



Transportation

MEETING AGENDA (UPDATED 6/1/16)
Monthly Meeting of the North Carolina Board of Transportation
1 South Wilmington Street Raleigh, North Carolina 27601
June 1-2, 2016

WEDNESDAY, JUNE 1, 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

NCDOT Report (Restructure)	Walt Gray/Rodger Rochelle/Mike Holder
Product Evaluation Program Awareness	Natalie Roskam
CFO/Budget Update	David Tyeryar
Legislative Update	Mary Jernigan
2016 – 2018 Biennial Budget, NCDEQ Division of Mitigation Services	Phil Harris/Michael Ellison

1:15PM – 1:30PM

BREAK

1:30PM – 3:00PM (Joint Committee Meeting)

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

3:00PM – 3:30PM

Road, Bridge, Ferry Naming Committee	Room 160
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3:30PM – 5:00PM

General Meeting Time	Various Locations
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NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

- Call to Order
- Invocation
- Ethics Declaration
- Approval of May Board Meeting Minutes
- Secretary's Remarks

Chairman Curran
 Jim Crawford
 Chairman Curran
 Chairman Curran
 Secretary Tennyson

INFORMATION AND DELEGATED AUTHORITY

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

Noise Policy Update
 Piedmont Improvement Program Update

Mike Holder
 Paul Worley

ACTION

Chairman Curran

2016 – 2018 Biennial Budget, NCDEQ Division of Mitigation Services

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-4) Aviation Program
- (Item J) Specific State Funds for Construction Projects
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) TIP Amendments
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances

Committee Reports

Chairman Curran

Other Business

Adjourn

PROJECTS LIST
NORTH CAROLINA BOARD OF TRANSPORTATION
RALEIGH, NORTH CAROLINA
June 1-2, 2016

Delegated AuthoritySecretary Tennyson

- (Item C) Award of Highway Construction Contracts from May 17, 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

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

NCDOT Board of Transportation Agenda

ITEM C

May 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.
MAY 17, 2016
DIVISION 00002

PAGE : 1 of 20
ITEM C

C203865
2016CPT.02.03.10541.1
STATE FUNDED
LENOIR

PROPOSAL LENGTH 8.462 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF US-70.

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

RPN 001 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 3,021,645.39

DATE AVAILABLE JUL 05 2016

INTER COMPLETION DEC 01 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 01 2017

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	3,062,506.33	+1.4
S. T. WOOTEN CORPORATION WILSON, NC	3,593,529.76	+18.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00005

PAGE : 2 of 20
ITEM C

C203727
42329.3.1
STATE FUNDED
GRANVILLE
B-5171

PROPOSAL LENGTH 0.180 MILES

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

LOCATION BRIDGE #125 OVER ARRON'S CREEK ON SR-1400 (GRASSY CREEK RD).

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

RPN 002 7 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%
ESTIMATE 869,026.53

DATE AVAILABLE OCT 15 2016 THRU MAR 01 2017

INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT
VEGETATION ESTABLISHMENT 195 DAYS AFTER START DATE

FINAL COMPLETION 375 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	894,894.04	+3.0
DANE CONSTRUCTION, INC. MOORESVILLE, NC	898,046.88	+3.3
SMITH-ROWE, LLC MOUNT AIRY, NC	937,990.81	+7.9
S. T. WOOTEN CORPORATION WILSON, NC	938,893.22	+8.0
DELLINGER, INC. MONROE, NC	986,553.30	+13.5
ENGLISH CONSTRUCTION CO., INC. LYNCHBURG, VA	1,281,154.03	+47.4
BURLEIGH CONSTRUCTION COMPANY INC CONCORD, VA	1,463,987.21	+68.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00005

PAGE : 3 of 20
ITEM C

C203864
2016CPT.05.09.10351.1, 2016CPT.05.09.20351.1
STATE FUNDED
FRANKLIN

PROPOSAL LENGTH 56.435 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF NC-39, 1 SECTION OF NC-56, AND 11 SECTIONS OF SECONDARY ROADS.

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

RPN 003 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 6,014,280.12

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION JUN 30 2017

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	5,644,784.29	-6.1
CAROLINA SUNROCK LLC RALEIGH, NC	6,094,977.23	+1.3
S. T. WOOTEN CORPORATION WILSON, NC	6,255,283.00	+4.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00006

PAGE : 4 of 20
ITEM C

C203819
52008.3.FS1
NHPP-0095(034)
CUMBERLAND
I-5731

PROPOSAL LENGTH 13.470 MILES

TYPE OF WORK PAVEMENT AND BRIDGE REHABILITATION.

LOCATION I-95 FROM MILE MARKER 40 TO MILE MARKER 53.

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

RPN 004 2 BIDDER(S) DBE GOAL 9.00 %

ESTIMATE 16,390,799.74

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION NOV 15 2017

	\$ TOTALS	% DIFF
HIGHLAND PAVING COMPANY LLC FAYETTEVILLE, NC	16,448,222.78	+0.4
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	17,588,436.59	+7.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00006

PAGE : 5 of 20
ITEM C

C203841
53052.3.FS1
NHPP-0074(183)
ROBESON
I-5847

PROPOSAL LENGTH 6.500 MILES

TYPE OF WORK PAVEMENT REHABILITATION.

LOCATION I-74 FROM US-74 ALTERNATE TO NC-710.

EST CONST PROGRESS.... FY-2017..91% OF BID
FY-2018..09% OF BID

RPN 005 3 BIDDER(S) DBE GOAL 3.00 %

ESTIMATE 3,998,157.79

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION SEP 15 2017

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	3,289,123.37	-17.7
HUDSON PAVING, INC. ROCKINGHAM, NC	3,392,910.01	-15.1
JOHNSON BROTHERS UTILITY & PAVING COMPANY, INC. LILLINGTON, NC	3,457,714.63	-13.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00006

PAGE : 6 of 20
ITEM C

C203861
2016CPT.06.08.10091.1, 2016CPT.06.08.10241.1, 2016CPT.06.08.20091.1, 2016CPT.06.08.20241.1
STATE FUNDED
BLADEN, COLUMBUS

PROPOSAL LENGTH 48.160 MILES

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

LOCATION 1 SECTION EACH OF NC-53, NC-131, NC-410, NC-210, NC-214, AND 4 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..96% OF BID
FY-2018..04% OF BID

RPN 006 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 6,191,829.73

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION JUL 30 2017

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	6,170,750.06	-0.3
HIGHLAND PAVING COMPANY LLC FAYETTEVILLE, NC	6,465,275.65	+4.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00007

PAGE : 7 of 20
ITEM C

C203728
46058.3.1
BRZ-2821(1)
GUILFORD
B-5344

PROPOSAL LENGTH 0.156 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING & STRUCTURE.

LOCATION BRIDGE #161 OVER SOUTH BUFFALO CREEK ON SR-2821.

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

RPN 007

5 BIDDER(S)

DBE GOAL 7.00 %

ESTIMATE 948,432.05

DATE AVAILABLE JUL 15 2016 THRU OCT 01 2016

INTER COMPLETION COMPLETE ALL WORK EXCEPT FOR PLANTING, REFORESTATION, OR PERMANENT
VEGETATION ESTABLISHMENT 285 DAYS AFTER START DATE

FINAL COMPLETION 465 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	864,734.58	-8.8
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	870,718.50	-8.2
DANE CONSTRUCTION, INC. MOORESVILLE, NC	939,644.25	-0.9
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	997,794.00	+5.2
ENGLISH CONSTRUCTION CO., INC. LYNCHBURG, VA	1,232,239.69	+29.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00007

PAGE : 8 of 20
ITEM C

C203783
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 1.1MI EAST OF SR-1556 (GALLIMORE DAIRY RD) IN GREENSBORO.

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

RPN 008 2 BIDDER(S) DBE GOAL 6.00 %

ESTIMATE 5,949,262.94

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION JUL 01 2018

	\$ TOTALS	% DIFF
PENHALL COMPANY ANAHEIM, CA	8,230,315.17	+38.3
INTERSTATE IMPROVEMENT, INC. FARIBAULT, MN	8,465,139.39	+42.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00009

PAGE : 9 of 20
ITEM C

C203780
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..69% OF BID
FY-2018..31% OF BID

RPN 009 2 BIDDER(S) DBE GOAL 14.00 %

ESTIMATE 3,387,608.15

DATE AVAILABLE JUN 27 2016

INTER COMPLETION MAY 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 OCT 28 2018

	\$ TOTALS	% DIFF
YATES CONSTRUCTION CO., INC. STOKESDALE, NC	3,984,210.29	+17.6
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	4,397,228.00	+29.8

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 MAY 17, 2016
 DIVISION 00010

C203863

2016CPT.10.57.10131.1, 2016CPT.10.57.10131.2, 2016CPT.10.57.10131.3, 2016CPT.10.57.20131.1,
 2016CPT.10.57.20131.10, 2016CPT.10.57.20131.11, 2016CPT.10.57.20131.12, 2016CPT.10.57.20131.13,
 2016CPT.10.57.20131.14, 2016CPT.10.57.20131.15, 2016CPT.10.57.20131.16, 2016CPT.10.57.20131.17,
 2016CPT.10.57.20131.18, 2016CPT.10.57.20131.19, 2016CPT.10.57.20131.2, 2016CPT.10.57.20131.4,
 2016CPT.10.57.20131.5, 2016CPT.10.57.20131.6, 2016CPT.10.57.20131.7, 2016CPT.10.57.20131.8,
 2016CPT.10.57.20131.9, 2016CPT.10.57.20132.1, 2016CPT.10.57.20132.2, 2016CPT.10.57.20132.3

STATE FUNDED

CABARRUS, MECKLENBURG

PROPOSAL LENGTH 29.360 MILES

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

LOCATION 1 SECTION OF US-601, 1 SECTION OF NC-49, 1 SECTION OF NC-73, AND 43 SECTIONS OF
 SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..86% OF BID
 FY-2018..14% OF BID

RPN 010 5 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%
 ESTIMATE 4,876,205.05

DATE AVAILABLE JUL 05 2016

INTER COMPLETION AUG 19 2016 COMPLETE ALL WORK REQUIRED ON MAP #25.
 SEP 30 2016 COMPLETE ALL WORK REQUIRED OF FULL DEPTH RECLAMATION
 OPERATIONS.

FINAL COMPLETION NOV 01 2017

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	5,208,623.73	+6.8
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	5,436,517.80	+11.5
BLYTHE BROTHERS ASPHALT CO LLC CHARLOTTE, NC	5,676,548.23	+16.4
THE LANE CONSTRUCTION CORP CHESHIRE, CT	5,856,063.24	+20.1
GRANITE CONTRACTING LLC CORNELIUS, NC	6,278,713.00	+28.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00010

PAGE : 11 of 20
ITEM C

C203851

2016CPT.10.58.20902.8, 2016CPT.10.64.10901.18, 2016CPT.10.64.20901.19, 2016CPT.10.64.20901.20,
2016CPT.10.64.20901.21, 2016CPT.10.64.20901.22, 2016CPT.10.64.20901.23, 2016CPT.10.64.20901.24,
2016CPT.10.64.20901.25, 2016CPT.10.64.20901.26, 2016CPT.10.64.20901.27, 2016CPT.10.64.20901.28,
2016CPT.10.64.20901.29

STATE FUNDED
UNION

PROPOSAL LENGTH 18.390 MILES

TYPE OF WORK MILLING, RESURFACING, WIDENING, SHLD RECONST AND CONST.

LOCATION 1 SECTION OF NC-16 AND 26 SECTIONS OF SECONDARY ROADS.

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

RPN 011 4 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 3,738,477.84

DATE AVAILABLE JUN 27 2016

INTER COMPLETION AUG 15 2016 COMPLETE FULL DEPTH RECLAMATION OPERATIONS ON ANY MAP.

FINAL COMPLETION AUG 30 2017

	\$ TOTALS	% DIFF
LYNCHES RIVER CONTRACTING, INC. PAGELAND, SC	3,945,493.71	+5.5
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	3,980,359.68	+6.5
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	4,594,357.70	+22.9
THE LANE CONSTRUCTION CORP CHESHIRE, CT	4,686,190.87	+25.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00011

PAGE : 12 of 20
ITEM C

C203810
42308.3.1
STATE FUNDED
ASHE
B-5147

PROPOSAL LENGTH 0.037 MILES

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

LOCATION BRIDGE #327 OVER LITTLE BUFFALO CREEK ON SR-1509 (CLAYBANK ROAD).

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

RPN 012 2 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 3.00%
ESTIMATE 495,503.15

DATE AVAILABLE JUN 27 2016

INTER COMPLETION NOV 15 2016 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 15 2017

	\$ TOTALS	% DIFF
JAMES R. VANNOY & SONS CONSTRUCTION COMPANY, INC JEFFERSON, NC	476,176.10	-3.9
MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	517,398.05	+4.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00011

PAGE : 13 of 20
ITEM C

C203855
17BP.11.R.119
STATE FUNDED
CALDWELL, WILKES

PROPOSAL LENGTH 0.268 MILES

TYPE OF WORK EXPRESS DESIGN BUILD.

LOCATION REPLACEMENT OF 1 BRIDGE IN CALDWELL COUNTY, AND 3 BRIDGES IN WILKES COUNTY.

EST CONST PROGRESS.... FY-2017..57% OF BID
FY-2018..36% OF BID
FY-2019..07% OF BID

RPN 019 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 5.00%
ESTIMATE 3,307,533.00

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION NOV 01 2018

	\$ TOTALS	% DIFF
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	2,827,831.00	-14.5
EASTERN STRUCTURES LLC MOCKSVILLE, NC	2,848,204.00	-13.9
SMITH-ROWE, LLC MOUNT AIRY, NC	2,927,175.59	-11.5
APPLE TUCK & ASSOCIATES, INC. RUTHERFORDTON, NC	3,000,000.00	-9.3
JAMES R. VANNOY & SONS CONSTRUCTION COMPANY, INC JEFFERSON, NC	3,200,754.64	-3.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00011

PAGE : 14 of 20
ITEM C

C203858
17BP.11.R.120
STATE FUNDED
CALDWELL, WILKES

PROPOSAL LENGTH 0.399 MILES

TYPE OF WORK EXPRESS DESIGN BUILD.

LOCATION REPLACEMENT OF 1 BRIDGE IN CALDWELL COUNTY AND 6 BRIDGES IN WILKES COUNTY.

EST CONST PROGRESS.... FY-2017..56% OF BID
FY-2018..36% OF BID
FY-2019..08% OF BID

RPN 020 4 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 6.00%
ESTIMATE 3,248,400.00

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION NOV 15 2018

	\$ TOTALS	% DIFF
* MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	4,385,000.00	+35.0
* CHANGE IMPROPERLY MADE		
* CHANGES NOT INITIALED		
JAMES R. VANNOY & SONS CONSTRUCTION COMPANY, INC JEFFERSON, NC	4,507,388.11	+38.8
APPLE TUCK & ASSOCIATES, INC. RUTHERFORDTON, NC	4,631,000.00	+42.6
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	5,484,602.00	+68.8

* DENOTES IRREGULAR BID

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00012

PAGE : 15 of 20
ITEM C

C203857
2016CPT.12.04.10021, 2016CPT.12.04.20021, 2016CPT.12.04.20022
STATE FUNDED
ALEXANDER

PROPOSAL LENGTH 15.060 MILES

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

LOCATION NC-16 FROM PAVEMENT JOINT TO WILKES COUNTY LINE AND 10 SECTIONS OF SECONDARY ROADS.

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

RPN 013 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 2,576,185.92

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION AUG 26 2017

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	2,479,456.50	-3.8
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	2,867,810.84	+11.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00012

PAGE : 16 of 20
ITEM C

C203859
2016CPT.12.06.10231, 2016CPT.12.06.20231
STATE FUNDED
CLEVELAND

PROPOSAL LENGTH 16.380 MILES

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

LOCATION US-74 FROM SR-2244 (HARMON ROAD) TO 528 FEET WEST OF GROVE STREET AND 5 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..86% OF BID
FY-2018..14% OF BID

RPN 014 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 3,902,548.94

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION NOV 01 2017

	\$ TOTALS	% DIFF
ASPHALT PAVING OF SHELBY INC SHELBY, NC	3,870,384.94	-0.8
THE LANE CONSTRUCTION CORP CHESHIRE, CT	4,352,356.08	+11.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00012

PAGE : 17 of 20
ITEM C

C203860
2016CPT.12.08.10491, 2016CPT.12.08.20491
STATE FUNDED
IREDELL

PROPOSAL LENGTH 70.180 MILES

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

LOCATION 1 SECTION OF I-40, US-70, NC-3, AND NC-152, 2 SECTIONS OF US-21 AND NC-115, AND 45 SECTIONS OF SECONDARY ROADS.

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

RPN 015 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 10,833,363.95

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION NOV 15 2017

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	10,651,585.50	-1.7
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	13,957,208.13	+28.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00014

PAGE : 18 of 20
ITEM C

C202434
38908.3.FS2
STP-0064(136)
CLAY
R-4416

PROPOSAL LENGTH 4.040 MILES

TYPE OF WORK GRADING, DRAINAGE, AND PAVING.

LOCATION US-64 FROM 1.5 MILES EAST OF CHUNKY GAL GAP WEST END OF SR-1349 TO 1.8 MILES EAST OF EAST END OF SR-1349.

EST CONST PROGRESS.... FY-2017..58% OF BID
FY-2018..37% OF BID
FY-2019..05% OF BID

RPN 016 4 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 6,962,861.79

DATE AVAILABLE JUN 27 2016

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

FINAL COMPLETION MAR 30 2019

	\$ TOTALS	% DIFF
WATSON CONTRACTING, INC. FRANKLIN, NC	5,558,484.66	-20.2
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNC	6,359,194.35	-8.7
GRAHAM COUNTY LAND COMPANY LLC ROBBINSVILLE, NC	6,592,236.05	-5.3
THUNDER CONTRACTING, INC. WAYNESVILLE, NC	7,474,015.49	+7.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
MAY 17, 2016
DIVISION 00014

PAGE : 19 of 20
ITEM C

C203856
44671.3.1
FLAP019
GRAHAM
R-5770

PROPOSAL LENGTH 18.360 MILES

TYPE OF WORK PAVEMENT REHABILITATION.

LOCATION NC-143 FROM TENNESSEE STATE LINE TO SR-1159 AT SANTEELAH GAP.

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

RPN 017 1 BIDDER(S) DBE GOAL 3.00 %
ESTIMATE 2,835,713.00

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION OCT 01 2017

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNC	3,346,443.20	+18.0

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 MAY 17, 2016
 DIVISION 00014

C203761
 52034.3.1
 NHPP-0040(018)23
 HAYWOOD
 I-5756

PROPOSAL LENGTH 6.719 MILES

TYPE OF WORK PAVEMENT & BRIDGE REHABILITATION, AND GUARDRAIL.

LOCATION I-40 FROM 0.4 MI EAST OF SR-1366 (ORCHARD COVE RD) TO 0.2 MI EAST OF SR-1513 (HYDER MOUNTAIN RD).

EST CONST PROGRESS.... FY-2017..58% OF BID
 FY-2018..37% OF BID
 FY-2019..05% OF BID

RPN 018 1 BIDDER(S) DBE GOAL 2.00 %
 ESTIMATE 18,671,474.27

DATE AVAILABLE JUN 27 2016

FINAL COMPLETION OCT 01 2018

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	16,798,498.21	-10.0

ESTIMATE TOTAL	108,219,309.35	
LETTING TOTAL	108,137,518.46	-0.1

NCDOT June 2016
Board of Transportation Agenda

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

Professional Services Management

Technical Services

Project Development and Environmental Analysis

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

DIVISION 3

Project:	44604 (part of R-3436) Brunswick County Proposed Carolina Bays Parkway Extension, from SC 9 in Horry County South Carolina to US 17 near NC 904 in Brunswick County North Carolina (formerly NCDOT STIP Project R-3436 and SCDOT Project P029554) (joint project with SCDOT)
Scope of Work:	Project Development Study and Prepare a Federal Environmental Impact Statement
Estimated Construction Cost:	\$148,200,000.00
Firm:	Calyx Engineers and Consultants, Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	100%

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

STATEWIDE

Description of Work:	2014 Planning and Design LSC
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%

June 2, 2016

Description of Work: 2014 Planning and Design LSC
Firm: Atkins North America, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: H. W. Lochner, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: Hatch Mott MacDonald I&E, LLC, Fuquay-
Varina, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: HDR Engineering Inc. of the Carolinas,
Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: ICA Engineering, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: Kimley-Horn & Associates, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: Moffatt & Nichol, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: Calyx Engineers & Consultants, Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2014 Planning and Design LSC
Firm: Parsons Brinckerhoff, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: RS&H Architects-Engineers-Planners, Inc.,
Charlotte, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$6,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: Stantec Consulting Services, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: Stewart, Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 100%

Description of Work: 2014 Planning and Design LSC
Firm: Three Oaks Engineering, Inc., Durham, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2014 Planning and Design LSC
Firm: URS Corporation-North Carolina, Morrisville,
NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: VHB Engineering NC, PC, Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
SPSF Utilization: 0%

Description of Work: 2014 Planning and Design LSC
Firm: Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Time extension only to
December 31, 2016
DBE/WBE/SPSF Utilization: 100%

STATEWIDE

Description of Work: 2015 Planning and Design LSC
Firm: AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to December 31, 2016
SPSF Utilization: 0%

Description of Work: 2015 Planning and Design LSC
Firm: Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to December 31, 2016
SPSF Utilization: 0%

Description of Work: 2015 Planning and Design LSC
Firm: CDM Smith, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to December 31, 2016
SPSF Utilization: 0%

Description of Work: 2015 Planning and Design LSC
Firm: Davenport, Winston-Salem, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to December 31, 2016
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2015 Planning and Design LSC
Firm: Dewberry Engineers, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to December 31, 2016
SPSF Utilization: 0%

Description of Work: 2015 Planning and Design LSC
Firm: KCI Associates of North Carolina, Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
Supplemental Fee: \$ 0.00 Time extension only to December 31, 2016
SPSF Utilization: 0%

Description of Work:	2015 Planning and Design LSC
Firm:	Parsons Transportation Group, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2015 Planning and Design LSC
Firm:	Simpson Engineers & Associates, PC, Cary, NC
Maximum Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
DBE/MBE/SPSF Utilization:	100%
Description of Work:	2015 Planning and Design LSC
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
Previous Supplemental Fee:	\$1,500,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2015 Planning and Design LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	0%
Description of Work:	2015 Planning and Design LSC
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$ 0.00 Time extension only to December 31, 2016
SPSF Utilization:	100%
Description of Work:	2015 Planning and Design LSC
Firm:	Vaughn & Melton Consulting Engineers, Asheville, NC
Maximum Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$ 500,000.00 and Time extension to December 31, 2016
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$75,000.00 15%
SPSF Utilization:	Parrish and Partners of North Carolina, PLLC \$75,000.00 15%

DIVISION 10

Project: 38965.1.1 (U-2509) Mecklenburg County
Charlotte – US 74 (Independence Blvd.) from
Charlotte Outer Loop to Idlewild Road

Scope of Work: Preparation of EA, FONSI, CIA/ICE, ICI Water
Quality Assessments, Public Involvement,
Wetland and Stream Delineation, T&E Studies,
Preliminary Roadway Design and Preliminary
Hydraulics Report

Estimated Construction Cost: \$20,000,000.00

Firm: VHB Engineering NC, PC, Raleigh, NC

Maximum Engineering Fee: \$1,200,000.00

Supplemental Fee: \$1,600,000.00

Supplemental Work: Completion of EA and FONSI

DBE/WBE/SPSF Utilization: Three Oaks Engineering, Inc. \$160,000.00
10%

SPSF Utilization: Sungate Design Group, PA \$80,000.00
5%

DIVISION 6

Project: 45833.1.1 (U-5605) Cumberland County
SR 4202 (Odell Road) from the Fort Bragg
Boundary to NC 24/NC 87 (Bragg Boulevard)
in Spring Lake

Scope of Work: EA, FONSI, Capacity Analysis, and Public
Involvement

Estimated Construction Cost: \$8,200,000.00

Firm: STV Engineers, Inc., Charlotte, NC

Maximum Engineering Fee: \$350,000.00

Supplemental Fee: \$400,000.00

Supplemental Work: Studies for new location alternatives

SPSF Utilization: Patriot Transportation Engineering, PLLC
\$80,000.00
20%

DBE/MBE/SPSF Utilization: Neighborhood Solutions, LLC \$40,000.00
10%

Roadway Design

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

DIVISION 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
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
SPSF Utilization: 0%

DIVISION 11

Project: 34518.1.FR6 (R-2915E) Ashe County
US 221 from US 221 Bypass to US 221
Bus/NC 88 in Jefferson
Scope of Work: Prepare Right of Way and Let Plans
Estimated Construction Cost: \$18,800,00.00
Firm: Rummel, Klepper, & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee: \$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 were necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the projects. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

DIVISION 4

Project: 36596.1.2 (U-3330) Nash County
Rocky Mount – US 301 Bypass from NC 43-48
(Benvenue Rd.) to SR 1836 (May Dr.)
Scope of Work: Roadway & Hydraulic Design
Estimated Construction Cost: \$26,700,000.00
Firm: Calyx Engineers and Consultants, Raleigh, NC
Original Engineering Fee: \$350,756.21
Previous Supplemental Fee: \$121,026.76
Supplemental Fee: \$ 34,764.61
Supplemental Work: Roadway and Hydraulic design to add a noise
wall, detour design, revise Y8/Y9, revise
drainage
DBE/WBE/SPSF Utilization: 100%

DIVISION 5

Project: 42263.1.1 (B-5121) Wake County
Bridge 227 on US-70/US-401/NC-50 (Capital
Boulevard) over Peace Street and Bridge 213
on US-70/NC-50 (Wade Avenue) over US 401
(Capital Boulevard) in Raleigh (Comb w/B-
5317) Replace Bridge
Scope of Work: Roadway Design, Hydraulic Design, and
Traffic Control Plans
Estimated Construction Cost: \$25,300,000.00
Firm: Kimley-Horn & Associates, Inc., Raleigh, NC
Original Engineering Fee: \$513,030.07
Previous Supplemental Fee: \$ 36,523.78
Supplemental Fee: \$188,627.79
Supplemental Work: Roadway Design, Hydraulic Design, and
Traffic Management plans to incorporate a
greenway, retaining wall envelopes, revise
betterment estimate and map and incorporate
Traffic Management design and Streetscape
Plans
SPSF Utilization: 0%

Project: 34745.1.1 (U-0071) Durham County
Durham East End Connector from north of NC
98 to NC 147 (Buck Dean Freeway)
Scope of Work: Roadway & Hydraulic Design
Estimated Construction Cost: \$105,525,000.00
Firm: MA Engineering Consultants, Inc., Cary, NC
Original Engineering Fee: \$616,206.89
Previous Supplemental Fee: \$579,279.93
Supplemental Fee: \$ 30,116.22
Supplemental Work: Roadway & Hydraulic design revisions to
-SR1- (Muldee St.) due to ABF Trucking
(Parcel 24) R/W Settlement
DBE/MBE/SPSF Utilization: 100%

DIVISION 12

Project: 34522.1.4 (R-3100B) Catawba County
NC 16 from SR 1801 (Claremont Rd.) to west
of SR 1814 (Caldwell Rd.)

