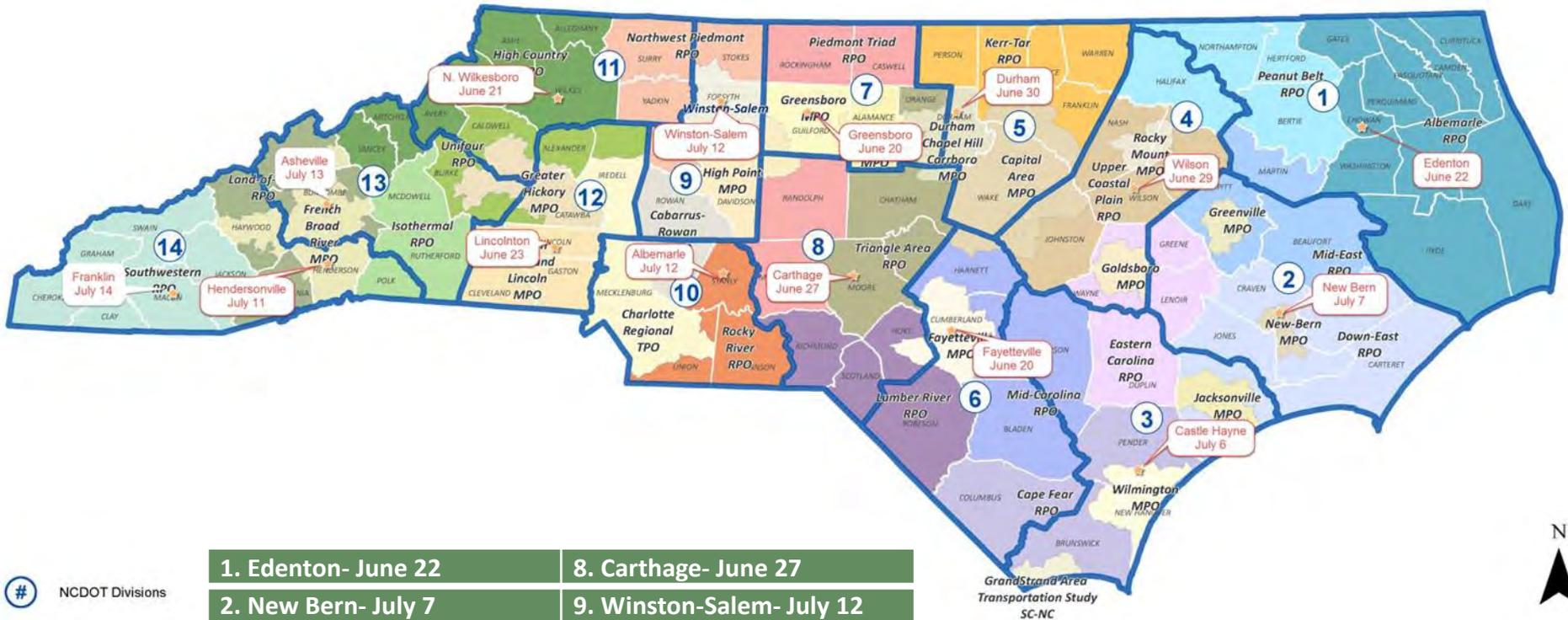
- Press Releases- Statewide and Division
- STIP Flyer - Statewide
- NCDOT Web-notices
- Stakeholder mailings & Email (95)
 - State Agencies
 - Other State Organizations
 - Underserved/Underrepresented groups
 - Latino groups

Outreach Efforts

New this Year

- Universities/Colleges Student Groups
- Statewide City Public Information Officers list
- I-heart Radio Peak Hour announcements-
Statewide and Division
- Spanish Radio announcements
- STIP Byte - Mass mailing & media
- NCDOT website Homepage flash ad
- Local Public Services Announcements (Radio
and TV)
- College Engineering Programs (Young adults)

Public Meetings



NCDOT Divisions



Public Meetings

Division 9



MetroQuest

Welcome to Region A (Div 1 & 4)

WELCOME



State Transportation Improvement Program 2018-2027

North Carolina Department of Transportation invites you to provide your input, and participate in the development of the 10-year STIP document, by identifying projects throughout the state. NCDOT updates its STIP every two years.

Begin



Projects in the Regional Impact category receive 30% of available revenue. Data makes up 70% of the project scores in this category and 30% for the local rankings.

2

RANKING

3

PROJECTS

4

STAY INVOLVED



Results



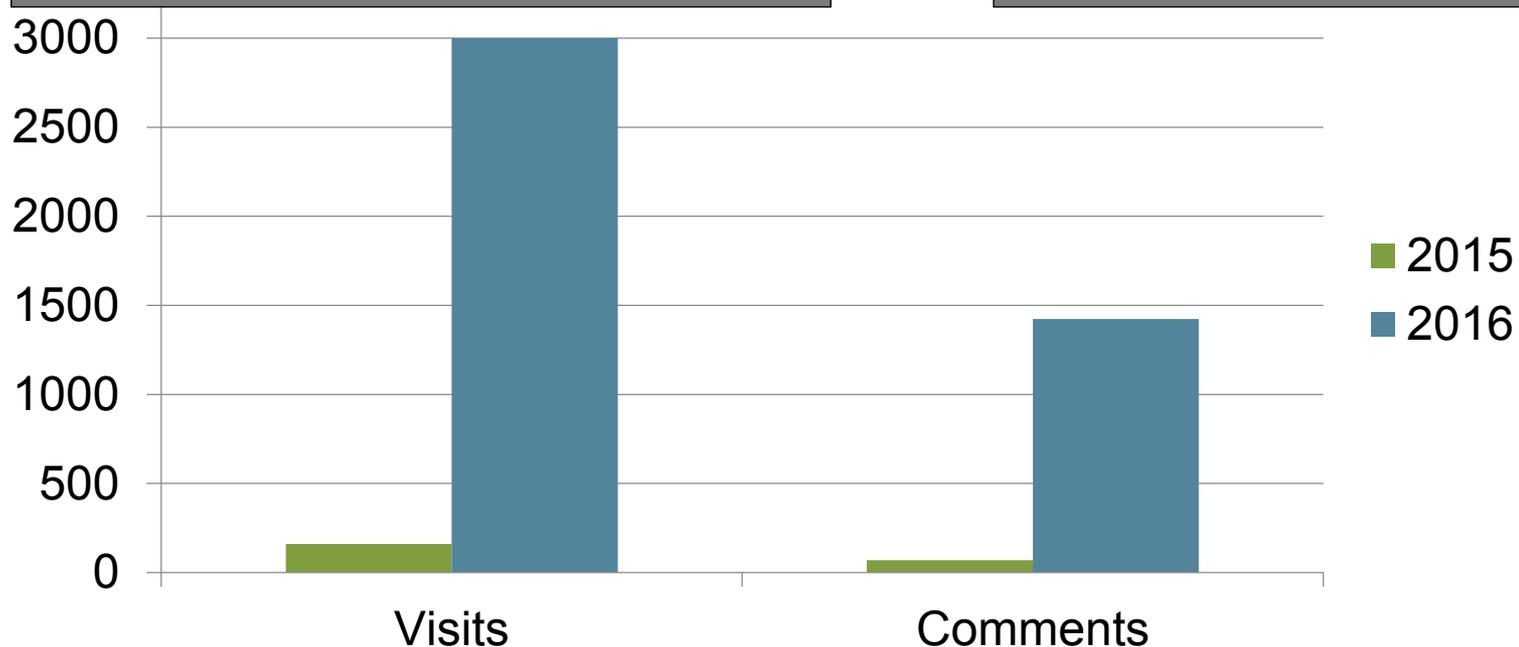
Visitor Summary: Statewide

2015 – MySidewalk (formerly MindMixer)

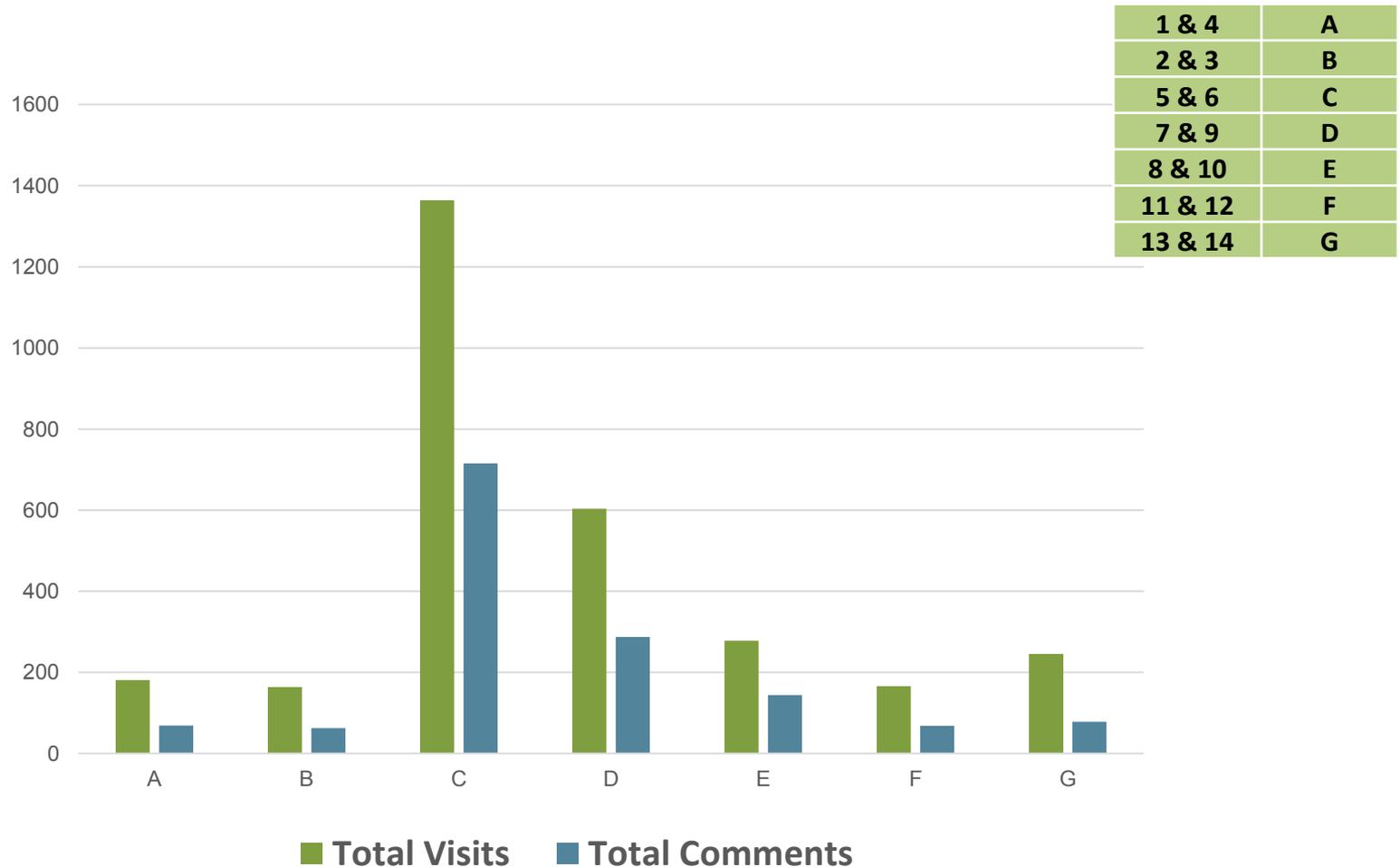
Total Visits to Site: 160
Total Visits with Data: 70
Response Rate: 43%

2016 – MetroQuest

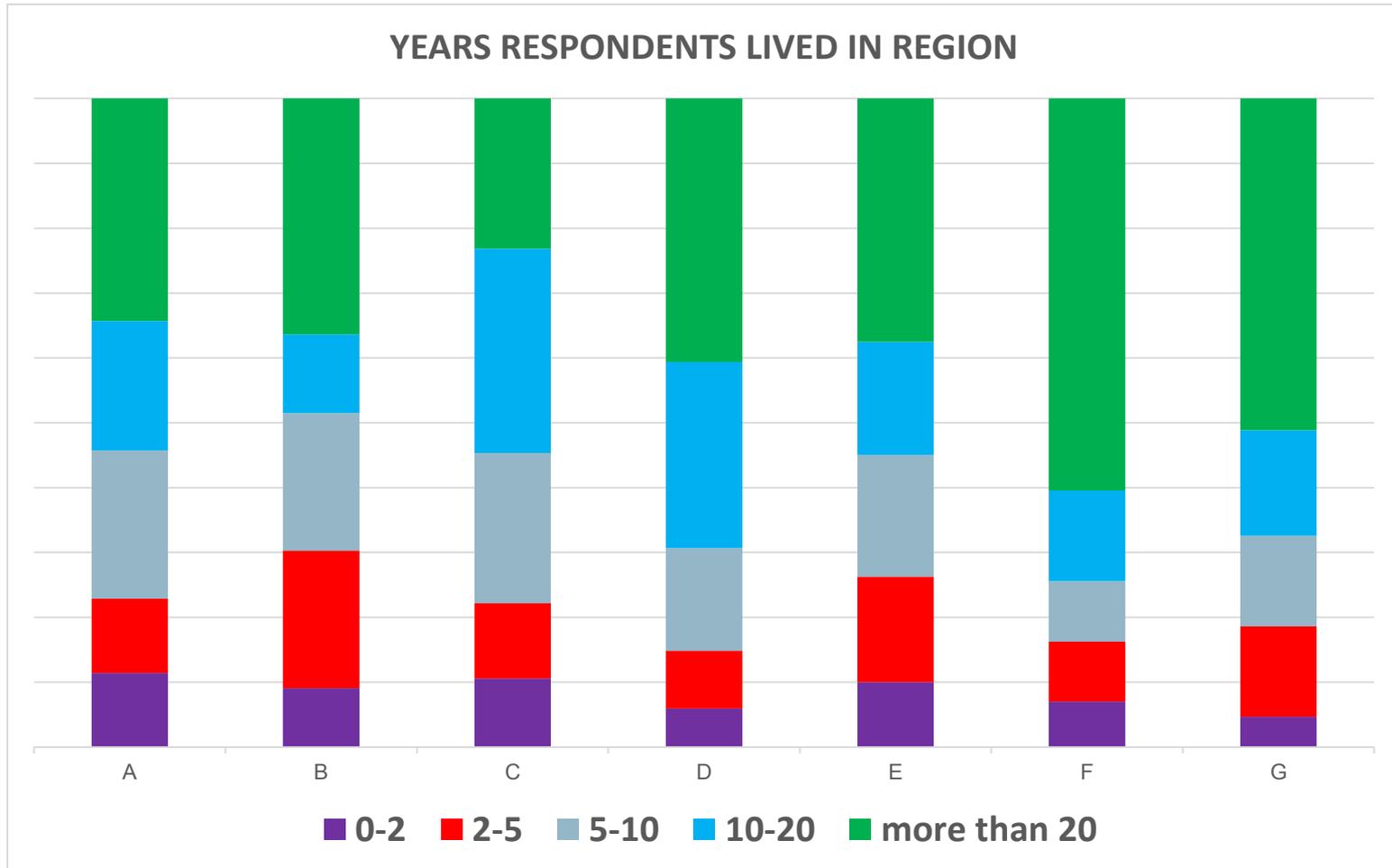
Total Visits to Site: 3001
Total Visits with Data: 1423
Response Rate: 47%