Scope of Work: Roadway & Hydraulic Design

Estimated Construction Cost: \$20,200,000.00

Firm: URS Corporation-North Carolina, Morrisville,
NC

Original Engineering Fee: \$294,125.44

Previous Supplemental Fee: \$ 48,024.16

Supplemental Fee: \$ 20,395.59

Supplemental Work: Roadway & Hydraulic design changes to
accommodate future plans for Abernathy
Laurels Driveway

SPSF Utilization: 0%

Transit

Rail

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

STATEWIDE

Description of Work: 2013 General Rail Planning LSC

Firm: Simpson Engineers & Associates, PC, Cary,
NC

Original Engineering Fee: \$2,000,000.00

Supplemental Fee: \$ 0.00 One (1) year time extension

DBE/MBE/SPSF Utilization: 100%

Description of Work: 2013 General Rail Planning LSC

Firm: Hatch Mott MacDonald I&E, LLC, Fuquay-
Varina, NC

Original Engineering Fee: \$2,000,000.00

Supplemental Fee: \$ 0.00 One (1) year time extension

SPSF Utilization: 0%

Description of Work: 2013 General Rail Planning LSC

Firm: Parsons Brinckerhoff, Inc., Raleigh, NC

Original Engineering Fee: \$4,000,000.00

Supplemental Fee: \$ 0.00 One (1) year time extension

SPSF Utilization: 0%

Description of Work:	2013 General Rail Planning LSC
Firm:	Stantec Consulting Services, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$ 0.00 One (1) year time extension
SPSF Utilization:	0%

Description of Work:	2013 General Rail Planning LSC
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$ 0.00 One (1) year time extension
SPSF Utilization:	0%

Chief Engineer

State Maintenance Operations

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to provide Disaster Debris Monitoring on an as needed basis for various federal-aid and state funded projects to support State Maintenance Operations. These contracts will expire one (1) year (with two (2) one-year extensions possible) after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	ICA Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	S&ME, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group, Inc., Morrisville, NC \$1,000,000.00 20%

Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	100%
Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	Tetra Tech Engineering, PC, Research Triangle Park, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	The Louis Berger Group, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group, Inc., \$500,000.00 10%
Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	Thompson Engineering, Inc., Mobile, Alabama
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	Vaughn & Melton Consulting Engineers, Asheville, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group, Inc., \$1,000,000.00 20%
Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	Volkert, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2016 Disaster Debris Monitoring LSC
Firm:	Witt O'Brien's, LLC, Washington, DC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

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

STATEWIDE

Description of Work: 2013 Statewide Maintenance Consultant Services
Firm: SEPI Engineering & Construction, Inc., Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Six (6) month time extension only
SPSF Utilization: 0%

Description of Work: 2013 Statewide Maintenance Consultant Services
Firm: Volkert, Inc., Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Supplemental Fee: \$ 0.00 Six (6) month time extension only
SPSF Utilization: 0%

Deputy Chief Engineer

Materials & Tests

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

STATEWIDE

Description of Work: Assessments of Hot Mix Asphalt Quality Control and Quality Assurance Technicians
Firm: Volkert, Inc., Raleigh, NC
Original Engineering Fee: \$1,000,000.00
Supplemental Fee: \$ 800,000.00
SPSF Utilization: 0%

Turnpike Authority

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

STATEWIDE

Description of Work:	2015 NCTA Toll Operations LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Asset Management Associates, PLLC \$200,000.00 20%

Planning & Programming

Feasibility Studies

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

STATEWIDE

Description of Work:	2015 Feasibility Studies LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of Work:	2015 Feasibility Studies LSC
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of Work:	2015 Feasibility Studies LSC
Firm:	CDM Smith, Inc., Raleigh, NC
Original Engineering Fee:	\$400,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of Work: 2015 Feasibility Studies LSC
Firm: RS&H, Architects-Engineers-Planners, Inc.,
Charlotte, NC
Original Engineering Fee: \$400,000.00
Supplemental Fee: \$100,000.00
SPSF Utilization: 0%

Description of Work: 2015 Feasibility Studies LSC
Firm: ICA Engineering, Inc., Raleigh, NC
Original Engineering Fee: \$400,000.00
Supplemental Fee: \$100,000.00
SPSF Utilization: 0%

Description of Work: 2015 Feasibility Studies LSC
Firm: Davenport, Winston-Salem, NC
Original Engineering Fee: \$200,000.00
Supplemental Fee: \$100,000.00
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2015 Feasibility Studies LSC
Firm: Parsons Brinckerhoff, Inc., Raleigh, NC
Original Engineering Fee: \$400,000.00
Supplemental Fee: \$100,000.00
SPSF Utilization: 0%

Description of Work: 2015 Feasibility Studies LSC
Firm: Stantec Consulting Services, Inc., Raleigh, NC
Original Engineering Fee: \$400,000.00
Supplemental Fee: \$100,000.00
SPSF Utilization: 0%

Description of Work: 2015 Feasibility Studies LSC
Firm: AECOM Technical Services of North Carolina,
Inc., Raleigh, NC
Original Engineering Fee: \$400,000.00
Supplemental Fee: \$100,000.00
SPSF Utilization: 0%

Description of Work: 2015 Feasibility Studies LSC
Firm: VHB Engineering NC, PC, Raleigh, NC
Original Engineering Fee: \$400,000.00
Supplemental Fee: \$100,000.00
SPSF Utilization: 0%

Description of Work: 2015 Feasibility Studies LSC
Firm: Hatch Mott MacDonald I&E, LLC, Fuquay-
Varina, NC
Original Engineering Fee: \$400,000.00
Supplemental Fee: \$100,000.00
SPSF Utilization: 0%

Description of Work:	2015 Feasibility Studies LSC
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Original Engineering Fee:	\$200,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

NCDOT June 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
Brunswick Div. 3	SR 1154 Duck Pond Road	GDB&P. Increase Funds. WBS 3C.010067	\$340,558.82
Brunswick Div. 3	SR 1525 Bethel Road	GDB&P. Increase Funds. WBS 3C.010070	\$125,000.00
Brunswick Div. 3	SR 1945 Star Cross Road	GDB&P. Increase Funds. WBS 3C.010077	\$260,000.00
Onslow Div. 3	SR 1938 Quaker Bridge Road	GDB&P. Increase Funds. WBS 3C.067078	\$17,000.00
Sampson Div. 3	SR 2000 Keith Road	GDB&P. Increase Funds. WBS 3C.082064	\$190,000.00
Vance Div. 5	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 5C.091038	\$31,708.93
Bladen Div. 6	SR 1310 Pone Loop Road	GDB&P. Establish Funds WBS 6C.009075	\$15,000.00
Alamance Div. 7	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 7C.001019	\$20,933.18
Orange Div. 7	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 7C.068017	\$107,953.39
Chatham Div. 8	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 8C.019034	\$942.44
Moore Div. 8	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Safety Projects, Etc. Increase Funds. WBS 8C.063019	\$575,531.12

NCDOT June 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
Moore Div. 8	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 8C.063028	\$132.72
Randolph Div. 8	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Safety Projects, Etc. Increase Funds. WBS 8C.076021	\$12,651.28
Randolph Div. 8	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 8C.076022	\$14,163.49
Richmond Div. 8	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Safety Projects, Etc. Increase Funds. WBS 8C.077011	\$63,264.48
Davidson Div. 9	SR 2452 Floyd Street	GDB&P. Increase Funds. WBS 9C.029103	\$69,504.04
Davie Div. 9	SR 1307 James Church Road	SIP. Increase Funds. WBS 9C.0300071	\$61,308.15
Forsyth Div. 9	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Safety Projects, Etc. Increase Funds. WBS 9C.034018	\$134,164.32
Rowan Div. 9	SR 1753 Centenary Church Road	Widen, Drain & Pave. Increase Funds. WBS 9C.080118	\$116,315.50
Stanly Div. 10	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 10C.084015	\$9,458.43

NCDOT June 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
Union Div. 10	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 10C.090030	\$20,372.18
Alleghany Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.003011	\$255,706.21
Alleghany Div. 11	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 11C.003013	\$2,253.41
Ashe Div. 11	Various	Countywide Surveys, Plans and Right of Way Signatures. Increase Funds. WBS 11C.005035	\$31,172.95
Ashe Div. 11	SR 1666 WA Reed Road	GDB&P. Increase Funds. WBS 11C.005128	\$120,000.00
Ashe Div. 11	SR 1111 Big Flatts Church Road	GDB&P. Increase Funds. WBS 11C.005138	\$410,000.00
Avery Div. 11	SR 1349 West Fork Road	GDB&P. Increase Funds. WBS 11C.006024	\$61,123.41
Avery Div. 11	SR 1318 McGuire Road	GDB&P. Increase Funds. WBS 11C.006047	\$15,000.00
Caldwell Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.014020	\$6,868.00
Caldwell Div. 11	SR 1222 Greenwood Road	GDB&P. Increase Funds. WBS 11C.014092	\$15,000.00

NCDOT June 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
Surry Div. 11	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.086021	\$170,390.12
Watauga Div. 11	SR 1128C Andy Hicks Road	GDB&P. Increase Funds. WBS 11C.095094	\$2,000.00
Watauga Div. 11	SR 1331B Roby Green Road	GDB&P. Increase Funds. WBS 11C.095101	\$45,681.63
Watauga Div. 11	SR 1137 Justus Road	GDB&P. Increase Funds. WBS 11C.095108	\$15,000.00
Watauga Div. 11	SR 1324 Chestnut Grove Road	GDB&P. Increase Funds. WBS 11C.095113	\$15,000.00
Wilkes Div. 11	SR 1305 Hackett Town Road	GDB&P. Increase Funds. WBS 11C.097152	\$730,000.00
Buncombe Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 13C.011024	\$68,873.87
Burke Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 13C.012015	\$104,254.18
McDowell Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 13C.059015	\$4,135.27

NCDOT June 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
Mitchell Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 11C.061015	\$9,321.79
Rutherford Div. 13	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 13C.081011	\$71,749.57
Rutherford Div. 13	SR 1817 LB Harris Road	GDB&P. Increase Funds. WBS 13C.081113	\$10,000.00
Haywood Div. 13	SR 1338A White Oak Road	GDB&P. Increase Funds. WBS 14C.044101	\$9,714.72
Jackson Div. 14	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 14C.050059	\$136,233.98
Swain Div. 14	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 14C.087016	\$277,342.52
Swain Div. 14	SR 1140 Alarka Road	Widening & Drainage Improvements. Increase Funds. WBS 14C.087051	\$361,899.34

Closings

County	SR No./ Road Name	Description	Amount
Alamance Div. 7	VFD	Construct Driveway, Altamahaw- Ossippee VFD.. Increase and Close. WBS 7C.001135	\$687.50

NCDOT June 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)

Closings

County	SR No./ Road Name	Description	Amount
Chatham Div. 8	SR 2169 Zeb Ferguson Road	GDB&P. Increase and Close. WBS 8C.019114	\$77,893.04
Moore Div. 8	VFD	Pave Entrance to Glendon Carthage EMS/Fire Substation. Increase and Close. WBS 8C.063085	\$687.50
Mitchell Div. 13	SR 1266 Ledford Road	GDB&P. Increase and Close. WBS 13C.061073	\$4,453.54

Deletions

County	SR No.	Reason	Amount
Davidson Div. 9	SR 1727 Davidson Drive	GDB&P. Unavailable Right of Way. WBS 9C.029105	-\$135,000.00

June 2016 Item E Summary:

45	Projects to Increase Funds	Amount:	\$5,119,683.44
1	Projects to Establish Funds	Amount:	\$15,000.00
4	Projects to Increase and Close	Amount:	\$83,721.58
1	Projects to Delete	Amount:	-\$135,000.00

NCDOT June 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Camden	51066	0.20	Hatteras Colony Subdivision Christophers Way	4/18/16
Currituck	51067	0.09	Swan Haven Subdivision Ruddy Lane	4/25/15
Division 3				
New Hanover	51068	0.13	Vineyard Plantation Subdivision Shiraz Way	4/8/16
Onslow	51069	0.30	Buckhaven Subdivision Fawn Meadow Drive	3/30/16
Division 4				
Johnston	51070	0.14	Timberlake Subdivision Wylie Court	3/16/16
Johnston	51071	0.04 0.09 0.03 0.50 0.11 0.01 0.22 0.10 0.06	Summer Ridge Subdivision Summer Ridge Court Baldwin Ridge Court Clay Hill Court Pleasant Lane Jackson Ridge Court High Ridge Court N. Sunset Ridge Drive S. Sunset Ridge Drive Sunrise Ridge Drive	12/16/15
Nash	51072	0.37	Cooper Fields Subdivision Cooper Fields Drive	4/26/16
Wilson	51073	0.39 0.08	Nowell's Cove Subdivision Nowell Road Peggy Lane	3/23/16
Division 5				
Durham	51074	0.23 0.06	Carramore Subdivision Carramore Lane Pointer Lane	4/15/16
Granville	51075	0.12 0.14	Chesleigh Subdivision Bluebell Lane Daisy Lane	4/15/16
Wake	51076	0.74	Edwards mill Road, SR 3009 Ext.	3/17/16

June 2, 2016

NCDOT June 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 7				
Guilford	51077	0.28	Triad Business Park Old Greensboro Road, SR 1846 Ext.	4/20/16
Guilford	51078	0.44	Brandon Station Subdivision Glenbrooke Drive	4/20/16
Rockingham	51079	0.11 0.06	Gideon's Mill Subdivision Gideon's Mill Drive Rolling Barley Court	1/5/16
Division 8				
Chatham	51080	2.13 0.37 0.76 0.31 0.27 0.63 0.21 0.13 0.16 0.16 0.32 0.09 0.42 0.17 0.10 0.10 0.14 0.08 0.12 0.14 0.15 0.19	Briar Chapel Subdivision Briar Chapel Parkway Hill Creek Boulevard Great Ridge Parkway Serenity Hill Circle South Dark Forrest Drive Serenity Hill Circle North Saxapahaw Run Pokeberry Bend Drive Bennett Ridge Road Owen Town Road Bennett Mountain Trace Summersweet Lane Tobacco Farm Way Groewood Lane Kimbolton Place Endoor Drive Fallenwood Lane Turtle Point Bend Tabardy Mill Port Tobacco Farm Lane Harlow Bend Saxapahaw Way	3/21/16
Hoke	51081	1.53 0.04 0.40 0.08 0.02 0.52 0.15 0.57 0.13	Westgate Subdivision St. Johns Loop Citation Court Sedgefield Drive Eclipse Court Olstead Drive Windover Drive Randleman Drive Collinwood Drive Snipe Court	2/23/16

NCDOT June 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 8				
Hoke	51081		Westgate Subdivision	2/23/16
		0.21	Brightwood Drive	
		0.22	Audubon Drive	
		0.21	Ivystone Drive	
		0.04	Whirlwind Court	
		0.18	Crestwood Lane	
		0.19	Bayleaf Drive	
		0.03	Emorywood Court	
		0.02	Sorrel Court	
		0.20	Stockbridge Drive	
Hoke	51082		Wedgefield Subdivision	2/22/16
		0.61	Wedgefield Drive	
		0.09	Pilot Avenue	
		0.09	Indigo Avenue	
		0.32	Fountain Grove Drive	
		0.31	Peaceford Avenue	
		0.04	Gumtree Drive	
		0.17	Carolina Drive	
Lee	51083		Doe Run Subdivision	3/31/16
		0.10	Doe Run Drive, SR 1484 Ext.	
		0.28	Buckroe Drive	
Division 9				
Davie	51084		Essex Farm Subdivision	4/15/16
		0.38	Essex Farm Road	
		0.06	Tyler Court	
Davie	51085		Indian Hills Mini Farms Subdivision	4/15/16
		0.09	Cherokee Trail	
Rowan	51086		Pinehaven Subdivision	3/30/16
		0.04	Pinehaven Drive	
Rowan	51087		Cherry Lane Estates Subdivision	3/30/16
		0.13	Elljoy Lane	
Rowan	51088		Archer Ridge Subdivision	3/15/16
		0.81	Arrow Point Lane	
		0.07	Lantana Court	
		0.07	Madras Court	
		0.07	Ridgeview Court	

NCDOT June 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 10 Mecklenburg	51089	0.02	Royal Oaks Subdivision Old Maple Circle	4/11/16
Division 11 Caldwell	51090	0.13 0.73 0.03 0.09	Crystal Falls Estates Subdivision Crystal Falls Avenue Rio de Luna Luna Point Crystal Cove place	3/9/16
Division 12 Lincoln	51091	0.46 0.16 0.04 0.05	Gates at Waterside Subdivision Brookdale Lane Stableford Lane W. Haley Court Vanguard Court	4/12/16
Lincoln	51092	0.30	Waterside Crossing Subdivision Waterside Loop Road	4/12/16

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1 Gates	51093	0.17	SR 1339 Elementary School Drive	4/15/16
Northampton	51094	1.52	SR 1352 Princeton Farm Road	4/21/16
Northampton	51095	0.40	SR 1353 Will Stephenson Road	4/21/16
Division 5 Franklin	51096	0.42	Portion of SR 1703 Bryant Road	4/11/16
Wake	51097	0.10	SR 1191 Technology Drive	5/10/16
Division 9 Forsyth	51098	0.77	SR 2042 Graves Street	5/11/16

June 2, 2016

NCDOT June 2016 Board of Transportation Agenda

CORRECTIONS:

Division 10, Cabarrus County Petition Number 51063 should have been listed as Petition Number 51065.

Division 5, Wake County SR 4391, Kennington Park Drive should be Kenning Park Drive.

Division 7, Guilford County SR 2330, Simpson Calhoun Road is listed as 0.50 miles. The correct mileage should be 0.57 miles.

Division 8, Hoke County SR 1745, Northview Drive is listed as 0.10 miles. The correct length should be 0.26 miles.

Division 8, Lee County SR 1315, King Farm Road is listed as 0.80 miles. The correct length should be 1.27 miles.

Summary: Number of Roads Petitioned for Addition – 94
Number of Roads Petitioned for Abandonment – 6

**NCDOT JUNE 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 Dare	Town of Manteo – WBS 44226 was established (06/14) for the extension of existing walking trail on Roanoke Island; Project in 2 sections; Project 1 consists of 950LF of stone trail connection and 145 LF of elevated wooden trail construction; Project 2 consists of 720 LF of stone trail construction and 60 LF of elevated wooden trail construction Increase funds	Small Construction TOTAL	 \$91,819.00 \$91,819.00
Div 1 Dare	Town of Southern Shores – Installation of new storm drainage culverts under NC-12 and construction of storm water retention basin in southeast quadrant of NC-12 and East Dogwood Ln Other funding: \$150,000 (Town) WBS 44788	Contingency Small Construction TOTAL	 \$100,000.00 \$50,000.00 \$150,000.00
Div 1 Martin	Town of Robersonville – Remove and replace curb & gutter, sidewalk, and masonry structures on NC-903 between Second St and South Railroad St WBS 44828	Small Construction TOTAL	 \$100,000.00 \$100,000.00
Div 2 Carteret	Curb and gutter repair on US-70 between Friendly Rd and 23rd St WBS 48122	Small Construction TOTAL	 \$42,000.00 \$42,000.00
Div 2 Carteret / Craven	Improvements at the CPLJ Railroad Crossing 722889M on NC-58 in Carteret County and at the CPLJ Railroad Crossing 722882P on SR 1756 in Craven County WBS 49024	Small Construction TOTAL	 \$75,053.00 \$75,053.00
Div 2 Lenoir	Lenoir County Economic Asset Mapping and Asset Inventory WBS 48121	Contingency TOTAL	 \$100,000.00 \$100,000.00

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

County	Description	Type	Amount
Div 3 Onslow	Installation of 5' wide concrete sidewalk along the south side of SR 1406 (Piney Green Rd) from the east side of the bridge at northeast creek to SR 1410 (Halltown Rd) for a length of approximately 1,170 ft WBS 44801	Small Construction <hr/> TOTAL	\$88,000.00 <hr/> \$88,000.00
Div 4 Nash	City of Rocky Mount – WBS 40129 was established (04/09) to widen SR 1727 (Kingston Ave) to 3 lane curb and gutter from NC-97 to US-301 Bus Increase funds	Economic Development <hr/> TOTAL	\$154,275.00 <hr/> \$154,275.00
Div 5 Wake	Town of Rolesville – Complete missing sidewalk gap along E Young St from just north of US-401 Bypass (the Rolesville Bypass) to the existing sidewalk at Rolesville High School Other funding: (Town) WBS 44823	Small Construction <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 5 Wake	Town of Morrisville – Pave unpaved section of SR 1706 (Watkins Road) as part of the construction of the Wake Tech RTP campus WBS 44824	Small Construction <hr/> TOTAL	\$242,593.25 <hr/> \$242,593.25
Div 7 Alamance	City of Burlington – WBS 43671 was established (09/12) to widen WB SR 1301 (Boone Station Dr) for an exclusive right turn lane onto NB SR 1226 (University Dr) Increase funds	Small Construction <hr/> TOTAL	\$48,182.84 <hr/> \$48,182.84
Div 7 Alamance	Town of Elon – WBS 43830 was established (03/13) for Improvements for pedestrian crossing and construct curb & gutter along the west side of North Oak St between E Lebanon Ave (non-system) and E Haggard Ave Increase funds	Small Construction <hr/> TOTAL	\$4,470.00 <hr/> \$4,470.00
Div 7 Guilford	City of Greensboro – WBS 44231 was established (06/14) to install directional signs at various locations on Interstate and Primary routes in Greensboro for the Greensboro	Small Construction <hr/> TOTAL	\$3,836.52 <hr/> \$3,836.52

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

	Science Center Increase & close	TOTAL	\$3,836.52
County	Description	Type	Amount
Div 7 Guilford	Town of Oak Ridge – WBS 44414 was established (03/15) for the installation of curb and gutter along NE intersection of NC-150 and SR 2022 (Linville Rd) Increase funds	Small Construction <hr/> TOTAL	\$41,649.33 <hr/> \$41,649.33
Div 7 Guilford	Install two informational/directional signs on the east and west side of Greensboro along I-40 that provides visualization of an alternate route around Greensboro WBS 44816	Small Construction <hr/> TOTAL	\$80,000.00 <hr/> \$80,000.00
Div 8 Hoke	Pave driveway in front of new addition to Stonewall VFD located on NC-20 at intersection of SR 1449 (Hall Rd) WBS 44804	Public Access <hr/> TOTAL	\$21,800.00 <hr/> \$21,800.00
Div 8 Moore	Closure of median crossovers along NC-2 (Midland Rd) from the traffic circle in Pinehurst to US-1 in Southern Pines WBS 44817	Small Construction <hr/> TOTAL	\$239,286.05 <hr/> \$239,286.05
Div 8 Randolph	Intersection improvements to widen radii at SR 2216 (Old Cedar Falls Rd) and SR 2215 (Henley Country Rd) WBS 44805	Public Access <hr/> TOTAL	\$17,000.00 <hr/> \$17,000.00
Div 9 Davidson	Installation of flashing caution light at the intersection of NC-8 and Gray Rd WBS 44820	Small Construction <hr/> TOTAL	\$51,000.00 <hr/> \$51,000.00
Div 9 Forsyth	City of Winston-Salem – Relocate pole mounted signal cabinets from Duke Energy poles at multiple locations WBS 44819	Small Construction <hr/> TOTAL	\$51,600.00 <hr/> \$51,600.00
Div 10 Cabarrus	City of Concord – Offsite road improvements related to a proposed new logistics facility on	Public Access Econ	\$55,000.00

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

	Fortune Dr WBS 44831	Development <hr/> TOTAL	\$137,500.00 <hr/> \$192,500.00
County	Description	Type	Amount
Div 10 Cabarrus	Town of Harrisburg – Realignment of Saddle Creek at NC-49 WBS 44833	Public Access Econ Development <hr/> TOTAL	\$35,000.00 \$465,000.00 <hr/> \$500,000.00
Div 10 Mecklenburg	Town of Mint Hill – Traffic signal and monolithic islands at NC-218 and the I-485 inner ramp terminus WBS 44825	Small Construction <hr/> TOTAL	\$50,000.00 <hr/> \$50,000.00
Div 10 Stanly	Town of Oakboro – WBS 43909 was established (08/13) for the realignment of NC- 205 across from NC-138 at its intersection with NC-742 and signalize intersection Increase funds	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 10 Union	Town of Marshville – WBS 3610.3.07 was established (08/14) for the installation of sidewalk on White St Increase funds	Small Construction <hr/> TOTAL	\$18,571.43 <hr/> \$18,571.43
Div 10 Union	Pave a section of SR 3689 (Lochaven Rd) and correct drainage issue WBS 44826	Small Construction <hr/> TOTAL	\$30,000.00 <hr/> \$30,000.00
Div 11 Alleghany	Town of Sparta – WBS 44153 was established (03/14) for milling, paving, drainage improvements, curb & gutter, and sidewalk along NC-18 from Alleghany St to Grayson St Increase funds	Small Construction <hr/> TOTAL	\$149,000.00 <hr/> \$149,000.00
Div 11 Avery	WBS 43891 was established (06/13) for the installation of curb & gutter, sidewalk, curb ramps, and drainage along US-19E from Cranberry Middle School to the nearest corner of the Old Cranberry High School field Increase funds	Small Construction <hr/> TOTAL	\$37,000.00 <hr/> \$37,000.00

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

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

County	Description	Type	Amount
Div 11 Caldwell	Construct access for Patterson VFD Satellite Station at the intersection of US-321 and SR 1371 (Waterfalls Rd) WBS 44782	Public Access <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00
Div 11 Wilkes	WBS 44479 was established (06/15) to realign driveways along NC-268 in the area of SR 2330 (Riddle Rd) Increase funds	Small Construction <hr/> TOTAL	\$30,570.58 <hr/> \$30,570.58
Div 11 Yadkin	Town of Boonville – WBS 44462 was established (06/15) for widening, drainage improvements, and improve radii on SR 1367 (River Rd) near NC-67 (East Main St) in Boonville to provide truck access to a new facility Increase funds	Small Construction <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 12 Catawba	WBS 44152.3.1 was established (04/14) to install a left turn lane on the SB SR 1491 (Section House Rd) approach and realign/rework SR 1492 (Sipe Rd) at the intersection to improve the skew angle (SS-4912BC) Increase funds	Small Construction <hr/> TOTAL	\$45,386.32 <hr/> \$45,386.32
Div 12 Catawba	City of Claremont – WBS 44478 was established (06/15) for intersection improvement at the intersection of SR 1715 (North Oxford St) and SR 2438 (Centennial Blvd) Increase funds	Small Construction <hr/> TOTAL	\$125,000.00 <hr/> \$125,000.00
Div 12 Cleveland	Town of Boiling Springs – WBS 43943 was established (10/13) for resurfacing and roadway improvements to SR 2515 (Stadium Dr) on the campus of Gardner Webb University. Curb & gutter and sidewalk will also be added along roadway Increase & close	Small Construction <hr/> TOTAL	\$8,185.11 <hr/> \$8,185.11

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

County	Description	Type	Amount
Div 12 Lincoln	City of Lincoln – Construct sidewalk on NC-27 (East Main St) bridge over US-321 Other funding: CMAQ and Municipal Match via C-5532 WBS 44818	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 13 Buncombe	Installation of sidewalk, curb ramps, and pedestrian crossing along US-19/23 from the I-40 exit 44 off ramp to SR 1245 (Acton Circle) WBS 44830	Small Construction <hr/> TOTAL	\$138,428.00 <hr/> \$138,428.00
Div 13 Mitchell	Town of Spruce Pine – Resurface Harris St (City street) for 0.46 miles extending from Greenwood Rd to SR 1277 (Laurel Creek Court) Other funding: \$46,500 (Town) WBS 44800	Small Construction <hr/> TOTAL	\$59,175.00 <hr/> \$59,175.00
Div 13 Yancey	Pave unpaved portion of access to bays at Double Island VFD Station 1 on SR 1308 (Double Island Rd) WBS 44802	Public Access <hr/> TOTAL	\$4,532.00 <hr/> \$4,532.00
Div 19 Statewide	Established for paving drives from state maintained roads to bay doors of fire and rescue facilities [N.C.G.S. 136-18(24)] WBS 72.1000	Public Access <hr/> TOTAL	\$400,000.00 <hr/> \$400,000.00
Div 19 Statewide	Established for paving school bus drives and stabilizing bus parking areas at public schools [N.C.G.S. 136-18(17)] WBS 72.2000	Public Access <hr/> TOTAL	\$600,000.00 <hr/> \$600,000.00

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

Summary:	Number of Projects	40
	Number of Divisions	12
	Small Construction Commitment	\$2,400,806.43
	Public Access Commitment	\$1,158,332.00
	Contingency Commitment	\$700,000.00
	Economic Development	\$756,775.00
	TOTAL	<u>\$5,015,913.43</u>

NCDOT June 2016 Board of Transportation Agenda

Public Transportation

There will be no items presented for approval at the June 1, 2016 Board of Transportation meeting.