Visitor Summary: Funding Region

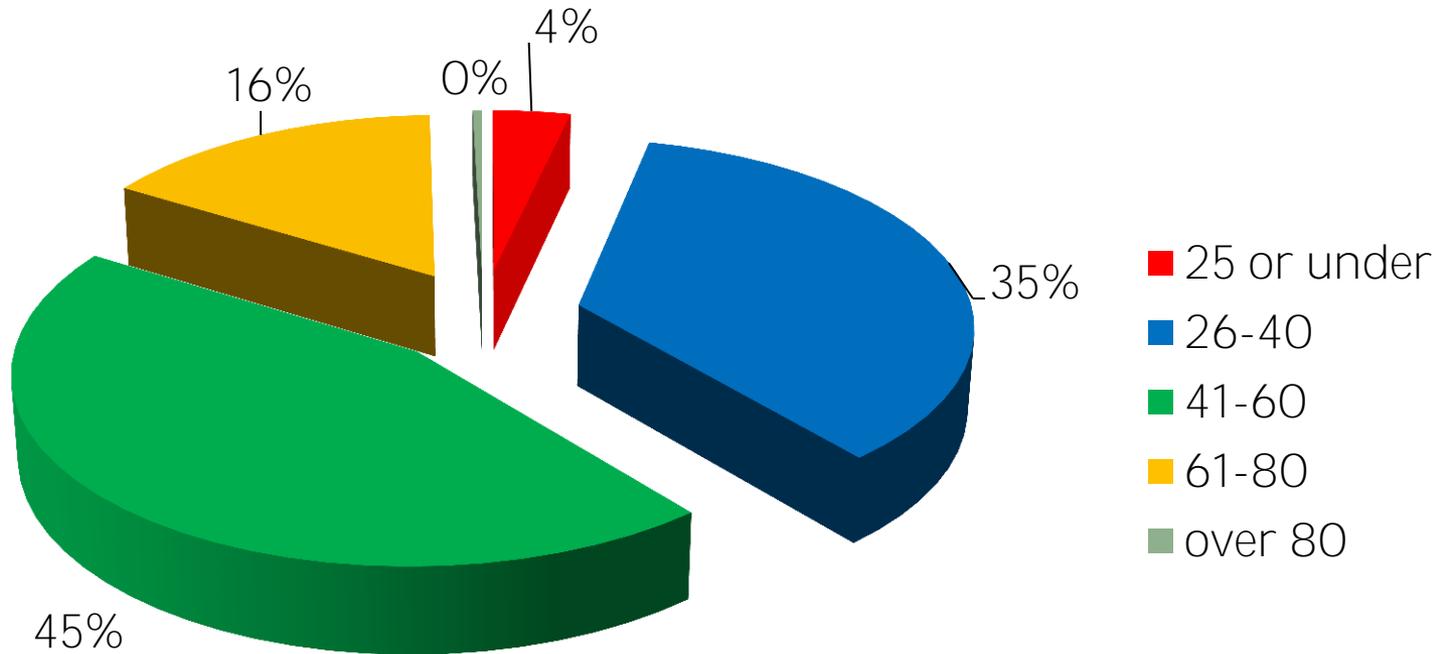


Visitor Summary: Years Residing in Region

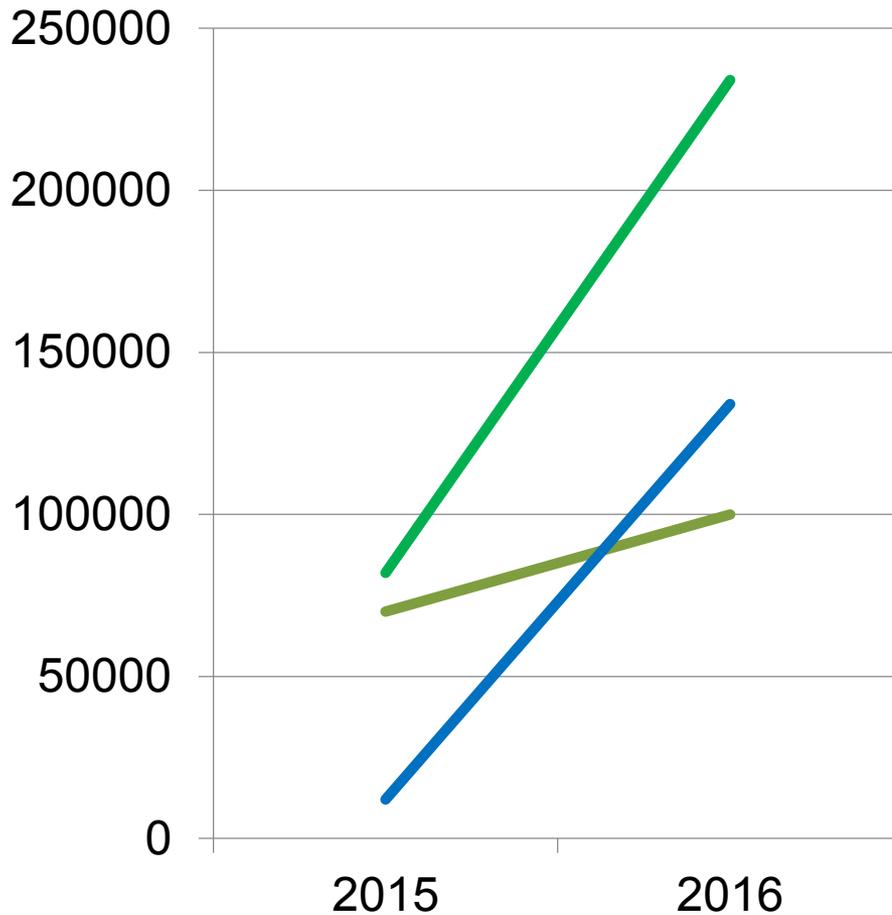


Visitor Summary - Age

Percent of Total



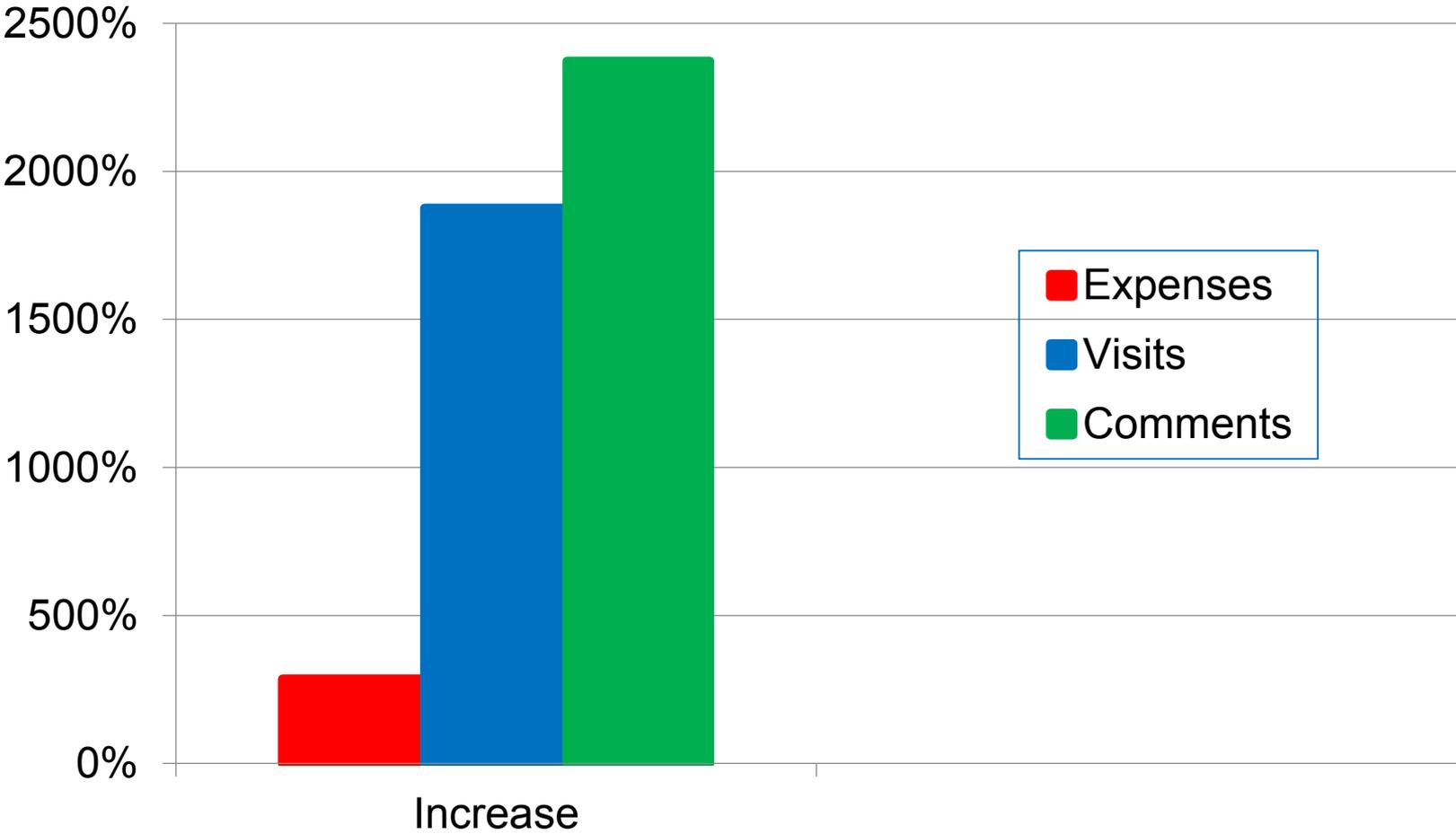
Expenses



	Personnel	Survey/Marketing	Total
2015	70,000	12,000	82,000
2016	100,000	134,000	234,000

- Personnel
- Survey/Marketing
- Total

Outreach Comparison Traditional vs New



Questions





Transportation

JOINT COMMITTEE MEETING (FAST/EDIR) MEETING MINUTES

DATE: 6/29/2016 TIME: 1:45 LOCATION: 150

MEETING CALLED BY	FAST Chairwoman Cheryl McQueary
BOARD ATTENDEES	FAST Chairwoman Cheryl McQueary, FAST Vice Chairman Jim Crawford, EDIR Vice Chairman Hugh Overholt, Mr. David Brown, Mr. Jack Debnam, Mr. John Lennon, Mr. Malcolm Fearing, Mr. Patrick Molamphy, Mr. Gus Tulloss, Mr. Jake Alexander, Ms. Sandra Fountain, Mr. Jeff Sheehan, Mr. Lou Wetmore, Mr. David Tyeryar (staff), Mr. Sebastian Montagne (Staff)

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF JUNE MINUTES – CHAIRWOMAN MCQUEARY	
DISCUSSION SUMMARY	Motion: Mr. Fearing, Second: Mr. Crawford
ACTIONS TAKEN	Approved unanimously
2. PROPOSED REVISIONS TO THE NON-METROPOLITAN LOCAL OFFICIALS PARTICIPATION PROCESS – TERRY ARELLANO	
DISCUSSION SUMMARY	Presentation covered changes to the Unified Public Engagement Process (UPEP) reference participation of non-metropolitan officials in the transportation planning process. Changes include reflecting 19 MPOs (from 18 prior to 2010 US Census); removing references to defunct 10-Year Program and Resource Plan; inclusion of a reference to NCDOT Interagency Coordination Protocol for NC’s Transportation Planning Process and minor grammatical and clarification changes. Open for comments until Aug. 15, 2016. Approval and submittal to FHWA will be Aug. 31, 2016. No BOT action required.
ACTIONS TAKEN	Information only. No action taken.
3. TRANSPORTATION REVENUE – H. TASAICO	
DISCUSSION SUMMARY	Presentation on Federal (28%) and State (72%) funding. Federal Funding Sources include Motor Fuel Tax (70%), General Fund (20%) and Fees (10%). FAST financing plan and authorized uses. FAST Highway Funds are 92% apportioned by formula, the remaining 8% is allocated discretionarily. State revenue sources include the Motor Fuel Tax (55%), Highway Use Tax (20%) and Fees (25%). Provided information on Legislative Session 2015 changes from SB20 and HB97 as well as changes in Motor Fuel Tax Revenue Distribution and increases in State Transportation Revenues used for Transportation to 99.5+%. Discussed the preliminary year-end performance and the 5-year Revenue forecasting performance.
ACTIONS TAKEN	Information only. No action taken.

Adjourned: 2:37



Transportation

JOINT COMMITTEE MEETING (FAST/EDIR) AGENDA

BOARD OF TRANSPORTATION AUGUST 3, 2016

TIME: 1:45 p.m. – 3:00 p.m.

LOCATION: Room 150

TOPIC	PRESENTER
Call to Order - Approval of June minutes	C. McQueary, Chairwoman FAST T. Hutchens, Chairman EDIR
Camp Lejeune Rail Study	Paul Worley
State-of-the-GTP	Rick Barkes
Monroe Expressway	David Roy
Comments and Wrap-up	C. McQueary, Chairwoman FAST



Camp Lejeune Railroad Commercial Freight Feasibility Study

Final Report Summary | June 2016

Purpose of Study

- **Evaluate the feasibility and advisability of establishing commercial freight rail service on the Camp Lejeune Rail Line (CPLJ)**
 - Evaluate maintenance needs and additional enhancements
 - Assess potential economic development opportunities
 - Review partnership opportunities for sharing the costs

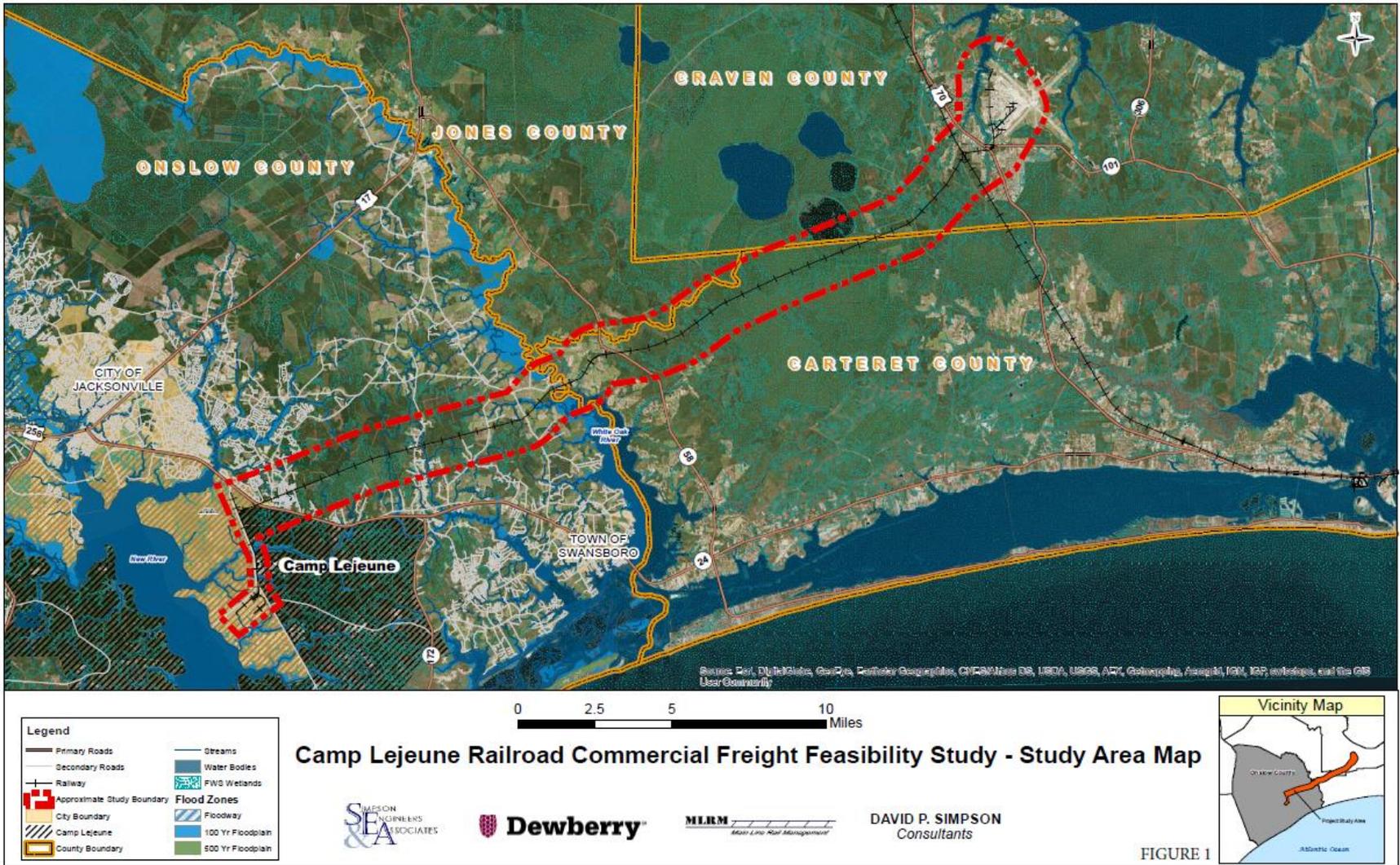
Scope of Study

- Study Area Site Analysis
- Economic Development Evaluation, Market Forecast
- Infrastructure Condition Assessment
- Governance Review
- Stakeholder Coordination

Camp Lejeune Concerns

- Maintenance Costs and Funding Mechanism
- Liability Associated with Private Use of Military Facility
- Alternatives for Ownership Control and Operation of the CPLJ

Study Area



Target Industry Characteristics



- Benefits from rail access to cost-effectively move large or heavy materials or products
- Local workforce / skillsets are available
- Forecast for sustained, positive growth or continued strength

Potential Economic Output

Each new industrial employer could generate:

Construction Materials & Equipment

- 15 jobs
- \$630,000 direct salaries
- \$4 million annual gross sales

x 1.9
indirect benefits



Wood Manufacturing

- 25 jobs
- \$1.1 million direct salaries
- \$3.5 million annual gross sales

x 2.25
indirect benefits



Metal Manufacturing

- 50 jobs
- \$2.3 million direct salaries
- \$3 million annual gross sales

x 2.27
indirect benefits



Potential Economic Output



- 4 x Land Values realized for large industrial-zoned properties

Infrastructure Condition - Roadway



Infrastructure Condition - Roadway

SITE	ROADS	ESTIMATED COST
JE McCotter Tracts	Walton Road Wood Road Lake Cole Road Daly Street	\$325,000 – \$1.4 mil
Onslow 22 Tract	Lake Cole Road	\$900,000
Brunswick Timber Properties	Riggs Road Hubert Boulevard Parkertown Road Old Highway 172	\$301,000 – \$5.45 mil
Weyerhaeuser Co. Tract	Riggs Road	\$5.45 mil

Infrastructure Condition- Rail



Infrastructure Condition - Rail



Infrastructure Condition- Rail

- Track in very good condition
 - Maintained to FRA Class 2 standards
 - Minimal maintenance actions required
- Upgrades within five curved sections (one track-mile) recommended for freight use
- New Industrial Track estimated costs: \$744,000 - \$916,000 (may serve multiple users)



Governance Review

- Options for Sale, Transfer, or Lease of CPLJ ROW:
 - Trackage Agreement
 - Outlease
 - Disposal
 - Intergovernmental Support Agreement
- STRACNET facility – Consistent Volumes to ensure continued maintenance
- US Department of Agriculture – Forest Service Special Use Permit

Conclusions

- Potential Economic Development Sites Identified within CLJR Corridor
- Mechanism Available for Users to Share Maintenance Costs
- Options Exist for Future Disposition of CPLJ

Recommendations

- Near-Term: Develop an Updated Trackage Agreement with Norfolk Southern (railroad operator)
- Long-Term: Outleasing or Disposal of the CPLJ to a Government Entity may be considered



Trackage Agreement Topics

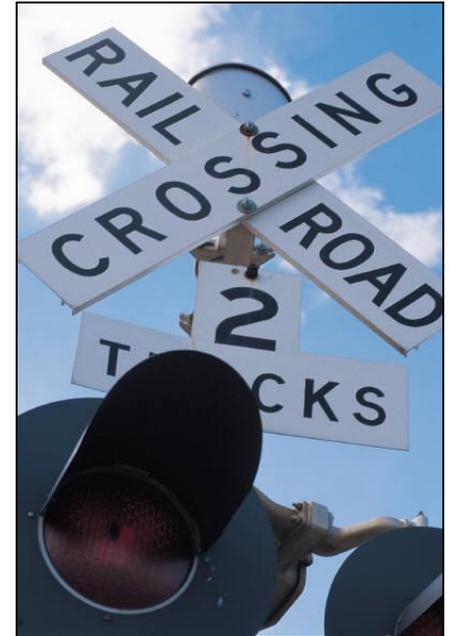
- Priority for Military Shipments
- Clear Definition of Railroad Improvements and Operations to be assumed by Railroad
- Standards, Responsibility, and Compensation for Baseline Maintenance Costs
- Limitation of Railroad Responsibility for Repairs or Capital Replacements
- Assignment of Liability for Railroad Operations

NORTH
CAROLINA GLOBAL
TRANSPARK

August 3, 2016

The GTP Mission

To enhance the economic well-being of North Carolinians by providing multi-modal capabilities for global commerce.



GTP Organization

- Global TransPark Authority
 - State agency created by 1991 legislation
 - Organizationally aligned with the NC Department of Transportation in 2011
 - 20-member Board comprised of Gubernatorial, General Assembly, statutory and local appointees
 - Chairman of the Board is appointed by the Governor
- Global TransPark Foundation
 - Established as a 501c(3) to raise funds to support the GTP mission and projects
 - Governor Jim Martin, Chair

About the GTP

- ▶ State-owned business park with shovel-ready sites
 - Master plan and protective zoning in place
 - Environmentally permitted for 5,775 acres
 - Own 5,688 acres total
 - Additional 1,100 acres in conservation easement
 - NC DOC Certified Site Status – 877 acres



— Rail Spur

Features of the GTP



- One of the longest commercial runways on the East Coast:
 - 11,500 ft x 150 ft grooved surface
 - ILS CAT I in place
- 25-year agreement with the military to use the runway for training
- U.S. TRANSCOM designated airport as an alternate point of embarkation & debarkation for USMC

Features of the GTP

- ▶ Rail spur connection to NCRR
- ▶ Foreign Trade Zone #214
- ▶ Training facility onsite
- ▶ High-speed fiber optic backbone
- ▶ Property tax exemption on GTP-owned facilities



NORTH CAROLINA
GLOBAL TRANSPARK



Kinston Regional Jetport at Stallings Field (ISO)

*2016 Airport Economic Contribution Study
completed by NCSU ITRE for the NCDOT – Division
of Aviation*

Based aircraft information:

Aircraft vary in value from thousands of dollars to tens of millions of dollars.

The tax contributions of the more valuable aircraft can surpass entire subdivisions of homes.

At ISO, based aircraft are valued at approximately \$4.1 million

Approximately \$33,000 in county taxes.

Equivalent tax value as 27 homes.