ITEM I-1A STIP Approval "See Below"

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-5180	Winston-Salem Transit Authority	Purchase of twelve (12) small, low-floor, light duty gasoline engine expansion buses for paratransit ADA Service	FBUS	5339	1,296						
			Local	L	229						
TA-4795A	Winston-Salem Transit Authority	Replacement Bus	5307	STPDA	3,600						
			Local	L	635						
TG-4805	Winston-Salem Transit Authority	Routine Capital – Bus Stop Shelters, benches, shop equip., spare parts, engines, farebox, service vehicles, etc.	5307	STPDA	500						
			Local	L	125						
TA-4785C	Charlotte Area Transit System	Replacement Bus – CMAQ Application # MU-10	5307	CMAQ	2,128						
			Local	L	532						
TA-5200	Chapel Hill Transit System	Bus Replacement Project (C-5605C)	5307	CMAQ		1,120					
			Local	L		280					
TA-4726A	Chapel Hill Transit System	Replacement Buses	5307	STPDA	720	973					
			Local	L	180	199					
TA-5199	Durham Area Transit Authority	Bus Replacement Project (C-5605B)	5307	CMAQ		1,120					
			Local	L		280					
TA-5201	Gastonia Transit System	Bus Replacement Project for Gastonia Express Mid-Day Route	5307	CMAQ	71						
			Local	L	19						
TO-5213	Gastonia Transit System	Operational Assistance for Gastonia Express Mid-Day Route (C-5606G)	5307	CMAQ	71						
			Local	L	79						
TA-5198	Piedmont Authority for Regional Transportation – Winston-Salem Urban Area (C-5620B)	Bus Replacement	5307	CMAQ	372						
			Local	L	93						

TT-5205	North Carolina Department of Transportation	Ferry Division will purchase and install Visuals Paging Systems on board five class ferry vessels	FNF	5317	53							
			State	S	13							

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TG-4752B	Goldsboro Wayne Transportation Authority	Preventive Maintenance	FUZ	5307	201	201	201	201	201	201	201
			Local	L	20	50	50	50	50	50	50
		CONTINUED			FY23						
			FUZ	5307	201						
			Local	L	50						
TG-4752C	Goldsboro Wayne Transportation Authority	Operating Assistance – ADA Paratransit Service	FUZ	5307	140	140	140	140	140	140	140
			Local	L	35	35	35	35	35	35	35
		CONTINUED			FY23						
			FUZ	5307	140						
			Local	L	35						
TG-4759	Greensboro Transit Authority	Preventive Maintenance	FUZ	5307	4,936	2,506	2,546	2,586	2,627	2,668	2,711
			Local	L	1,234	626	636	646	657	667	678
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	2,753	2,797	2,841				
			Local	L	688	699	710				
TG-4753	Greensboro Transit Authority	Preventive Maintenance & Passenger Amenities	FUZ	5307		84	84	84	84	84	84
			Local	L		21	21	21	21	21	21
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	84	84	84				
			Local	L	21	21	21				
TG-4957	Greensboro Transit Authority	Operating – ADA Paratransit	FUZ	5307	905	455	462	470	477	485	492
			Local	L	226	114	116	117	119	121	123
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	500	508	516				
			Local	L	125	127	129				

NCDOT Board of Transportation Agenda
Public Transportation Program
STIP Approval

TG-5105	Greensboro Transit Authority	Routine Capital	FUZ	5307	94	52	53	54	55	55	56
			Local	L	23	13	13	13	14	14	14
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	57	58	60				
			Local	L	14	15	15				
TS-4758	Greensboro Transit Authority	Safety and Security	FUZ	5307	91	46	46	47	48	48	49
			Local	L	23	11	12	12	12	12	12
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	50	51	52				
			Local	L	13	13	13				
TG-4759	Greensboro Transit Authority	Preventive Maintenance	FUZ	5307	4,936	2,506	2,546	2,586	2,627	2,668	2,711
			Local	L	1,234	626	636	646	657	667	678
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	2,753	2,797	2,841				
			Local	L	688	699	710				
TO-4971	Greensboro Transit Authority	Operating – Fixed Route	FUZ	5307	2,986	1,243	1,263	1,283	1,303	1,324	1,345
			Local	L	2,986	1,243	1,263	1,283	1,303	1,324	1,345
			SMAP	S	1,628	1,628	1,628	1,628	1,628	1,628	1,628
			Local	L	1,628	1,628	1,628	1,628	1,628	1,628	1,628
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	1,366	1,387	1,409				
			Local	L	1,366	1,387	1,409				
			SMAP	S	1,628	1,628	1,628				
			Local	L	1,628	1,628	1,628				
TO-5209	Greensboro Transit Authority	Operating – Fixed Route	FUZ	5307		166	166	166	166	166	166
			Local	L		166	166	166	166	166	166
		CONTINUED			FY23	FY24	FY25				
			FUZ	5307	166	166	166				
			Local	L	166	166	166				
TA-4767	Greensboro Transit Authority	Replacement Paratransit Buses	FBUS	5339	960	457	464	471	478	485	493
			Local	L	240	114	116	118	120	121	123
		CONTINUED			FY23	FY24	FY25				
			FBUS	5339	500	508	515				
			Local	L	125	127	129				

TO-6139	Greensboro Transit Authority	Section 5310 Operating	FEPD	5310	98	49	50	51	52	52	53
			Local	L	98	49	50	51	52	52	53
		CONTINUED			FY23	FY24	FY25				
			FEPD	5310	54	55	56				
			Local	L	54	55	56				
TQ-7000	Greensboro Transit Authority	Section 5310 Program Administration	FEPD	5310	48	25	25	25	26	26	26
		CONTINUED			FY23	FY24	FY25				
			FEPD	5310	27	27	28				
TQ-6783	Greensboro Transit Authority	Section 5310 Capital Project	FEPD	5310	332	172	174	177	180	182	185
			Local	L	83	43	44	44	45	46	46
		CONTINUED			FY23	FY24	FY25				
			FEPD	5310	187	191	193				
			Local	L	47	48	48				
TM-5308	Greensboro Transit Authority	Transit Enhancement	FUZ	5307	46						
			Local	L	11						
TP-5101	Greensboro Transit Authority	Planning Assistance - 5303	FMPL	5303	141	141	141	141	141	141	141
			State	S	18	18	18	18	18	18	18
			Local	L	18	18	18	18	18	18	18
		CONTINUED			FY23	FY24	FY25				
			FMPL	5303	141	141	141				
			State	S	18	18	18				
			Local	L	18	18	18				

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)
TQ-9038	North Carolina Department of Transportation	5310 Capital Projects for Rural Areas and Small Urban Areas	FEPD	5310		2,580				
			State	S		323				
			Local	L		323				

Item I-1A, 28 Projects, Total Federal/State funds \$125,234,000

NCDOT June 2016 Board of Transportation Agenda

Rail Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the June 1, 2016 Board of Transportation meeting.

ITEM I-2 SUMMARY – NO PROJECTS

NCDOT June 2016 Board of Transportation Agenda

Bike & Pedestrian Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the June 1, 2016 Board of Transportation meeting.

ITEM I-3 SUMMARY – NO PROJECTS

NCDOT June 2016 Board of Transportation Agenda

Aviation Program

Division Airport	Project Title Project Description [Partner Connect #]
Division 2 Warren Field	RUNWAY 5-23 PAVEMENT REHABILITATION- OVERLAY DESIGN (Design Only) Design Overlay for Runway 5-23 to rehabilitate and strengthen existing pavement in order to accommodate aircraft up to 60,000 lb. The surface is exhibiting significant cracking resulting in a FOO issue on the airport. The Pavement Condition Index is 54 - Poor. [2999]
Division 3 Duplin County Airport	RUNWAY WIDENING FROM 75' TO 100' AND RUNWAY STRENGTHENING AND OVERLAY (Design/Bid Only) Widen the existing 75' wide runway to 100' in order to meet System Plan Objectives and support corporate jet traffic. Project includes runway edge lights, LED REIL, LED windcone, and PLC Touchscreen. Overlay adds a 3" overlay on the runway increasing pavement strength to the recommended criteria in order to withstand regular operation of aircraft weighing 75,000 lbs Project design is 95% complete. [2454/2455]
Division 4 Rocky Mount - Wilson Airport	RUNWAY AND TAXIWAY OVERLAY (Design Only) Overlay of the existing runway, parallel taxiway, and connectors. The current runway needs to be strengthened and rehabilitated due to its current condition. Pavement Classification Number (PCN) is *40/F/B/X/T. Included in this work will be airfield markings. [2322/2323]
Division 5 Person County Airport	RUNWAY SAFETY AREA WIDENING (Design/Bid Only) Widen and grade the runway safety area along the full runway length to meet current standards for Category C aircraft. This includes relocating drainage structures and removing vegetation to provide a minimum 400' wide RSA. [2435]
Division 8 Laurinburg - Maxton Airport	APRON REHABILITATION AND TAXILANE & CORPORATE HANGAR DEVELOPMENT (Design Only) Rehabilitation of a portion of the existing apron allowing aircraft to safely use the additional tie-downs and provide access to new hangars and includes site preparation, paving, and parking areas. The Pavement Condition Index of the Apron is 48 - Poor. [2860]
Division 9 Smith Reynolds Airport	REHABILITATE RUNWAY 4 (APPROX. 1,100 FT.) (Design Only) Rehabilitation of approximately 1,100ft. of Runway 4 due to its deteriorated and poor condition. The Runway Pavement Condition Index was 69 - Fair. This project represents the final portion of the runway requiring rehabilitation. [3148]
Division 9 Smith Reynolds Airport	TERMINAL APRON RECONSTRUCTION (Grant Amendment 36237.26.13.4) Increased project costs associated with conditions encountered as a result of subsurface work and Federal Aviation Administration requirements.
Division 7 Rockingham County / NC Shiloh	APRON REHABILITATION (Design Only) Rehabilitation of apron pavement. The Pavement Condition Index is 65 - Fair. The asphalt General Aviation Apron has failed due to severe pavement distress and heaves caused by recent frost damage. [3512]

Division Airport	Project Title Project Description [Partner Connect #]
Division 11 Charlotte-Monroe Executive Airport	APRON REHABILITATION (AREAS A/B/C) (Design Only) Rehabilitation of apron pavement. The Pavement Condition Index for the Apron A is 52- Poor. [2810]
Division 13 Rutherford County Airport	RUNWAY, TAXIWAY, AND APRON OVERLAY (Design/Bid Only) Overlay of pavement on the runway, taxiway and apron. The Pavement Condition Index (PCI) is 52 - Poor. Original runway pavement section was constructed in 1974 and the last overlay was done in 2002. Original taxiway pavement section was constructed in 1982 and the last overlay was done in 2005. [2271]
Division 14 Jackson County Airport	RUNWAY RESTORATION PROJECT (Design Only) Reconstruction of the original pavement on the runway 33 end and involves repair to the original scarp and stabilization of the area. Improve the safety of the airport and potentially allows the airport to regain the original runway length. [2934]

ITEM 1-4 SUMMARY - 11 PROJECTS - (TOTAL STATE, FEDERAL AND LOCAL COST) \$3,444,226

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

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

J-1

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 F-5000 REGIONAL	WBS 41146.1.1 Cherry Branch Visitor's Center replacement. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,943.99). WBS will be closed. This is a Strategic Transportation Investments Transition project.	-\$9,943.99
Carrboro/ Orange Co. Div. 7 U-2803 DIVISION	WBS 34860.3.1 SR 1919 (Smith Level Road) from Rock Haven Road to Bridge No. 88 over Morgan Creek in Carrboro. \$5,729,911.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$115,000.00
Mecklenburg Co. Div. 10 U-5526 STATEWIDE	WBS 50081.1.TF1 US 74 (Independence Boulevard) from I-277 to I-485. \$1,745,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$230,000.00
Alleghany Co. Div. 11 R-4060 DIVISION	WBS 34605.1.2 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. \$1,269,771.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$215,000.00
Jackson Co. Div. 14 R-5000 DIVISION	WBS 41156.3.1 New location connector from NC 116 to NC 107 in Webster. \$16,509,043.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$465,000.00

June 2, 2016

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

J-2

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Jackson Co. Div. 14 R-5206 DIVISION	WBS 42974.2.1 SR 1449 (Cope Creek Rd.) from SR 1710 (East Cope Creek Road) to US 23/74. \$1,490,000.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$165,000.00
Statewide M-0360 STATEWIDE	WBS 36824.1.1 Design Services, statewide, preliminary engineering for miscellaneous projects. \$11,180,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. WBS will be closed.	\$148,141.91
Statewide M-0412 STATEWIDE	WBS 42061.3.1 I-95, Corridors of the Future Program. Interstate Maintenance Discretionary funds (IMD) for improvements to I-95 from Florida to Virginia. \$8,400,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$220,000.00
ITEM J SUMMARY	8 PROJECTS	\$1,548,197.92

June 2, 2016

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Bertie Co. Div. 1 B-5941 STATEWIDE	WBS 46480.1.1 Bridge # 7 over Roanoke River on NC 45/ NC 308. Initial funds are requested for preliminary engineering.	\$250,000.00
Currituck Co. Div. 1 B-5937 STATEWIDE	WBS 46479.1.1 Bridge # 16 over Currituck Sound on US 158. Initial funds are requested for preliminary engineering.	\$1,200,000.00
Dare Co. Div. 1 B-5943 STATEWIDE	WBS 46482.1.1 Bridge # 54 over Croatan Sound on US 64 Bypass. Initial funds are requested for preliminary engineering.	\$50,000.00
Hyde Co. Div. 1 B-5942 REGIONAL	WBS 46481.1.1 Bridge # 20 over Intracoastal Waterway on US 264. Initial funds are requested for preliminary engineering.	\$100,000.00
Northampton Co. Div. 1 R-5757 DIVISION	WBS 44709.1.1 NC 305 from Seaboard Town Limits to Hertford County Line. Initial funds are requested for preliminary engineering.	\$650,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Northampton Co. Div. 1 R-5758 DIVISION	WBS 44682.1.1 US 258 from Halifax County Line to Rich Square Town Limits. Initial funds are requested for preliminary engineering.	\$50,000.00
Tyrrell Co. Div. 1 B-5936 STATEWIDE	WBS 46478.1.1 Bridge # 7 over Alligator River on US 64. Initial funds are requested for preliminary engineering.	\$825,000.00
Carteret Co. Div. 2 B-4863 DIVISION	WBS 40212.1.2 Replace bridges 73 and 96 over The Straits at Harkers Island on SR 1335. Initial funds are requested for preliminary engineering.	\$716,000.00
Carteret Co. Div. 2 B-5938 DIVISION	WBS 46483.1.1 Bridge # 68 over Bogue Sound on SR 1182 (Atlantic Beach Causeway). Initial funds are requested for preliminary engineering.	\$550,000.00
Carteret Co. Div. 2 B-5939 REGIONAL	WBS 46484.1.1 Bridge # 6 over Bouge Sound/Intracoastal Waterway on NC 58. Initial funds are requested for preliminary engineering.	\$275,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 F-5000 REGIONAL	WBS 41146.3.2 Cherry Branch Visitor's Center replacement. Additional funds are requested. This is a Strategic Transportation Investments Transition project.	\$125,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751WM STATEWIDE	WBS 40191.4.1 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$7,448,000.00 has previously been approved for wetland mitigation. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$195,000.00
New Hanover Co. Div. 3 U-5881 STATEWIDE	WBS 44695.1.1 NC 132 (College Road) from SR 2048 (Gordon Road) to SR 1272 (New Centre Drive). Initial funds are requested for preliminary engineering.	\$750,000.00
Vance Co. Div. 5 U-5890 DIVISION	WBS 44658.1.1 SR 1162 (Dabney Drive) from Coble Boulevard to US 158 Business in Henderson. Initial funds are requested for preliminary engineering.	\$200,000.00
Wake Co. Div. 5 B-5940 STATEWIDE	WBS 46485.1.1 US 70 / NC 50 (Glenwood Avenue). Rehabilitate Bridges # 84 and #91 over Crabtree Creek in Raleigh. \$75,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$75,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Orange Co. Div. 7 U-5550 STATEWIDE	WBS 50154.3.2 US 15 / 501 (Fordham Boulevard) and SR 1742 (Ephesus Church Road) in Chapel Hill. Initial funds are requested for construction.	\$2,170,000.00
Hoke Co. Div. 8 U-5707 DIVISION	WBS 50158.1.1 SR 1420 (Gillis Hill Road)/Gillis Hill Road Extension from SR 1406 (Rockfish Road) to SR 1418 (Lindsay Road) near Fayetteville. Initial funds are requested for preliminary engineering.	\$700,000.00
Forsyth Co. Div. 9 U-5899 DIVISION	WBS 44689.1.1 New route from Forum Parkway Connector from SR 3955 (Forum Parkway) to NC 66 (University Parkway) in Rural Hall. Initial funds are requested for preliminary engineering.	\$750,000.00
Rowan Co. Div. 9 I-5505 STATEWIDE	WBS 49012.1.2 I-85 from US 52 (Innes Street) and US 601 (Jake Alexander Boulevard) Interchanges. Initial funds are requested for preliminary engineering.	\$300,000.00
Kannapolis/ Cabarrus Co. Div. 10 U-3440 REGIONAL	WBS 39010.1.R2 NC 3 from proposed West Side Bypass (Project U-2009) to SR 1691 (Loop Road). \$2,755,000.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a Strategic Transportation Investments Transition project.	\$325,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Alleghany Co. Div. 11 R-4060 REGIONAL/ DIVISION	WBS 34605.2.1 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. \$25,000.00 has previously been approved for a specific parcel. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. Additional funds are requested using Division Tier funding. WBS will be closed.	\$122,072.70
M-0479 STATEWIDE/ REGIONAL/ DIVISION	WBS 46314.1.S1 Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects. \$795,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. Additional funds are requested using 40% Statewide (\$72,000.00) / 30% Regional (\$54,000.00) / 30% Division (\$54,000.00) Tier funding.	\$180,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	9 PROJECTS	\$5,815,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	4 PROJECTS	\$825,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	7 PROJECTS	\$3,616,000.00
STATEWIDE/REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$180,000.00
REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$122,072.70
STRATEGIC TRANSPORTATION INVESTMENTS	22 PROJECTS	\$10,558,072.70

June 2, 2016

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Camden/ Currituck Cos. Div. 1 R-2574 STATEWIDE	WBS 38802.1.1 US 158 from east of NC 34 at Belcross in Camden County to NC 168 in Currituck County. \$2,100,000.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a Strategic Transportation Investments Transition project.	\$200,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.1.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$7,840,302.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$235,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.2.1 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$48,650,000.00 has previously been approved for acquisition of specific parcels. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$4,300,000.00
Sampson Co. Div. 3 R-2303B STATEWIDE	WBS 34416.3.4 NC 24 from west of SR 1006 (Maxwell Road/Clinton Road) in Cumberland County to I-40 in Duplin County at Warsaw. \$1,550,860.00 has previously been approved for construction. Additional funds are requested to cover the expenditures that have exceeded the previously authorized budget. WBS will be closed. This is a Strategic Transportation Investments Transition project.	\$124,244.47

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Forsyth/ Guilford Cos. Div. 7/9 R-2577 STATEWIDE	WBS 37405.1.1 US 158 from the four-lane roadway north of I-40 in Forsyth County to US 220 in Guilford County. \$2,219,434.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$115,000.00
TRUST FUND INTRASTATE SUMMARY	5 PROJECTS	\$4,974,244.47
STRATEGIC TRANSPORTATION INVESTMENTS	22 PROJECTS	\$10,558,072.70
TRUST FUND INTRASTATE SUMMARY	5 PROJECTS	\$4,974,244.47
SUMMARY OF FUNDS	27 PROJECTS	\$15,532,317.17

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

June 2, 2016

**NCDOT June 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
Washington Co. Div. 1 SS-4901AV	WBS 44742.3.1 SR 1126 (Newland Road) at SR 1180 (B Canal Road). Initial construction funds are needed for intersection improvements. File 01-15-38455C	\$247,500.00
Greene/ Pitt Cos. Div. 2 SS-4902CC	WBS 44619.3.1 NC 903 between US 13/258 in Greene County and 415 feet south of SR 1114 (Roundtree Road) in Pitt County. \$18,900.00 in construction funds has previously been approved for pavement marking installation. Additional funds are needed due to an increase in construction costs. File 02-15-34994-1	\$1,600.00
Pitt Co. Div. 2 SS-4902CD	WBS 44743.3.1 SR 1523 (Whichard Road) at SR 1529 (Old Creek Road). Initial construction funds are needed for all-way stop installation, and pavement marking and signing improvements. File 02-15-37679C	\$9,000.00
Pitt/ Edgecombe Cos. Div. 2/4 SS-4902CE	WBS 44746.3.1 US 13/NC 11 between SR 1512 (Hollowell Road) in Pitt County and US 64 in Edgecombe County, and NC 11 near US 64. Initial construction funds are needed for rumble stripes and snowplowable reflectors installation. File 02-16-39085C	\$32,850.00
Wilmington/ New Hanover Co. Div. 3 SS-4903BI	WBS 43949.3.1 US 17 Business (Market Street) between SR 2734 (Marsh Oaks Drive)/SR 2290 (Mendenhall Drive) and SR 1455 (Porters Neck Road). \$399,000.00 in construction funds has previously been approved for conversion of a five-lane roadway to a median divided roadway. Additional funds are needed due to an increase in construction costs. File 03-13-24242-1	\$22,850.99

June 2, 2016

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

L-2

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Hanover Co. Div. 3 SS-4903CI	WBS 44744.3.1 SR 1336 (Sidbury Road) and SR 1318 (Blue Clay Road). Initial construction funds are needed for signing and pavement marking improvements. File 03-15-38844C	\$1,992.00
Onslow Co. Div. 3 SS-4903CJ	WBS 44745.3.1 SR 1324 (Ramsey Road) and SR 1327 (Kellum Loop Road). Initial construction funds are needed for signing and pavement marking improvements. File 03-15-38845C	\$1,350.00
Onslow Co. Div. 3 SS-4903CK	WBS 44747.3.1 SR 1203 (Ben Williams Road) between SR 1204 and SR 1213. Initial construction funds are needed for pavement marking improvements. File 03-16-38850C	\$72,000.00
Nash Co. Div. 4 SS-4904DS	WBS 44813.3.1 US 301 at Tyler Drive (entrance to NC Wesleyan College) and Honeywell Corp. Initial construction funds are needed for traffic signal revisions and pavement marking improvements. File 04-16-40524C	\$13,000.00
Goldsboro/ Wayne Co. Div. 4 SS-4904DQ	WBS 44748.3.1 US 13/70 west of SR 1565 (Cuyler Best Road/Spence Avenue) and east of US 70 Business (Grantham Street). Initial construction funds are needed for guardrail improvements. File 04-15-37086C	\$36,000.00

June 2, 2016

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

L-3

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne Co. Div. 4 SS-4904DR	WBS 44749.3.1 NC 111 between the Duplin County Line and SR 1710 (Old Hwy 111). Initial construction funds are needed for curve warning, signing, and pavement marking improvements. File 04-14-31783C	\$225,900.00
Durham/ Durham Co. Div. 5 SS-4905DK	WBS 44814.2.1 NC 98 (Wake Forest Highway) at Nichols Farms Drive and Oak Grove Parkway. Initial right of way and utilities funds are needed for traffic signal installation. File 05-15-5180R	\$4,500.00
Durham/ Durham Co. Div. 5 SS-4905DK	WBS 44814.3.1 NC 98 (Wake Forest Highway) at Nichols Farms Drive and Oak Grove Parkway. Initial construction funds are needed for traffic signal installation. File 05-15-5180C	\$121,500.00
Wake Forest/ Wake Co. Div. 5 SS-4905DH	WBS 44750.3.1 US 1 at NC 98 Southbound On Ramp. Initial construction funds are needed for actuated flasher installation. File 05-16-9347C	\$9,000.00
Morrisville/ Wake Co. Div. 5 SS-4905DI	WBS 44751.2.1 NC 54 at SR 1002 (Aviation Parkway)/SR 3014 (Morrisville Carpenter Road). Initial right of way and utilities funds are needed for overhead lighting, and pavement marking and delineation improvements. File 05-16-9346R	\$18,000.00

June 2, 2016

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

L-4

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Morrisville/ Wake Co. Div. 5 SS-4905DI	WBS 44751.3.1 NC 54 at SR 1002 (Aviation Parkway)/SR 3014 (Morrisville Carpenter Road). Initial construction funds are needed for overhead lighting, and pavement marking and delineation improvements. File 05-16-9346C	\$99,000.00
Raleigh/ Wake Co. Div. 5 SS-4905DJ	WBS 44752.3.1 US 401 at Valley Stream Drive/Dansey Drive. Initial construction funds are needed for traffic signal revisions. File 05-16-9349C	\$22,500.00
Fayetteville/ Cumberland Co. Div. 6 SS-4906CN	WBS 44753.3.1 US 401 (Raeford Road) between Wildwood Drive and US 401 (Skibo Road). Initial construction funds are needed for channelization improvements File 06-15-36444C	\$76,500.00
Cumberland Co. Div. 6 SS-4906CP	WBS 44755.3.1 SR 1007 (All-American Freeway), 550 feet northwest of Walter Reed Road and Owen Drive. Initial construction funds are needed for crash attenuator installation. File 06-16-38857C	\$31,500.00
Robeson Co. Div. 6 SS-4906CO	WBS 44754.2.1 SR 1340 (Prospect Road) at SR 1515 (St. Anna); SR 2204 (Lovette Road) at SR 2207 (Popes Crossing Road); and SR 1713 (Davis Bridge Road) at SR 1710 (Glenn Road). Initial right of way and utilities funds are needed for all-way stop installations and channelization improvements. File 06-16-39055R	\$1,800.00

June 2, 2016

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

L-5

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Robeson Co. Div. 6 SS-4906CO	WBS 44754.3.1 SR 1340 (Prospect Road) at SR 1515 (St. Anna); SR 2204 (Lovette Road) at SR 2207 (Popes Crossing Road); and SR 1713 (Davis Bridge Road) at SR 1710 (Glenn Road). Initial construction funds are needed for all-way stop installations and channelization improvements. File 06-16-39055C	\$63,900.00
Alamance Co. Div. 7 SS-4907BQ	WBS 44757.2.1 SR 1005 (Greensboro-Chapel Hill Road) at SR 2369 (Sylvan School Road) and SR 2371 (Pleasant Hill Road). Initial right of way and utilities funds are needed for intersection improvements, rumble strips, and all-way stop with flashers installation. File 07-16-362R	\$22,500.00
Alamance Co. Div. 7 SS-4907BQ	WBS 44757.3.1 SR 1005 (Greensboro-Chapel Hill Road) at SR 2369 (Sylvan School Road) and SR 2371 (Pleasant Hill Road). Initial construction funds are needed for intersection improvements, rumble strips, and all-way stop with flashers installation. File 07-16-362C	\$153,000.00
Guilford Co. Div. 7 SS-4907BP	WBS 44756.3.1 NC 150 at SR 2819 (McLeansville Road)/US 29 On Ramp. Initial construction funds are needed for traffic signal installation. File 07-16-364C	\$50,400.00
Chatham Co. Div. 8 SS-4908BB	WBS 44807.3.1 SR 1731 (O'Kelly Chapel Road) between NC 751 and SR 1732 (Pittard Sears Road). Initial construction funds are needed for rumble strips installation. File 08-16-0149C	\$62,000.00

June 2, 2016

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

L-6

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Davidson Co. Div. 9 SS-4909BO	WBS 44758.3.1 NC 109 at SR 2093 (Ben Lee Road). Initial construction funds are needed for left turn lane and actuated flasher installations, and pavement marking improvements. File 09-16-424C	\$308,250.00
Thomasville/ Davidson Co. Div. 9 SS-4909BP	WBS 44808.3.1 NC 109 at SR 2067 (Lambeth Road). Initial construction funds are needed for left turn lane installations and pavement marking improvements. File 09-13-788C	\$247,500.00
Cabarrus Co. Div. 10 SS-4910CF	WBS 44761.3.1 SR 2446 (Mt. Olive Road) near SR 2416 (Sansbury Road). Initial construction funds are needed for curve improvements. File 10-16-210C	\$135,000.00
Huntersville/ Mecklenburg Co. Div. 10 SS-4910CE	WBS 44760.3.1 SR 2136 (Gilead Road) and Huntersville Square Entrance/Bayshore Plaza Entrance. Initial construction funds are needed for channelization improvements. File 10-16-215C	\$11,250.00
Stanly Co. Div. 10 SS-4910CH	WBS 44809.3.1 SR 1134 (Millingport Road) between SR 1206 (5 Point Road) and SR 1225 (Old Mill Road); SR 1206 (5 Point Road) between SR 1231 (Rowland Road) and SR 1227 (Ridgecrest Road). Initial construction funds are needed for curve improvements and guardrail installation. File 10-16-213C	\$229,680.00

June 2, 2016

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

L-7

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Unionville/ Union Co. Div. 10 SS-4910CD	WBS 44759.2.1 US 601 and SR 1004/1612 (Lawyers Road). Initial right of way and utilities funds are needed for traffic signal installation. File 10-15-210R	\$22,500.00
Unionville/ Union Co. Div. 10 SS-4910CD	WBS 44759.3.1 US 601 and SR 1004/1612 (Lawyers Road). Initial construction funds are needed for traffic signal installation. File 10-15-210C	\$45,000.00
Union Co. Div. 10 SS-4910CG	WBS 44762.3.1 SR 1367 (Unionville Indian Trail Road) and SR 1504 (Ridge Road) near Unionville. Initial construction funds are needed for all-way stop installation. File 10-16-214C	\$9,900.00
Jefferson/ Ashe Co. Div. 11 SS-4911AK	WBS 44763.2.1 US 221 Business/East Main Street at SR 1664 (Hospital Avenue). Initial right of way and utilities funds are needed for intersection improvements. File 11-14-206R	\$4,500.00
Jefferson/ Ashe Co. Div. 11 SS-4911AK	WBS 44763.3.1 US 221 Business/East Main Street at SR 1664 (Hospital Avenue). Initial construction funds are needed for intersection improvements. File 11-14-206C	\$166,500.00

June 2, 2016

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

L-8

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Avery Co. Div. 11 SS-4911AM	WBS 44765.2.1 SR 1153 near Rabbit Hill Lane. Initial right of way and utilities funds are needed for guardrail installation. File 11-16-201R	\$1,800.00
Avery Co. Div. 11 SS-4911AM	WBS 44765.3.1 SR 1153 near Rabbit Hill Lane. Initial construction funds are needed for guardrail installation. File 11-16-201C	\$27,000.00
Granite Falls/ Caldwell Co. Div. 11 SS-4911AL	WBS 44764.2.1 US 321 and SR 1109 (Pinewood Road). Initial right of way and utilities funds are needed for left turn lanes and pedestrian crosswalk installation. File 11-16-200R	\$45,000.00
Granite Falls/ Caldwell Co. Div. 11 SS-4911AL	WBS 44764.3.1 US 321 and SR 1109 (Pinewood Road). Initial construction funds are needed for left turn lanes and pedestrian crosswalk installation. File 11-16-200C	\$135,000.00
Boone/ Watauga Co. Div. 11 SS-4911AN	WBS 44810.2.1 SR 1602 (Fairway Drive) from US 321 to SR 1636 (Kellwood Lane). Initial right of way and utilities funds are needed for guardrail, pavement markings, and signing improvements. File 11-15-205R	\$900.00