Kinston Regional Jetport at Stallings Field (ISO)

Kinston Regional Jetport at Stallings Field (ISO) Lenoir County

Economic Contribution of North Carolina Airports – 2016 Study



22,400 Annual Aircraft Operations

37 Based Aircraft

	Jobs	Annual Payroll Income	Output
DIRECT Direct impacts result from economic activities that result from tenants and other business users who have a direct involvement with the airport.	600	\$28,290,000	\$386,280,000
INDIRECT Indirect impacts result from economic activities that typically take place away from the airport, but are still attributable to the airport.	550	\$13,130,000	\$41,710,000
INDUCED Induced impacts result from successive spending and are the multiplier effects of the direct and indirect impacts.	200	\$6,870,000	\$24,280,000
TOTAL	1,350	\$48,290,000	\$452,270,000

Generation of state and local taxes from tenants and businesses using the airport:

\$1,605,000
Business Sales Tax

\$1,141,000
Local Property Tax

\$1,995,000
State Corporate & Personal Tax

\$32,900
Property Tax on Based Aircraft



Tenants/Users Surveyed: 36
Tenant/User Surveys Completed: 22



Economic Contribution of Kinston Regional Jetport (annual figures)

	Output		Employment		Total State & Local taxes
	<u>Direct</u>	<u>Total</u>	<u>Direct</u>	<u>Total</u>	<u>.....</u>
2006 Study	\$49,652,400	\$69,086,900	299	463	\$3,165,396
2012 Study	\$166,870,000	\$219,370,000	550	1230	\$5,756,000
2016 Study	\$386,280,000	\$452,270,000	600	1350	\$4,774,000
total tax contribution over ten years					\$48,628,490

Figures generated by NCSU ITRE,
Airport Economic Contribution Study,
 2016

Ranking of Kinston Regional Jetport

COMMERCIAL GENERAL AVIATION

KINSTON

Ranking	Direct Output (dollars)			
1	CLT	Charlotte Douglas International	Charlotte	\$4,740,250,000
2	RDU	Raleigh-Durham International	Raleigh/Durham	\$1,236,790,000
3	ILM	Wilmington International	Wilmington	\$760,980,000
4	MWK	Mt Airy/Surry County	Mount Airy	\$655,230,000
5	GSO	Piedmont Triad International	Greensboro	\$477,030,000
	ISO	Kinston Regional Jetport	Kinston	\$386,280,000

**Economic Impact –
6th in the State

\$386,280,000**

Ranking	Direct Employment		
1	CLT	Charlotte Douglas International	18240
2	RDU	Raleigh-Durham International	6330
3	GSO	Piedmont Triad International	2200

**Employment –
11th in the State

600 Jobs**

10	AVL	Asheville Regional	750
	ISO	Kinston Regional Jetport	600
12	MEB	Laurinburg-Maxton	360
13	BUY	Burlington-Alamance Regional	330
14	FAY	Fayetteville Regional/Grannis Field	320
15	RUQ	Rowan County	300
16	JNX	Johnston County	250
17	EWN	Coastal Carolina Regional	180
18	CPC	Columbus County Municipal	170
19	VUJ	Stanly County	170
20	SVH	Statesville Regional	170
21	PGV	Pitt-Greenville	160
22	HRJ	Harnett Regional Jetport	150
23	OAJ	Albert J. Ellis	150
24	SOP	Moore County	150
25	SIF	Rockingham County/NC Shiloh	140

Ranking	Estimated Direct Payroll		
Payroll – 9th in the State \$28,290,000			

8	DPL	Duplin County	\$29,800,000
	ISO	Kinston Regional Jetport	\$28,290,000
10	ECG	Elizabeth City CG Air Station/Regional	\$23,300,000
11	AVL	Asheville Regional	\$22,160,000
12	RUQ	Rowan County	\$20,650,000
13	BUY	Burlington-Alamance Regional	\$20,360,000
14	JNX	Johnston County	\$17,080,000
15	JQF	Concord Regional	\$16,980,000
16	MEB	Laurinburg-Maxton	\$16,750,000
17	CPC	Columbus County Municipal	\$14,830,000
18	VUJ	Stanly County	\$14,450,000
19	HRJ	Harnett Regional Jetport	\$13,970,000
20	FAY	Fayetteville Regional/Grannis Field	\$13,080,000
21	TDF	Person County	\$10,410,000
22	SIF	Rockingham County/NC Shiloh	\$10,030,000
23	RHP	Western Carolina Regional	\$9,320,000
24	OAJ	Albert J. Ellis	\$7,770,000
25	EWN	Coastal Carolina Regional	\$7,550,000

Ranking	State & Local Taxes		
1	CLT	Charlotte Douglas International	\$551,973,000
2	RDU	Raleigh-Durham International	\$143,570,000
3	GSO	Piedmont Triad International	\$55,596,000
4	MWK	Mt Airy/Surry County	\$32,815,000
5	CPC	Columbus County Municipal	\$15,521,000
6	INT	Smith-Reynolds	\$13,119,000

**Added Taxes –
14th in the State

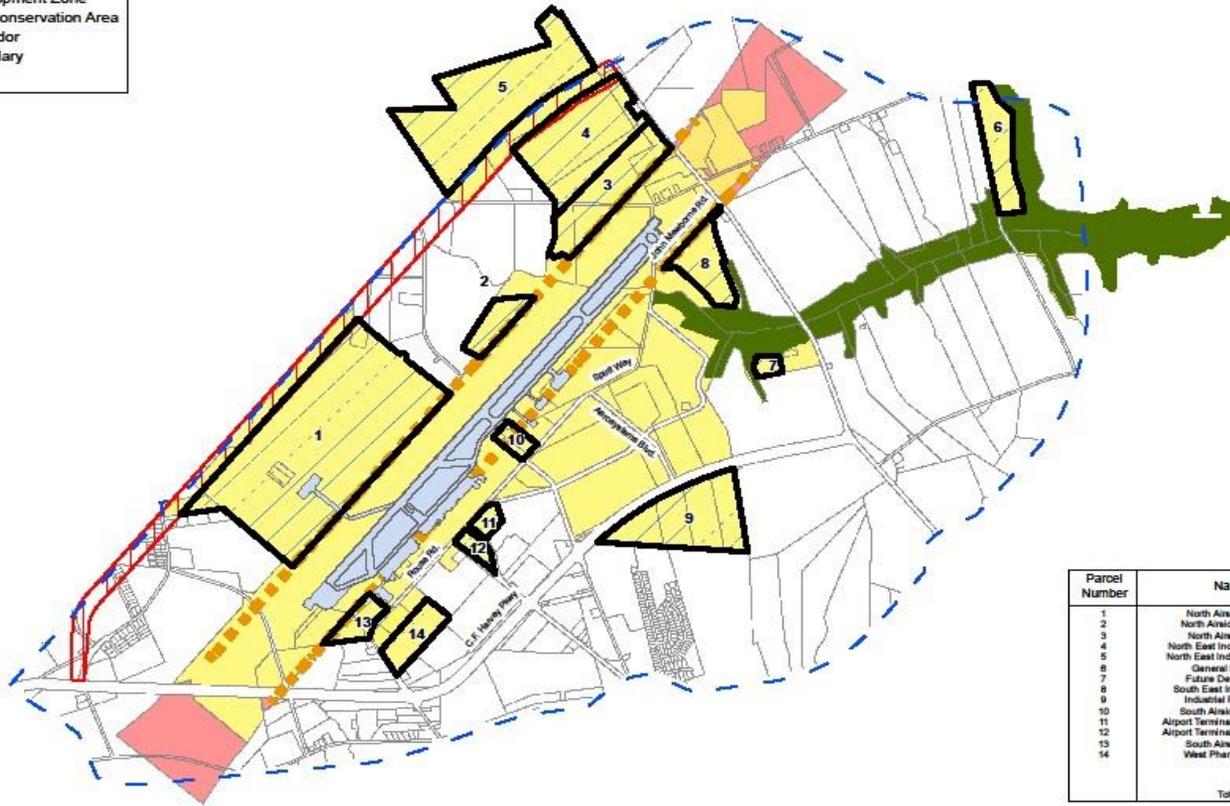
\$4,774,000**

3	OAJ	Albert J. Ellis	\$4,908,000
	ISO	Kinston Regional Jetport	\$4,774,000
15	EWN	Coastal Carolina Regional	\$3,376,000
16	JQF	Concord Regional	\$3,162,000
17	BUY	Burlington-Alamance Regional	\$3,100,000
18	RUQ	Rowan County	\$2,935,000
19	SVH	Statesville Regional	\$2,420,000
20	HRJ	Harnett Regional Jetport	\$2,316,000
21	PGV	Pitt-Greenville	\$2,127,000
22	SOP	Moore County	\$1,264,000
23	MEB	Laurinburg-Maxton	\$1,070,000
24	RWI	Rocky Mount-Wilson Regional	\$1,032,000
25	GWW	Wayne Executive Jetport	\$1,001,000

GTP Properties

Legend

- NCGTP Property
- Developable Land
- Runway
- Building Restriction Line (NCGTP)
- Restrictive Development Zone
- Stonyton Creek Conservation Area
- Spine Road Corridor
- 404 Permit Boundary
- GTP Rail Spur



Parcel Number	Name	Size (ac)
1	North Aside - West	300.4
2	North Aside - Midfield	22.3
3	North Aside - East	72.3
4	North East Industrial Park - I	93.5
5	North East Industrial Park - II	158.4
6	General Industrial	40.5
7	Future Development	5.4
8	South East Industrial Park	35.2
9	Industrial Park South	93.8
10	South Aside - Midfield	18.8
11	Airport Terminal - Related Area	7.5
12	Airport Terminal - Related Area	7.5
13	South Aside - West	20.6
14	West Pharmaceutical	25.8
Total		902.1

0 1,250 2,500 Feet

Source: NCDOT, NCONEMAP



NORTH CAROLINA
**GLOBAL
TRANSPARK**

Title:

**MASTER
PROPERTIES
MAP**

**North Carolina
Global Transpark**

**LENOIR COUNTY,
NORTH CAROLINA**

ATKINS

Own By: **ARE** Date: **FEB 2013**

Clad By: **RF** Scale: **AS SHOWN**

ATKINS Project No.: **100017861**

FIGURE

1

Facilities



Our Companies



MJE Telestructure



SCHENKER



exclusive jets LLC



Henley Aviation





- 2 Locations on GTP
- Works with Spirit and North State for Specialized Training
- Will begin a UAS/UAV Program next year



North State Aviation

- ▶ Latest tenant at the GTP
- ▶ North Carolina based MRO Company
- ▶ Projected to have 109 New Jobs by December 2017



GTP-6 Spirit AeroSystems



60,000 SF



600,000 SF



NORTH CAROLINA
GLOBAL TRANSPARK

A man in a green polo shirt and blue jeans is standing in a large industrial facility, inspecting a large orange robotic arm. The arm is mounted on a yellow base and is positioned over a long, grey, curved metal structure. The structure is supported by a series of vertical metal pillars and yellow circular markers on the floor. The background shows a blue wall and various industrial equipment.

Wing spar composite testing and inspection
at Spirit AeroSystems in Kinston, NC

NORTH CAROLINA
GLOBAL TRANSPARK



Automated fiber tape layup at Spirit AeroSystems,
Kinston, NC

NORTH CAROLINA GLOBAL TRANSPARK



Fuselage sections sent into autoclave at Spirit AeroSystems, Kinston, NC

NORTH CAROLINA
GLOBAL TRANSPARK



Fuselage panel production
at Spirit AeroSystems
in Kinston, NC

NORTH CAROLINA
GLOBAL TRANSPARK



Completed Spirit AeroSystems' fuselage components shipped via the Port at Morehead City, NC



Transportation

JOINT COMMITTEE MEETING (FAST/EDIR) MEETING MINUTES

DATE: 6/29/2016 TIME: 1:45 LOCATION: 150

MEETING CALLED BY	FAST Chairwoman Cheryl McQueary
BOARD ATTENDEES	FAST Chairwoman Cheryl McQueary, FAST Vice Chairman Jim Crawford, EDIR Vice Chairman Hugh Overholt, Mr. David Brown, Mr. Jack Debnam, Mr. John Lennon, Mr. Malcolm Fearing, Mr. Patrick Molamphy, Mr. Gus Tulloss, Mr. Jake Alexander, Ms. Sandra Fountain, Mr. Jeff Sheehan, Mr. Lou Wetmore, Mr. David Tyeryar (staff), Mr. Sebastian Montagne (Staff)

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF JUNE MINUTES – CHAIRWOMAN MCQUEARY	
DISCUSSION SUMMARY	Motion: Mr. Fearing, Second: Mr. Crawford
ACTIONS TAKEN	Approved unanimously

2. PROPOSED REVISIONS TO THE NON-METROPOLITAN LOCAL OFFICIALS PARTICIPATION PROCESS – TERRY ARELLANO	
DISCUSSION SUMMARY	Presentation covered changes to the Unified Public Engagement Process (UPEP) reference participation of non-metropolitan officials in the transportation planning process. Changes include reflecting 19 MPOs (from 18 prior to 2010 US Census); removing references to defunct 10-Year Program and Resource Plan; inclusion of a reference to NCDOT Interagency Coordination Protocol for NC’s Transportation Planning Process and minor grammatical and clarification changes. Open for comments until Aug. 15, 2016. Approval and submittal to FHWA will be Aug. 31, 2016. No BOT action required.
ACTIONS TAKEN	Information only. No action taken.

3. TRANSPORTATION REVENUE – H. TASAICO	
DISCUSSION SUMMARY	Presentation on Federal (28%) and State (72%) funding. Federal Funding Sources include Motor Fuel Tax (70%), General Fund (20%) and Fees (10%). FAST financing plan and authorized uses. FAST Highway Funds are 92% apportioned by formula, the remaining 8% is allocated discretionarily. State revenue sources include the Motor Fuel Tax (55%), Highway Use Tax (20%) and Fees (25%). Provided information on Legislative Session 2015 changes from SB20 and HB97 as well as changes in Motor Fuel Tax Revenue Distribution and increases in State Transportation Revenues used for Transportation to 99.5+%. Discussed the preliminary year-end performance and the 5-year Revenue forecasting performance.
ACTIONS TAKEN	Information only. No action taken.

Adjourned: 2:37



Transportation

JOINT COMMITTEE MEETING (FAST/EDIR) AGENDA

BOARD OF TRANSPORTATION AUGUST 3, 2016

TIME: 1:45 p.m. – 3:00 p.m.

LOCATION: Room 150

TOPIC	PRESENTER
Call to Order - Approval of June minutes	C. McQueary, Chairwoman FAST T. Hutchens, Chairman EDIR
Camp Lejeune Rail Study	Paul Worley
State-of-the-GTP	Rick Barkes
Monroe Expressway	David Roy
Comments and Wrap-up	C. McQueary, Chairwoman FAST



HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 06-29-2016 TIME: 10:30 AM – 12:00 PM LOCATION: 150

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

AGENDA TOPICS

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

2. NON SYSTEM ROADS SURVEY – DELBERT RODDENBERRY, PE	
DISCUSSION SUMMARY	Per SB 119, the Department was directed to survey all paved and unpaved non-system roads in the State (not including municipal or federally-owned roads) and report findings to JLTOC by June 30, 2016. Using GIS data and filtering out known routes as well as excluding categories such as driveways, parking lots, public facilities, etc., approximately 98,000 roads totaling a little less than 25,000 miles were determined to be non-system roads to be surveyed. Thirty-one teams consisting of on-call contractors and DOT temporary employees worked for a period of 4 months collecting the required data (paved vs. unpaved and open to public) in addition to information on length, subdivision vs. non-subdivision, number of residences/businesses, condition, number of lanes and existence of bridge or culverts. The vast majority of the non-system roads open to the public (~90%) were found to be less than a 0.5 miles long. The non-system roads were roughly half paved and half unpaved. About half the paved roads were found to be in good condition while almost all of the unpaved roads were determined to be in poor condition. A road in good condition has a normal crown or appropriate superelevation, is wide enough for 2 cars to easily pass and has minimal cracking. Alternately a poor condition road has drainage issues and severe alligator cracking. It has been determined that to move all paved roads to a good condition, it would cost \$347M and it would cost \$897M to do the same for all unpaved roads totaling \$1.3B. To pave all unpaved roads, it would cost approximately \$6.4B.
ACTIONS TAKEN	



HIGHWAYS COMMITTEE MEETING MINUTES

3. I-40 PIGEON RIVER GORGE – JOHN PILIPCHUK, LG, PE	
DISCUSSION SUMMARY	<p>The last 20 miles of I-40 in NC up to the TN line is the Pigeon River Gorge area. The traffic volume in this area is 22,000 vpd; about ½ of which are commercial carriers. The estimated value to the world economy is \$1M per day making this route vitally important to the economy. I-40 opened in this area in the late 1960's and has since experienced multiple rock slides resulting in road closures. The Department has utilized rock bolts, retaining walls, rock fall fences and attenuators to aid in controlling the failures. The Department took advantage of one of the more recent closures and worked on five other identified trouble sites by scaling the area, putting up rock fall drape and installing rock bolts. A recent TIP project, I-5508, was created to address the area around MP 7 on I-40. The project was let in January 2014 for \$6.3M and is currently 83% complete. Some of the proactive steps the Department is taking include frequent IMAP patrols through the area, LIDAR scans of the rock, and a rating system database created via a Federal grant (work on which will be presented at an upcoming national conference). Division 14 also communicates frequently with their counterparts in TN.</p>
ACTIONS TAKEN	

4. MONROE EXPRESSWAY UPDATE – SCOTT COLE, PE	
DISCUSSION SUMMARY	<p>The Monroe Expressway is a 20 mile long expressway, 4 – 6 lanes wide with open road tolling. The project includes 37 bridges 21 box culverts and 8 interchanges. The purpose of the project is "to improve mobility and capacity...by providing a facility for the US 74 corridor...that allows for high-speed regional travel...while maintaining access to properties along existing US 74." The project started in the 90's with preliminary studies for the bypass and connector. In 2006, these were combined into the tolled facility but then a lawsuit was filed. As such, the environmental document was revised and subsequently approved and construction was able to begin in 2015. The typical section includes a 46' grass median, 2 lanes in each direction with 12' paved shoulders. At the western terminus, tolling was eliminated as it created too many decision points for drivers in a small area. Removal of the gantries from the design in this area will provide safer conditions while maintaining revenue projections sufficient to support project financing. The contractor for the project, Monroe Bypass Constructors, is a joint venture of United Infrastructure Group, Inc., Anderson Columbia Company, Inc. and Boggs Paving, Inc. Clearing and grubbing has begun in all sections of the project with 87% of the 20 mile corridor being cleared. Seventeen culverts are complete and 4 are under construction. Bridge construction is well underway with 24 bridges under construction. Additionally, there's been 800,000 cubic yards unclassified excavation as well as 7.4 miles of water line and 1.25 miles of sewer line which have been installed. Looking forward, the ITS integration will be completed summer 2018 with substantial completion November 2018. (The final completion date is May 28, 2019.)</p>
ACTIONS TAKEN	



Transportation

HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION AUGUST 3, 2016

TIME: 10:30 AM – 12:00 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
FY 17 Maintenance Allocations	Delbert Roddenberry, PE	20 min
Fayetteville Outer Loop Update	Greg Burns, PE	20 min
AMG Construction	Lamar Sylvester, PE	20 min
Other Discussion	Jake Alexander	30 min