June 2, 2016

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

L-9

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Boone/ Watauga Co. Div. 11 SS-4911AN	WBS 44810.3.1 SR 1602 (Fairway Drive) from US 321 to SR 1636 (Kellwood Lane). Initial construction funds are needed for guardrail, pavement markings, and signing improvements. File 11-15-205C	\$85,500.00
Wilkes Co. Div. 11 SS-4911W	WBS 43630.2.1 US 421 Business/NC 115 at SR 2318 (Old 60). \$134,336.42 in right of way and utilities funds has previously been approved for turn lane construction. Additional funds are needed due to an increase in right of way and utilities costs. File 11-11-202-1	\$130,000.00
Catawba Co. Div. 12 SS-4912BW	WBS 44811.2.1 SR 1124 (Old Shelby Road) just south of Bridge #41; and SR 1128 (Mountain Grove Road) just west of SR 1127 (Machine Shop Road). Initial right of way and utilities funds are needed for guardrail installation. File 12-14-212R	\$4,500.00
Catawba Co. Div. 12 SS-4912BW	WBS 44811.3.1 SR 1124 (Old Shelby Road) just south of Bridge #41; and SR 1128 (Mountain Grove Road) just west of SR 1127 (Machine Shop Road). Initial construction funds are needed for guardrail installation. File 12-14-212C	\$61,200.00
Gastonia/ Gaston Co. Div. 12 SS-4912BV	WBS 44766.3.1 US 74 at SR 2329 (Main Street/Redbud), and US 74 at SR 2339 (Church/Schlotzky's Deli Drive). Initial construction funds are needed for left turn lanes revisions. File 12-15-200C	\$117,000.00

June 2, 2016

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

L-10

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Asheville/ Buncombe Co. Div. 13 SS-4913CE	WBS 44768.2.1 NC 280 (Airport Road) from SR 3568 to Birch Circle. Initial right of way and utilities funds are needed for pedestrian signals, crosswalks, and sidewalk installation at six existing traffic signals. File 13-16-204R	\$1,800.00
Asheville/ Buncombe Co. Div. 13 SS-4913CE	WBS 44768.3.1 NC 280 (Airport Road) from SR 3568 to Birch Circle. Initial construction funds are needed for pedestrian signals, crosswalks, and sidewalk installation at six existing traffic signals. File 13-16-204C	\$337,500.00
Rutherfordton/ Rutherford Co. Div. 13 SS-4913CD	WBS 44767.2.1 US 74 Alt. (Railroad Avenue) at East 2nd Street. Initial right of way and utilities funds are needed for pedestrian actuated flasher, high visibility crosswalk, and sidewalk installation. File 13-16-203R	\$1,800.00
Rutherfordton/ Rutherford Co. Div. 13 SS-4913CD	WBS 44767.3.1 US 74 Alt. (Railroad Avenue) at East 2nd Street. Initial construction funds are needed for pedestrian actuated flasher, high visibility crosswalk, and sidewalk installation. File 13-16-203C	\$30,600.00
Yancey Co. Div. 13 SS-4913CF	WBS 44812.2.1 NC 197 at SR 1336 (Toe River Road) near Green Mountain. Initial right of way and utilities funds are needed for guardrail installation. File 13-16-200R	\$900.00

June 2, 2016

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

L-11

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Yancey Co. Div. 13 SS-4913CF	WBS 44812.3.1 NC 197 at SR 1336 (Toe River Road) near Green Mountain. Initial construction funds are needed for guardrail installation. File 13-16-200C	\$5,400.00
Haywood Co. Div. 14 SS-4914CM	WBS 44770.3.1 US 74 Eastbound Loop Ramp onto I-40 Westbound (Exit 27) near Clyde. Initial construction funds are needed for dynamic curve warning system installation. File 14-16-205C	\$135,000.00
Jackson Co. Div. 14 SS-4914CN	WBS 44771.2.1 SR 1359 (River Road) from US 23-441 to NC 116 near Sylva. Initial right of way and utilities funds are needed for guardrail installation. File 14-16-203R	\$9,000.00
Jackson Co. Div. 14 SS-4914CN	WBS 44771.3.1 SR 1359 (River Road) from US 23-441 to NC 116 near Sylva. Initial construction funds are needed for guardrail installation. File 14-16-203C	\$90,000.00
Transylvania Co. Div. 14 SS-4914CL	WBS 44769.2.1 SR 1207 (Barclay Road) from US 276 to SR 1113 (South Country Club Road) near Brevard. Initial right of way and utilities funds are needed for guardrail installation. File 14-15-221R	\$900.00

June 2, 2016

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

L-12

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Transylvania Co. Div. 14 SS-4914CL	WBS 44769.3.1 SR 1207 (Barclay Road) from US 276 to SR 1113 (South Country Club Road) near Brevard. Initial construction funds are needed for guardrail installation. File 14-15-221C	\$27,000.00
Statewide SS-4915D	WBS 44815.3.1 Statewide - Zipper Merge - Data collection, signing, pavement markings, and other enhancements at various locations for merge improvements.	\$92,185.00
ITEM L SUMMARY	57 PROJECTS	\$3,920,207.99

June 2, 2016

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

Division 1

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Currituck Co. R-2576 DIVISION	34470.1.TA1, BRSTP-000S(494) Mid-Currituck Bridge from Coinjock to Corolla. \$29,567,629.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate, utilizing Section 1702, Demo ID NC 159 High Priority Federal Funds designated for this project.	\$341,286.00 Cost \$273,029.00 Fed. \$68,257.00 State

Safety

Camden Co. W-5601BL REGIONAL	50138.1.65, HSIP-0017(151) US 17 at US 17 Business (Main Street). \$60,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$55,000.00 Cost \$49,500.00 Fed. \$5,500.00 State
Camden Co. W-5601BL STATEWIDE	50138.3.65, HSIP-0017(151) US 17 at US 17 Business (Main Street). \$490,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$215,000.00 Cost \$193,500.00 Fed. \$21,500.00 State
Divisionwide W-5601GY STATEWIDE	50138.3.208, HSIP-000S(847) Pavement marking / marker improvements at various locations. Construction funds are needed for safety improvements.	\$455,500.00 Cost \$409,950.00 Fed. \$45,550.00 State

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

Division 1 (Continued)

High Priority

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Elizabeth City/ Pasquotank Co. EB-4991 DIVISION	41829.3.F1, HPPSTP-0111(016) Elizabeth City Greenway from US 17 Bypass to Pritchard Street. \$315,808.00 has previously been approved for construction. Additional funds are needed for construction for 10-foot wide asphalt greenway trail (Halstead Boulevard Greenway Trail) utilizing Section 1702, Demo ID NC 88 High Priority Federal Funds designated for this project.	\$122,184.00 Cost \$97,747.00 Fed. \$24,437.00 Local

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

Division 2

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. U-5606 DIVISION	45834.1.1, STP-1598(003) SR 1598 (Dickinson Avenue) from NC 11 to SR 1610 (Reade Circle). \$1,139,433.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

Bridge

Pitt Co. B-5100 DIVISION	42236.3.1, BRZ-0220(037) Replace Bridge #421 over Meeting House Branch on King George Road. Funds are needed for construction for bridge replacement.	\$1,150,000.00 Cost \$920,000.00 Fed. \$230,000.00 Local
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Safety

Jones Co. W-5601EU STATEWIDE	50138.3.152, HSIP-0017(157) US 17 guardrail end unit upgrades. Construction funds are needed for safety improvements.	\$77,100.00 Cost \$69,390.00 Fed. \$7,710.00 State
Lenoir Co. W-5601ES REGIONAL	50138.3.150, HSIP-0011(034) NC 11 guardrail end unit upgrades. Funds are needed for construction for guardrail end unit upgrades.	\$269,900.00 Cost \$242,910.00 Fed. \$26,990.00 State

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

Division 2 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Pitt Co.	50138.3.151, HSIP-0011(035)	\$247,000.00	Cost
W-5601ET	NC 11, US 13 / NC 11 - 903, guardrail end unit upgrades. Funds	\$222,300.00	Fed.
REGIONAL	are needed for construction for guardrail end unit upgrades.	\$24,700.00	State

Bicycle and Pedestrian

Craven Co.	50017.3.FD1, STPEB-1309(011)	\$16,000.00	Cost
EB-5501	SR 1309 (Glenburnie Road) from Elizabeth Avenue to NC 55	\$12,800.00	Fed.
DIVISION	(Neuse Boulevard). \$500,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$3,200.00	State

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

Division 3

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Duplin Co. ER-5600CA REGIONAL	46305.1.18, STP-0332(063) US Highway 117 at the Faison Town Hall. Funds are needed for preliminary engineering.	\$8,500.00 Cost \$6,800.00 Fed. \$1,700.00 State

Urban

Wilmington/ Brunswick Co. U-4738 REGIONAL	40114.1.2, STPNHF-0017(150) New route from US 17 to Independence Boulevard-Carolina Beach Road Intersection. \$1,709,858.00 has previously been approved for preliminary engineering. Additional funds are needed utilizing Section 1702, Demo ID NC 101 and NC 071 High Priority Federal Funds designated for this project.	\$406,299.00 Cost \$325,039.00 Fed. \$81,260.00 State
Onslow Co. U-4007A(L) STATEWIDE	35008.2.FS9, STP-0017(147) US 17, SR 1702 (White Street Extension) from SR 1308 (Bell Fork Road) to east of SR 1470 (Western Boulevard). Funds are needed for construction for landscaping.	\$115,438.00 Cost \$92,350.00 Fed. \$23,088.00 State
Onslow Co. U-4007B(L) STATEWIDE	35008.2.FS10, STP-0017(148) US 17 (Western Parkway) from SR 1403 (Country Club Road) to SR 1470 (Western Boulevard). Funds are needed for landscaping.	\$277,631.00 Cost \$222,105.00 Fed. \$55,526.00 State

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

Division 3 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Brunswick Co. W-5203Q STATEWIDE	45333.3.17, HSIP-0017(133) US 17 at SR 1302 (Shingletree Road) and US 17 at SR 1167 (Persimmon Road). Construction funds are needed for safety improvements.	\$1,050,000.00 \$945,000.00 \$105,000.00	Cost Fed. State
Onslow Co. W-5203X STATEWIDE	45333.1.FS24, HSIP-0017(138) US 17 (New Bern Highway) and SR 1407 (Wolf Swamp Road) and SR 1326 (Drummer Kellum Road). \$144,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$106,000.00 \$95,400.00 \$10,600.00	Cost Fed. State

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

Division 4

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rocky Mount/ Nash Co. U-3330 REGIONAL	36596.1.2, STP-0301(028) US 301 Bypass from NC 43 / 48 (Benvenue Road) to SR 1836 (May Drive). \$1,400,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,250,000.00 Cost \$1,000,000.00 Fed. \$250,000.00 State
Nash Co. U-3621A DIVISION	34964.1.2, STP-1604(008) SR 1604 (Hunter Hill Road) from SR 1613 (North Winstead Avenue) to SR 1616 (Country Club Road). \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State

Bridge

Johnson B-4771 DIVISION	38543.1.1, BRZ-1200(006) Replace Bridge #11 over Mill Creek on SR 1201. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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Safety

Halifax Co. W-5601BU DIVISION	50138.3.74, HSIP-1434(005) SR 1434 (Sam Powell Dairy Road) between NC 48 in Roanoke Rapids and NC 48 south of Rheasville. Construction funds are needed for safety improvements.	\$395,000.00 Cost \$355,500.00 Fed. \$39,500.00 State
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**NCDOT June 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	
Johnston Co. W-5204E DIVISION	45334.2.5, HSIP-1524(006) SR 1524 (Old Drug Store Road) from Fawn Hill Court to NC 50. Funds are needed for full right of way.	\$200,000.00 \$180,000.00 \$20,000.00	Cost Fed. State

Rail Program

Halifax Co. Y-5500DB DIVISION	45533.1.5, RR-0042(069) Railway-Highway Grade Crossing Safety Project. Municipal crossing closure at the intersection of Carolina Avenue and the CSX Transportation Tracks in Weldon; Crossing #629 652L. Funds are needed for preliminary engineering.	\$25,000.00 \$25,000.00	Cost Fed.
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High Priority

Wayne Co. U-3609 REGIONAL	39026.1.1, HPPSTP-0013(021) US 13 (Berkeley Boulevard) from SR 1003 (New Hope Road) to proposed US 70 Bypass in Goldsboro. \$703,354.00 has previously been approved for preliminary engineering. Additional funds are needed utilizing Section 1702, Demo ID NC 098 High Priority Federal Funds designated for this project.	\$30,066.00 \$24,053.00 \$6,013.00	Cost Fed. State
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**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Durham Co. I-5307B STATEWIDE	47030.3.3, IM-0540(035) I-540 Flyover Bridge over I-40 in Durham. Funds are needed for construction for modular joint replacements on Bridge # 342. This is a Strategic Transportation Investments Pre-Transition project.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State

Congestion Mitigation

Raleigh/ Wake Co. C-5172 EXEMPT	46236.3.F1, CMS-0520(036) SR 1005 (Six Forks Road) from Coleridge Drive to Wake Forest Road. \$386,400.00 has previously been approved for construction. Additional funds are needed to construct a five foot sidewalk.	\$242,466.00 Cost \$121,233.00 Fed. \$121,233.00 Local
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Urban

Durham Co. U-3308 REGIONAL	34915.3.FR1, STP-0055(020) NC 55 (Alston Avenue) from NC 147 (Durham Freeway) to north of US 70 Business - NC 98 (Holloway Street). Widen to four lane divided facility from NC 147 to Main Street and replace Norfolk Southern Railroad Bridges. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$30,632,220.00 Cost \$24,505,776.00 Fed. \$6,126,444.00 State
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Bridge

Person Co. B-5327 DIVISION	46041.1.1, BRZ-1300(013) Replace Bridge #49 over South Hyco Creek on SR 1300. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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**NCDOT June 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
Durham Co. SS-4905DK REGIONAL	44814.1.1, HSIP-0098(033) NC 98 (Wake Forest Highway) at Nichols Farms Drive and Oak Grove Parkway. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Raleigh/ Wake Co. W-5601CG DIVISION	50138.3.86, HSIP-2000(010) SR 2000 (Wake Forest Road) at Creekside Crossing. Construction funds are needed for safety improvements.	\$113,000.00 Cost \$101,700.00 Fed. \$11,300.00 State

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

Division 6

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Robeson Co. I-5732 STATEWIDE	52009.3.FS1, NHPP-0074(182) I-74 from US 74 to 0.3 miles east of NC 710. Funds are needed for construction for pavement rehabilitation.	\$1,150,000.00 Cost \$920,000.00 Fed. \$230,000.00 State

National Highway

Fayetteville/ Cumberland Co. U-2519CA STATEWIDE	34817.3.13, NHP-0620(031) Outer Loop from south of US 401 to south of SR 1400 (Cliffdale Road), (Combined with B-5516: Replace Bridge #14 over Lake Rim Runoff on SR 3569). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$81,900,000.00 Cost \$65,520,000.00 Fed. \$16,380,000.00 State
Fayetteville/ Cumberland Co. U-2519CA STATEWIDE	34817.2.7, NHP-0620(031) Outer Loop from south of US 401 to south of SR 1400 (Cliffdale Road), (Combined with B-5516: Replace Bridge #14 over Lake Rim Runoff on SR 3569). Funds are needed for right-of-way based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$8,380,000.00 Cost \$6,704,000.00 Fed. \$1,676,000.00 State

Urban

Cumberland Co. U-4405 DIVISION	39049.1.1, STPDA-0401(230) US 401 (Raeford Road) from west of Hampton Oaks Drive to east of Fairway Drive. \$1,450,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State
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**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. U-5605 DIVISION	45833.1.1, STPDA-1600(013) SR 4202 (Odell Road) from the Fort Bragg Boundary to NC 24/NC 87 (Bragg Boulevard). \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 State

Bridge

Columbus Co. B-5332 DIVISION	46046.1.1, BRZ-1005(033) Replace Bridge #130 over Cedar Creek on SR 1005. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
Cumberland Co. B-4950 DIVISION	40108.1.1, BRZ-1851(003) Replace Bridges #171 and #172 over the South River on SR 1851/SR 1426. \$162,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
Robeson Co. B-4616 REGIONAL	33798.1.1, BRSTP-211(016) Replace Bridge #18 over CSX Railroad on NC 211. \$372,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State

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

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Robeson Co. W-5601GX STATEWIDE	50138.1.207, HSIP-0095(038) I-95 guardrail end unit upgrades. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

Rural

Columbus Co. R-5020 DIVISION	41499.1.1, NHS-0701(015) US 701 Bypass (Madison Street/Powell Boulevard) from south of SR 1166 (Pleasant Plains Road) to north of the US 74/76 Bypass in Whiteville. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State
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**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Guilford Co. I-5789 STATEWIDE	53029.3.1, NHPIM-0085(3)117 I-85 from SR 1113 (Kivett Drive) to 0.4 mile north of I-85 Business in High Point (Combined with I-5738: I-85 from south of SR 1009 to north of SR 1912 (Lunar Drive) in Archdale); (Combined with I-5821: I-85 from Randolph County Line to 1 mile east of SR 1113 (Kivett Drive)). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$16,900,000.00 \$13,520,000.00 \$3,380,000.00	Cost Fed. State

Urban

Mebane/ Alamance Co. U-3109A REGIONAL	34900.1.2, STP-0119(010) NC 119 relocation from I-40 / I-85 to north of SR 1921 (Mebane Rogers Road / Stage Coach Road). \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,200,000.00 \$960,000.00 \$240,000.00	Cost Fed. State
Guilford Co. U-5169 REGIONAL	45220.1.2, NHS-0311(032) I-74/US 311 and NC 68 (Eastchester Drive) Interchange. \$700,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimates.	\$1,000,000.00 \$800,000.00 \$200,000.00	Cost Fed. State
Orange Co. U-5550 STATEWIDE	50154.3.1, NHPP-0015(047) US 15 / 501 (Fordham Boulevard) and SR 1742 (Ephesus Church Road) in Chapel Hill. \$2,170,000.00 has previously been approved for construction. Funds to be reduced due to project being State Funded.	-\$2,170,000.00 -\$1,736,000.00 -\$434,000.00	Cost Fed. State

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

Division 8

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Moore Co. U-3628 REGIONAL	44672.1.1, STP-0024(078) NC 24 / NC 27 courthouse west of NC 22 (McNeill Street) to US 15 / 501. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

Bridge

Hoke Co. B-4967 DIVISION	40158.3.1, BRZ-1203(002) Replace Bridge #8 over Lumber River on SR 1423 / SR 1203. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$1,650,000.00 Cost \$1,320,000.00 Fed. \$330,000.00 State
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**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Davidson Co. SS-4909BP REGIONAL	44808.1.1, HSIP-0109(022) NC 109 at SR 2067 (Lambeth Road). Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State

**NCDOT June 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-5960 STATEWIDE	44797.1.1, NHP-0485(044) I-485, from MM 35.8 to MM 39.7. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
Mecklenburg Co. I-5961 STATEWIDE	44798.1.1, NHPP-0077(009) I-77 from West Trade Street to Iredell County Line. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 State
Mecklenburg Co. I-5961 STATEWIDE	44798.3.1, NHPP-0077(009) I-77 from West Trade Street to Iredell County Line. Construction funds are needed for pavement rehabilitation.	\$2,365,000.00 Cost \$1,892,000.00 Fed. \$473,000.00 State

Urban

Huntersville/ Mecklenburg Co. U-5908 EXEMPT	46453.1.1, STP-0115(009) Main Street, NC 115 (Old Statesville Road) / SR 2004 (Mount Holly-Huntersville Road) to south of Ramah Church Road. Funds are needed for preliminary engineering.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 Local
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**NCDOT June 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-5601EC DIVISION	50138.1.131, HSIP-1601(003) SR 1601 (Moore's Chapel Road) at SR 1609 (Rhyne Road) near Charlotte. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Mecklenburg Co. W-5601FJ REGIONAL	50138.1.167, HSIP-0073(044) NC 73 (Davidson Concord Road) and SR 2427 (Ramah Church Road) near Huntersville. Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Mecklenburg Co. W-5601FL STATEWIDE	50138.1.169, HSIP-0077(007) I-77 / US 21 southbound ramp and SR 2047 (Trade Street). \$3,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
Mecklenburg Co. W-5601GT STATEWIDE	50138.3.203, HSIP-0485(043) I-485 Pavement Marking / Marker Improvements. Funds are needed for construction for pavement markings.	\$540,000.00 Cost \$486,000.00 Fed. \$54,000.00 State

**NCDOT June 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
Stanly Co. SS-4910CH DIVISION	44809.1.1, HSIP-1134(007) SR 1134 (Millingport Road) between SR 1206 (5 Point Road) and SR 1225 (Old Mill Road); SR 1206 (5 Point Road) between SR 1231 (Rowland Road) and SR 1227 (Ridgecrest Road). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

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

Division 11

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Avery Co. B-5383 DIVISION	46098.1.1, BRZ-1536(005) Replace Bridge #143 over the Linville River on SR 1536. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
Watauga Co. B-5118 DIVISION	42256.3.FD1, BRZ-1557(002) Replace Bridge #55 over Lance Creek on SR 1557. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State

Safety

Caldwell Co. W-5601FT STATEWIDE	50138.3.177, HSIP-0064(187) US 64 / NC 18 eastbound, westbound and southbound at the intersection of US 64 / NC 18 at SR 1145 (Virginia Street). Funds are needed for construction for safety improvements.	\$32,000.00 Cost \$28,800.00 Fed. \$3,200.00 State
Divisionwide W-5601GU STATEWIDE/ REGIONAL	50138.1.204, HSIP-000S(843) Safety improvements at various locations. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

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

Division 11 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide W-5601GV STATEWIDE/ REGIONAL	50138.1.205, HSIP-000S(845) Upgrade guardrail end units at various locations. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Surry Co. W-5601GW STATEWIDE/ REGIONAL	50138.1.206, HSIP-000S(844) Upgrade guardrail end units at various locations. Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Watauga Co. SS-4911AN DIVISION	44810.1.1, HSIP-1602(004) SR 1602 (Fairway Drive) from US 321 to SR 1636 (Kellwood Lane). Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

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

Division 12

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cleveland Co. R-2707 STATEWIDE	34497.1.2, NHF-0074(014) US 74 Bypass from existing US 74 west of Shelby to existing US 74 east of Shelby. \$16,012,213.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$1,200,000.00 Cost \$960,000.00 Fed. \$240,000.00 State

Bridge

Iredell Co. B-5142 DIVISION	42303.3.FD1, BRZ-1302(041) Replace Bridge #57 over Cornelius Creek on SR 1302. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$2,850,000.00 Cost \$2,280,000.00 Fed. \$570,000.00 State
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Safety

Catawba Co. SS-4912BW DIVISION	44811.1.1, HSIP-1124(015) SR 1124 (Old Shelby Road) just south of Bridge #41 and SR 1128 (Mountain Grove Road) just west of SR 1127 (Machine Shop Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Lincoln Co. W-5601Q REGIONAL	50138.1.FR18, HSIP-0016(060) NC 16 Business at SR 1394 (North Pilot Knob Road) and SR 1393 (Hagers Ferry Road) at SR 1394 (North Pilot Knob Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$81,000.00 Cost \$72,900.00 Fed. \$8,100.00 State

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

Division 12 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Catawba Co. R-3100A REGIONAL	34522.1.3, STP-0016(052) NC 16 from north of SR 1814 (Caldwell Road) to SR 1895 (Tower Road). \$600,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 State
Catawba Co. R-3100B DIVISION	34522.1.4, STP-0016(053) NC 16 from north of SR 1801 (Claremont Road) to north of SR 1814 (Caldwell Road). \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$850,000.00 Cost \$680,000.00 Fed. \$170,000.00 State
Iredell Co. R-2307B REGIONAL	37944.1.FR5, STP-0150(036) NC 150 from SR 1902 (Harvel Road) in Catawba County to I-77 in Iredell County. Funds are needed for preliminary engineering.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State

Bicycle and Pedestrian

Troutman/ Iredell Co. EB-5530 DIVISION	50045.3.1, STPEB-1233(009) Old Mountain Road from North Main Street to South Iredell High School. Funds are needed for construction for greenway.	\$480,000.00 Cost \$384,000.00 Fed. \$96,000.00 State
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**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Troutman/ Iredell Co. EB-5532 DIVISION	50047.3.1, STPEB-1233(008) North Main Street Greenway from SR 2551 (Old Murdock Road) to SR 2350 (Murdock Road). Funds are needed for construction for greenway.	\$430,000.00 Cost \$344,000.00 Fed. \$86,000.00 State

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

Division 13

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. W-5601GO STATEWIDE	50138.3.198, HSIP-0026(010) I-26, I-240, I-40, and US 74. Funds are needed for construction of pavement marking improvements.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
Yancey Co. SS-4913CF REGIONAL	44812.1.1, HSIP-0197(010) NC 197 at SR 1336 (Toe River Road), near Green Mountain. Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

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

Division 14

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Jackson Co. B-5410 DIVISION	46125.3.1, BRZ-1367(003) Replace Bridge #221 over Little Savannah Creek on SR 1367. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on June 21, 2016.	\$925,000.00 Cost \$740,000.00 Fed. \$185,000.00 State
Transylvania Co. B-4823 DIVISION	38593.1.2, BRZ-1538(009) Replace Bridge #12 over Hogsed Creek on SR 1538. \$275,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State

Safety

Divisionwide W-5601GQ STATEWIDE/ REGIONAL	50138.1.200, HSIP-000S(846) Safety improvements at various locations. Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
Divisionwide W-5601GQ STATEWIDE/ REGIONAL	50138.3.200, HSIP-000S(846) Safety improvements at various locations. Funds are needed for construction for safety improvements.	\$580,000.00 Cost \$522,000.00 Fed. \$58,000.00 State

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

Division 14 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Haywood Co. W-5601GP DIVISION	50138.1.199, HSIP-1613(009) SR 1613 (Beaver Dam Road) between SR 1663 (Great Oak Drive) and SR 1640 (Hilla Villa Road) near Canton. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
Henderson Co. W-5601GR DIVISION	50138.1.201, HSIP-1722(008) SR 1722 (Old Spartanburg Road) at SR 1779 (Shepherd Street). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Henderson Co. W-5601GR DIVISION	50138.3.201, HSIP-1722(008) SR 1722 (Old Spartanburg Road) at SR 1779 (Shepherd Street). Construction funds are needed for safety improvements.	\$40,000.00 Cost \$36,000.00 Fed. \$4,000.00 State
Henderson Co. W-5601GS DIVISION	50138.1.202, HSIP-1525(012) SR 1525 (Dana Road) at SR 1746 (North Allen Road) near Hendersonville. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

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

Division 14 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Henderson Co. W-5601GS DIVISION	50138.3.202, HSIP-1525(012) SR 1525 (Dana Road) at SR 1746 (North Allen Road) near Hendersonville. Funds are needed for construction for safety improvements.	\$35,000.00 Cost \$31,500.00 Fed. \$3,500.00 State

Municipal Bridge

Macon Co. M-0414 DIVISION	42080.1.120, BRZ-NBIS(013) Municipal Bridge Inspections - 1 bridge within the municipality of Macon County Middle School. Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,000.00 Fed. \$500.00 Local
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**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide	44815.1.1, HSIP-000S(848)	\$50,000.00 Cost
SS-4915D	Zipper merge - data collection, signing, pavement markings, and	\$45,000.00 Fed.
STATEWIDE	other enhancements at various locations for merge improvements. Funds are needed for preliminary engineering.	\$5,000.00 State

Planning and Research

Statewide	50084.1.5, NST-0NST(005)	\$175,000.00 Cost
M-0460AE	National Summer Transportation Institute (NSTI). Funds are	\$175,000.00 Fed.
STATEWIDE	needed for 2016 allocation.	
Statewide	50141.1.2, OJT-00JT(019)	\$350,000.00 Cost
M-0478B	On-the-Job Training Support Services - FY 2016. Funds are	\$350,000.00 Fed.
STATEWIDE	needed for preliminary engineering.	
Statewide	55201.1.1, SPR-0SPR(073)	\$36,000.00 Cost
M-0486A	Bicycle and Pedestrian Planning Grants. \$49,072.00 has	\$28,800.00 Fed.
STATEWIDE	previously been approved for preliminary engineering. Additional funds are requested.	\$7,200.00 State

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

Division 15 (Continued)

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide M-0486B STATEWIDE	55201.1.2, SPR-0SPR(073) Bicycle and Pedestrian Planning Grants. \$40,397.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$28,800.00 Cost \$23,040.00 Fed. \$5,760.00 State
Statewide M-0486F STATEWIDE	55201.1.6, SPR-0SPR(073) Bicycle and Pedestrian Planning Grants. \$64,306.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$38,500.00 Cost \$30,800.00 Fed. \$7,700.00 State
Statewide M-0486J STATEWIDE	55201.1.10, SPR-0SPR(073) Bicycle and Pedestrian Planning Grants. \$39,175.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$30,600.00 Cost \$24,480.00 Fed. \$6,120.00 State
Statewide NO ID STATEWIDE	47520.1.6, LTAP-FY16(001) Local Technical Assistance Program (LTAP). Funds are needed for preliminary engineering.	\$150,000.00 Cost \$150,000.00 Fed.

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

Division 15 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide Y-5500 STATEWIDE	45533.1.FS1, RR-000S(773) Traffic Separation Study Implementation and Closure. \$400,000.00 has previously been approved for preliminary engineering. Funds are needed for preliminary engineering based on the latest estimate.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
Statewide Z-5400 STATEWIDE	43600.1.FS1, RR-000S(797) Railway-Highway Grade Crossing Safety Project at various locations statewide. \$250,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State

ITEM M SUMMARY - 94 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$170,001,820.00

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

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

STIP ADDITIONS

DIVISION 5

* U-5928	APEX PEAKWAY, JAMES STREET TO TOWHEE DRIVE.	ENGINEERING	FY 2016 -	\$250,000	(L)
WAKE	CONSTRUCT GRADE SEPARATED INTERCHANGE FOR	RIGHT-OF-WAY	FY 2016 -	\$500,000	(L)
PROJ.CATEGORY	APEX PEAKWAY AT SOUTH SALEM STREET AND CSX	CONSTRUCTION	FY 2017 -	\$2,500,000	(STPDA)
DIVISION	RR.		FY 2017 -	<u>\$4,600,000</u>	(L)
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>				\$7,850,000

DIVISION 13

* R-5528A	CONSTRUCT ACCESS ROAD OFF SR 1129 (HENREDON	CONSTRUCTION	FY 2016 -	<u>\$170,000</u>	(APD)
MITCHELL	ROAD) FROM THE END OF PHASE I PROJECT.			\$170,000	
PROJ.CATEGORY	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
EXEMPT	<u>PROGRAMMED. PROPOSED FUNDING IS</u>				
	<u>APPALACHIAN REGIONAL COMMISSION (ARC) LOCAL</u>				
	<u>ACCESS ROAD FUNDING.</u>				

STIP MODIFICATIONS

DIVISION 2

EB-5539	GREENVILLE, SOUTH TAR RIVER GREENWAY. PHASE	CONSTRUCTION	FY 2017 -	\$660,000	(DP)
PITT	3: PITT STREET TOWARD MOYE BOULEVARD IN		FY 2017 -	\$903,000	(STPEB)
PROJ.CATEGORY	VICINITY OF PITT MEMORIAL HOSPITAL. CONSTRUCT		FY 2017 -	<u>\$165,000</u>	(L)
TRANSITION	GREENWAY USING EXISTING SIDEWALKS, ROADS AND			\$1,728,000	
	ON NEW LOCATION ALONG THE RIVER.				
	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR RIGHT OF WAY</u>				
	<u>ACQUISITION.</u>				

R-5703	NC 148 (HARVEY PARKWAY), NC 58 TO NC 11.	RIGHT-OF-WAY	FY 2017 -	\$5,332,000	(T)
LENOIR	CONSTRUCT MULTI-LANE FACILITY ON NEW LOCATION.	UTILITIES	FY 2017 -	\$640,000	(T)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 19 TO FY 17</u>	CONSTRUCTION	FY 2017 -	\$14,222,000	(T)
REGIONAL	<u>AND CONVERT TO DESIGN BUILD CONTRACT.</u>		FY 2018 -	\$14,222,000	(T)
			FY 2019 -	\$14,222,000	(T)
			FY 2020 -	<u>\$14,222,000</u>	(T)
				\$62,860,000	

DIVISION 3

R-2303E	NC 24, US 421/US 701/SR 1296 (SUNSET AVENUE) TO	RIGHT-OF-WAY	FY 2018 -	\$7,250,000	(T)
SAMPSON	WEST OF SR 1920 (MOLTONVILLE ROAD).	CONSTRUCTION	FY 2020 -	\$9,167,000	(T)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND</u>		FY 2021 -	\$9,167,000	(T)
DIVISION	<u>CONSTRUCTION FROM FY 19 TO FY 20 BASED ON</u>		FY 2022 -	<u>\$9,168,000</u>	(T)
	<u>CLARIFICATION OF SCHEDULES.</u>			\$34,752,000	

* INDICATES FEDERAL AMENDMENT

Thursday, June 02, 2016

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

DIVISION 3

U-4906	SR 1308 (GUM BRANCH ROAD), EAST CITY LIMITS OF	RIGHT-OF-WAY	FY 2018 -	\$1,000,000	(STP)
ONSLow	RICHLANDS TO SR 1322 (SUMMERSILL SCHOOL ROAD)	CONSTRUCTION	FY 2019 -	\$7,500,000	(STP)
PROJ.CATEGORY	IN JACKSONVILLE. WIDEN TO THREE LANES.			\$8,500,000	
TRANSITION	<u><i>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND CONSTRUCTION FROM FY 17 TO FY 19 TO ALLOW ADDITIONAL TIME TO FOR PLANNING AND DESIGN.</i></u>				

U-5319	SR 1308 (GUM BRANCH ROAD), SR 1470 (WESTERN	RIGHT-OF-WAY	FY 2018 -	\$1,865,000	(STP)
ONSLow	BOULEVARD) IN JACKSONVILLE. IMPROVE	CONSTRUCTION	FY 2020 -	\$2,950,000	(STP)
PROJ.CATEGORY	INTERSECTION.			\$4,815,000	
TRANSITION	<u><i>ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 18 BASED ON CLARIFICATION OF SCHEDULES.</i></u>				

U-5789	NC 53 (WESTERN BOULEVARD), SR 2714	RIGHT-OF-WAY	FY 2018 -	\$135,000	(T)
ONSLow	(JACKSONVILLE PARKWAY). IMPROVE INTERSECTION.	CONSTRUCTION	FY 2020 -	\$563,000	(T)
PROJ.CATEGORY				\$698,000	
REGIONAL	<u><i>DELAY CONSTRUCTION FROM FY 19 TO FY 20 TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION.</i></u>				

DIVISION 5

B-5321	SR 1153 (OLD HOLLY SPRINGS - APEX ROAD),	RIGHT-OF-WAY	FY 2017 -	\$60,000	(STPOFF)
WAKE	REPLACE BRIDGE 910374 OVER LITTLE BRANCH.	CONSTRUCTION	FY 2018 -	\$600,000	(STPOFF)
PROJ.CATEGORY				\$660,000	
DIVISION	<u><i>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME TO SELECT A DESIGN ALTERNATIVE, DESIGN THE PROJECT AND BEGIN THE R/W PHASE.</i></u>				

* I-0914BA	I-85, SOUTH OF US 158 IN VANCE COUNTY TO NORTH	CONSTRUCTION	FY 2016 -	\$30,967,000	(NHP)
VANCE	OF SR 1237 (MANSON DREWRY ROAD) IN WARREN		FY 2017 -	\$30,966,000	(NHP)
WARREN	COUNTY			\$61,933,000	
PROJ.CATEGORY	<u><i>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</i></u>				
TRANSITION					

* I-0914BB	I-85, NORTH OF SR 1237 (MANSON DREWRY ROAD) TO	CONSTRUCTION	FY 2016 -	\$21,533,000	(NHP)
WARREN	VIRGINIA STATE LINE		FY 2017 -	\$21,533,000	(NHP)
PROJ.CATEGORY				\$43,066,000	
TRANSITION	<u><i>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</i></u>				

* INDICATES FEDERAL AMENDMENT

Thursday, June 02, 2016

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

DIVISION 5

U-5315A	MORRISVILLE PARKWAY EXTENSION, WEST OF	CONSTRUCTION	FY 2018 -	\$3,000,000	(STPDA)
WAKE	HIGHCROFT DRIVE TO EAST OF MILLS PARK DRIVE IN		FY 2018 -	<u>\$3,000,000</u>	(L)
PROJ.CATEGORY	CARY. CONSTRUCT 2-LANE FACILITY ON 4-LANE			\$6,000,000	
DIVISION	RIGHT OF WAY.				
	<u><i>DELAY CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME TO ACQUIRE RIGHT OF WAY.</i></u>				

U-5315B	MORRISVILLE PARKWAY EXTENSION, NC 540	RIGHT-OF-WAY	FY 2016 -	\$4,000,000	(BOND R)
WAKE	(TRIANGLE EXPRESSWAY / WESTERN WAKE	CONSTRUCTION	FY 2018 -	\$10,302,000	(L)
PROJ.CATEGORY	FREEWAY). CONSTRUCT INTERCHANGE.		FY 2018 -	<u>\$8,500,000</u>	(BOND R)
DIVISION				\$22,802,000	
	<u><i>DELAY CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME TO ACQUIRE RIGHT OF WAY.</i></u>				

DIVISION 6

* U-2519CA	I-295 FAYETTEVILLE OUTER LOOP, SOUTH OF US 401	RIGHT-OF-WAY	FY 2016 -	\$8,300,000	(NHP)
CUMBERLAND	TO SOUTH OF SR 1400 (CLIFFDALE ROAD).	CONSTRUCTION	FY 2016 -	\$20,275,000	(NHP)
PROJ.CATEGORY	<u><i>GARVEE FUNDING REMOVED. TRADITIONAL</i></u>		FY 2017 -	\$20,275,000	(NHP)
STATEWIDE	<u><i>FEDERAL FUNDING TO BE USED. SCHEDULE</i></u>		FY 2018 -	\$20,275,000	(NHP)
	<u><i>REMAINS THE SAME.</i></u>		FY 2019 -	\$20,275,000	(NHP)
				\$89,400,000	

DIVISION 7

* B-5717	SR 4240 (EAST LEE STREET - WESTBOUND), REPLACE	RIGHT-OF-WAY	FY 2019 -	\$314,000	(NHPB)
GUILFORD	BRIDGES 400109 AND 400121 OVER SOUTH BUFFALO	CONSTRUCTION	FY 2020 -	\$3,133,000	(NHPB)
PROJ.CATEGORY	CREEK IN GREENSBORO.		FY 2021 -	<u>\$3,133,000</u>	(NHPB)
DIVISION	<u><i>REVISE DESCRIPTION TO ADD BRIDGE 400109 TO</i></u>			\$6,580,000	
	<u><i>SCOPE AT REQUEST OF STRUCTURES MANAGEMENT</i></u>				
	<u><i>UNIT.</i></u>				

I-5735	I-73 / US 220, RANDOLPH COUNTY LINE TO I-85 / US 421	CONSTRUCTION	FY 2023 -	\$2,620,000	(NHPIM)
GUILFORD	IN GREENSBORO. PAVEMENT REHABILITATION.			\$2,620,000	
PROJ.CATEGORY	<u><i>MODIFY DESCRIPTION TO EXTEND NORTHERN</i></u>				
STATEWIDE	<u><i>PROJECT LIMIT BASED ON LATEST INTERSTATE</i></u>				
	<u><i>MAINTENANCE PRIORITIZATION.</i></u>				

* INDICATES FEDERAL AMENDMENT

Thursday, June 02, 2016

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

DIVISION 7

* U-2524D	FUTURE I-840, GREENSBORO WESTERN LOOP, US 220	CONSTRUCTION	FY 2016 -	\$30,050,000	(NHP)
GUILFORD	(BATTLEGROUND AVENUE) TO SR 2303 (LAWNDALE		FY 2017 -	<u>\$30,050,000</u>	(NHP)
PROJ.CATEGORY	DRIVE)			\$60,100,000	
STATEWIDE	<u><i>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</i></u>				

DIVISION 8

U-5759	NC 159 (ZOO PARKWAY), US 64 (DIXIE DRIVE) /	RIGHT-OF-WAY	FY 2017 -	\$45,000	(T)
RANDOLPH	ATLANTIC AVENUE IN ASHEBORO. INTERSECTION	CONSTRUCTION	FY 2017 -	<u>\$188,000</u>	(T)
PROJ.CATEGORY	IMPROVEMENTS.			\$233,000	
REGIONAL	<u><i>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17 AT THE REQUEST OF THE DIVISION OFFICE.</i></u>				

DIVISION 9

* C-4908G	US 70 (STATESVILLE BOULEVARD), US 601 (JAKE	RIGHT-OF-WAY	FY 2016 -	\$52,000	(CMAQ)
ROWAN	ALEXANDER BOULEVARD)		FY 2016 -	\$13,000	(L)
PROJ.CATEGORY	<u><i>ADD RIGHT-OF-WAY IN FY 16 AND DELAY</i></u>	CONSTRUCTION	FY 2017 -	\$298,000	(CMAQ)
EXEMPT	<u><i>CONSTRUCTION FROM FY 15 TO FY 17 TO ALLOW THE CITY ADDITIONAL TIME FOR THE R/W PHASE.</i></u>		FY 2017 -	<u>\$75,000</u>	(L)
				\$438,000	

* I-3802B	I-85, SR 2180 (LANE STREET) IN CABARRUS COUNTY	RIGHT-OF-WAY	FY 2016 -	\$13,600,000	(NHP)
ROWAN	TO US 29 / US 601 CONNECTOR IN ROWAN COUNTY	UTILITIES	FY 2016 -	\$2,753,000	(NHP)
PROJ.CATEGORY	<u><i>GARVEE FUNDING REMOVED. TRADITIONAL</i></u>	CONSTRUCTION	FY 2016 -	\$69,500,000	(NHP)
STATEWIDE	<u><i>FEDERAL FUNDING TO BE USED. SCHEDULE</i></u>		FY 2017 -	\$69,500,000	(NHP)
	<u><i>REMAINS THE SAME.</i></u>			\$155,353,000	

I-5793	I-85, EAST OF US 64 TO NC 109 IN THOMASVILLE.	CONSTRUCTION	FY 2018 -	\$5,693,000	(NHPIM)
DAVIDSON	PAVEMENT REHABILITATION.		FY 2019 -	\$5,693,000	(NHPIM)
PROJ.CATEGORY	<u><i>MODIFY DESCRIPTION TO EXTEND NORTHERN</i></u>			\$11,386,000	
STATEWIDE	<u><i>PROJECT LIMIT BASED ON LATEST INTERSTATE</i></u>				
	<u><i>MAINTENANCE PRIORITIZATION.</i></u>				

* INDICATES FEDERAL AMENDMENT

Thursday, June 02, 2016

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

DIVISION 9

I-5859	I-85, 0.5 MILE SOUTH OF US 52 IN SALISBURY TO SR	CONSTRUCTION	FY 2020 -	\$4,684,000	(NHPIM)
ROWAN	2120 (LONG FERRY ROAD) IN SPENCER. PAVEMENT		FY 2021 -	\$4,684,000	(NHPIM)
PROJ.CATEGORY	REHABILITATION.			\$9,368,000	
STATEWIDE	<u><i>MODIFY DESCRIPTION TO EXTEND NORTHERN PROJECT LIMIT BASED ON LATEST INTERSTATE MAINTENANCE PRIORITIZATION.</i></u>				

* R-2247CD	SR 1891 / NON-SYSTEM (PEACE HAVEN ROAD), SR	RIGHT-OF-WAY	FY 2016 -	\$3,200,000	(NHP)
FORSYTH	1891 / NON-SYSTEM (PEACE HAVEN ROAD) - US 421	CONSTRUCTION	FY 2016 -	\$9,625,000	(NHP)
PROJ.CATEGORY	INTERCHANGE AND APPROACHES			\$12,825,000	
STATEWIDE	<u><i>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</i></u>				

* R-2247EC	US 52 / FUTURE I-74, NC 65 INTERCHANGE.	RIGHT-OF-WAY	FY 2016 -	\$2,160,000	(NHP)
FORSYTH	RECONSTRUCT INTERCHANGE.	CONSTRUCTION	FY 2016 -	\$13,500,000	(NHP)
PROJ.CATEGORY				\$15,660,000	
STATEWIDE	<u><i>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</i></u>				

DIVISION 11

B-5147	SR 1509 (CLAYBANK ROAD), REPLACE BRIDGE 040327	CONSTRUCTION	FY 2016 -	\$385,000	(HFB)
ASHE	OVER LITTLE BUFFALO CREEK.			\$385,000	
PROJ.CATEGORY	<u><i>ACCELERATE CONSTRUCTION FROM FY 17 TO FY 16.</i></u>				
HWY FUNDS					

DIVISION 13

* I-5504	I-26, NC 191 (BREVARD ROAD). UPGRADE	RIGHT-OF-WAY	FY 2016 -	\$9,400,000	(NHP)
BUNCOMBE	INTERCHANGE.	CONSTRUCTION	FY 2016 -	\$13,500,000	(NHP)
PROJ.CATEGORY			FY 2017 -	\$13,500,000	(NHP)
STATEWIDE	<u><i>GARVEE FUNDING REMOVED. TRADITIONAL FEDERAL FUNDING TO BE USED. SCHEDULE REMAINS THE SAME.</i></u>				
			FY 2018 -	\$13,500,000	(NHP)
			FY 2019 -	\$13,500,000	(NHP)
				\$63,400,000	

DIVISION 14

B-4792	SR 1102 (PEARSON FALLS), REPLACE BRIDGE 740004	CONSTRUCTION	FY 2016 -	\$650,000	(STPOFF)
POLK	OVER FORK CREEK (SMALL BRANCH OF PACOLET			\$650,000	
PROJ.CATEGORY	RIVER).				
DIVISION	<u><i>ACCELERATE CONSTRUCTION FROM FY 17 TO FY 16. UTILITY ISSUES HAVE BEEN RESOLVED, ALLOWING PROJECT TO BE ACCELERATED.</i></u>				

* INDICATES FEDERAL AMENDMENT

Thursday, June 02, 2016

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

DIVISION 14

W-5506 HENDERSON PROJ.CATEGORY REGIONAL	NC 191, SR 1381 (MOUNTAIN ROAD) TO NORTH OF SR 1365 (NORTH RUGBY ROAD). CONSTRUCT A THREE-LANE SECTION BETWEEN N/S RUGBY AND COUNTRY ROAD, EXTEND RIGHT TURN LANE INTO WEST HENDERSON SCHOOL, REVISE AND INSTALL GUARDRAIL AT VARIOUS LOCATIONS, CONSTRUCT ENTRANCE TO RUGBY MIDDLE SCHOOL ON NEW LOCATION, AND CONSTRUCT PAVED SHOULDERS. <u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR DESIGN.</u>	CONSTRUCTION	FY 2017 - \$1,975,000 (HSIP) FY 2017 - <u>\$2,500,000</u> (STP) \$4,475,000
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STIP DELETIONS**DIVISION 7**

* U-5849 GUILFORD PROJ.CATEGORY DIVISION	AYCOCK STREET, SR 4240 (GATE CITY BOULEVARD) TO SPRING GARDEN STREET IN GREENSBORO. REPLACE RAILROAD OVERPASS AND WIDEN ROADWAY. <u>DELETE AT THE REQUEST OF MPO AND DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - \$366,000 (STP) FY 2018 - \$91,000 (L) FY 2018 - \$44,000 (STP) FY 2018 - \$11,000 (L) FY 2021 - \$1,066,000 (STP) FY 2021 - <u>\$266,000</u> (L) \$1,844,000
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DIVISION 11

* B-5385 CALDWELL PROJ.CATEGORY HWY FUNDS	SR1356 (OLD JOHNS RIVER ROAD), REPLACE BRIDGE 130123 OVER ESTES MILL CREEK. <u>DELETE, WORK TO BE ACCOMPLISHED UNDER 17BP PROGRAM.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$40,000 (HFB) FY 2019 - <u>\$400,000</u> (HFB) \$440,000
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DIVISION 12

* EB-5546 CLEVELAND PROJ.CATEGORY EXEMPT	CONSTRUCT SEGMENT OF GATEWAY TRAIL FROM GALILEE CHURCH ROAD TO BETHLEHEM ROAD. FLAP PROJECT NC FLAP CLVND TRL(1). <u>DELETE AT THE REQUEST OF THE LOCAL GOVERNMENT.</u>	CONSTRUCTION	FY 2016 - \$492,000 (FLAP) FY 2016 - <u>\$123,000</u> (L) \$615,000
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* INDICATES FEDERAL AMENDMENT

Thursday, June 02, 2016

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

ITEM N SUMMARY

ADDITIONS	2 PROJECTS	\$8,020,000
MODIFICATIONS	27 PROJECTS	
DELETIONS	3 PROJECTS	\$2,899,000
	32 PROJECTS	\$5,121,000

* INDICATES FEDERAL AMENDMENT

Thursday, June 02, 2016

NCDOT June 2, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 22 Agreements for approval by the Board of Transportation.

Statewide

North Carolina Department of
Environmental Quality (NCDEQ)
Division of Mitigation Services

This Memorandum of Agreement (MOA) provides for the continued partnership between the Department and the NCDEQ clarifying the roles and responsibilities for mitigation, what constitutes on-site versus off-site mitigation and the required coordination by both parties. The MOA also outlines the ability of NCDOT to purchase mitigation bank credits directly from private mitigation banks and the elevation to senior management for unresolvable issues. This MOA supersedes the 2008 MOA between North Carolina Department of Environmental and Natural Resources (NCDENR) and NCDOT.

North Carolina Department of
Natural and Cultural Resources-
Arts Council
(NCDNCR)

This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to two (2) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.

North Carolina Department of
Natural and Cultural Resources-
Historic Council
(NCDNCR)

This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to one hundred and five (105) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.

North Carolina Department of
Natural and Cultural Resources-
Parks and Recreation
(NCDNCR)

This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to one hundred and ten (110) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.

NCDOT June 2, 2016 Board of Transportation Agenda

Statewide, con't

North Carolina Department of
Natural and Cultural Resources-
State Library
(NCDNCR)

This Agreement is to provide support services for NCDNCR's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to one hundred and ten (110) SAP™ User Licenses within the Agency. The Agency shall provide payment for one hundred percent (100%) of the cost of the work performed by the Department. The estimated amount is \$80,000.

North Carolina Department of
Environmental Quality
Division of Air Quality
C-4903
44003.3.1

This Project consists of the implementation of education and outreach programs through partnerships with local governments and health and environmental advocacy groups. This Supplemental Agreement extends the amount of time for project completion, allows applicable Division of Air Quality staff salaries to be reimbursed, and reduces the amount of funding available for the Project.

North Carolina & Virginia Railroad
Company, LLC
c/o Coastal Region Companies
(NCVA)

This Rail Agreement is a Master Agreement (MA) that details the terms and conditions by which the Department and NCVA will perform improvements upon roads and streets located within the operating right-of-way owned by NCVA. The projects may include improvements to railroad at-grade crossings or to roads and streets encroaching into the railroad right-of-way. Project costs to the Department will be determined on a project by project basis.

North Carolina & Virginia Railroad
Company, LLC dba Chesapeake
and Albemarle Railroad
(CA)

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

Division 1

North Carolina & Virginia Railroad
Company, LLC
(NCVA)
Northampton, Bertie, & Hertford
Counties
P-5600
WBS: 44089

This Rail Agreement provides for the approval of TIGER Discretionary Grant funds and State Mobility Funds to NCVA for track infrastructure improvements necessary to upgrade the rail line (NCVA). The improvements include seventeen (17) miles of track rehabilitation, improvement of eight (8) railroad crossings, and the repair of one (1) bridge. NCVA will perform all phases of the work. The Department will participate in the cost of the work up to \$8,600,000. The estimated cost of the project is \$11,631,000.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 3

New Hanover County
3CR.10651.153

This Project consists of milling and resurfacing roadway, installation of median curb & gutter, and installation of new traffic signal and signal loops along US 17 Business from the intersection of SR 2734 to the intersection of SR 1455 in New Hanover County. The Department's participation amount was \$1,151,100. This Supplemental Agreement is for the Department to provide additional funding in the amount of \$223,260 from Contract Resurfacing funds. Costs which exceed the revised maximum amount of \$1,374,360 shall be the responsibility of the County.

City of Wilmington
New Hanover County
3603.3.02

This Project consists of the construction of a 5-foot concrete sidewalk and ADA improvement on both sides of US 76 (Wooster St.) from the intersection of US 17 (South 3rd Street) to the intersection of 6th Street in Wilmington. The Department's original participation amount was \$100,000. This Supplemental Agreement is for the Department to provide additional funding in the amount of \$13,431 from Transportation Enhancement funds. Costs which exceed the revised maximum amount of \$113,431 shall be the responsibility of the Municipality.

Town of Surf City
Pender County
B-4929
40233.3.1

This Project consists of the replacement of Bridge 16 over the Intracoastal Waterway on NC 50-210. 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 and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$26,316.

Town of Surf City
Pender County
B-4929
40233.3.1

This Project consists of replacement of Bridge 16 over the Intracoastal Waterway on NC 50-210. The Department shall prepare the environmental and/or planning document, Project plans and specifications, construct the Project, and acquire any needed right of way. At the request of the Municipality, the Department shall include in its contract the construction of sidewalks, a multi-use path, and bridge lighting. The Municipality shall reimburse the Department a 20% cost share for actual cost of work on sidewalk. The Department will participate in 80% of the cost share for sidewalk work and 100% of costs for lighting and the multi-use path.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 5

Town of Franklinton
Franklin County
42889

This Rail Agreement provides for the general cleanup of the rail corridor from Dixon Street west and Hicks Street north through the municipal limits. Cleanup will include removal and disposal of all debris, grass mowing, and vegetation control. The Municipality will perform the work. The Department will reimburse the Municipality \$3,200 per year. This Agreement will remain in effect for 5 years (2016-2021). Estimated cost to the Department is \$16,000.

Town of Fuquay-Varina
Wake County
U-5317
45430.1.1
45430.2.1

This Project consists of the new multi-lane facility at NC 55 (North Broad St.) to NC 42 (West Academy St.) in Fuquay-Varina. This Supplemental Agreement is to include the right of way phase. The Department's original participation was \$1,200,000. The Department agrees to participate in additional cost up to a maximum of \$2,950,000 in STPDA funds. The Municipality's original participation was \$300,000. The Municipality agrees to provide an additional \$2,950,000 and any costs that exceed the estimated cost of \$5,900,000.

Town of Wake Forest
Wake County
17BP.5.R.47

This Design-Build Project consists of replacement of Bridge No. 132 across Smith Creek on SR 2052 in Wake Forest. The Project includes greenway, sidewalk along both sides of the Project and a five-lane section from the end of the Project to the Heritage Lake Road intersection. This Supplemental Agreement is to include a right turn lane on Rogers Road and signal revisions at the Heritage Lake Road intersection. The Municipality will pay an additional cost of \$240,300 to fund the additional work.

Town of Holly Springs
Wake County
U-5318
45431.1.1
45431.2.FD1
45431.3.1

This Project consists of intersection realignment at NC 55 (Bypass)/NC 55 (Main Street) and Ralph Stephens Road to Piney Grove-Wilbon Road in Holly Springs. This Supplemental Agreement is to increase the funding for the Project and extend the completion date. The Department's original participation was \$6,984,000. The Department agrees to reimburse the Municipality an additional \$1,700,274 of STPDA funds. The Municipality's original participation was \$1,746,000. The Municipality will provide an additional \$1,700,274 as their local match. This Supplemental Agreement extends the completion date for the Project to October 1, 2018, in lieu of October 1, 2015.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 7

Piedmont Triad Airport Authority
Guildford County
36244.30.19.1

This Project consists of design and construction of a Crossfield Taxiway System connecting Runway 23R to the taxiway bridge over I-73, including the taxiway segments and Taxiway G connector; design and construction for a relocation of the Airport Surveillance Radar (ASR-9), including any necessary work at the existing ASR-9 site; and site preparation and construction at the new ASR site, to allow development for new aeronautical industries at the Piedmont Triad International Airport. The estimated total reimbursement from the Department is \$25,000,000, payable over the next five years at a maximum amount of \$5,000,000 per fiscal year.

Division 10

City of Charlotte
Mecklenburg County
W-5601BJ
50138.1.63
50138.3.63

This Project consists of the widening of I-485 Outer Loop Ramp to North Tryon Street (US 29) and signal modifications. The Municipality shall design and modify the existing signal system between the Outer Loop ramp and North Tryon Street. The Department shall reimburse the Municipality up to \$6,000 for the design and construction of the signal modification.

City of Charlotte
Mecklenburg County
W-5601BI
50138.1.62
50138.3.62

This Project consists of the widening of I-485 Inner Loop Ramp to South Tryon Street (NC 49) and signal modifications. The Municipality shall design and modify the existing signal system between the Inner Loop ramp and South Tryon Street. The Department shall reimburse the Municipality up to \$6,000 for the design and construction of the signal modification.

Greyhound Lines, Inc.
(Greyhound)
Mecklenburg County
P-5705

This Rail Memorandum of Understanding (MOU) jointly engaging the Department and Greyhound establishes the terms between the Parties as to the purchase and sale of land occupied by Greyhound, known as the Greyhound Bus Terminal. The MOU also includes the Department's lease back arrangement to Greyhound of a new facility as part of Charlotte Gateway Station project. The Department and Greyhound will enter into a separate Purchase and Sale Agreement after the completion of Charlotte Gateway Station.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 11

Piedmont & Atlantic Railroad, dba
Yadkin Valley Railroad
(YVRR)
Norfolk Southern Railway
Company, Inc. (NS)
Wilkes County
80000.1.4.30

This Rail Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds to assist YVRR with infrastructure improvements necessary to the railroad. YVRR will perform all phases of the work. The Department will participate in the cost of the project to the extent of 12.5% or up to \$53,693, whichever is less. The estimated cost of the project is \$429,545. As a condition of the Department's participation, YVRR, NS, and the Department will enter into a Contingent Interest Agreement and Instrument for Indebtedness to secure a lien on the project assets for five (5) years.

NCDOT June 2, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 50 Agreements for informational purposes only.

Division 1

Town of Nags Head
Dare 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.

Division 2

Beaufort 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.

City of Greenville
Pitt County
46305.1.2

This Project consists of installation of landscape plantings along US 13 (Memorial Boulevard) from Tar River Bridge to approximately north of SR 1441 (Airport Road). The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Division 3

Town of Belville
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.

City of Wilmington
New Hanover County
U-5534 B
44096.1.3
44096.2.3
44096.3.3

This Project consists of the construction of a public walkway/pier underneath the Heide Trask Drawbridge to provide for a safe crossing for cyclists and pedestrians across US 74 (Wrightsville Avenue) on the mainland side of the drawbridge in Wilmington. This Supplemental Agreement extends the completion date for the Project to October 10, 2018, in lieu of December 31, 2015.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 3, con't.