Board of Transportation Highways Committee

August 3, 2016

Automated Machine Guidance

Lamar Sylvester, PE
State Construction Engineer



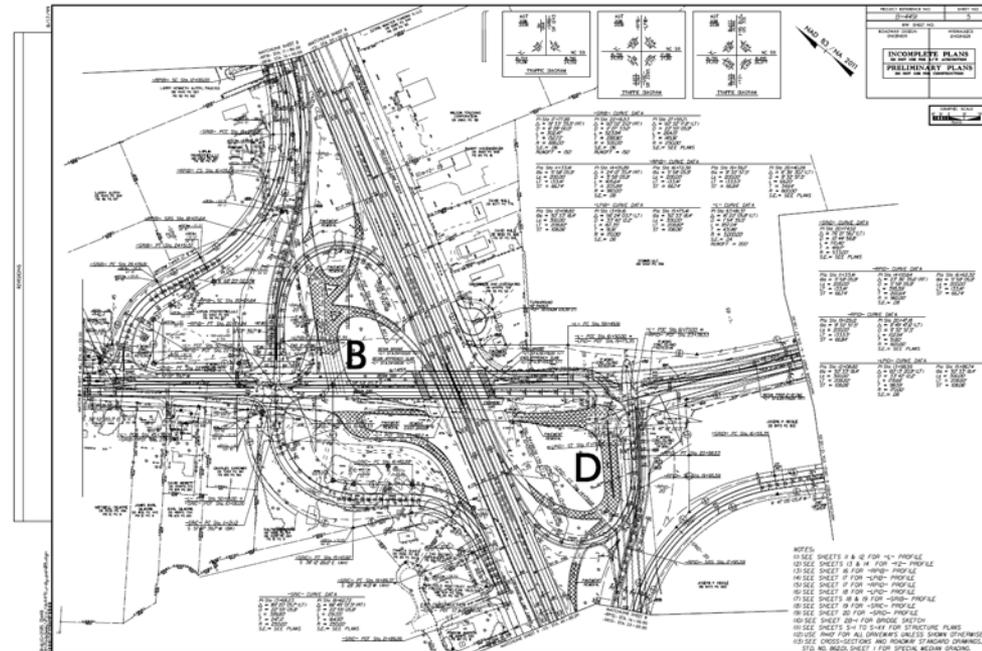
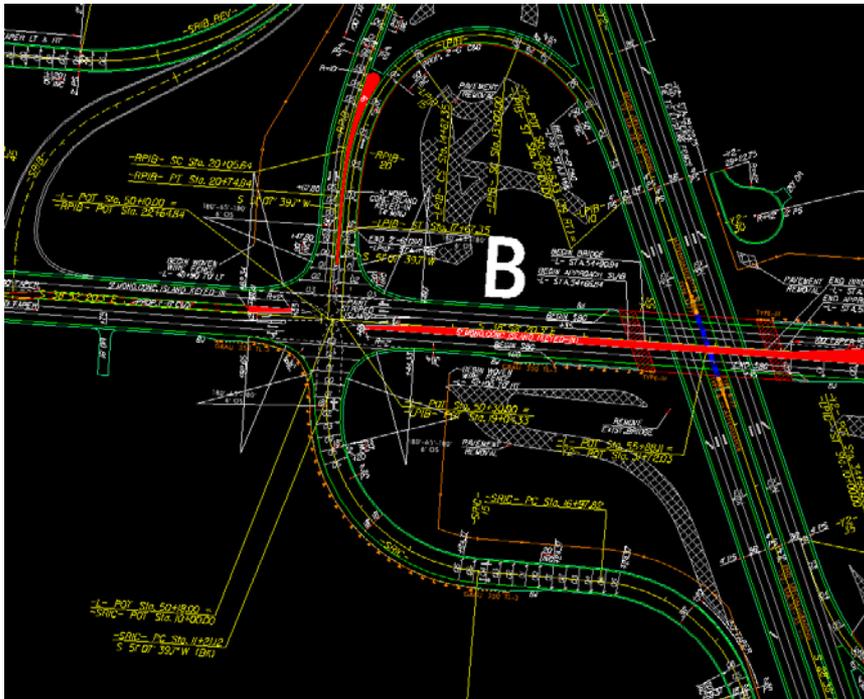
Automated Machine Guidance (AMG)



Prior to Automated Machine Guidance

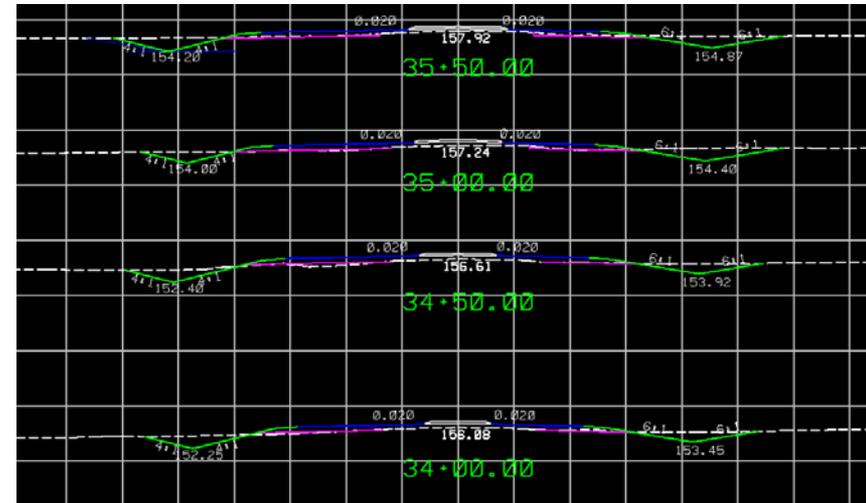
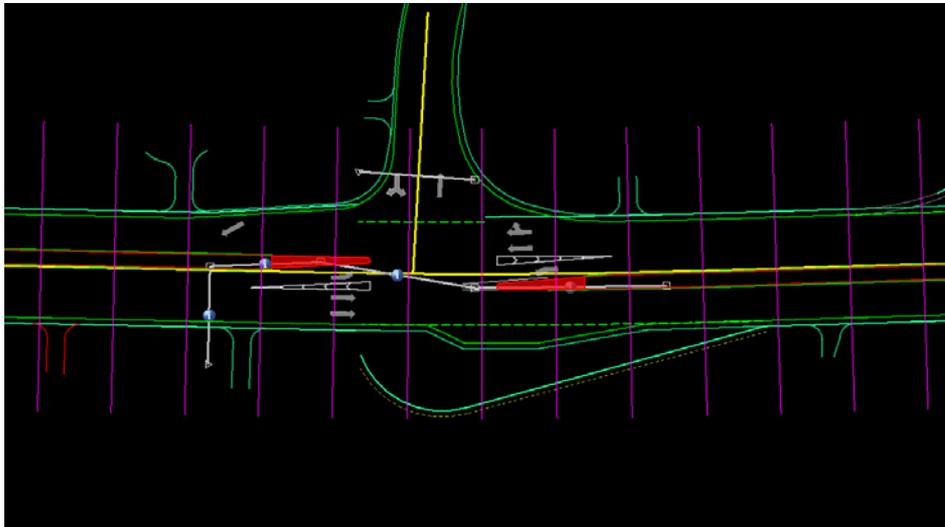
Design communicated to Construction via plan sheets

- Contractors use survey staking to build project



Prior to Automated Machine Guidance

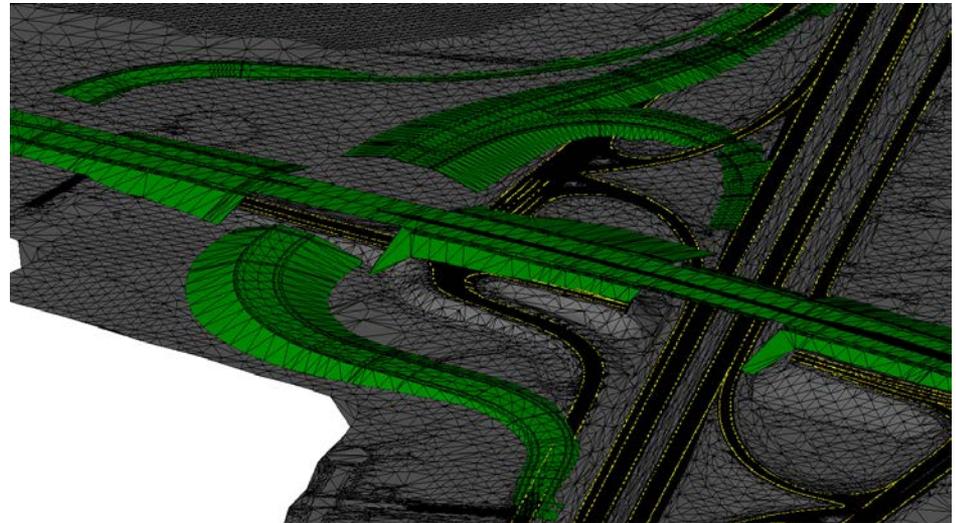
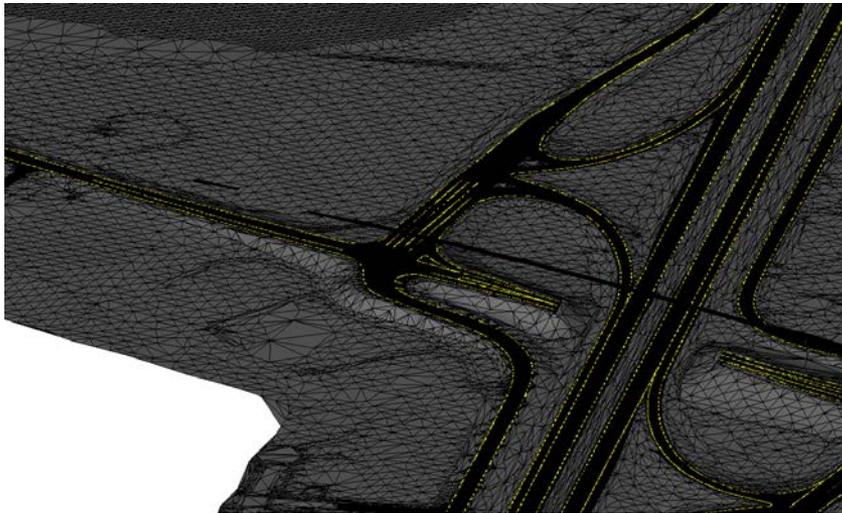
Cross Sections cut at regular intervals predetermined by designer, typically every 50 feet.



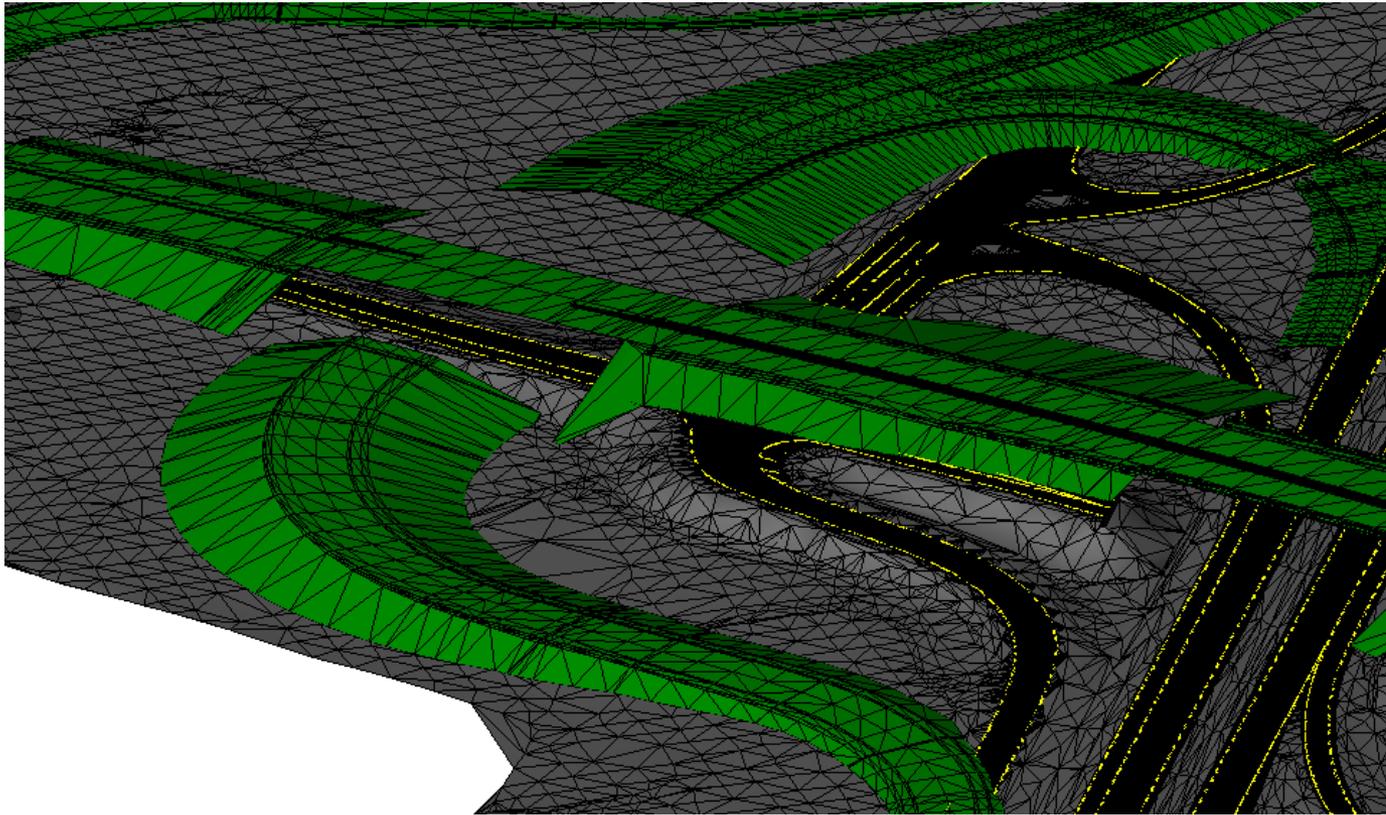
Current Practice with Automated Machine Guidance

Design communicated to Construction via plan sheets and Proposed TIN file

- Contractors use proposed TIN and/or other CADD data to build a model that can be used for automated grading



Model for use with Automated Machine Guidance



Automated Machine Guidance

- 2009 - Working with the Contracting Industry NCDOT Developed Special Provision for Automated Machine Guidance on Design-Build Projects
- 2010 – Expanded use of Spec to design bid build for large grading projects
- 2011 – Revised the project stake out manual to address reduced staking for AMG projects
- 2011-Current – AMG is allowed on all projects

AUTOMATED MACHINE GUIDANCE

GENERAL

This Special Provision contains requirements to be followed if the Design-Build Team elects to use Global Positioning System (GPS) machine control grading and shall be used in conjunction with Section 801 of the Standard Specifications for Roads and Structures. The use of this technology is referenced as Automated Machine Guidance (AMG)

All equipment using AMG shall be able to generate end results that meet the Standard Specifications. Perform test sections for each type of work to be completed with AMG to demonstrate that the system has the capability to achieve acceptable results. If acceptable results can not be achieved, conform to the requirements for conventional stakeout. The Design-Build Team shall be responsible for all errors resulting from the use of AMG and shall correct deficiencies to the satisfaction of the Engineer at no cost to the Department.



Surveying and Grade Checking before AMG

- Survey stakes set on 50 foot intervals
- Grades set to finished surface
- Workers pull string lines and measure cut or fills
- Cuts or fills are marked and conveyed to operators and grading is performed
- Trial and error method, accuracy and speed of operation was dependent on skill of operator



String-line



No GPS
Receiver



Automated Machine Guidance (AMG)



Proven Benefits of AMG

- Improves the speed and accuracy of highway construction processes
- Eliminates the need for much of the skilled manual control and labor involved in traditional methods
- Limits worker exposure to moving equipment.
- Maintains grade conformity
- Decreased cost of maintenance and fuel
- Fewer errors requiring corrective action



Automated Machine Guidance

- On board computer displays location, elevation, slope, and other details needed for construction.
- Controls grading operation utilizing GPS and hydraulics of the machine.



GPS Technology Gains In Construction

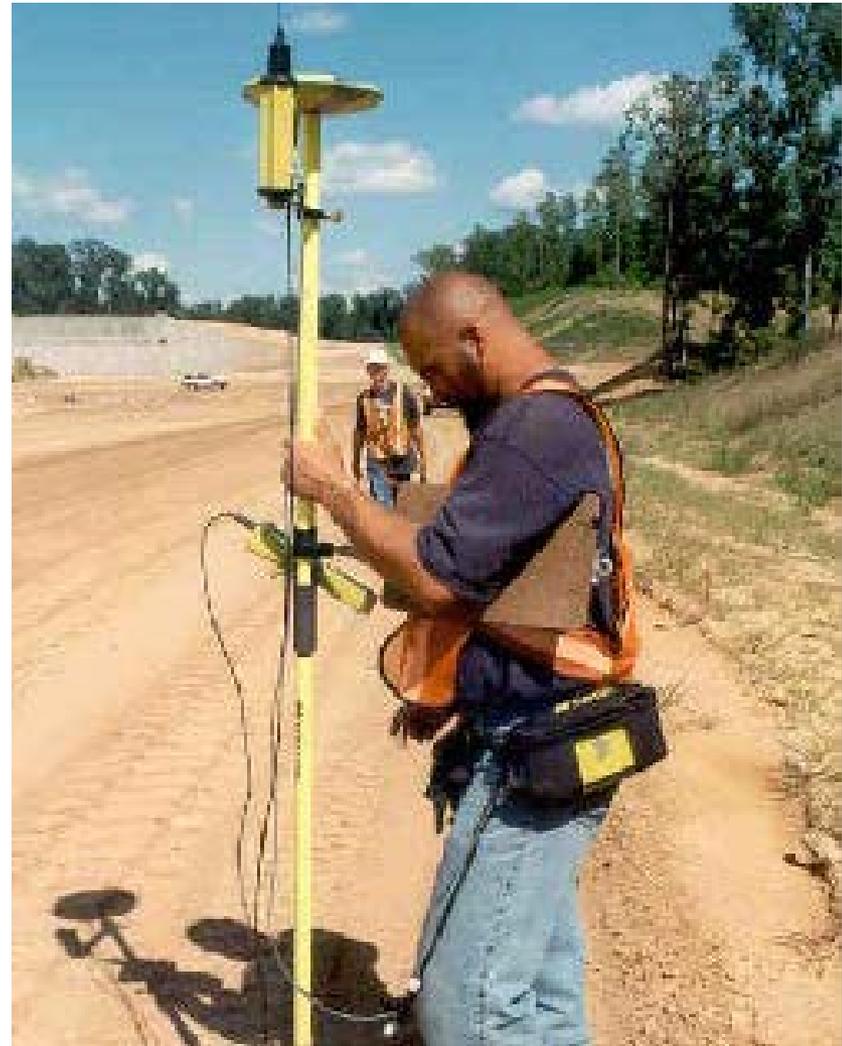
GPS technology	Compared with	Estimated savings
Grade Checking	Manual method	Up to 66%
Reduction or Elimination of Stakes	Using stakes	Up to 85%
Improved material yields/select fills/undercutting	Overruns using manual methods	3% to 6% in volume
Un-interrupted earth moving production under any weather conditions (24/7)	Daytime / fine weather operation only/night work	30% to 50%
RTK, robotics stakeout	Traditional survey stakeout	More than 100% in speed and 66% in staffing

Source: **NCHRP Synthesis 372: Emerging Technologies for Construction Delivery**



AMG Inspection

- Inspector uses GPS Rover to check grades
- Uses Digital Terrain Model loaded into field computer which provides real-time horizontal and vertical location on the project
- Provides final documentation that the completed as-built roadway is built in accordance with design grades



AMG

- AMG is being used for the Concrete Paving project on I-85 north of Henderson.
- Robotic Survey instruments are used with the GPS technology to achieve centimeter accuracy need for paving.



AMG– Concrete Paving I-85



AMG Operator's View I-85



What type of projects is AMG used on?

- 83% of NCDOT contractors are using AMG on new alignment projects.
- 43% of NCDOT contractors are using AMG on urban widening projects
- 20% of NCDOT contractors are using AMG on bridge replacement projects.
- 10% of NCDOT contractors are using AMG on Interstate Resurfacing projects.



What Operations is AMG used for?

Various operations are performed using AMG technology.

- Rough Grading
- Fine Grading
- Asphalt Paving
- Milling
- Concrete Paving
- Pipe Installation
- Curb and Gutter



Efficiencies NCDOT contractors have realized through the use of AMG

- Increased safety
- Reduced time for survey and staking
- Decreased margin of error
- Decreased cost of maintenance and fuel
- Lower operating costs (overtime, wages)
- Complete jobs faster



AMG - Next Steps for NCDOT

- Continue to work with contracting industry to further utilize AMG technology for project delivery.
- Ensure Specifications keep up to date with this ever changing new technology.
- Provide AMG Models to the contractors pre-bid.



Questions?





Board of Transportation Highways Committee

August 3, 2016

Fayetteville Outer Loop Update

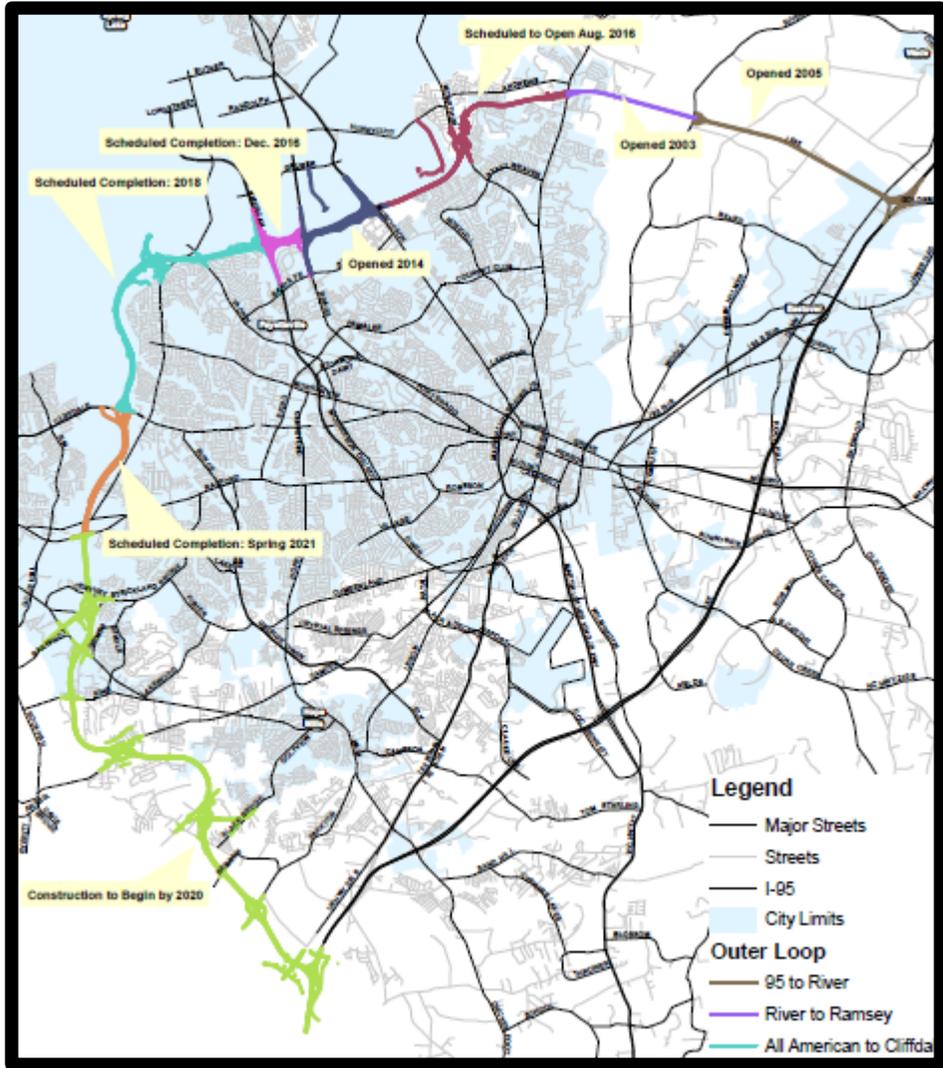
Terry Hutchens, Division 6 Board Member

Greg Burns, PE, Division 6 Engineer



Fayetteville Outer Loop Update

<ul style="list-style-type: none"> • Planning began in late 80's 	Terry Hutchens, Board Member
<ul style="list-style-type: none"> • I-95 to Ramsey Street completed 2005 	
<ul style="list-style-type: none"> • Ramsey to AAF 2016 completion 	
<ul style="list-style-type: none"> • AAF to Cliffdale 2018 completion 	
<ul style="list-style-type: none"> • Remainder of Loop funded through STI in 2015 	Terry Hutchens, Board Member
<ul style="list-style-type: none"> • Anticipate completing Loop by 2025 	



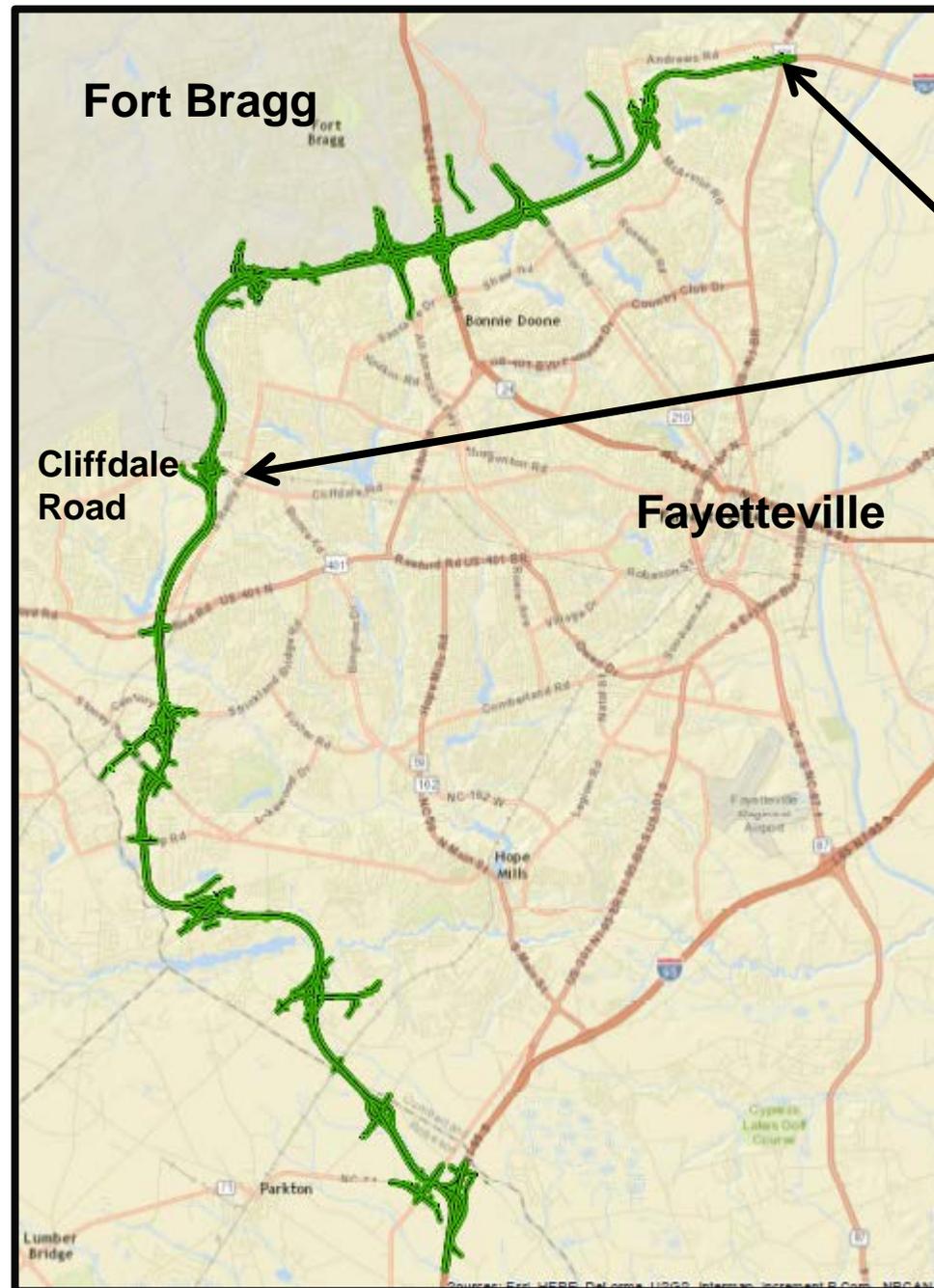
I-295(Fayetteville Outer Loop) I-95 to Ramsey Street



I-295 *(Fayetteville Outer Loop)*

Under Construction

- Ramsey Street to Cliffdale Road



Under Construction



I-295(Fayetteville Outer Loop) Ramsey Street to Bragg Boulevard



I-295(Fayetteville Outer Loop) Ramsey Street to Bragg Boulevard

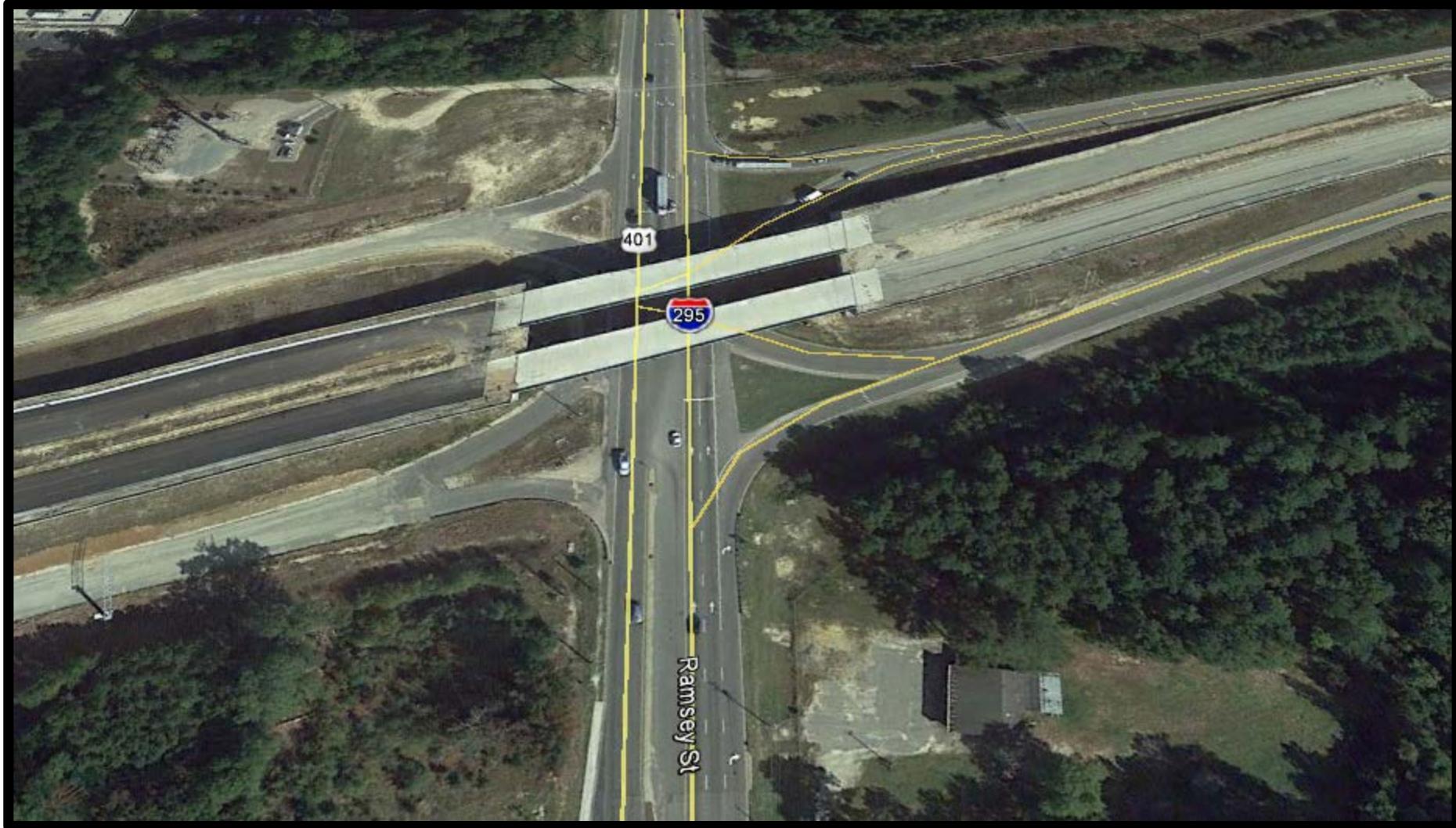
- **Scheduled to Open
August 2016**



I-295(Fayetteville Outer Loop)

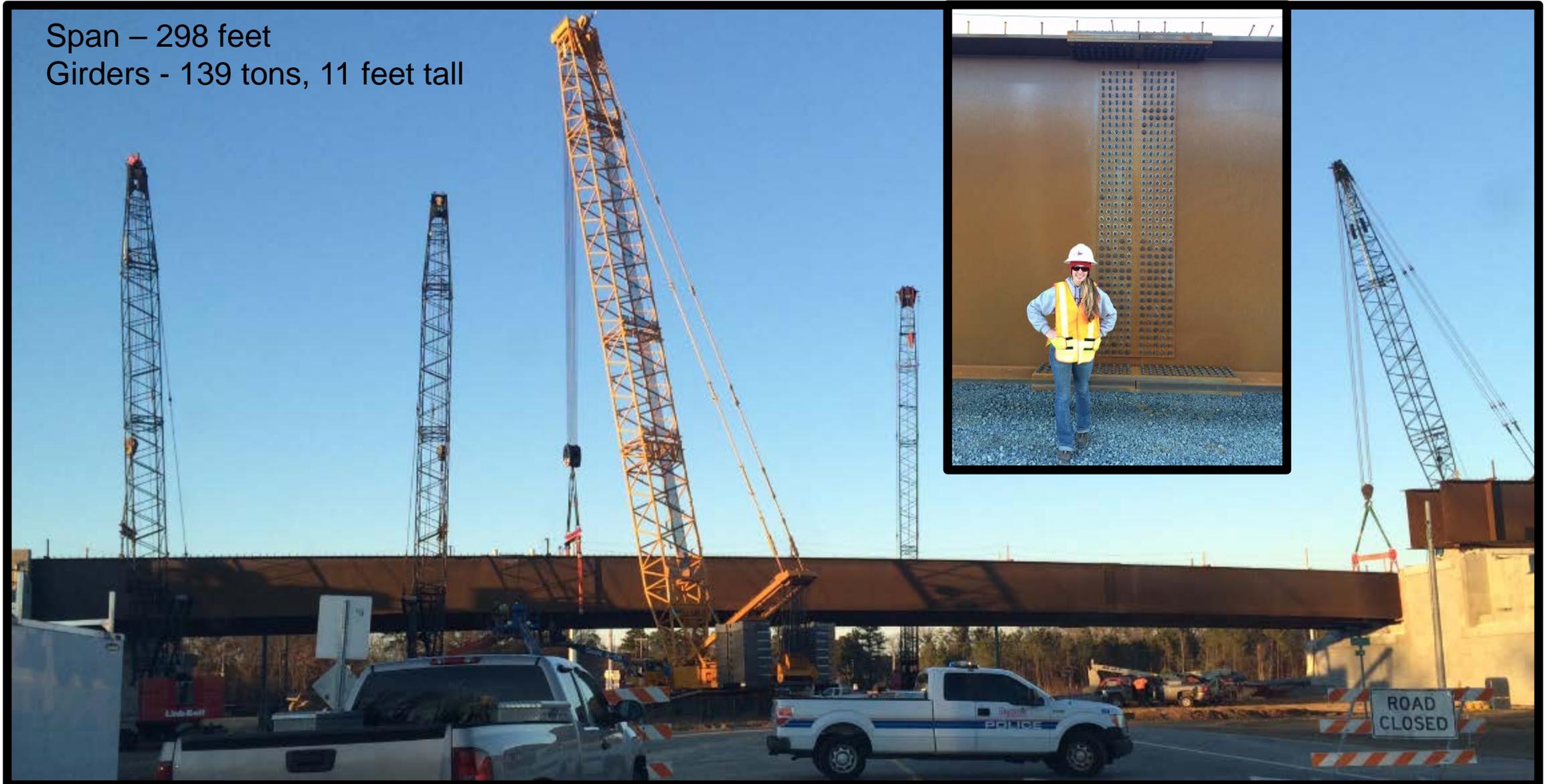


I-295(Fayetteville Outer Loop) Ramsey Street to Bragg Boulevard



I-295(Fayetteville Outer Loop)

Span – 298 feet
Girders - 139 tons, 11 feet tall



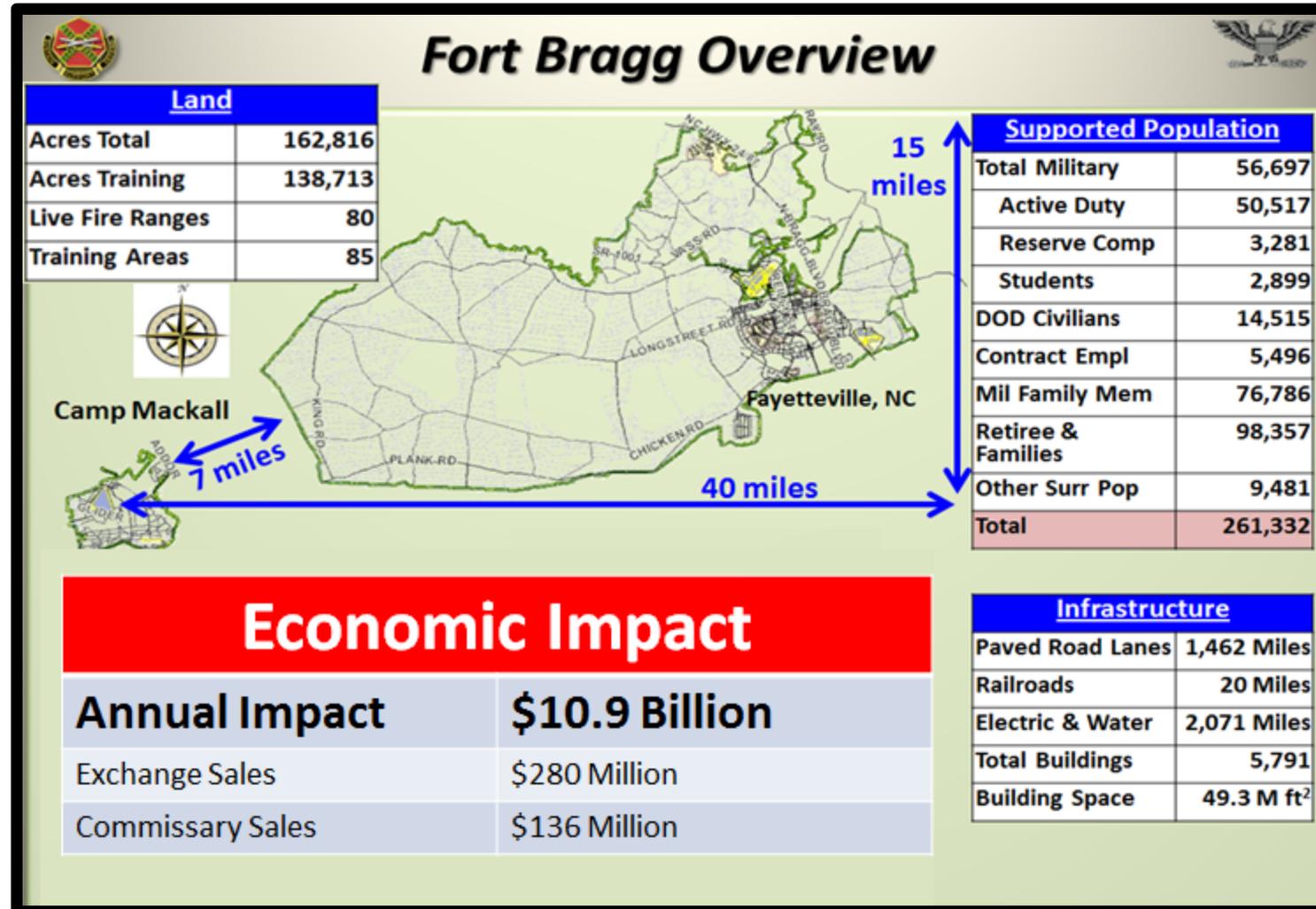
I-295(Fayetteville Outer Loop) Ramsey Street to All American Freeway