City of Wilmington
New Hanover County
U-5534 C
44096.1.F4
44096.2.F4
44096.3.F4

This Project consists of the construction of intersection re-alignment improvements at Wrightsville Avenue/Greenville Avenue and including bike lanes and sidewalks along Greenville Avenue from Wrightsville Avenue to Hinton Avenue. This Supplemental Agreement extends the completion date for the Project to January 6, 2019, in lieu of September 30, 2015.

City of Wilmington
New Hanover County
U-5534 F
44096.1.F7
44096.2.F7
44096.3.F7

This Project consists of the design and construction of a multi-use trail on Park Avenue between Audubon Drive and Kerr Avenue in Wilmington. This Supplemental Agreement extends the completion date for the Project to March 11, 2019, in lieu of December 1, 2015.

City of Wilmington
New Hanover County
U-5534 G
44096.1.F8
44096.2.F8
44096.3.F8

This Project consists of the construction of a 10' wide multi-use path along Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Avenue intersection. This Supplemental Agreement extends the completion date for the Project to June 24, 2019, in lieu of September 1, 2016.

City of Wilmington
New Hanover County
U-5534 H
44096.1.F9
44096.2.F9
44096.3.F9

This Project consists of the construction of a 10' wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue. This Supplemental Agreement extends the completion date for the Project to June 24, 2019, in lieu of September 30, 2015.

Onslow County
44801

This Project consists of the construction of sidewalk along the right side of SR 1406 (Piney Green Road), from the end of the proposed bridge approximately at Station 86+31 to approximately Station 97+47, at the intersection with SR 1410 (Halltown Road). The Department shall be responsible for all phases of the Project. The Municipality shall assume responsibility for the sidewalk upon completion of the work.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 4

Town of Smithfield
Johnston County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Tarboro
Edgecombe County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Nashville
Nash County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Division 5

Creative School
Wake County
36249.3635

This Project consists of upgrading the traffic signal at Old Raleigh Road and Apex Peakway. 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.

KRG Parkside II, LLC
Wake County
36249.3636

The Project consists of upgrading the traffic signal at NC 55 and Kit Creek Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,000.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 5, con't.

Town of Apex
Wake County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Cary
Wake County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

City of Durham
Durham County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

City of Raleigh
Wake County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 5, con't.

Town of Butner
Granville County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Louisburg
Franklin County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Wake Forest
Wake County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Division 6

Foresight Development, LLC
Cumberland County
34866.3.FD3

This Project consists of the construction of a right-turn access lane along SR 1003 (Camden Road), in conjunction with TIP Project U-2810C. The Developer shall reimburse the Department the actual cost for the additional work. The estimated cost of the work is \$29,000.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 7

Cook Out Restaurants
Alamance County
36249.3632

This Project consists of providing a traffic signal modification at the intersection of SR 1007 (Mebane Oaks Road) and SR 2186 (Brundage Lane)/SR 2210. The upgrades consist of pedestrian crossing signals and push buttons across the Brundage Lane approach. 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.

Love's Travel Stops and Country
Stores, Inc.
Alamance County
36249.3639

This Project consists of providing a traffic signal installation at the intersection of the main entrance driveway across from Gregory Poole Lane (non-system) and SR 1981. The Project also includes two traffic signal upgrades at the intersections of SR 1981 and I-40/I-85 ramps. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$30,000.

Belleau Wood Development, LLC
Alamance County
36249.3640

This Project consists of providing a traffic signal installation at the intersection of SR 1343 (Martin Street) and SR 1716 (N. Graham-Hopedale Road) and a traffic signal modification at the intersection of US 70 (N. Church Street) and SR 1716. 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 \$10,000.

Piedmont Authority for Regional
Transportation
Alamance, Davie, Davidson,
Forsyth, Guilford, Orange,
Randolph, and Stokes Counties
44526.10.1

This Project consists of planning activities in support of the annual work program for the Regional Travel Demand Model to provide data for the delivery of TIP projects and to meet the MPO Planning requirements for the area. The Department shall participate in twenty-five percent (25%) of the total costs and the Authority and participating MPOs shall provide the remaining costs. Funding will be provided on an annual basis per an approved work program.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 8

Town of Gibson
Scotland County
36249.3637

This Project consists of fabricating, delivering, and installing "Home of Michael Wright, Major League Baseball Player" supplemental signs to the existing "Welcome to Gibson" signs located along NC 79. The Municipality shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$400.

Village of Pinehurst
Moore County
36249.3638

This Project consists of installing an emergency vehicle preemption signal at the intersection of NC 2 and NC 5 in Pinehurst. The Department shall modify the design specifications and furnish the traffic signal equipment. The Municipality shall reimburse the Department 100% of the actual cost of the work performed by the Department. The estimated reimbursement is \$7,503.95.

Chatham County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The County will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

City of Sanford
Lee County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

City of Asheboro
Randolph County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 8, con't.

Town of Southern Pines
Moore County

This Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Division 9

Village of Clemmons
Forsyth County
U-4741PD
39745.3.16

This Project consists of construction of approximately 314 linear feet of 5-ft sidewalk and the installation of two crosswalks on Middlebrook Drive in Clemmons. This Agreement is to extend the completion date of the Project to May 31, 2017 in lieu of May 31, 2014.

City of Winston-Salem
Forsyth County
44610

This Project consists of pedestrian improvements on Cloverdale Avenue and Miller Street in Winston-Salem. The Department shall be responsible for all phases of work. The Department will participate in the actual construction costs up to a maximum amount of \$750,000 in State Contingency funds. Costs which exceed this amount shall be borne by the Municipality. The estimated cost of the Project is \$1,256,000.

Little Diversified Architectural
Consulting, Inc.
Rowan County
36249.3643

This Project consists of the modification to Signal #09-0725 on US 601 at Brenner Road in Rowan County. 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 10

City of Charlotte
Mecklenburg County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 10, con't.

Alliance Preparatory Schools,
Inc.
Mecklenburg County
36249.3641

This Project consists of the modification to an existing traffic signal at the intersection of Eastfield Road (SR 2459) and Browne Road (SR 2480) in Charlotte. 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.

County of Davidson
Mecklenburg County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The County will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

Town of Wadesboro
Anson County

The Memorandum of Agreement (MOA) establishes the terms and conditions for installation, data access, ownership and maintenance of Department specialized pedestrian and cyclists counting equipment, related to the "North Carolina's Non-Motorized Volume Data Program" research project. The Municipality will be responsible for equipment installation and routine maintenance costs through the useful life of the equipment as defined in the agreement.

City of Charlotte
Cabarrus, Cleveland, Gaston,
Iredell, Lincoln, Mecklenburg,
Rowan and Union Counties
44526.10.1

This Project consists of planning activities in support of the annual work program for the Regional Travel Demand Model to provide data for the delivery of TIP projects and to meet the Metropolitan Planning Organization (MPO) planning requirements for the area. The Department shall participate in forty-five percent (45%) of eligible costs, and the participating MPOs shall provide the non-federal match.

Division 11

North Carolina High Country Host
Watauga County
42931

This Project consists of reimbursement of a one-time sum for relocation and/or renovation costs of the Visitor Center in Boone, NC, operated by the High Country Host. The High Country Host will be responsible for all work and will request reimbursement of \$50,000 from the Department from the Special Registration Plate Account.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 12

City of Shelby
Cleveland County
36249.3634

This Project consists of the installation of metal poles with mast arms at the intersection of US 74 Bypass and US 74 Business at the eastern city limits of Shelby. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$7,500.

City of Gastonia
Gaston County
3712.3.19

This Project consists of maintaining the landscape improvements at Exits 19, 20, 21 and NC 7, NC 279 New Hope Road and Cox Road along I-85 in Gastonia. The Department shall develop the landscape design, prepare plans and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Town of Mooresville
Iredell County
3712.3.17

This Project consists of maintaining the landscape improvements on SR 1100 (Brawley School Road) from I-77 to SR 3096 (Forest Lake Road). The Department shall develop the landscape design, prepare plans and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

City of Shelby
Cleveland County
3712.3.18

This Project consists of maintaining the landscape improvements along US 74 Bypass and at the interchange at SR 1105 (Lafayette Street) in Shelby. The Department shall develop the landscape design, prepare plans and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Western Piedmont Council of
Governments
Catawba County
U-5924
44509.1.11
44509.1.26

This Project consists of planning activities for a 5 year comprehensive transportation plan for the Greater Hickory MPO and the Western Piedmont Council of Governments for the annual Unified Planning Work Program. The Department will participate in 80% of eligible costs. The Agency shall provide the 20% non-federal match.

Division 13

Town of Spruce Pine
Mitchell County
44800

This Project consists of resurfacing Harris Street from Greenwood Road to SR 1277 (Laurel Creek Court) in Spruce Pine. The Department shall be responsible for all phases of the project. The Department will provide 50% (\$46,500) in small construction funds towards the costs of the project. The Municipality will provide 50% (\$46,500). The estimated project costs are \$93,000.

NCDOT June 2, 2016 Board of Transportation Agenda

Division 13, con't.

Pilot Travel Center
McDowell County
36249.3642

This Project consists of signal review and inspection for signal improvements at the intersection of SR 1001 (Sugar Hill Road) and the I-40 EB On/Off Ramps. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer will reimburse the Department 100% of the actual costs of the Department's work. The estimated reimbursement is \$7,500.

Land of Sky Regional Council
Buncombe County
U-5616
44509.1.2
44509.1.25

This Project consists of planning activities for a 5 year comprehensive transportation plan for the French Broad River MPO and the Land of Sky Regional Council for the annual Unified Planning Work Program. The Department will participate in 80% of eligible costs. The Agency shall provide the 20% non-federal match.

NCDOT June 2016 Board of Transportation Agenda

Approval of Municipal Street System Changes

Deletions from the State Highway System

Division	County	Municipality	Road	Termini	Length
9	Rowan 2016_06_M002	Granite Quarry	SR 2691	To delete (SR 2691) Charmandy Drive	0.56

NCDOT June 2016 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1
2	Final Right of Way Plans	R-2 & 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 of Surplus Highway Right of Way	R-7

Preliminary Right of Way Plans

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

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

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

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

(Division 2)

Pamlico County; I.D. No. B-4598; Project No. 38426.2.1:
Bridge No. 16 over Mason Creek on SR 1324

(Division 3)

Brunswick County; I.D. No. W-5203I; Project No. 45333.2.9:
SR 1130 over US 17 to NC 130 near Shallotte and Holden Beach

(Division 6)

Robeson County; I.D. No. B-5333; Project No. 46047.2.1:
Bridge No. 173 & 174 over Lumber River Overflow on SR 1500

(Division 7)

Guilford County; I.D. No. B-5345; Project No. 46059.2.1:
Bridge No. 456 over Brush Creek on SR 2136 (Fleming Road)

(Division 9)

Davidson County; I.D. No. B-5165; Project No. 42341.2.1:
Bridge No. 42 over Muddy Creek on SR 1485

PRELIMINARY RIGHT OF WAY PLANS

5 PROJECT(S)

\$0.00

Final Right of Way Plans

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

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

(Division 4)**Project No. 46027.2.1; Wilson County; I.D. No. B-5313:**

Grading, drainage, paving and structure on Bridge No. 109 over Town Creek on SR 1002 with the right of way indicated upon the final plans for said project.

(Division 5)**Project No. 42263.2.1; Wake County; I.D. No. B-5121:**

Grading, drainage, paving, structures, culvert, signals and signing on Bridge No. 227 on US 70/US 401/NC 50 (Capital Boulevard) over Peace Street and Bridge No. 213 on US 70/NC 50 (Wade Avenue) over US 401 (Capital Boulevard) in Raleigh with the right of way indicated upon the final plans for said project.

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

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

(Division 6)**Project No. 45336.2.FD21; Cumberland County; I.D. No. W-5206U:**

Traffic Control and signals on SR 2238 (Sand Hill Road) at SR 2252 (Chicken Foot Road) with the right of way indicated upon the final plans for said project.

Project No. 33727.2.FS1; Cumberland County; I.D. No. B-4490:

Grading, drainage, paving, structures, retaining walls and signals on Bridge No. 116 over CSX Railroad and Norfolk Southern Railroad and Hillsboro Street on NC 24-210 (Rowan Street) with the right of way indicated upon the final plans for said project.

Final Right of Way Plans (continued)

(Division 6) (continued)

Project No. 45336.2.FD26; Cumberland County; I.D. No. W-5206Z:

Grading, drainage, paving, signals and pavement markings on SR 1103 (Galatia Church Rd) at SR 1102 (Gillis Hill Rd) SR 1103 (Galatia Church Rd) at SR 1112 (Stoney Point Rd) and SR 1112 (Stoney Point Rd) at SR 1102 (Gillis Hill Rd) with the right of way indicated upon the final plans for said project.

(Division 7)

Project No. 40152.2.1; Guilford County; I.D. No. B-4961:

Grading, drainage, paving and structure on Bridge No. 208 over Little Alamance Creek (Tributary 5) on SR 3051 (Knox Road) with the right of way indicated upon the final plans for said project.

(Division 8)

Project No. 33712.2.FD1; Chatham County; I.D. No. B-4461:

Grading, drainage, paving and structure on Bridge No. 10 over Shaddox Creek on SR 1916 (Corinth Road) with the right of way indicated upon the final plans for said project.

Project No. 40158.2.1; Hoke/Scotland Counties; I.D. No. B-4967:

Grading, drainage, paving and structure on Bridge No. 8 over Drowning Creek on SR 1412/SR 1203 (Turnpike Road) with the right of way indicated upon the final plans for said project.

(Division 11)

Project No. 42256.2.FD1; Watauga County; I.D. No. B-5118:

Grading, drainage, paving and structure on Bridge No. 55 over Lance Creek on SR 1557 (Shull's Mill Road) with the right of way indicated upon the final plans for said project.

(Division 12)

Project No. 38538.2.2; Iredell County; I.D. No. B-4766:

Grading, drainage, paving and structure on Bridge No. 69 over Rocky Creek on NC 115 with the right of way indicated upon the final plans for said project.

Project No. 42303.2.FD1; Iredell County; I.D. No. B-5142:

Grading, drainage, paving and structure on Bridge No. 57 over Cornelius Creek on SR 1302 with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 46125.2.1; Jackson County; I.D. No. B-5410:

Grading, drainage, paving and structure on Bridge No. 221 over Little Savannah Creek on SR 1367 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 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) 33 as presented at the June 2, 2016 Board of Transportation Meeting.

(Division 5)**Project No. 34745.2.8; I.D. No. U-0071; Durham 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) 5 & 6 as presented at the June 2, 2016 Board of Transportation Meeting.

(Division 6)**Project No. 34866.2.2; I.D. No. U-2810C; Cumberland County:**

Final Right of Way plans approved on the minutes of the March 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 10 & 11 as presented at the June 2, 2016 Board of Transportation Meeting.

Revisions of the Final Right of Way Plans

(Division 9)

Project No. 46139.2.1; I.D. No. W-5316; Rowan County:

Final Right of Way plans approved on the minutes of the March 5, 2015 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 4 as presented at the June 2, 2016 Board of Transportation Meeting.

(Division 10)

Project No. 34811.2.3; I.D. No. U-2507A; Mecklenburg 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) 14A as presented at the June 2, 2016 Board of Transportation Meeting.

(Divisions 13/14)

Project No. 46292.2.1; I.D. No. I-5501; Buncombe/Henderson Counties:

Final Right of Way plans approved on the minutes of the October 3, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 4 as presented at the June 2, 2016 Board of Transportation Meeting.

Approval of conveyance of Highway Right of Way Residues

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

(Division 10)

**Project 8.T671007, Parcels U-0209F 042, 044, and 909, US 74 (Independence Blvd)
Mecklenburg County**

Conveyance of an approximate 3.462-acre residue area to David Sippe for the high bid amount of \$173,002.00

CONVEYANCE ROW RESIDUE

1 PROJECT(S)

\$173,002.00

Approval of conveyance of Surplus Highway Right of Way

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

(Division 10)

Project 32213, P-3800 023, Norfolk Southern Railroad near West 9th Street in Charlotte

Mecklenburg County

Conveyance of an approximate 3.115-acre surplus right of way area to Seaboard Street LLC for the high bid amount of \$1,000,011.00.

CONVEYANCE OF SURPLUS RIGHT OF WAY	1 PROJECT(S)	\$1,000,011.00.00
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<u>R-ITEM SUMMARY</u>	<u>26 PROJECT(S)</u>	<u>TOTAL: \$1,173,013.00</u>
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**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2015 - 2016**

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

There are no Comprehensive Transportation Plans to be presented for approval at the June 2, 2016 Board of Transportation Meeting.

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

Delegated Authority Secretary Tennyson

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

Action Chairman Curran

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

NCDOT Board of Transportation Agenda

ITEM C

February 2016

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

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

PAGE : 1 of 15
ITEM C

C203813
53003.3.1

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

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

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

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

DATE AVAILABLE APR 18 2016
FINAL COMPLETION OCT 27 2017

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

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

PAGE : 2 of 15
ITEM C

C203777
52002.3.1, 52004.3.1

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

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

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

DATE AVAILABLE MAR 28 2016
FINAL COMPLETION OCT 15 2016

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

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

PAGE : 3 of 15
ITEM C

C203778
52005.3.1, 53048.3.1

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

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

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

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

DATE AVAILABLE MAR 28 2016
FINAL COMPLETION OCT 15 2016

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

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

PAGE : 4 of 15
ITEM C

C203817

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

STATE FUNDED
VANCE, WARREN

02/16/2016

PROPOSAL LENGTH 37.211 MILES

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

LOCATION 1 SECTION OF US-158 BUSINESS, 1 SECTION OF US-1, 1 SECTION OF US-158, AND 5 SECTIONS OF SECONDARY ROADS.

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

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

DATE AVAILABLE MAR 28 2016

FINAL COMPLETION NOV 15 2016

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

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

PAGE : 5 of 15
ITEM C

C203816
2016CPT.05.17.10911.1

STATE FUNDED
VANCE

02/16/2016

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

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

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

DATE AVAILABLE MAR 28 2016

FINAL COMPLETION NOV 30 2016

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

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

PAGE : 6 of 15
 ITEM C

C203781
 43741.3.FS1

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

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

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

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

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

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

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

PAGE : 7 of 15
 ITEM C

C203779
 52018.3.1, 53010.3.1

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

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

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

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

DATE AVAILABLE APR 04 2016
 FINAL COMPLETION OCT 29 2017

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

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

PAGE : 8 of 15
ITEM C

C203814
52022.3.1

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

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

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

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

DATE AVAILABLE MAR 28 2016
FINAL COMPLETION SEP 30 2016

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

C203702
 36780.3.GV3

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

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

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

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

DATE AVAILABLE MAR 28 2016
 FINAL COMPLETION NOV 15 2019

QUALITY ADJUSTED PRICE RANKING

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

* DENOTES IRREGULAR BID

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

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

PAGE : 10 of 15
ITEM C

PROPOSAL

PROPOSED COMPLETION
DATE

ZACHRY CONSTRUCTION CORPORATION

AUG 02 2019

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

PAGE : 12 of 15
ITEM C

C203668
42330.3.FD1

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

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

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

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

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

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

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

PAGE : 13 of 15
ITEM C

C203669
42846.3.2

STATE FUNDED
BUNCOMBE
B-5244
02/16/2016

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

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

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

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

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

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

PAGE : 14 of 15
 ITEM C

C203754
 45552.3.1

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

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

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

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

DATE AVAILABLE MAR 28 2016
 FINAL COMPLETION AUG 01 2019

QUALITY ADJUSTED PRICE RANKING

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

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

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

C203752
 43587.3.1

STATE FUNDED
 TRANSYLVANIA
 R-5605
 02/16/2016

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

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

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

DATE AVAILABLE MAR 28 2016

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

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

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

NCDOT March 2016
Board of Transportation Agenda

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

Professional Services Management

Technical Services

Project Development and Environmental Analysis – Project Development

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

DIVISION 9

Project: 50195.1.1 (R-5737) Davidson County
US 29/US 70/Business 85 at SR 1798 (Old Greensboro Road) – Convert At-Grade Intersection to Interchange

Scope of Work: Preparation of the Environmental Document (State EA/FONSI or a Federal CE)

Estimated Construction Cost: \$15,000,000.00

Firm: Dewberry Engineers, Inc., Raleigh, NC

Maximum Engineering Fee: \$500,000.00

SPSF Utilization: Patriot Transportation Engineering, PLLC
\$100,000.00
20%

DBE/WBE/SPSF Utilization: Planning Communities, LLC \$75,000.00
15%

DIVISION 10

Project: 44381.1.1 (U-5808) Union County
SR 1362 (Chestnut Lane Connector) from SR 1367 (Matthews Indian Trail Road) to SR 1368 (Gribble Road) – Construct Road on New Location

Scope of Work: Preparation of an Environmental Document (State EA/FONSI)

Estimated Construction Cost: \$3,400,000.00

Firm: Mead & Hunt, Inc., Raleigh, NC

Maximum Engineering Fee: \$500,000.00

DBE/WBE/SPSF Utilization: Ecological Engineering, LLP \$15,000.00
3%

DBE/MBE/SPSF Utilization: Neighborhood Solutions, LLC \$10,000.00
2%

March 3, 2016

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

STATEWIDE

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

Project Development and Environmental Analysis – Natural Environmental

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

STATEWIDE

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

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Atkins North America, Inc., Raleigh, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$600,000.00
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$60,000.00 10%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Carolina Ecosystems, Inc., Clayton, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

March 3, 2016

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

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

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

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

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

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

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

Roadway Design

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

DIVISION 11

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

Design-Build

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

STATEWIDE

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

March 3, 2016

Transit

Public Transportation Division

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

STATEWIDE

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

Turnpike Authority

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

DIVISION 1

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

State Asset Management

Pavement Management

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

STATEWIDE

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

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

Management Systems and Assessments

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

STATEWIDE

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

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

March 3, 2016

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

Chief Engineer

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services on an as needed basis for various federal-aid and state funded projects to support Divisions 1, 2, 3, 4, and 6. These contracts will expire two (2) years, with an optional one (1) year extension possible, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

Divisions 1-4, and 6

Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	Atkins North America, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Alpha & Omega Group, PC \$150,000.00 5%
SPSF Utilization:	Coastal Carolina Research, Inc. \$60,000.00 2%
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC \$210,000.00 7%
SPSF Utilization:	Clearbox Forecast Group, PLLC \$120,000.00 4%
DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP \$60,000.00 2%
SPSF Utilization:	Falcon Engineering, Inc. \$150,000.00 5%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC \$60,000.00 2%
Description of Work:	Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm:	CDM Smith, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Carolina Land Acquisitions, Inc. \$30,000.00 1%
SPSF Utilization:	Environmental Services, Inc. \$90,000.00 3%
SPSF Utilization:	So-Deep US, PC \$90,000.00 3%

March 3, 2016

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

March 3, 2016

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

Description of Work: Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm: The Louis Berger Group, Inc., Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
DBE/MBE/SPSF Utilization: Accelerate Engineering, PLLC \$60,000.00
2%
SPSF Utilization: American Engineering Associates Southeast, PA \$120,000.00
4%
DBE/WBE/SPSF Utilization: CH Engineering, PLLC \$150,000.00
5%
DBE/MBE/SPSF Utilization: Mekuria Engineering, Inc. \$60,000.00
2%
DBE/SPSF Utilization: MI Engineering, PLLC \$180,000.00
6%
DBE/WBE/SPSF Utilization: Planning Communities, LLC \$90,000.00
3%
SPSF Utilization: Sungate Design Group, PA \$240,000.00
8%

Description of Work: Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm: Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: Sungate Design Group, PA \$450,000.00
15%
SPSF Utilization: Hinde Engineering, Inc. \$60,000.00
2%
SPSF Utilization: Ramey Kemp & Associates, Inc. \$60,000.00
2%
SPSF Utilization: Southeastern Right of Way, LLC \$60,000.00
2%
DBE/WBE/SPSF Utilization: Dovetail Cultural Resource Group, Inc. \$60,000.00
2%

Description of Work: Divisions 1, 2, 3, 4, and 6 Planning and Design Limited Services
Firm: Mulkey Engineers & Consultants, Inc., Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: 100%

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

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

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

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

March 3, 2016

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

March 3, 2016

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

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

DIVISIONS 10-14

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

NCDOT March 2016 Board of Transportation Agenda

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

Secondary Road Improvement Projects (Highway and Trust Funds)

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

Closings

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

Deletions

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

March 2016 Item E Summary:

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

March 3, 2016

NCDOT March 2016 Board of Transportation Agenda

Road Additions:

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

March 3, 2016

NCDOT March 2016 Board of Transportation Agenda

Road Additions:

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

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

Correction:

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

March 3, 2016

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

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

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

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

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

Deletion:

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

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

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

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

		Capital	
		\$ 300,000	Total
		\$ 240,000	Federal
		\$ 30,000	State
5	17-ED-910 Kerr-Tar Regional Council of Governments will use the funds for continuing a Mobility Management Program and purchasing transportation from Kerr Area Transit System for seniors and disabled individuals in Franklin, Granville, Vance, Person, and Warren County to access medical appointments, human service agency visits, educational opportunities and employment opportunities by a 5310 Grant that will expire 6/30/16. The Mobility Manager will coordinate transportation services with human service organizations and other agencies that provide travel and trip planning, and support transportation with ride sharing and volunteer programs.	\$ 30,000	Local
		Mobility	
		\$ 92,445	Total
		\$ 73,956	Federal
		\$ 9,244	State
		\$ 9,245	Local
		Capital	
7	17-ED-088 Caswell County will use funds to continue providing out-of-county medical transit services for elderly and disabled citizens. Services will be purchased from the Caswell County Area Transportation System and private providers in the county.	\$ 15,000	Total
		\$ 12,000	Federal
		\$ 1,500	State
		\$ 1,500	Local
		Capital	
7	17-ED-929 the City of Eden will use funds to purchase transit services from Aging, Disabilities and Transportation Services of Rockingham County (ADTS), the community transportation system for seniors and individuals with disabilities in Rockingham County. These citizens utilize the deviated fixed route operating in Eden.	\$ 131,250	Total
		\$ 105,000	Federal
		\$ 13,125	State
		\$ 13,125	Local
		Capital	
7	17-ED-930 the City of Reidsville will use funds to purchase transit services from Aging, Disabilities and Transportation Services of Rockingham County (ADTS), which is the community transportation system for seniors and individuals with disabilities in Rockingham County. Qualifying citizens use the deviated fixed route that operates in Reidsville.	\$ 120,000	Total
		\$ 96,000	Federal
		\$ 12,000	State
		\$ 12,000	Local
		Operating	
7	17-ED-049 Guilford County (operating as Transportation and Management Services of Guilford) will continue to serve seniors who need transportation to nutrition sites and adult daycare centers. Additional trips for the elderly and disabled connect to rural areas of the county not connected to transportation services.	\$ 202,000	Total
		\$ 101,000	Federal
		\$ -	State
		\$ 101,000	Local
		Capital	
7	17-ED-931 the Town of Stoneville will use the funds to purchase services from Aging, Disabilities and Transportation Services of Rockingham County (ADTS) which is the community transportation system for seniors and individuals with disabilities who ride on the deviated fixed route operating in Stoneville and Rockingham County.	\$ 97,750	Total
		\$ 78,200	Federal
		\$ 9,775	State
		\$ 9,775	Local

		Operating	
	17-ED-041 Alamance County Transportation Authority will use operating funds to continue providing service to the medical and non-medical elderly and disabled population of Alamance County. Capital funds are proposed to upgrade ACTA's fleet by replacing 3 vehicles that have met useful life and are used to provide transit services for citizens in the small urbanized and rural areas of the County. Additionally, these vehicles will be used to provide coordinated transit services for seniors and individuals with disabilities. The larger Operating funds will be used to support the expanded service that was launched in 2013 that continues to add new riders, using ROAP Elderly and Disabled and Dial-a-Ride funds as a match.	\$ 120,053	Total
7		\$ 60,026	Federal
		\$ -	State
		\$ 60,027	Local
		Operating	
		\$ 455,183	Total
		\$ 227,591	Federal
		\$ -	State
		\$ 227,592	Local
		Capital	
	17-ED-058 Aging, Disabilities and Transportation Services (ADTS) of Rockingham County will use Capital funds to continue purchasing transportation services for developmentally disabled and seniors.	\$ 107,500	Total
7		\$ 86,000	Federal
		\$ 10,750	State
		\$ 10,750	Local
		Capital	
	17-ED-026 Davidson County will use the Capital funds to purchase direct transit service for the County's Senior Service clients. This service will expand the quantity and quality of transportation services offered to seniors in Davidson County. These funds will be managed by the Senior Services Department of the County and services will be purchased from the community transportation system and various private providers in the county.	\$ 250,000	Total
7		\$ 200,000	Federal
		\$ 25,000	State
		\$ 25,000	Local
		Capital	
	17-ED-918 The Workshop of Davidson will use Capital funds to continue purchasing transit services for developmentally disabled clients in Davidson County who require transportation to vocational training, employment, and compensatory educational opportunities. The services will be purchased from the Davidson County Transportation System.	\$ 160,000	Total
7		\$ 128,000	Federal
		\$ 16,000	State
		\$ 16,000	Local
		Mobility Management	
		\$ 44,933	Total
		\$ 35,946	Federal
		\$ 4,493	State
		\$ 4,494	Local
		Operating	
	17-ED-031 Yadkin Valley Economic Development District Inc. (operating as YVEDDI) will continue to use Mobility funds to employ existing Mobility staff to manage the implementation of the One-Stop Call Center Management concept and a volunteer driver program. Operating funds will be used to provide transit services where, due to lack of funding, service is not provided or there are not enough trips available. The service areas for the project will be Davie, Stokes, Surry and Yadkin counties.	\$ 124,000	Total
7		\$ 62,000	Federal
		\$ -	State
		\$ 62,000	Local
		Capital	
	17-ED-923 Chatham County Council on Aging will use the funds for continuing to purchase transportation services funded by a 5310 grant that will expire 6/30/16 for seniors and disabled individuals in Chatham County to access nutrition site senior centers, medical appointments, pharmacy, banking, legal, and grocery shopping through the Council on Aging's Congregate Transportation Program/Project Health Rides.	\$ 310,000	Total
8		\$ 248,000	Federal
		\$ 31,000	State
		\$ 31,000	Local

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

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

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

		Operating
		\$ 153,500 Total
		\$ 76,750 Federal
		\$ - State
		\$ 76,750 Local
		Capital
		\$ 67,295 Total
		\$ 53,836 Federal
		\$ 6,729 State
		\$ 6,730 Local
		Operating
		\$ 90,359 Total
		\$ 45,179 Federal
		\$ - State
		\$ 45,180 Local
		Operating
		\$ 114,188 Total
		\$ 57,094 Federal
		\$ - State
		\$ 57,094 Local
		Operating
		\$ 163,648 Total
		\$ 81,824 Federal
		\$ - State
		\$ 81,824 Local
		Capital
		\$ 100,000 Total
		\$ 80,000 Federal
		\$ 10,000 State
		\$ 10,000 Local
		Capital
		\$ 70,363 Total
		\$ 56,290 Federal
		\$ 7,036 State
		\$ 7,037 Local
		Operating
		\$ 68,969 Total
		\$ 34,484 Federal
		\$ - State
		\$ 34,485 Local
14	17-ED-027 Macon County will use operating funds to increase elderly and disabled transportation and improve service. They will use capital funds to replace vehicles used to provide elderly and disabled transportation.	
14	17-ED-932 Land-of-Sky Regional Council will use operating funds to increase elderly transportation.	
14	17-ED-070 Mountain Projects will use operating funds to increase elderly and disabled transportation and improve service.	
14	17-ED-033 Polk County will use operating funds to increase elderly and disabled transportation and improve community transportation service.	
14	17-ED-967 Rutherford Life Services will use capital funds to purchase transportation service from Rutherford County Transit for elderly and disabled transportation.	
14	17-ED-968 Rutherford County Senior Center will use capital funds to purchase transportation service from Rutherford County Transit for elderly and disabled transportation.	
14	17-ED-032 Swain County Focal Point on Aging will use operating funds to increase elderly and disabled transportation and improve service.	