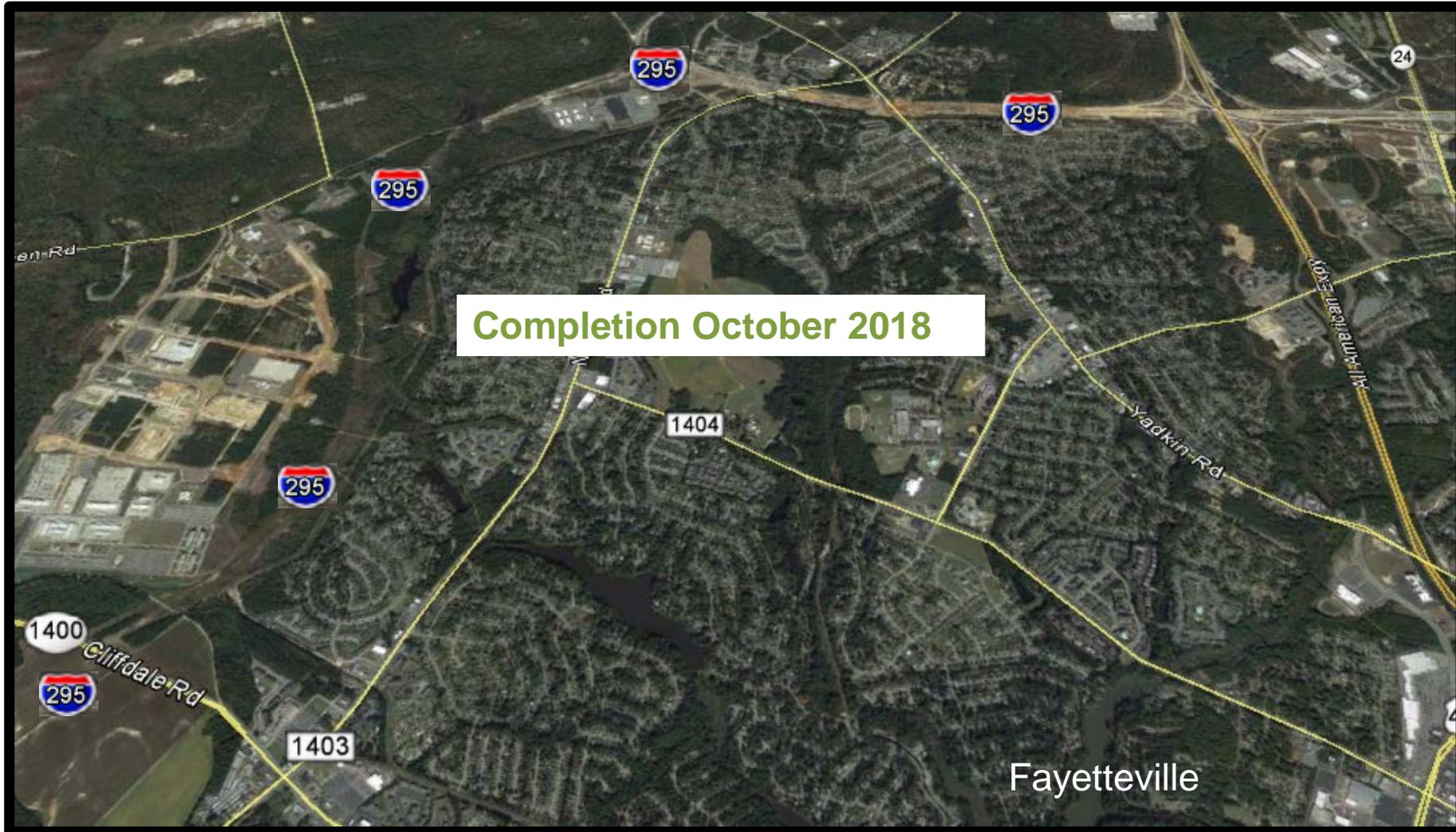
*I-295(Fayetteville Outer Loop)
I-95 to All American Freeway*



I-295(Fayetteville Outer Loop) I-95 to All American Freeway



I-295(Fayetteville Outer Loop) All American Freeway to Cliffdale Road



I-295(Fayetteville Outer Loop) All American Freeway to Cliffdale Road

- **Grading and Structures underway between All American Freeway and Cliffdale Road**
- **Scheduled to open October 2018**



I-295 (Fayetteville Outer Loop)



I-295(Fayetteville Outer Loop) All American Freeway to Cliffdale Road



I-295(Fayetteville Outer Loop)



I-295(Fayetteville Outer Loop)



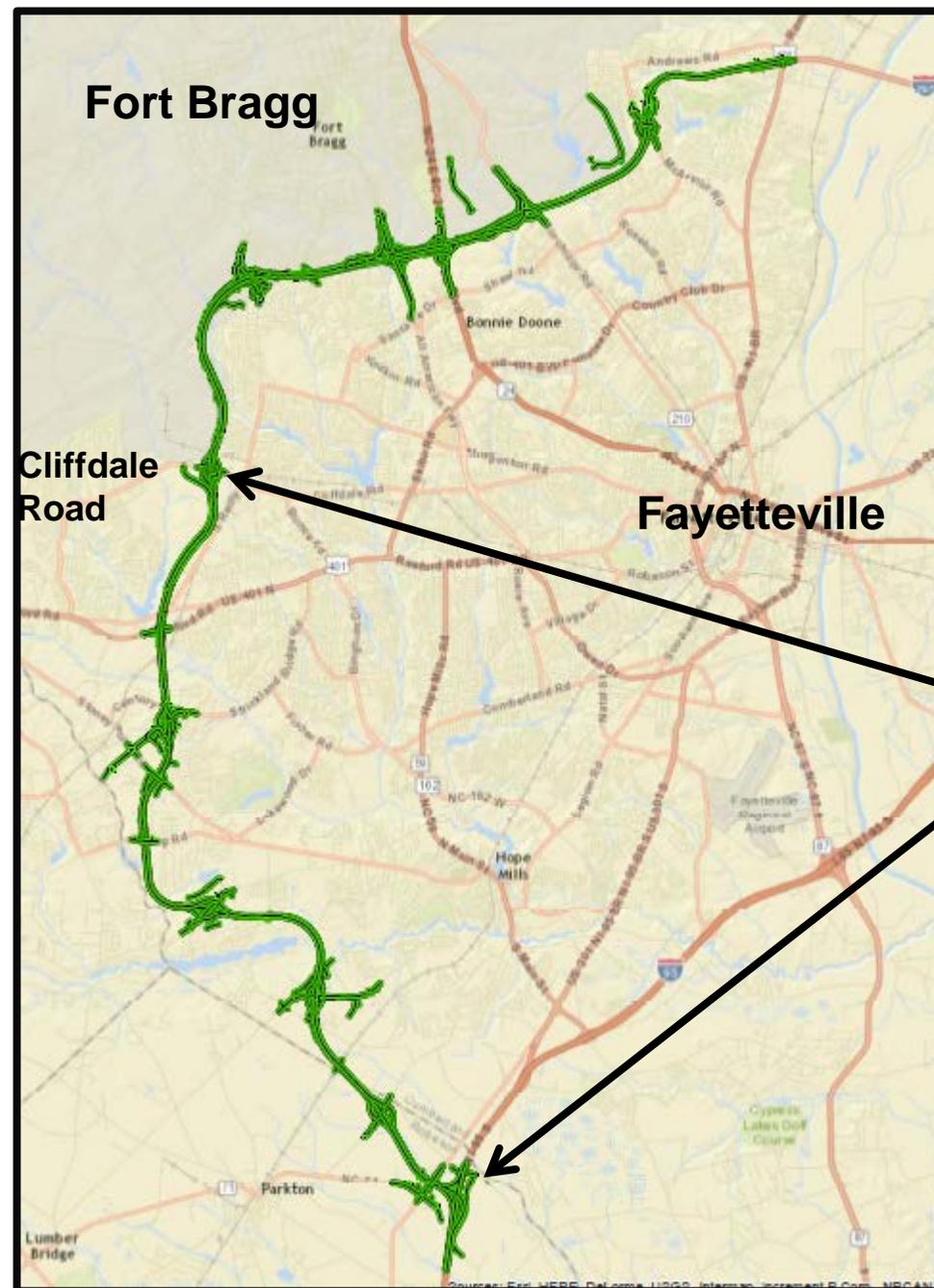
I-295 *(Fayetteville Outer Loop)*

5 New Segments

- U-2519CA - 2016 Let
- U-2519BA/BB - 2018 Let
- U-2519AA/AB – 2020 Let

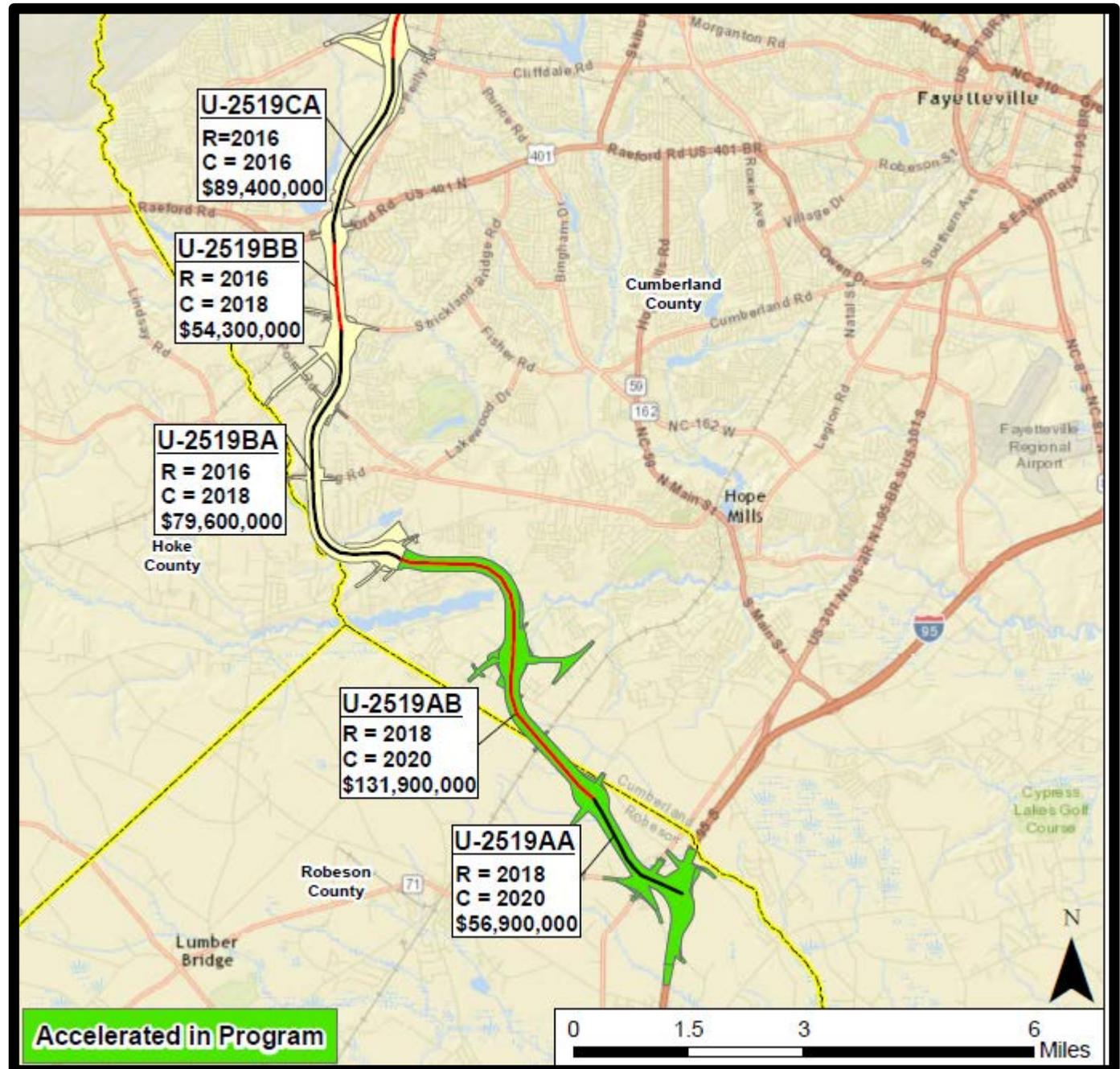
Overall Completion 2025

STI Funding - \$412.1 million



I-295 (Fayetteville Outer Loop)

- Outer Loop from Camden Road to I-95 accelerated from 2021 to 2020



I-295(Fayetteville Outer Loop)

- **Total Miles of Loop 39**
 - **Total Lane Miles 254**
- **Number of Structures 85 bridges and 4 flyovers**



Questions?



Transportation



Board of Transportation Highways Committee

August 3, 2016

FY 2017 Maintenance Allocations

Delbert Roddenberry, PE

Operations Program Management



Overview

- Dollar Amounts
- Division Workshop
- Distribution Formulas
- Dollar Dissemination



Fiscal Year 2017 Appropriations for Maintenance Session Law 2016-94

GENERAL MAINTENANCE RESERVE		\$467,583,999
PAVEMENT PRESERVATION		\$85,045,024
CONTRACT RESURFACING		\$497,946,495
BRIDGE PROGRAM		\$242,374,444
Total		\$1,292,949,962



Consolidation of Primary and Secondary to GMR

Previous Years' Appropriations



\$135M to \$145M



~\$300M



~\$0 to 45M



Consolidation of Primary and Secondary to GMR Session Law 2016-94

FY 2017

SECTION 35.24.(a) The Department of Transportation shall transfer all funds in the Primary Maintenance Account (Fund Code 7821) and the Secondary Road Maintenance and Improvement Fund (Fund Code 7822) to the Reserve for General Maintenance (Fund Code 0934).



\$467.6M



Consolidation of Primary and Secondary to GMR

Session Law 2016-94

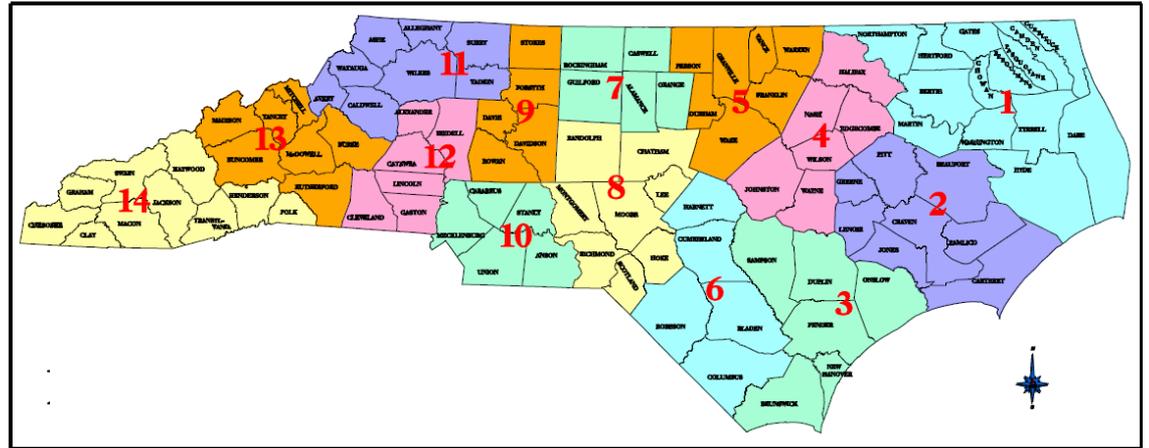
SECTION 35.24.(b) The Department of Transportation, in consultation with its Division Engineers.....determine GMR funds for other purposes...emergency responses, weather-related events, and statewide programs.

July 7th Allocations Workshop

- Division Engineers and Division Maintenance Engineers
- Process Transparency
- Enterprise Programs
- Distribution Formulas
- Consensus



Enterprise Programs



- Emergencies
- Research and Development
- Asset Management & Operations
- State & Federal Obligations



Enterprise Programs

Emergencies: \$90,000,000

Examples:

- Anti Icing and Snow and Ice Removal (including equipment purchases)
- Other weather related events (mud slides)
- Sink Holes
- Sand on NC 12
- Events not covered by FEMA/FHWA reimbursements



Enterprise Programs

Research & Development: \$550,000

- For research, develop and implementation of state of the art maintenance technologies
- Management & Technical Training
 - Institute for Transportation Research and Education (ITRE)
 - NCDOT Supervisors and Engineer Academies
 - Maintenance Engineers Technical Training Sessions (METTS)



Enterprise Programs

Asset Management and Operations: \$17,800,000

- Bridge Central emergency repairs/replacements, upkeep of draw bridge electrical components, navigational lighting
- Replacement of deficient asphalt storage tanks
- Pavement performance data collection and analytics
- National Pollutant Discharge Elimination System (NPDES) compliance for maintenance yards and salt storage
- *Repair and Renovation of Rest Areas
- *Central functions for maintenance of automated signal/ITS systems
- *Central management of TMC's, NC 511 system

*programs formerly part of Highway Trust Fund transferred to Highway Fund



Enterprise Programs

State & Federal Obligations: \$21,835,000

- Asphalt testing lab corrective actions – remedial action plan development
- Beaver control – annual agreement with Animal and Plant Health Inspection Service (APHIS)
- Drug & alcohol testing for CDL licensed employees
- Historical markers – supplement for NC Cultural Resources
- Outdoor advertising – supplements fee-based program
- Oversize/Overweight fees – for pavement and bridge maintenance as result of damage caused from these loads



Enterprise Programs

State & Federal Obligations: \$21,835,000

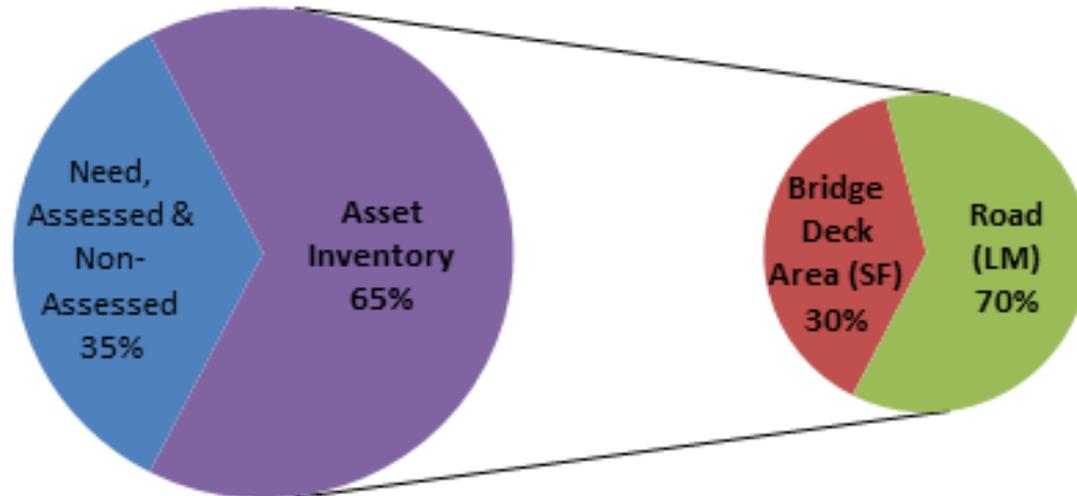
- Oversize/Overweight fees – for pavement and bridge maintenance as result of damage caused from these loads
- Railroad Signal maintenance – annual agreement with rail companies
- State park roads maintenance – annual supplement to maintain state park roads
- Weigh stations – maintain 19 weigh stations at 10 locations
- Inmate labor – Use of min & med custody labor and litter crews



Distribution Formula

GMR, Contract Resurfacing*, & Pavement Preservation

Div Allocation = \$ Available to Distribute X (0.35 X Needs + 0.65 X Inventory)



* Contract Resurfacing included an equal distribution per County totaling \$ \$89.1M per SL 2015-241



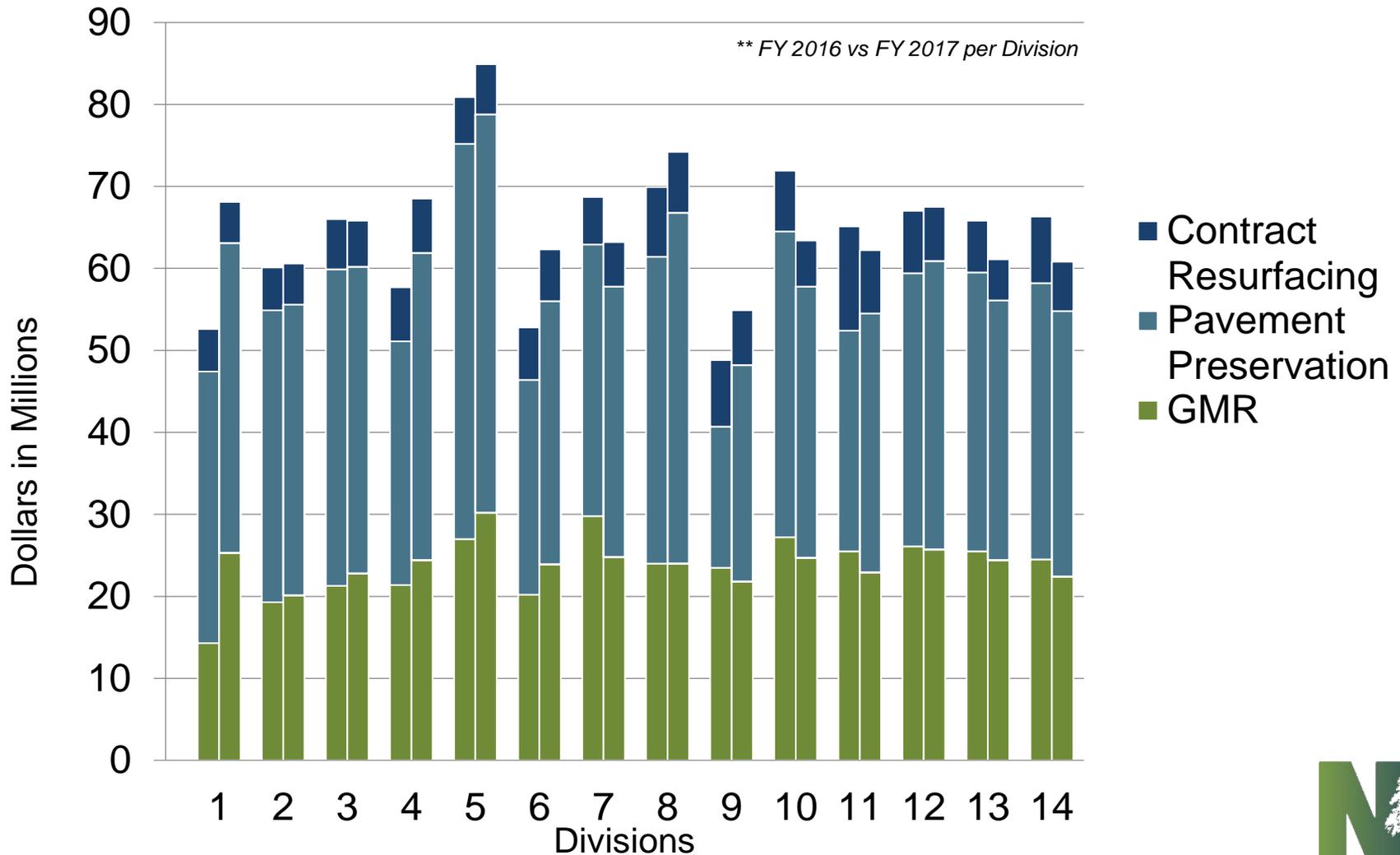
Dollar Dissemination (\$M)

GMR, Contract Resurfacing, Pavement Preservation

Division	FY 2016 Maint (Pri. & Sec.)	FY 2017 Maint (GMR)	FY 17 Contract Resurfacing	FY 17 Pavement Preservation	FY 2017 Total
1	14.3	25.3	37.8	5.0	68.1
2	19.3	20.1	35.5	5.0	60.6
3	21.3	22.8	37.4	5.6	65.8
4	21.4	24.4	37.5	6.6	68.5
5	27.0	30.2	48.6	6.1	84.9
6	20.2	23.9	32.1	6.3	62.3
7	29.8	24.8	33.0	5.4	63.2
8	24.0	24.0	42.8	7.4	74.2
9	23.5	21.8	26.4	6.7	54.9
10	27.2	24.7	33.1	5.6	63.4
11	25.5	22.9	31.6	7.7	62.2
12	26.1	25.7	35.2	6.6	67.5
13	25.5	24.4	31.7	5.0	61.1
14	24.5	22.4	32.4	6.0	60.8
SW	128.7	130.2	2.8	0.0	133
Total	\$458	\$467.6	\$497.9	\$85.0	\$1,050.5

Division Level Dollar Dissemination (\$M)

GMR, Contract Resurfacing, Pavement Preservation



Distribution Formula Bridge Program

Statewide:

Planning:	\$10,000,000
R/W:	\$18,750,000
Construction:	<u>\$46,250,000</u>
Total:	\$75,000,000

Uniform Allocation:

Per Division: \$6,000,000

Div Allocation = \$6M + (\$ Available to distribute x Need)

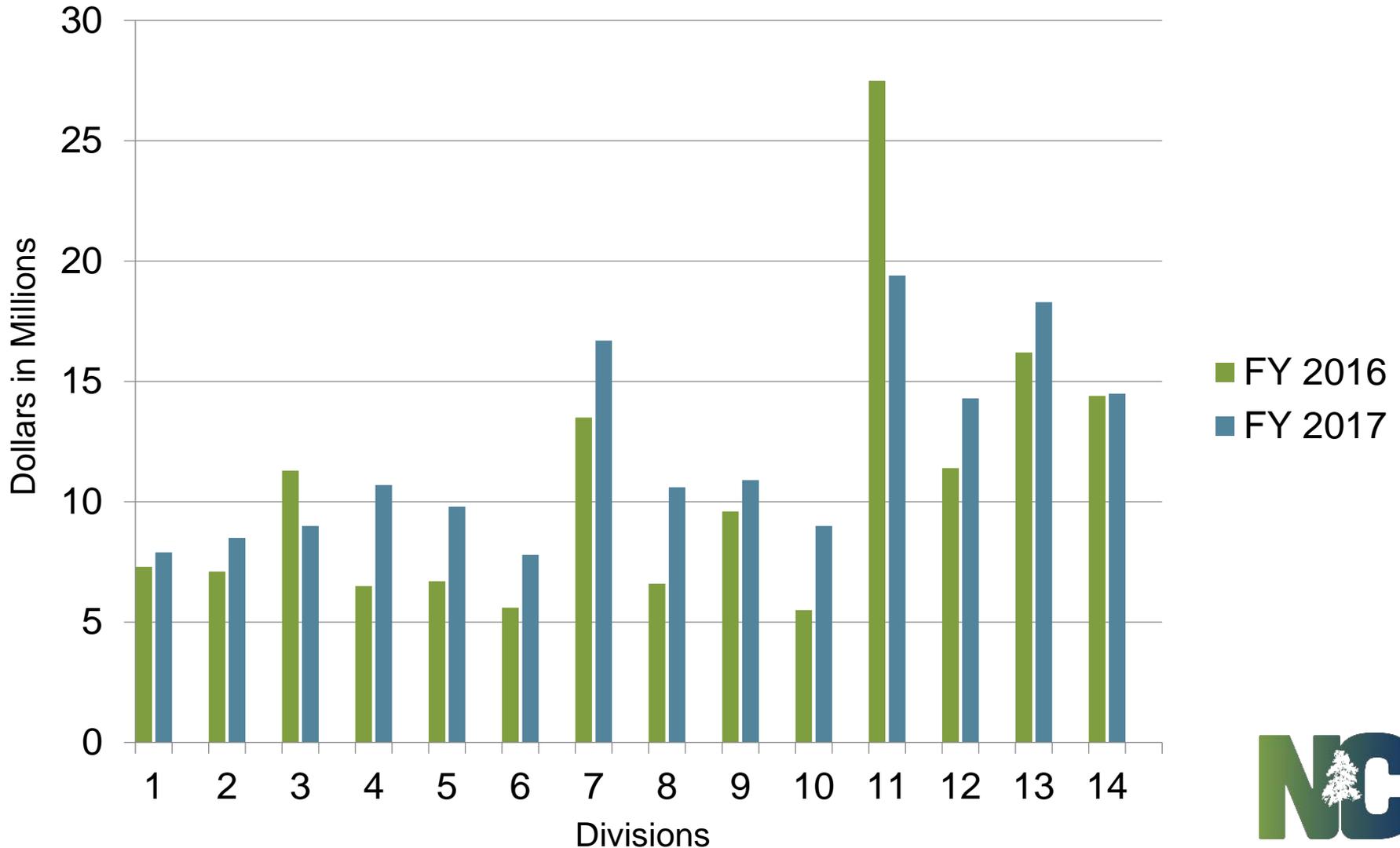


Dollar Dissemination (\$M)

Division	FY 2016 Bridge Program	FY 2017 Bridge Program
1	7.3	7.9
2	7.1	8.5
3	11.3	9.0
4	6.5	10.7
5	6.7	9.8
6	5.6	7.8
7	13.5	16.7
8	6.3	10.6
9	9.6	10.9
10	5.5	9.0
11	27.5	19.4
12	11.4	14.3
13	16.2	18.3
14	14.4	14.5
Statewide	64.0	75.0
Total	\$213.0	\$242.4



Division Level Dollar Dissemination (\$M) Bridge Program



Questions?





Transportation

MULTIMODAL COMMITTEE MEETING MINUTES

DATE: 6/29/2016 TIME: 10:30am LOCATION: EIC

MEETING CALLED BY	Vice Chairman – John Lennon at 10:33
BOARD ATTENDEES	John Lennon, Cheryl McQueary, Malcolm Fearing, Jeff Sheehan, Sandra Fountain, Gus Tulloss and Lou Wetmore. Board Vice Chair Ferrell Blount also attended.

AGENDA TOPICS

1. MAY MINUTES APPROVAL – Andy Perkins	
DISCUSSION SUMMARY	Approval of May Minutes.
ACTIONS TAKEN	Motion to approve was made by Sandra Fountain and seconded by Lou Wetmore. Motion was approved.

2. FUNDING ITEMS – I-1A, I-1B, I-2, I-4	
DISCUSSION SUMMARY	Funding items for Public Transit, Rail, and Aviation were presented and approved.
ACTIONS TAKEN	Motion to approve Public Transit funding items was made by Lou Wetmore and Seconded by Sandra Fountain. Motion to approve Rail funding items was made by Sandra Fountain and seconded by Cheryl McQueary. Motion to approve Aviation funding items was made by Lou Wetmore and seconded by Sandra Fountain. All items were approved.

3. TRANSIT UPDATE – KEITH WEATHERLY	
DISCUSSION SUMMARY	Mr. Weatherly discussed personnel changes in Aviation and Bicycle and Pedestrian Divisions. Ed Johnson acting as interim director of the Bicycle and Pedestrian Division due to Lauren Blackburn's departure. In the Aviation Division Trey VanBenthuyzen and Jon Arnold will be Acting Director and Deputy Director while Bobby Walston is on military leave for the next 10 weeks.



MULTIMODAL COMMITTEE MEETING MINUTES

ACTIONS TAKEN	Informational
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4. PUBLIC TRANSPORTATION UPDATE – DEBBIE COLLINS	
DISCUSSION SUMMARY	<p>Ms. Collins announced that the 100th transit system began service on June 6th in Burlington, NC which was the only urbanized area without a fixed route operation.</p> <p>They are launching a new planning process called Community Connectivity Plans.</p> <p>The division currently has 2 interns, one from each of NCDOT's programs – the NCDOT intern program and HBCU intern program.</p> <p>During the 3rd quarter of FY16, transit systems in NC carried 17.4M passenger trips.</p>
ACTIONS TAKEN	Informational



MULTIMODAL COMMITTEE MEETING MINUTES

5. AVIATION DIVISION – JON ARNOLD AND TREY VANBENTHUYSEN	
DISCUSSION SUMMARY	<p>FAA has approved drones for commercial use. No pilot license is required for hobbyists and the federal age requirement is now 16. Working to make changes to state regulations to be consistent with FAA rule. One modification must be to change age of operators from current NC requirement of 17 to 16. Commercial users must take and pass an online knowledge test and place N#s onto the drone for identification. Funds were allocated last year specifically for a new mode within Aviation for “policing” of drones.</p> <p>Division has attended several regional NC Airports Association meetings and is working to train agencies and divisions on the new online grant application process to enable a faster response and award of funds.</p> <p>Cheryl McQueary asked about exemptions for government agencies to use UAS vehicles for emergency operations or disaster relief situations. Mr. VanBenthuyesen responded, there is currently no exemption for registration of drones. Training will be ongoing for LEOs and other agencies who may utilize drones for various reasons. Education and the ongoing changes that come with any new process was stressed as this new technology grows and they address all of the possible implications as they arise.</p> <p>Aviation is updating their website to reflect all of the ongoing changes.</p>
ACTIONS TAKEN	Informational

6. RAIL UPDATE – PAUL WORLEY	
DISCUSSION SUMMARY	<p>Mr. Worley referred to the Rail Report and noted that a training video for LEOs on the Rail Safe Program has been completed. It stresses the “blue sign” crossing information.</p> <p>The You-tube video “11 foot 8” was mentioned and we now have “over height detectors” in place at the particularly dangerous RR bridge in Durham which will give a Red Light signal when a vehicle that is too tall approaches and the signal will remain red until the vehicle leaves.</p> <p>Push Pull service continues while Raleigh Union station is out of service.</p> <p>PIP continues on schedule with the most recent award being for the Charlotte maintenance facility.</p>



MULTIMODAL COMMITTEE MEETING MINUTES

ACTIONS TAKEN	Informational
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7. BIKE & PEDESTRIAN UPDATE – ED JOHNSON	
DISCUSSION SUMMARY	<p>Mr. Johnson referred to the information provided in the packet and thanked everyone for allowing him to fill in as interim director.</p> <p>Cheryl McQueary mentioned that she would like Communications to develop a yearly calendar which would provide information on upcoming events so all the Divisions could be better represented and the public would get more notification of things like the “Watch for Me NC” or “Safe Routes to School”. Looking for more than press releases and encouraged everyone to contact Crystal Feldman or Miracle King to get items out for public awareness.</p>
ACTIONS TAKEN	Informational

8. FERRY UPDATE AND INTRODUCTION – ED GOODWIN	
DISCUSSION SUMMARY	<p>Mr. Goodwin reported that dredging was going well and all boats participating in the recent Hatteras fishing tournament were able to get out and return safely.</p> <p>Dredging was suspended due to lack of marking for underground cables, they have locating services coming out to mark before continuing.</p> <p>Summer schedules underway all vessels operating, expecting a busy Holiday weekend.</p>
ACTIONS TAKEN	Informational



MULTIMODAL COMMITTEE MEETING MINUTES

9. PASSENGER FERRY FEASIBILITY STUDY – WILL LETCHWORTH, PE	
DISCUSSION SUMMARY	<p>Introduction was made by Ed Goodwin.</p> <p>The presentation by Mr. Letchworth was well received and timely since the appropriation by the legislature of funds for walk-on ferry service. The report covered plans to create a passenger ferry system which potentially would increase revenue and ease congestion and wait times for the traditional car ferries currently in use. Wait times were listed as the #1 complaint about the current system resulting in approximately 9% of potential consumers leaving. The report covered historical data as well as future projections and included recommendations for additional infrastructure that would be necessary to implement the plan. Questions were asked and discussed with the Committee members regarding fees and reduction of traditional ferry routes, as well as potential opportunities to provide various transportation options for day trippers. A hard copy of the full report was made available to all of the members.</p>
ACTIONS TAKEN	Informational



MULTIMODAL COMMITTEE AGENDA

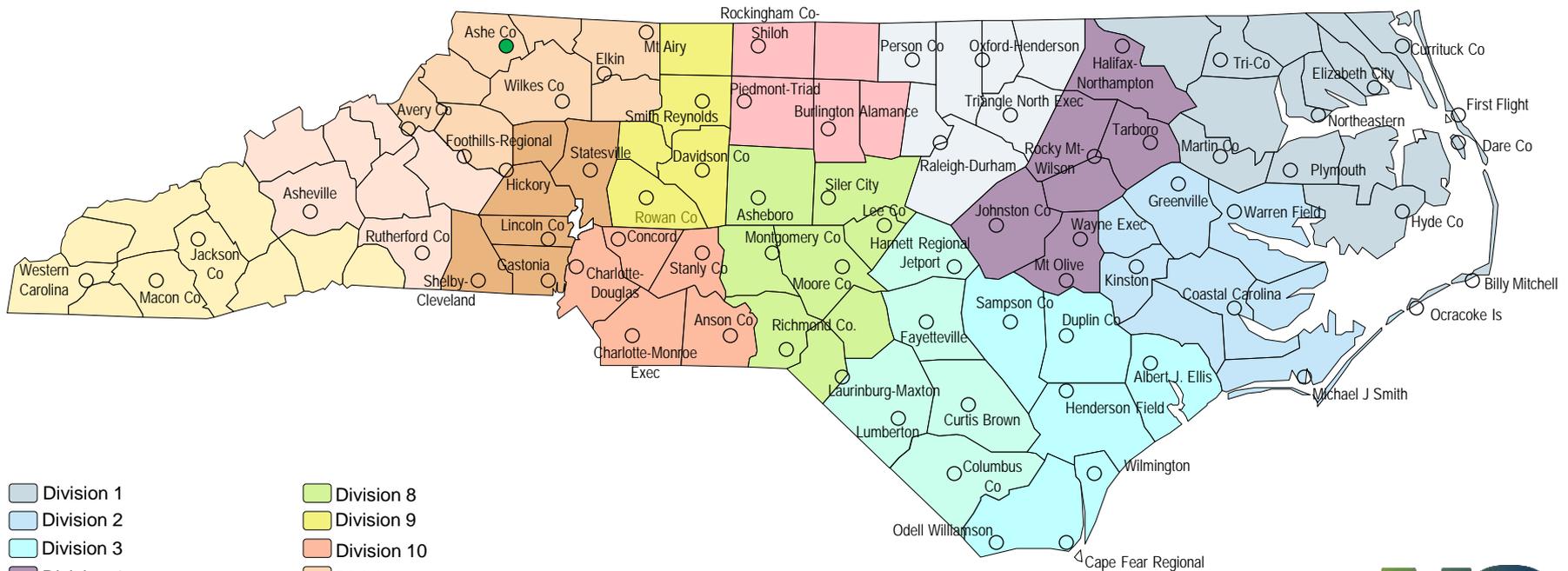
BOARD OF TRANSPORTATION AUGUST 3, 2016

TIME: 10:30am

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order	Chairman Perkins	10:30
Approval of Minutes	Chairman Perkins	10:30-10:35
Funding Items (PTD, Rail, Aviation)	Transit Directors	10:35-10:40
Transit Update	Keith Weatherly	10:40-10:45
Public Transportation Update	Debbie Collins	10:45-10:50
Aviation Update	Trey VanBenthuyzen	10:50-10:55
Bike & Pedestrian Update	Ed Johnson	10:55-11:00
Ferry Update	Ed Goodwin	11:00-11:05
Rail Update and Introductions	Paul Worley	11:05-11:15
NCDOT Rail Industry Workforce Assessment	David Causey, P.E.	11:15-12:00
Adjourn	Vice Chair – John Lennon	12:00

Airport Development Program Funding



- Division 1
- Division 2
- Division 3
- Division 4
- Division 5
- Division 6
- Division 7
- Division 8
- Division 9
- Division 10
- Division 11
- Division 12
- Division 13
- Division 14

Projects Considered for Grant Modification
 ● General Aviation Under consideration – State Aid