			Operating
		\$ 70,416	Total
14	17-ED-022 Western Carolina Community Action will use operating funds to increase elderly and disabled transportation and improve service.	\$ 35,208	Federal
		\$ -	State
		\$ 35,208	Local
			Capital
		\$ 485,028	Total
1, 6, 8, 9,10	17-ED-913 Monarch will use funds to contract with local public transportation providers for safe, reliable transportation for individuals with intellectual and developmental disabilities traveling to/from Monarch's program sites in 6 rural service areas (Davie, Columbus, Moore, Robeson, Stanly, NE Region). The programs provide individuals access to therapeutic services, employment services, work, social interaction, & community involvement.	\$ 388,022	Federal
		\$ 48,502	State
		\$ 48,504	Local
			Mobility
		\$ 138,990	Total
9, 10, 12	17-ED-912 The Centralina Council of Governments (CCOG) will use the funds to continue operation of its Mobility Management Agency (MMA) for a nine-county region. The MMA provides a range of outreach and training activities and a one-call/one-click center for answering questions on transportation services residents are eligible to receive. The service is designed to address unmet needs in the rural and small urban areas of the region.	\$ 111,192	Federal
		\$ 13,899	State
		\$ 13,899	Local
Statewide	NCDOT-PTD State Administration - The Public Transportation Division will provide subrecipient monitoring and oversight and provide technical assistance in the development of projects and plans for small urban and rural areas.	\$415,499	Total
		\$415,499	Federal
	5311 Community Transportation Program		
			Administrative
		\$ 436,989	Total
		\$ 349,591	Federal
		\$ 21,849	State
1	17-CT-005 Albemarle Regional Health Services will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (1) 20' LTV w/Lift; (2) 25' LTV w/Lift; (1) 22' LTV w/Lift and the lettering and logos for each vehicle. In addition, propane conversion kits and building surveillance upgrade equipment will be purchased.	\$ 65,549	Local
			Capital
		\$ 310,745	Total
		\$ 248,596	Federal
		\$ 31,074	State
		\$ 31,075	Local
			Administrative
		\$ 127,952	Total
		\$ 102,361	Federal
		\$ 6,397	State
1	17-CT-048 Dare County will use the Admin funds to maintain the transportation office and provide community transportation services to the general public. The Capital funds will be used to replace (4) Lift-equipped, High-top vehicles and the lettering and logos for the vehicles.	\$ 19,194	Local
			Capital
		\$ 235,200	Total
		\$ 188,160	Federal
		\$ 23,520	State
		\$ 23,520	Local

1 **17-CT-066 Washington County** dba Riverlight Transit will use the Admin funds to maintain the transportation office and provide the demand-response service to residents of Washington and Tyrrell counties. The Capital funds will be used to purchase (8) GPS units to install in the vehicles.

Administrative		
\$	88,914	Total
\$	71,131	Federal
\$	4,445	State
\$	13,338	Local
Capital		
\$	1,280	Total
\$	1,024	Federal
\$	128	State
\$	128	Local

1 **17-CT-067 Gates County** (operating as Gates County Inter-Regional Transportation System) provides community transportation services to human service agencies and the general public. The system will use the Administrative funds requested to continue providing those services. The Capital funds will be used to purchase a High-top w/o Lift replacement vehicle and logo and lettering. The Capital funds will also be used to purchase a new copier and (2) hand-held radio units.

Administrative		
\$	136,000	Total
\$	108,800	Federal
\$	6,800	State
\$	20,400	Local
Capital		
\$	68,400	Total
\$	54,720	Federal
\$	6,840	State
\$	6,840	Local

1 **17-CT-028 Martin County** will use the Administrative funds to maintain the office activities and to provide the transportation services needed by the residents. The Capital budget is requested to purchase replacement office furniture (1 desk, 2 task chairs) and for facility improvements to pave a parking lot and provide security fencing and surveillance cameras.

Administrative		
\$	180,467	Total
\$	144,373	Federal
\$	9,023	State
\$	27,071	Local
Capital		
\$	148,864	Total
\$	119,091	Federal
\$	14,886	State
\$	14,887	Local

1 **17-CT-025 Hyde County Non-Profit Private Transportation Corporation** will use the Admin funds to pay for salary and benefits for the transit director and assistant director, and to pay expenses and make purchases to support the program.

Administration		
\$	99,753	Total
\$	79,802	Federal
\$	4,987	State
\$	14,964	Local

1 **17-HS-065 Tyrrell County** will use the Admin funds to provide transportation services for the Senior Center patrons. The transportation services enhance the quality of life for the senior citizens by allowing them to continue going to places for social and recreational activities, nutrition centers, and to take care of their daily needs.

Administrative		
\$	22,037	Total
\$	-	Federal
\$	18,731	State
\$	3,306	Local

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

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

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

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

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

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

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

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

2 **17-CT-034 Lenoir County** will use administrative funds for providing transportation to medical appointments, employment, and educational opportunities. They will use capital funds to replace one vehicle (Lift-Equipped High-top van), purchase office chairs, shredder, vehicle lettering and logos.

Administrative		
\$	275,422	Total
\$	220,337	Federal
\$	13,771	State
\$	41,314	Local
Capital		
\$	60,350	Total
\$	48,280	Federal
\$	6,035	State
\$	6,035	Local

2 **17-CT-064 Pitt County** will use administrative funds for salaries of administrative staff and office related expenses in operating a transportation system in Pitt County. This system provides transportation for clients under Medicaid, Council on Aging, ECVV, Vocational Rehabilitation, and GREAT Bus, RGP, Employment and other agencies.

Administrative		
\$	160,947	Total
\$	128,757	Federal
\$	8,047	State
\$	24,143	Local

3 **17-CT-012 Duplin County** will use administrative funds for providing community transportation services to human service agencies and to the general public. They will also use the administrative funds to cover vehicle insurance, office supplies, marketing, utilities, and all other approved administrative costs. They will use capital funds to replace two lift-equipped vans, an office chair, and vehicle lettering/logos.

Administrative		
\$	209,335	Total
\$	167,468	Federal
\$	10,466	State
\$	31,401	Local
Capital		
\$	118,000	Total
\$	94,400	Federal
\$	11,800	State
\$	11,800	Local

3 **17-CT-069 Pender Adult Services Inc.** will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (1) 20' LTV w/Lift and the lettering and logos for each vehicle. Funds will also be used for security camera for administration facility.

Administrative		
\$	165,186	Total
\$	132,148	Federal
\$	8,259	State
\$	24,779	Local
Capital		
\$	66,061	Total
\$	52,848	Federal
\$	6,606	State
\$	6,607	Local

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

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

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

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

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

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

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

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

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

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

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

6 **17-CT-053 Bladen County** will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (2) 20' LTV w/Lift and the lettering and logos for each vehicle. Additional funding will be used for the purchase of a Personal Computer and software.

Administrative		
\$	126,827	Total
\$	101,461	Federal
\$	6,341	State
\$	19,025	Local
Capital		
\$	106,178	Total
\$	84,942	Federal
\$	10,617	State
\$	10,619	Local

6 **17-CT-076 Columbus County** will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (2) 20' LTV w/Lift; and (1) van/crossover and the lettering and logos for each vehicle.

Administrative		
\$	183,348	Total
\$	146,678	Federal
\$	9,167	State
\$	27,503	Local
Capital		
\$	135,100	Total
\$	108,080	Federal
\$	13,510	State
\$	13,510	Local

6 **17-CT-044 Cumberland County Community Transportation Program** will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation.

Administrative		
\$	132,078	Total
\$	105,662	Federal
\$	6,603	State
\$	19,813	Local

6 **17-CT-040 County of Harnett** will use the grant funding to provide Administrative support to the public transportation program. These services enhance passengers' accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation. The Capital funds will be used to purchase vehicles: (1) HTV wo/Lift; and the lettering and logos for the vehicle.

Administrative		
\$	275,446	Total
\$	220,356	Federal
\$	13,772	State
\$	41,318	Local
Capital		
\$	57,000	Total
\$	45,600	Federal
\$	5,700	State
\$	5,700	Local

6 **17-CT-074 Robeson County** (South East Area Transportation System) will use the grant funding to provide Administrative support to the public transportation program. These services enhance passenger's accessibility in the rural areas to health care, shopping, education, employment, public services, and recreation.

Administrative		
\$	362,251	Total
\$	289,800	Federal
\$	18,112	State
\$	54,339	Local

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

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

8

17-CT-061 Lee County will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds to replace one vehicle that has met useful life with one lift equipped 20' Light Transit Vehicle.

Administrative		
\$	172,145	Total
\$	137,716	Federal
\$	8,607	State
\$	25,822	Local
Capital		
\$	58,450	Total
\$	46,760	Federal
\$	5,845	State
\$	5,845	Local

8

17-CT-050 Chatham Transit Network will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds to replace four vehicles that have met useful life with two 20' lift equipped Light Transit Vehicles, one lift equipped 22' Light Transit Vehicle, and one lift equipped 28' Light Transit Vehicle.

Administrative		
\$	234,244	Total
\$	187,395	Federal
\$	11,712	State
\$	35,137	Local
Capital		
\$	270,880	Total
\$	216,704	Federal
\$	27,088	State
\$	27,088	Local

9

17-CT-026 Davidson County (operating as Davidson County Transportation System) will continue to use Administrative funds to provide coordinated community transportation services to human service agencies and to the general public. These transit services will allow citizens access to medical appointments, employment and nutritional centers.

Administrative		
\$	170,666	Total
\$	78,506	Federal
\$	66,559	State
\$	25,601	Local

9

17-CT-011 Anson County (operating as Anson County Transportation System) provides community transportation services to human service agencies and to the general public. Capital funding replaces three (3) 20' LTVs and one (1) LTV with Wheelchair Lift.

Administrative		
\$	204,110	Total
\$	163,288	Federal
\$	10,205	State
\$	30,617	Local
Capital		
\$	225,150	Total
\$	180,120	Federal
\$	22,515	State
\$	22,515	Local

9 **17-CT-037 Rowan County** (operating as Rowan Transit System - RTS) will use administrative funds to support the provision of community transportation services to human service agencies and to the general public countywide. Capital funding replaces one (1) high top vehicle without lift and five (5) lift equipped high top replacement vehicles.

Administrative		
\$	175,367	Total
\$	140,293	Federal
\$	8,768	State
\$	26,306	Local
Capital		
\$	347,000	Total
\$	277,600	Federal
\$	34,700	State
\$	34,700	Local

9 **17-CT-003-The City of Salisbury** (Salisbury Transit) provides a fixed route service and complimentary ADA Paratransit mobility option to the general public in the cities of Salisbury, Spencer, and East Spencer. Administrative funding supports the Transit Dispatcher and Transit Division Manager positions. Capital funds will be used to replace two (2) Lift Equipped High Top Vans and one (1) 22' LTV Vehicles with wheelchair lift.

Administrative		
\$	138,988	Total
\$	-	Federal
\$	118,139	State
\$	20,849	Local
Capital		
\$	87,804	Total
\$	-	Federal
\$	79,023	State
\$	8,781	Local

10 **17-CT-042 Cabarrus County** (operating as Cabarrus County Transportation Services - CCTS) will use administrative funds to support the provision of community transportation services to human service agencies and to the general public countywide. CCTS also provides ADA paratransit service for the City of Concord. Capital funding will replace five (5) 20' LTVs w/lifts.

Administrative		
\$	272,000	Total
\$	122,400	Federal
\$	108,800	State
\$	40,800	Local
Capital		
\$	290,000	Total
\$	232,000	Federal
\$	29,000	State
\$	29,000	Local

10 **17-CT-051- Mecklenburg County** (operating as Mecklenburg Transportation System) will use administrative funds for the provision of community transportation services to human service agencies and to the general public. Capital expenditures include four (4) replacement 25' LTV w/lift) and associated costs.

Administrative		
\$	168,077	Total
\$	134,461	Federal
\$	8,403	State
\$	25,213	Local
Capital		
\$	607,000	Total
\$	485,600	Federal
\$	60,700	State
\$	60,700	Local

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

11	<p>17-CT-007 AppalCART will use the funds to provide fixed route bus service in the Boone Area serving the general public and Appalachian State University, provides county wide demand response service, and contracts with the Department of Social Services to provide Medicaid eligible transportation within and beyond Watauga County. The Administrative Grant funds the overhead needs to include administrative staff, Insurance for facility and vehicles, utilities, audit, repairs and maintenance of buildings, marketing. Operating: AppalCART receives a Community Transportation Grant to provide fixed route bus service in the Boone Area serving the general public and Appalachian State University, provides county wide demand response service, and contracts with the Department of Social Services to provide Medicaid eligible transportation within and beyond Watauga County. This funding cover a portion of the operating costs associated with these services.</p>	<p>Administrative</p> <p>\$ 468,305 Total \$ 374,644 Federal \$ 23,415 State \$ 70,246 Local</p> <p>Operating</p> <p>\$ 2,385,866 Total \$ 453,314 Federal \$ - State \$ 1,932,552 Local</p>
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11	<p>017-CT-014 Ashe County Transportation Authority will use the 5311 Administrative funds to subsidize Community Transportation Service for citizens of Ashe County. These administrative funds make it possible to maintain an office facility in which service is rendered from and aids in funding salaries that provide admin functions pertinent to maintaining a transit system. Capital: These funds will be used for the purchase of 4 replacement vehicles. The benefits from these funds will make it possible to sustain a community transportation program which provides a much needed service to the citizens of Ashe County.</p>	<p>Administrative</p> <p>\$ 195,404 Total \$ 156,323 Federal \$ 9,770 State \$ 29,311 Local</p> <p>Capital</p> <p>\$ 204,000 Total \$ 163,200 Federal \$ 20,400 State \$ 20,400 Local</p>
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11	<p>17-CT-016 Avery County Transportation Authority will use the fund to ensure the administrative staff salaries and operations budget of the Avery County Transportation Authority remains intact in order to operate our community transportation system for the citizens of Avery County. Capital: These funds will be used to replace one vehicle that has met its useful life as well as replacement computers and office furniture.</p>	<p>Administrative</p> <p>\$ 226,600 Total \$ 181,280 Federal \$ 11,330 State \$ 33,990 Local</p> <p>Capital</p> <p>\$ 40,851 Total \$ 32,680 Federal \$ 4,085 State \$ 4,086 Local</p>
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11	<p>17-CT-066 Wilkes Transportation Authority will use the funds to provide public transportation for the citizens of Wilkes County. These trips consist of medical trips, shuttle trips, and rural general public trips. Capital: The funds will purchase one (1) vehicle that has met its useful life.</p>	<p>Administrative</p> <p>\$ 228,282 Total \$ 182,625 Federal \$ 11,414 State \$ 34,243 Local</p> <p>Capital</p> <p>\$ 29,500 Total \$ 23,600 Federal \$ 2,950 State \$ 2,950 Local</p>
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		Administrative
		\$ 298,232 Total
		\$ 238,585 Federal
		\$ 14,911 State
		\$ 44,736 Local
		Capital
		\$ 481,055 Total
		\$ 384,844 Federal
		\$ 48,105 State
		\$ 48,106 Local
		Administrative
		\$ 352,127 Total
		\$ 190,148 Federal
		\$ 109,159 State
		\$ 52,820 Local
		Administrative
		\$ 201,478 Total
		\$ 161,182 Federal
		\$ 10,073 State
		\$ 30,223 Local
		Capital
		\$ 377,000 Total
		\$ 301,600 Federal
		\$ 37,700 State
		\$ 37,700 Local
		Administrative
		\$ 218,163 Total
		\$ 174,530 Federal
		\$ 10,908 State
		\$ 32,725 Local
		Capital
		\$ 189,951 Total
		\$ 151,960 Federal
		\$ 18,994 State
		\$ 18,997 Local

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

13 **17-CT-018 Madison County Transportation Authority** will use the administrative funds to continue to provide community transportation services to the general public as well as human service agencies in Madison County. Capital: The funds will be used to purchase seven (7) cell phones.

Administrative		
\$	131,684	Total
\$	105,347	Federal
\$	6,584	State
\$	19,753	Local
Capital		
\$	210	Total
\$	168	Federal
\$	21	State
\$	21	Local

13 **17-CT-010 Mitchell County Transportation Authority** will use the 5311 Administrative funds to subsidize Community Transportation Service for citizens of Mitchell County. These administrative funds make it possible to maintain an office facility in which service is rendered from and aids in funding salaries that provide administrative functions pertinent to maintaining a transit system. Capital funds will be used to replace one (1) vehicle that has met useful life as well as office and facility furniture and equipment that have met useful life.

Administrative		
\$	181,696	Total
\$	145,356	Federal
\$	9,084	State
\$	27,256	Local
Capital		
\$	37,059	Total
\$	29,647	Federal
\$	3,705	State
\$	3,707	Local

13 **17-CT-009 Yancey County Transportation Authority** will use the funds to help support the administrative activities that allow continues community transportation services to human service agencies as well as the general public of Yancey County. Capital: These funds will be used to replace two (2) vehicles that have met their useful life.

Administrative		
\$	144,953	Total
\$	115,962	Federal
\$	7,247	State
\$	21,744	Local
Capital		
\$	88,800	Total
\$	71,040	Federal
\$	8,880	State
\$	8,880	Local

14 **17-CT-002 Buncombe County** will use administrative funds for providing community transportation. Buncombe County will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of four light transit vehicles and 5 vans and other capital expenses.

Administrative		
\$	351,562	Total
\$	165,234	Federal
\$	133,593	State
\$	52,735	Local
Capital		
\$	544,315	Total
\$	209,016	Federal
\$	280,866	State
\$	54,433	Local

14 **17-CT-019 Cherokee County** will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for two lift equipped vans and baseline technology.

Administrative		
\$	176,966	Total
\$	141,572	Federal
\$	8,848	State
\$	26,546	Local
Capital		
\$	117,000	Total
\$	93,600	Federal
\$	11,700	State
\$	11,700	Local

14 **17-CT-020 Clay County** will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of one minivan.

Administrative		
\$	180,000	Total
\$	144,000	Federal
\$	9,000	State
\$	27,000	Local
Capital		
\$	29,230	Total
\$	23,384	Federal
\$	2,923	State
\$	2,923	Local

14 **17-CT-021 Eastern Band of Cherokee Indians** will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of two minivans and other capital expenses.

Administrative		
\$	117,304	Total
\$	93,843	Federal
\$	5,865	State
\$	17,596	Local
Capital		
\$	104,950	Total
\$	83,960	Federal
\$	10,495	State
\$	10,495	Local

14 **17-CT-079 Graham County** will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of one light transit vehicle and baseline technology.

Administrative		
\$	148,741	Total
\$	118,992	Federal
\$	7,437	State
\$	22,312	Local
Capital		
\$	61,171	Total
\$	48,936	Federal
\$	6,117	State
\$	6,118	Local

14 **17-CT-060 Jackson County** will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for of two lift equipped vans and two minivans.

Administrative		
\$	188,534	Total
\$	150,827	Federal
\$	9,426	State
\$	28,281	Local
Capital		
\$	193,590	Total
\$	154,872	Federal
\$	19,359	State
\$	19,359	Local

14 **17-CT-027 Macon County** will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of two light transit vehicles, one minivan and two lift equipped vans.

Administrative		
\$	189,529	Total
\$	151,623	Federal
\$	9,476	State
\$	28,430	Local
Capital		
\$	311,479	Total
\$	249,183	Federal
\$	31,147	State
\$	31,149	Local

14 **17-CT-070 Mountain Projects** will use administrative funds for providing community transportation services to human service agencies and to the general public. They will use capital funds for vehicle replacement of two vans and technology improvements.

Administrative		
\$	206,573	Total
\$	107,417	Federal
\$	68,169	State
\$	30,987	Local
Capital		
\$	117,400	Total
\$	93,920	Federal
\$	11,740	State
\$	11,740	Local

14 **17-CT-033 Polk County** will use administrative funds for providing community transportation services to human service agencies and to the general public. The capitals funds will be used for replacement vehicles including two lift equipped vans and other capital expenses.

Administrative		
\$	209,225	Total
\$	167,380	Federal
\$	10,461	State
\$	31,384	Local
Capital		
\$	117,920	Total
\$	94,336	Federal
\$	11,792	State
\$	11,792	Local

		Administrative
		\$ 199,942 Total
		\$ 159,953 Federal
		\$ 9,997 State
		\$ 29,992 Local
		Capital
		\$ 186,340 Total
		\$ 149,072 Federal
		\$ 18,634 State
		\$ 18,634 Local
		Administrative
		\$ 127,131 Total
		\$ 101,704 Federal
		\$ 6,356 State
		\$ 19,071 Local
		Administrative
		\$ 176,986 Total
		\$ 141,588 Federal
		\$ 8,849 State
		\$ 26,549 Local
		Capital
		\$ 54,429 Total
		\$ 43,543 Federal
		\$ 5,442 State
		\$ 5,444 Local
		Administrative
		\$ 257,698 Total
		\$ 206,158 Federal
		\$ 12,884 State
		\$ 38,656 Local
		Capital
		\$ 167,400 Total
		\$ 133,920 Federal
		\$ 16,740 State
		\$ 16,740 Local
		Operating
		\$ 56,181 Total
		\$ 28,090 Federal
		\$ - State
		\$ 28,091 Local
14	17-CT-068 Rutherford County will use administrative funds for providing community transportation services to human service agencies and to the general public. The capital funds will be used for replacement of three lift equipped high top vans and other capital expenses.	
14	17-CT-032 Swain County Focal Point on Aging will use administrative funds for providing community transportation services to human service agencies and to the general public.	
14	17-CT-057-Transylvania County will use administrative funds for providing community transportation services to human service agencies and to the general public. The capital funds will be used for replacement of one van.	
14	17-CT-022 Western Carolina Community Action will use administrative funds for providing community transportation services to human service agencies and to the general public. Capital Funds will be used for replacement of two vans and one lift equipped van. Operating funds will be used to operate several routes within the county.	

1 & 4

17-CT-023 Choanoke Public Transportation Authority will use the Admin funds to provide services to the elderly and handicapped citizens, Rural General Public, and Human Services transportation in Bertie, Halifax, Hertford, and Northampton counties. The Capital funds will be used to purchase a fireproof filing cabinet, office chair, multi-functional copier, spare vehicle parts for the maintenance shop, and a snow plow.

Administrative		
\$	491,593	Total
\$	393,274	Federal
\$	24,579	State
\$	73,740	Local
Capital		
\$	54,965	Total
\$	43,972	Federal
\$	5,496	State
\$	5,497	Local

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17-CT-080-Western Piedmont Regional Transportation Authority will use the funds to pay for non-operating administrative expenses incurred in FY 2017. WPRTA is a consolidated urban-rural system. The WPRTA Administrative expenses will be split between rural and urban eligible expenses. The split will be calculated based on urban-rural miles and hours from FY 2015 OPSTAT report. Capital: These funds will be used to pay for one replacement vehicle that has met its useful life. Operating: These funds will be used to pay for rural-operating expenses incurred for deviated fixed routes in FY 2017.

Administrative		
\$	494,427	Total
\$	395,541	Federal
\$	24,721	State
\$	74,165	Local
Capital		
\$	60,500	Total
\$	48,400	Federal
\$	6,050	State
\$	6,050	Local
Operating		
\$	373,096	Total
\$	186,548	Federal
\$	-	State
\$	186,548	Local

Statewide

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

State Admin		
\$2,788,558		Total
\$2,788,558		Federal

Statewide

NCDOT-PTD Rural Transit Assistance Program (RTAP) -The Public Transportation Division will provide planning assistance in the development of projects and plans for rural areas.

State Admin		
\$401,160		Total
\$401,160		Federal

5311 - Appalachian Development Community Transportation Program

11

17-AD-007 AppalCART will use the funds to purchase automatic passenger counters for their vehicles that provide their fixed-route service. They will also purchase scheduling software that will be used to not only improve services for AppalCART but for Ashe County Transportation as well. This purchase will also improve coordination between the two systems, thus encouraging regional transportation efforts.

Capital		
\$	404,789	Total
\$	323,831	Federal
\$	40,479	State
\$	40,479	Local

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

5311(f) InterCity Bus

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

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

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5, 6, 8 &
10

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

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

5339 BUS AND BUS FACILITIES

7

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

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

4

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

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

12

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

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

12

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

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

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

Travelers' Aid Program - State Funded

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

					Administrative
				\$ 34,500	Total
9				\$ -	Federal
				\$ 17,250	State
				\$ 17,250	Local
					Administrative
				\$ 20,000	Total
2				\$ -	Federal
				\$ 10,000	State
				\$ 10,000	Local
					Administrative
				\$ 15,000	Total
5				\$ -	Federal
				\$ 7,500	State
				\$ 7,500	Local

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

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

ADDITIONS to the Transit 2016-2025 STIP

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

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

MODIFICATIONS to the Transit 2016-2025 STIP

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

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

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.