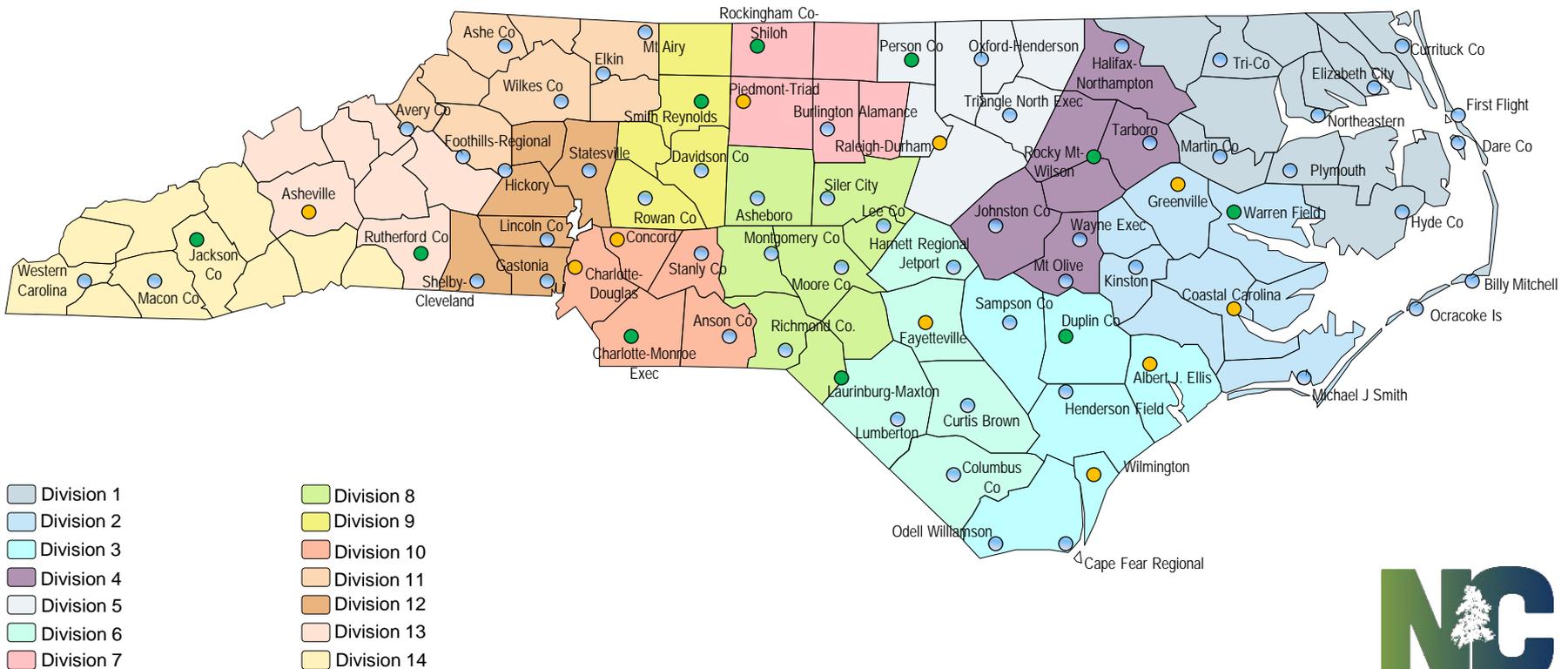


Airport Development Program Funding

- Commercial Service
- General Aviation

Project Design Only

- General Aviation Programmed for State Aid
- General Aviation Programmed for State Aid;
(Under consideration – FAA Discretionary)



**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
FERRY DIVISION MONTHLY UPDATE REPORT FOR JUN 2016**

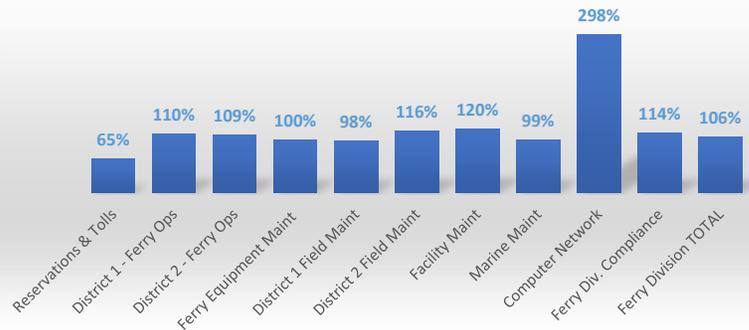
Ridership (Vehicles)

Ferry Routes	CY16 JUN	CY15 JUN	DELTA	FY16 YTD	FY15 YTD	DELTA
Currituck - Knotts Island	1,717	1,836	-6.5%	19,016	17,841	6.6%
Hatteras - South Dock	33,845	40,743	-16.9%	249,858	259,637	-3.8%
Swan Quarter - Ocracoke	4,396	4,409	-0.3%	33,229	31,914	4.1%
Cedar Island - Ocracoke	6,400	7,189	-11.0%	46,932	50,120	-6.4%
Aurora - Bayview	4,629	4,505	2.8%	50,632	58,196	-13.0%
Cherry Branch - Minnesott	19,896	19,858	0.2%	196,210	201,528	-2.6%
South Port - Fort Fisher	24,686	24,593	0.4%	204,799	195,062	5.0%
Emergency Ferry Rt.	N/A	N/A	N/A	N/A	N/A	N/A
Monthly Total	95,569	103,133	-7.3%	800,676	814,298	-1.7%

Budget (Operations & Maintenance)

Departments	FY2016 Spending Plan	FY Expenditures through JUN 2016
Reservations & Tolls	\$ 342,607.11	\$ 221,563.50
District 1 - Ferry Ops	\$ 10,525,000.00	\$ 11,614,753.78
District 2 - Ferry Ops	\$ 8,350,000.00	\$ 9,096,365.78
Ferry Equipment Maint	\$ 13,536,331.00	\$ 13,497,955.83
District 1 Field Maint	\$ 600,000.00	\$ 590,569.32
District 2 Field Maint	\$ 650,000.00	\$ 753,979.84
Facility Maint	\$ 400,000.00	\$ 479,958.14
Marine Maint	\$ 1,000,000.00	\$ 994,073.46
Computer Network	\$ 2,500.00	\$ 7,455.35
Ferry Div. Compliance	\$ 1,450,000.00	\$ 1,646,223.97
Ferry Division TOTAL	\$ 36,856,438.11	\$ 38,902,898.97

Percent of Planned Budget Spent



Status of Capital Reserves Funds

Routes	WBS	WBS Balance as of JUN 2016
FER Shipyard Capital Reserve	16SP.43	\$ 1,408,345.02
FER Sys Cptl All Routes	16SP.501.1	\$ 996,645.26
FER D1 Currituck-Knotts Island Cap Reserve	16SP.511.1	\$ 22,114.44
FER D1 Hatteras Inlet Cap Reserve	16SP.512.1	\$ 182,265.46
FER D1 Swan Quarter - Ocracoke Island Cap Reserve	16SP.513.1	\$ 1,072,879.61
FER D1 Ocracoke Island of OI-Cedar Island Cap Reserve	16SP.514.1	\$ 1,019,349.84
FER D2 Pamlico River Route Cap Reserve	16SP.521.1	\$ 24,676.22
FER D2 Cherry Branch - Minnesott Beach Cap Reserve	16SP.522.1	\$ 120,027.42
FER D2 Cedar Island of OI - Cedar Island Cap Reserve	16SP.523.1	\$ 1,019,377.97
FER D2 South Port - Fort Fisher Cap Reserve	16SP.531.1	\$ 2,174,197.59
Total		\$ 8,039,878.83

Updates or Comments

1. The Ferry Operation building replacment projects are at the following levesl of completion.
 - a) Swan Quarter 80%
 - b) Currituck 90%
 - c) Cherry Branch 10%

2. FY 17 Legislative action
 - a) \$4 million a year reoccurring appropriated for vessel replacment
 - b) Non tolled routes will remained non tolled
 - c) BOT controls toll rate. No longer done at RPO level
 - d) \$3.65 million appropriated for passenger ferry construction
 - e) \$2.35 million for shipyard expansion





Public Transportation Division

Public Transportation Leaders Recognized at NCPTA Conference

Several PTD staff members and public transportation system managers received awards at the NCPTA Conference in Concord on June 14, 2016.

Governor's Award

Kerr Area Transit Authority Executive Director Robert J. Brink, Jr. received the Governor's Public Transportation Award from the Public Transportation Division for his contribution to improving public transportation services in North Carolina. Award criteria includes commitment, leadership, innovation and perseverance in the face of adverse working conditions.



Secretary's Award

Tammy Montanez, PTD Deputy Director, received the Secretary's Award from the North Carolina Public Transportation Association. The award recognizes exceptional leadership in individuals who have made significant contributions to public transportation in North Carolina.

Public Transportation Retirements

PTD also recognizes the services of several public transportation system managers from across the state and congratulates them on their retirement. We also celebrate one of our staff member's retirement.

- Steve Moore (Duplin County; 13 years)
- Grace A. Rettig (Scotland County; 15 years)
- Thomas J. Cook (ITRE; 19 years)
- Becky Smith (Clay County; 20 years)
- Tamra H. Shaw (NCDOT; 30 years)
- Gwen Hinson (Stanly County; 30 years)

They have served the people of North Carolina faithfully and made significant strides in providing quality, reliable public transportation to the state.





PTD Activities Underway

What's New?

July 2016 Activities

Training:

- 2 CFR 200 Training
- Lean Six Sigma – Yellow Belt
- SharePoint
- Excel
- Legacy Leadership

Meetings Attended:

- Meetings with MPOs and systems on new five-year budget expectations

Upcoming:

- Transit Operations Planning
- PTD Annual Meeting – Sept. 13
- TRB Paratransit and Intercity Bus Conference – Asheville Oct. 2-5

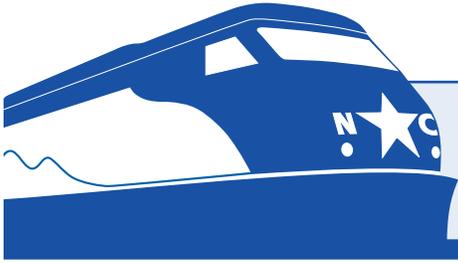
PTD Success Plan Posted

The Plan is available [here online](#) under featured documents.

- A **new calendar** of deadlines has been developed and shared with the systems. It includes our FY17 expectations about timely submissions for both reporting and grants. Calendars will be part of our new Connect website.
- **Success Plans** have been launched. PTD staff is working on our first quarter activities and assisting our partners with their first Net Promoter Scores (NPS) due 9/15.
- **Transit Asset Management (TAM)** Notice of Proposed Rulemaking (NPRN) was issued last fall. We are waiting on the final rule and working on our plan, tools and processes. We are evaluating open source software opportunities, like TransAM, as well as adding capacity in our existing maintenance software application (EAM). As recipients of FTA funding, we are responsible for the state of good repair (SGR) for vehicles, facilities and other equipment.
- The final rule for **Statewide and Nonmetropolitan Transportation Planning** was issued on May 27, 2016. It is a performance based planning requirement that includes transit targets in Transit Asset Management and Safety Management System. Coupled with the NPRN issued on June 27, 2016 on MPO Coordination and Planning Area reform, we expect to see changes in our planning processes.
- **Safety Management System (SMS)** Final Rule is also expected soon. We are updating our System Safety Plan requirements to include changes such as identifying an Accountable Executive and System Safety Officer.
- **National Transit Database (NTD)** Final Rule is expected soon as well. PTD is hoping that the proposed detail for assets will be modified to accept the TAM data.

PTD New Employees

- Our new organization structure has created new opportunities within the Division. Donnie Tim is our new Compliance Manager, overseeing all compliance and procurement activities. Brittany Goode joins us from Colorado Springs, CO as our Planner responsible for all of the rural programs. Gretchen Vetter has been promoted to a Planner from Trainee and is the urban programs team leader. Welcome! We are so happy you have joined us!



Construction Viewing Event Held for Sugar Creek Road Grade Separation

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The Sugar Creek Road Grade Separation is part of a series of upgrades to the Raleigh to Charlotte portion of the North Carolina Railroad Company's line. This rail corridor currently sees more than 30 Norfolk Southern Railway freight trains and eight Amtrak trains per day.

"As one of the most significant population and economic centers in the Southeast, Charlotte is at the forefront of many of our state's transportation advances, including rail — and this project is a great demonstration of that," said NCDOT Transportation Secretary Nick Tennyson, who offered remarks during Monday's event.

"Investment in rail infrastructure is also a prominent part of Governor McCrory's 25-Year Vision for transportation investment in our state in recognition of its important role in North Carolina's future."

Completion of this project will eliminate the risk of train/vehicle collisions at this location, improve safety for both vehicle and rail passengers, reduce traffic delays in the area, and creates a safe way for pedestrians and motorists to get over the tracks to the future CATS Blue Line Extension Sugar Creek Station. The project is funded by the City of Charlotte, the North Carolina Railroad Company (NCRR), Norfolk Southern, the Federal Railroad Administration and the NCDOT.

"The Sugar Creek Road overpass will have a significant impact on safety – improving the busiest railroad highway crossing on the North Carolina Railroad line," said NCRR President, Scott Saylor.

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Greenville Distribution Center expands through FRRCSI program

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Below: The Rail Customer Service Team – Tracey Creech, Tim McHugh and Alison Boswell



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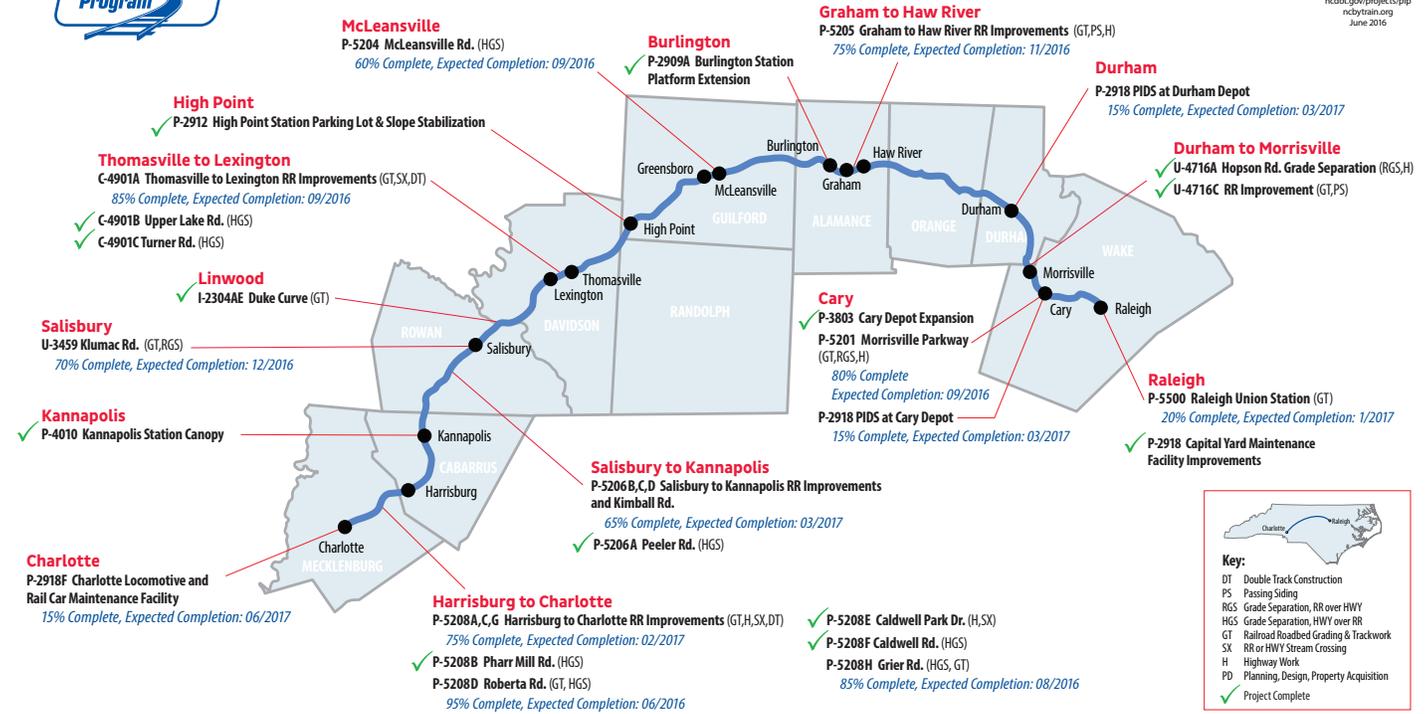
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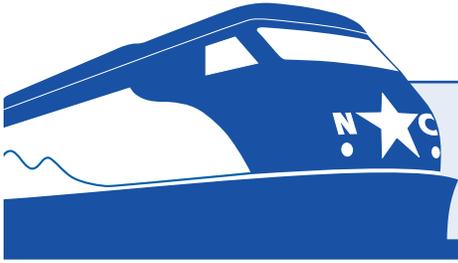
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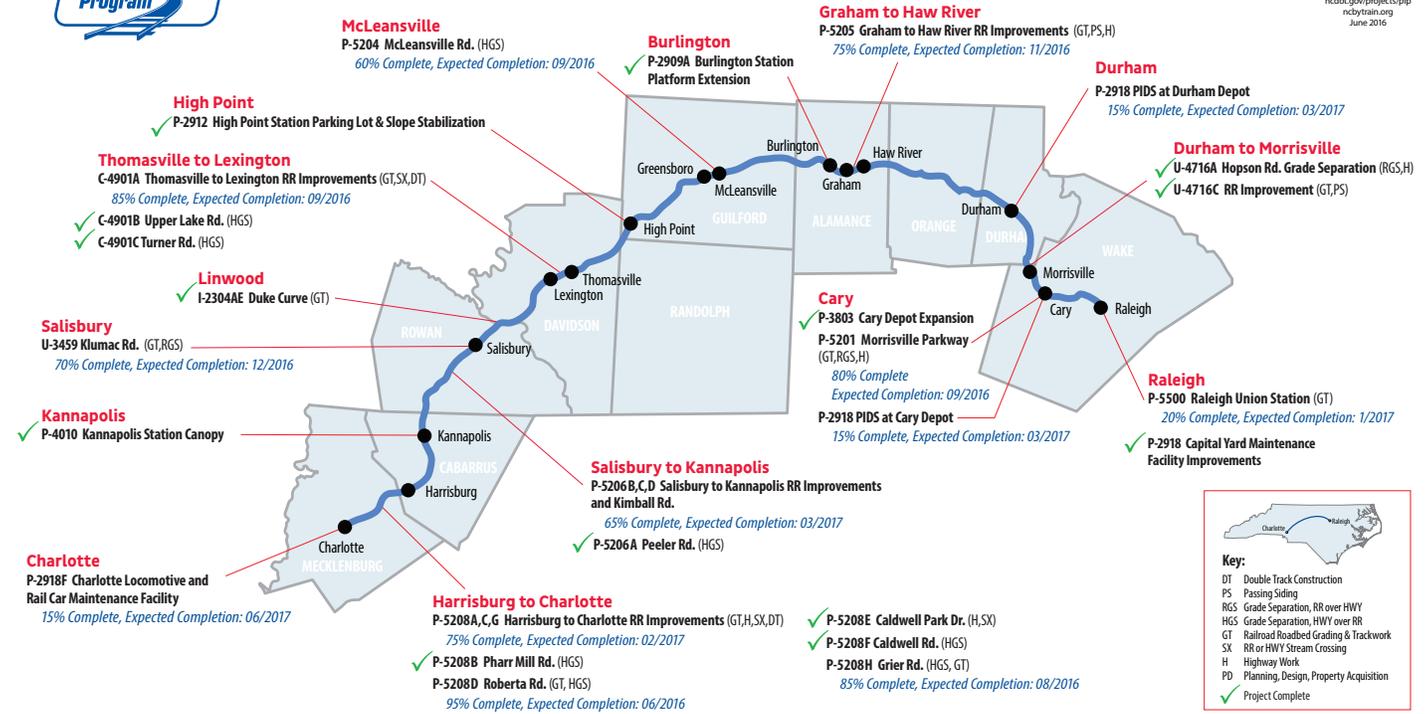
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ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION AUGUST 3, 2016

TIME: 3:30 PM

LOCATION: 160

TOPIC	PRESENTER	TIME
William Grey Bailey – US70 from Ebenezer Church Road to US 70 Goldsboro Bypass Bridge over Little River, Division 4 (Tulloss)	Leigh Wing	5 min
Other Business	Leigh Wing	10 min