DELETIONS to the Transit 2016-2025 STIP

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

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

ADDITIONS to the Transit 2016-2025 STIP

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

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

MODIFICATIONS to the Transit 2016-2025 STIP

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

ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP

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

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

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

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

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

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

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

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

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

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

NCDOT March 2016 Board of Transportation Agenda
Aviation Program

No Board Items for March 2016

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

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

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

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

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

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

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

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

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

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

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

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

K-6

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

March 3, 2016

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.1.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$7,545,302.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$295,000.00
Wayne/ Lenoir Cos. Div.2/ 4 R-2554 STATEWIDE	WBS 34461.1.4 US 70 (Goldsboro Bypass) from west of NC 581 in Wayne County to east of SR 1323 (Promise Land Road) in Lenoir County. \$367,544.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00
Avery/ Watauga Cos. Div. 11 R-2566 STATEWIDE	WBS 37512.1.1 NC 105 from US 221 to SR 1107 (NC 105 Bypass) in Boone. \$2,847,425.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$175,000.00
McDowell Co. Div. 13 R-2597C STATEWIDE	WBS 35608.1.2 US 221 from SR 1781 (Polly Sprout Road) northern intersection to SR 1153 (Goose Creek Road). \$400,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$398,333.71). Project is being deleted. WBS will be closed.	-\$398,333.71
TRUST FUND INTRASTATE SUMMARY	4 PROJECTS	\$371,666.29
STRATEGIC TRANSPORTATION INVESTMENTS	24 PROJECTS	\$13,072,550.00
TRUST FUND INTRASTATE SUMMARY	4 PROJECTS	\$371,666.29
SUMMARY OF FUNDS	28 PROJECTS	\$13,444,216.29

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

March 3, 2016

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**NCDOT March 2016 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Harnett Co. Div. 6 SS-4906CK	WBS 44699.2.1 SR 1120 (Overhills Road) approximately 0.3 mile south of SR 1144 (Bill Shaw Road). Initial right of way and utilities funds are needed for curve improvements including widening and installation of rumble strips, rumble stripes, and chevrons. File 06-15-37966R	\$1,800.00
Greensboro/ Guilford Co. Div. 7 SS-4907BM	WBS 44712.3.1 US 220 (Battleground Avenue) at Mill Street/Battleground Court. Initial construction funds are needed for traffic signal revisions. File 07-15-006C	\$4,050.00
Greensboro/ Guilford Co. Div. 7 SS-4907BO	WBS 44714.3.1 SR 2085 (Joseph M. Bryan Boulevard) eastbound on/off ramps at SR 2136 (Fleming Road). Initial construction funds are needed for traffic signal installation. File 07-15-060C	\$60,300.00
Orange Co. Div. 7 SS-4907BN	WBS 44713.2.1 NC 54 at SR 1102 (Dodsons Cross Road)/SR 1951 (Butler Road) west of Carrboro. Initial right of way and utilities funds are needed for traffic signal installation. File 07-15-864R	\$45,000.00
Orange Co. Div. 7 SS-4907BN	WBS 44713.3.1 NC 54 at SR 1102 (Dodsons Cross Road)/SR 1951 (Butler Road) west of Carrboro. Initial construction funds are needed for traffic signal installation. File 07-15-864C	\$67,500.00

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

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

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

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

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

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

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

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

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

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

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

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

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

Division 1

Bridge

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

Safety

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

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

Division 2

Urban

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

Bridge

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

Safety

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

Division 2 (Continued)

Safety

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

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

Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
New Hanover Co. U-5534S DIVISION	44096.1.20, STPDA-0332(062) Coral Drive starting at the corner of Coral Drive and Highway 76 (Causeway Drive) and ending at the corner of Coral Drive and Fourth Avenue which is across the street from Wrightsville Beach Elementary School in the Town of Wrightsville Beach. Funds are needed for preliminary engineering.	\$29,200.00 Cost \$23,360.00 Fed. \$5,840.00 Local
Jacksonville/ Onslow Co. U-5319 DIVISION	45433.1.1, HPPSTP-1308(013) Intersection of SR 1308 (Gum Branch Road) and SR 1470 (Western Boulevard). \$12,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate. This is a Strategic Transportation Investments Transition project.	\$580,873.00 Cost \$464,698.00 Fed. \$116,175.00 State
Safety		
Brunswick Co. SS-4903CE REGIONAL	44620.1.1, HSIP-0130(010) NC 130 (Whiteville Road) and SR 1321 (Longwood Road) / SR 1330 (Waccamaw School Road). Funds are needed for preliminary engineering.	\$82,000.00 Cost \$73,800.00 Fed. \$8,200.00 State
Brunswick Co. SS-4903CF STATEWIDE	44621.1.1, HSIP-0017(156) Signalized intersections with actuated flashers along US 17 in Brunswick County. Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

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

Division 3 (Continued)

Safety

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

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

Division 4

Interstate

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

Surface Transportation

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

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

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

Division 4 (Continued)

Safety

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

**NCDOT March 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
Wayne Co. W-5601CM DIVISION	50138.3.92, HSIP-1003(143) SR 1003 (New Hope Road) at SR 1565 (Cuyler Best Road). Funds are needed for construction to modify signals.	\$8,000.00 Cost \$7,200.00 Fed. \$800.00 State

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

Division 5

Interstate

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

Congestion Mitigation

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

Bridge

Wake Co. B-5556 DIVISION	50148.1.1, BRSTP-0520(053) Replace Bridge #490 on Lake Dam Road over Walnut Creek. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 Local
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**NCDOT March 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
Durham Co. W-5601EH DIVISION	50138.1.138, HSIP-1118(007) SR 1118 (Fayetteville Road) at Cook Road. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
Durham Co. W-5601EM DIVISION	50138.1.144, HSIP-1118(008) SR 1118 (Fayetteville Road) at Pilot Street and Cecil Street. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. SS-4905DB DIVISION	44628.1.1, HSIP-2204(001) SR 2204 / SR 2286 (Skycrest Drive) at SR 2286 (Trawick Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. SS-4905DD DIVISION	44630.1.1, HSIP-1119(007) SR 1119 (Buckhorn Duncan Road) from SR 1116 (Cass Holt Road) to SR 1123 (Duncan Cook Road). Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State

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

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

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

Division 6

Interstate

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

Bridge

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

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

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

Division 6 (Continued)

Safety

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

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

Division 6 (Continued)

Safety

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

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

Division 7

Interstate

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

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

Division 7 (Continued)

Congestion Mitigation

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

Urban

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

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

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

Division 7 (Continued)

Safety

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

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

Division 8

Bridge

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

Safety

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

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

Division 9

Interstate

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

Bridge

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

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

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

Division 10

Congestion Mitigation

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

Urban

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

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

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

Division 10 (Continued)

Safety

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

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

Division 11

Safety

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

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

Division 12

Congestion Mitigation

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

Bridge

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

Division 12 (Continued)

Bridge

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

Safety

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

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

Division 13

Safety

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

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

Division 14

Interstate

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

Bridge

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

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

Division 14 (Continued)

Safety

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

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

Statewide

Bicycle and Pedestrian

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

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

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

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 4

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

DIVISION 14

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

STATEWIDE

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

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

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

STATEWIDE

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

STIP MODIFICATIONS

DIVISION 3

* R-5023B	NC 53 (BURGAW HIGHWAY), SR 1116 (ONslow PINES	RIGHT-OF-WAY	FY 2016 -	\$320,000	(STP)
ONslow	ROAD) TO SR 1105 (HAWs RUN ROAD)	CONSTRUCTION	FY 2017 -	\$6,400,000	(STP)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 16 NOT PREVIOUSLY</u>			\$6,720,000	
TRANSITION	<u>PROGRAMMED.</u>				
* SF-4903F	NC 53, SR 1109 (HOLLY SHELTER ROAD).	RIGHT-OF-WAY	FY 2016 -	\$45,000	(HRRR)
ONslow	REALIGNMENT AND LANE CONSTRUCTION.	CONSTRUCTION	FY 2016 -	\$195,000	(HRRR)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 16 NOT PREVIOUSLY</u>			\$240,000	
TRANSITION	<u>PROGRAMMED.</u>				

DIVISION 5

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

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

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

DIVISION 7

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

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

DIVISION 9

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 9

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

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 9

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

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 9

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

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

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

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

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

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

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

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

DIVISION 12

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

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

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 12

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

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 12

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

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

DIVISION 14

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

STATEWIDE

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

STIP DELETIONS

DIVISION 3

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

10

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP DELETIONS

DIVISION 5

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

DIVISION 9

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

ITEM N SUMMARY

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 03, 2016

NCDOT March 3, 2016 Board of Transportation Agenda

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

Statewide

Red Springs and Northern
Railroad (RSNR)

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

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

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

Laurinburg & Southern Railroad
Company, INC (LRS)

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

Aberdeen and Rockfish Railroad
Company (AR)

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

NCDOT March 3, 2016 Board of Transportation Agenda

Statewide, con't.

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

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

Atlantic & Western Railway, LP
(ATW)

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

Wilmington Terminal Railroad, LP
(WTRY)

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

Division 2

City of New Bern
Craven County
Z-5400BM

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 2, con't.

City of New Bern
Craven County
Z-5400BK

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

Division 3

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

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

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

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 5

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

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

City of Raleigh
Wake County
C-5170
46235.3.1

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

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

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

CSX Transportation, Inc. (CSX)
Wake County
44403

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 5, con't.

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

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

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

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

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

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

Division 6

City of Fayetteville
Cumberland County
EB-5800
44654.3.1

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 7

City of Greensboro
Guilford County
U-5532C
46297.3.4

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

City of Greensboro
Guilford County
U-5532D
46297.3.5

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

City of Greensboro
Guilford County
EL-5101DJ
41823.3.13

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

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

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

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

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 7, con't.

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

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

City of High Point
Guilford County
EL-5104
45215.1.1
45215.3.1

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

Division 10

Town of Midland
Cabarrus County
C-5503
45496.1.1
45496.3.1

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

City of Concord
Cabarrus County
B-5123
42265.3.1

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 10, con't.

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

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

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

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

Division 11

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

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 14

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

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

Town of Franklin
Macon County
B-5125
42271.3.2

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

NCDOT March 3, 2016 Board of Transportation Agenda

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

Division 3

Town of Leland
Brunswick County
3.201011

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

Town of Surf City
Pender County
3.107111

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

City of Jacksonville
Onslow County
43968

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

City of Jacksonville
Onslow County
44721

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

Division 5

Google Fiber, Inc.
Durham County
36249.3591

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 5, con't.

Food Lion, LLC
Johnston County
36249.3592

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

D & N Development, LLC
Wake County
36249.3593

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

Standard Pacific of the Carolinas,
LLC
Wake County
36249.3580

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

The Keith Corporation
Granville County
36249.3605

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

Division 6

Town of Spring Lake
Cumberland County
36249.3596

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

City of Oxford
Granville County

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 6, con't.

JEN North Carolina 5, LLC
Wake County
36249.3599

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

Division 8

Town of Siler City
Chatham County
36249.3597

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

Town of Liberty
Randolph County
36249.3608

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

Division 9

Davie County
36249.3600

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

Montessori School of Winston-Salem
Forsyth County
36249.3601

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 9, con't.

Town of Rockwell
Rowan County
44500

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

Division 10

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

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

Rea Ventures
Anson County
36249.3518

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

Ryan Companies US, Inc.
Cabarrus County
36249.3594

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 10, con't.

SunCap Property Group
Cabarrus County
36249.3602

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

Union County Public Works
Union County
36249.3603

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

City of Charlotte
Mecklenburg County
C-5540
51010.1.1
51010.2.1
51010.3.1

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

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

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

Division 11

Town of Yadkinville
Yadkin County
36249.3595

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

NCDOT March 3, 2016 Board of Transportation Agenda

Division 14

Tryon International Equestrian
Center
Polk County
3714.3.31

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

NCDOT March 2016 Board of Transportation Agenda

Approval of Municipal Street System Changes

Additions to the State Highway System

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

Deletions from the State Highway System

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

NCDOT March 2016 Board of Transportation Agenda

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

Preliminary Right of Way Plans

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

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

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

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

(Division 6)

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

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

(Division 9)

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

(Division 10)

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

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

PRELIMINARY RIGHT OF WAY PLANS

5 PROJECT(S)

\$0.00

Final Right of Way Plans

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

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

(Division 2)

Project No. 46000.2.2; Beaufort County; I.D. No. B-5300:

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

(Division 8)

Project No. 42286.2.FD1; Randolph County; I.D. No. B-5128:

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

(Division 12)

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

Grading, drainage, paving and structure on Bridge No. 203 over Stanley Creek on SR 1935 (Willowside Drive) with the right of way indicated upon the final plans for said project.

Revisions of the Final Right of Way Plans

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

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

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

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

(Division 11)

Project No. 34402.2.6; I.D. No. R-2237C; Caldwell & Watauga Counties:

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

Approval of conveyance of Highway Right of Way Residues

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

(Division 7)

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

Guilford County

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

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

Guilford County

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

(Division 9)

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

Rowan County

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

CONVEYANCE ROW RESIDUE

3 PROJECT(S)

\$271,675.00

Approval of conveyance of Surplus Highway Right of Way

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

(Division 5)

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

Wake County

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

CONVEYANCE OF SURPLUS RIGHT OF WAY

1 PROJECT(S)

\$83,300.00

NCDOT March 2015 Board of Transportation Agenda

R-6

Approval of Revision in Control of Access

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

(Division 3)

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

Brunswick County

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

REVISION IN CONTROL OF ACCESS

1 PROJECT(S)

(pending)

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2015 - 2016**

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

February 16, 2016

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Branch

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

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

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

https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Wilmington

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

Sincerely,



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

Attachment

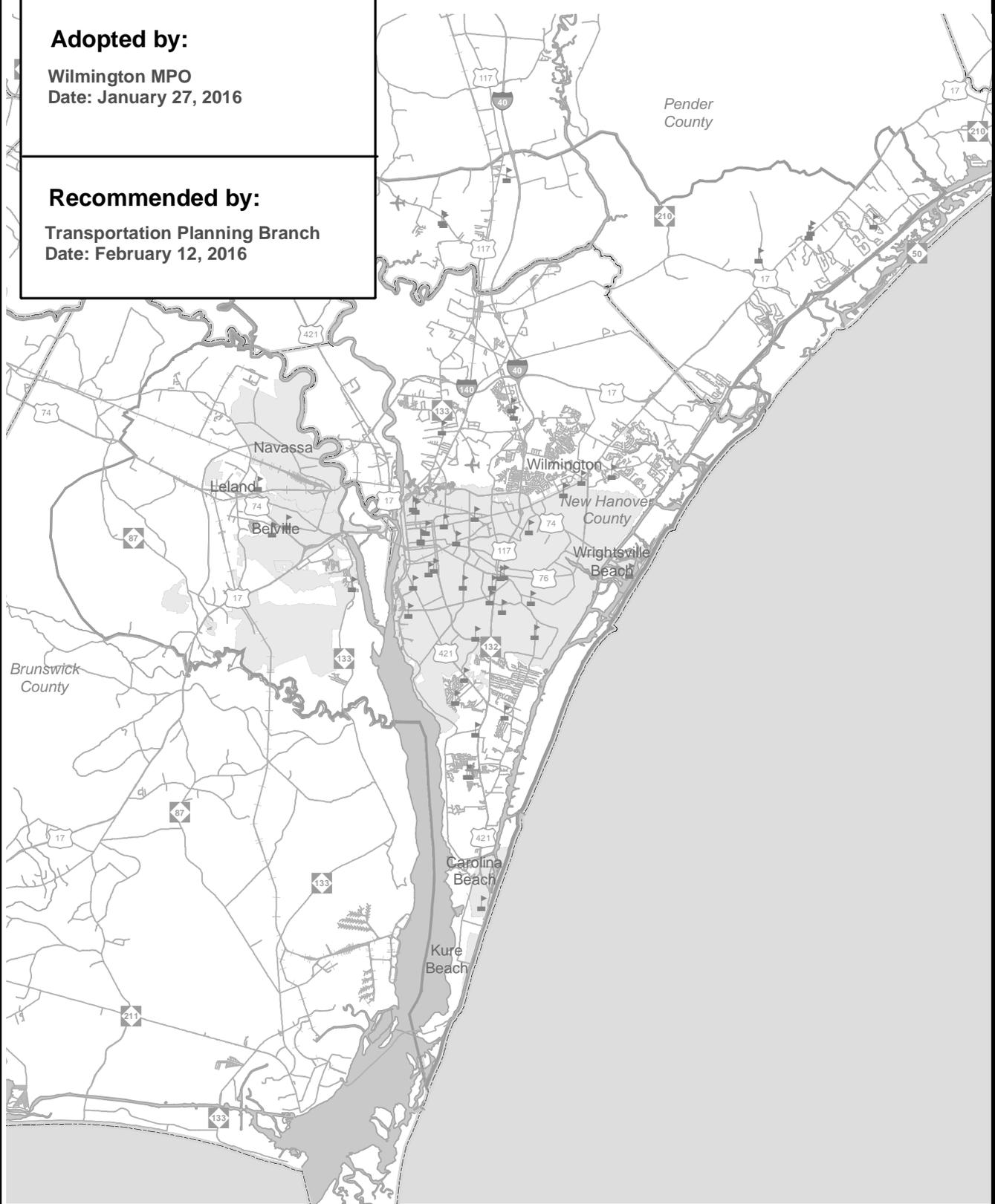
March 3, 2016

Adopted by:

Wilmington MPO
Date: January 27, 2016

Recommended by:

Transportation Planning Branch
Date: February 12, 2016



Sheet 1 Adoption Sheet

Sheet 2 Highway Map

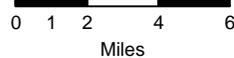
Sheet 3 Public Transportation and Rail Map

Sheet 4 Bicycle Map

Sheet 5 Pedestrian Map

Legend

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



Sheet 1 of 5

Base map date: 6/1/2015

Adoption Sheet



Wilmington MPO

**Comprehensive
Transportation Plan**

Plan date: January 27, 2016

February 16, 2016

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Branch

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

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

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

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

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

Sincerely,



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

Attachment

March 3, 2016

Gates County

Currituck County

Pasquotank County

Camden County

Chowan County

Tyrrel County

Washington County

Perquimans River

Harvey Point

Hertford

Winfall

17

27



Perquimans County North Carolina

Comprehensive Transportation Plan

Plan date: Nov 04, 2015

- Sheet 1 **Adoption Sheet**
- Sheet 2 **Highway Map**
- Sheet 3 **Public Transportation and Rail Map**
- Sheet 4 **Bicycle Map**
- Sheet 5 **Pedestrian Map**

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

0 0.5 1 2 3 4 Miles

Sheet 1 of 5



Base map date: June 2014

Refer to CTP document for more details

Adopted by:

Town of Hertford

Date: Jan 11, 2016

Town of Winfall

Date: Jan 11, 2016

Perquimans County

Date: Jan 04, 2016

NCDOT

Date:

Endorsed by:

Albemarle RPO

Date: Jan 27, 2016

Recommended by:

Transportation Planning Branch

Date: Feb 01, 2015

NOTES:

No recommendations for Sheet 3 -
Public Transit and Rail Map

Cash Flow Projection

DMS Biennial Budget State Fiscal Years (SFY) 2016 / 17 and 2017 / 18

Summary

Line Item*	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	07/16 - 09/16	10/16 - 12/16	01/17 - 03/17	04/17 - 06/17	07/17 - 09/17	10/17 - 12/17	01/18 - 03/18	04/18 - 06/18	
Administration									
Salaries	\$ 606,046	\$ 606,046	\$ 606,046	\$ 606,046	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 4,921,092
Operating	\$ 80,600	\$ 80,600	\$ 80,600	\$ 80,600	\$ 81,755	\$ 81,755	\$ 81,755	\$ 81,755	\$ 649,420
Int. System of Record	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
SPO and legal	\$ 36,100	\$ 36,100	\$ 36,100	\$ 36,100	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 292,400
Restoration	\$ 6,552,913	\$ 10,615,476	\$ 8,567,103	\$ 9,130,686	\$ 11,944,566	\$ 9,118,495	\$ 6,374,536	\$ 3,050,215	\$ 65,353,990
Stewardship	\$ 78,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 612,000
Planning Framework	\$ 135,215	\$ 81,500	\$ 92,000	\$ 189,500	\$ 256,000	\$ 234,500	\$ 217,500	\$ 127,000	\$ 1,333,215
Total (by Quarter)	\$ 7,688,874	\$ 11,697,722	\$ 9,459,849	\$ 10,120,932	\$ 13,018,548	\$ 10,170,977	\$ 7,410,018	\$ 3,995,197	\$ 73,562,117

Total (Annual)

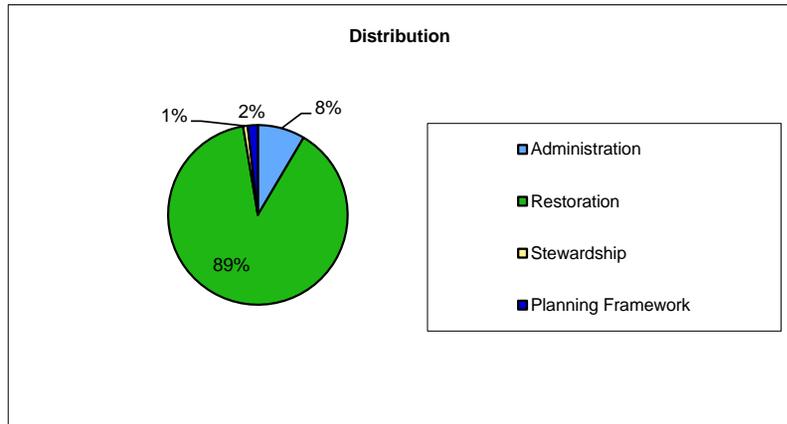
\$ 38,967,377

\$ 34,594,741 \$ 73,562,117

* See individual linetabs for details

Summary

Administration	\$ 6,262,912
Restoration	\$ 65,353,990
Stewardship	\$ 612,000
Planning Framework	\$ 1,333,215
Biennial Total	\$ 73,562,117



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

Salary and Operating Expenses

Salary & Operations	Biennial Budget State Fiscal Years (SFY) 2016 / 17 and 20				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Salaries	\$ 606,046	\$ 606,046	\$ 606,046	\$ 606,046	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 4,921,092
Operations	\$ 80,600	\$ 80,600	\$ 80,600	\$ 80,600	\$ 81,755	\$ 81,755	\$ 81,755	\$ 81,755	\$ 649,420
Dynamics CRM database	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Salary & Operations Total	\$ 886,646	\$ 886,646	\$ 686,646	\$ 686,646	\$ 705,982	\$ 705,982	\$ 705,982	\$ 705,982	\$ 5,970,512

Supporting Positions	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
State Property Office*	\$ 21,600	\$ 21,600	\$ 21,600	\$ 21,600	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 174,400
Legal**	\$ 14,500	\$ 14,500	\$ 14,500	\$ 14,500	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 118,000
Supporting Positions Total	\$ 36,100	\$ 36,100	\$ 36,100	\$ 36,100	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 292,400

*SPO funding for 85% of one position.

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

Salary and Operating Expenses - Total	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 922,746	\$ 922,746	\$ 722,746	\$ 722,746	\$ 742,982	\$ 742,982	\$ 742,982	\$ 742,982	

Restoration Summary

DMS Biennial Budget State Fiscal Years (SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Design-Bid-Build	\$ 206,958	\$ 415,193	\$ 413,501	\$ 705,309	\$ 587,750	\$ 79,667	\$ 35,000	\$ -	\$ 2,443,378
Design-Build	\$ -	\$ -	\$ 622,165	\$ 1,900,000	\$ 311,000	\$ -	\$ 124,500	\$ -	\$ 2,957,665
Full Delivery	\$ 5,500,251	\$ 9,517,867	\$ 6,924,574	\$ 5,466,209	\$ 9,754,758	\$ 8,412,841	\$ 6,168,297	\$ 2,944,983	\$ 54,689,780
Monitoring/Maintenance	\$ 95,704	\$ 182,416	\$ 106,862	\$ 59,168	\$ 41,058	\$ 125,987	\$ 46,739	\$ 105,232	\$ 763,167
Actual cost adjustment for in-lieu payments ¹	\$ 750,000	\$ 500,000	\$ 500,000	\$ 1,000,000	\$ 1,250,000	\$ 500,000	\$ -	\$ -	\$ 4,500,000
Restoration Summary Total	\$ 6,552,913	\$ 10,615,476	\$ 8,567,103	\$ 9,130,686	\$ 11,944,566	\$ 9,118,495	\$ 6,374,536	\$ 3,050,215	\$ 65,353,990

Note: Currently, there are 33 active design-bid-build contracts, 1 active Design-Build contracts and 56 active full delivery contracts.

¹ These numbers are placeholder estimates to be approved on an individual project basis with the DOT Inspector General's Office. Such costs are associated with NCDOT payments into the Wetlands Restoration Program (WRP) for mitigation associated with multiple TIPs that were constructed between 1999 and 2005. Significant mitigation amounts were accepted by the WRP and paid by the NCDOT before sufficient data was available related to the actual cost of mitigation and agreements were put in place for cost recovery that would not exceed the actual cost of producing the mitigation. Procedures for reconciling such costs are documented through the Inspector General's Office.

The term **restoration** is used to describe stream and wetland restoration activities, monitoring, maintenance, land, and special studies. Contained under this heading are 90 active contracts that are in design, construction or monitoring in our state's 17 river basins.

Design-Bid-Build Contracts

Current Contracts					SFY 2016 / 17				SFY 2017 / 18				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	State Fiscal Years (SFY)	Division	County	Consultant										
Contract #D14001i	Mud Lick Crk - Thomas	8	Chatham	Wildlands Engineering, Inc.	\$ -	\$ 28,250	\$ 28,251	\$ 28,251	\$ -	\$ -	\$ -	\$ -	\$ 84,752	1
Contract #D15012i	Bowman	8	Randolph	KCI Associates of NC	\$ 11,176	\$ 3,120	\$ 120,000	\$ 23,554	\$ -	\$ -	\$ -	\$ -	\$ 157,850	2
Contract #006741	Millstone Creek	8	Randolph	NCSU	\$ 94,137	\$ 13,528	\$ -	\$ 20,754	\$ -	\$ 54,417	\$ 35,000	\$ -	\$ 217,836	3
Contract #D12010S	Little Pine III	11	Alleghany	Wildlands Engineering, Inc.	\$ 10,045	\$ 10,045	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,090	4
Contract #D13022S	Little Pine II	11	Alleghany	Confluence Engineering	\$ 25,000	\$ 25,000	\$ 25,000	\$ 12,500	\$ 12,500	\$ -	\$ -	\$ -	\$ 100,000	5
Contract #D16013i	Glade II	11	Alleghany	Wildlands Engineering, Inc.	\$ 11,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,350	6
Contract #D16015i	UT West Branch Rocky Riv	10	Mecklenburg	KCI Associates of NC	\$ 20,250	\$ 20,250	\$ 20,250	\$ 20,250	\$ 20,250	\$ 20,250			\$ 121,500	7
Subtotal Design-Bid-Build - Current Contracts					\$ 171,958	\$ 100,193	\$ 193,501	\$ 105,309	\$ 32,750	\$ 74,667	\$ 35,000	\$ -	\$ 713,378	

Design-Bid-Build - New Contracts to be awarded SFY 2016/17 / SFY 2017/18					SFY 2016 / 17				SFY 2017 / 18				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction					\$ -	\$ 315,000	\$ 150,000	\$ 600,000	\$ 555,000	\$ 5,000	\$ -	\$ -	\$ 1,625,000
Acquisition ¹					\$ 35,000	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 105,000
Subtotal Design-Bid-Build - New Contracts					\$ 35,000	\$ 315,000	\$ 220,000	\$ 600,000	\$ 555,000	\$ 5,000	\$ -	\$ -	\$ 1,730,000

Design-Bid-Build Total					SFY 2016 / 17				SFY 2017 / 18				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$206,958	\$ 415,193	\$ 413,501	\$ 705,309	\$ 587,750	\$ 79,667	\$ 35,000	\$ -	\$ 2,443,378

Design-Build

Design-Build - Payments for New Contracts					SFY 2016 / 17				SFY 2017 / 18				Total	
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #006256	Big Harris	12	Cleveland	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 622,165	\$ 1,900,000	\$ 311,000	\$ -	\$ 124,500	\$ -	\$ 2,957,665	8
Total Design-Build Current Contracts					\$ -	\$ -	\$ 622,165	\$ 1,900,000	\$ 311,000	\$ -	\$ 124,500	\$ -	\$ 2,957,665	

Full Delivery Contracts

Full Delivery - Current Contracts					SFY 2016 / 17				SFY 2017 / 18				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #003981	Muddy Run Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 93,119	\$ -	\$ -	\$ -	\$ 93,119	\$ -	\$ -	\$ 186,238	9
Contract #003989	Devil's Racetrack	4	Johnston	Wildlands Engineering, Inc.	\$ -	\$ 420,966	\$ -	\$ -	\$ -	\$ 420,966	\$ -	\$ -	\$ 841,932	10
Contract #003267	Little Troublesome Creek	7	Rockingham	Wildlands Engineering, Inc.	\$ -	\$ 95,930	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,930	11
Contract #005012	Bowl Basin	3	Onslow	KCI Associates of NC	\$ -	\$ 26,460	\$ -	\$ -	\$ -	\$ 26,460	\$ -	\$ -	\$ 52,920	12
Contract #005010	Norman's Pasture	3	Sampson	KCI Associates of NC	\$ -	\$ 65,130	\$ -	\$ -	\$ -	\$ 65,130	\$ -	\$ -	\$ 130,260	13
Contract #005787	Norman's Pasture II	3	Sampson	KCI Technologies	\$ -	\$ 26,396	\$ -	\$ -	\$ -	\$ 10,558	\$ -	\$ -	\$ 36,954	14
Contract #005011	Cedar Creek	3	Sampson	Environmental Banc & Exchange, LLC	\$ -	\$ 95,500	\$ -	\$ -	\$ -	\$ 95,500	\$ -	\$ -	\$ 191,000	15
Contract #005000	UT to Millers Creek	3	Duplin	Florence and Hutcheson, Inc	\$ -	\$ 50,681	\$ -	\$ -	\$ -	\$ 50,681	\$ -	\$ -	\$ 101,362	16
Contract #004631	Best Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 134,904	\$ -	\$ -	\$ -	\$ 134,904	\$ -	\$ -	\$ 269,808	17
Contract #004632	Muddy Run II Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 127,700	\$ -	\$ -	\$ -	\$ 127,700	\$ -	\$ -	\$ 255,400	18
Contract #004954	Foust Creek	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 89,817	\$ -	\$ -	\$ -	\$ 89,817	\$ -	\$ -	\$ 179,634	19
Contract #004949	Agony Acres	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 113,521	\$ -	\$ -	\$ -	\$ 113,521	\$ -	\$ -	\$ 227,042	20
Contract #004951	UT to Cane Creek	7	Alamance	Michael Baker Engineering, Inc	\$ -	\$ 66,930	\$ -	\$ -	\$ -	\$ 66,930	\$ -	\$ -	\$ 133,860	21
Contract # 005151	Stanleys II	1	Northampton	KCI Associates of NC	\$ -	\$ 21,125	\$ -	\$ -	\$ -	\$ 21,125	\$ -	\$ -	\$ 42,250	22
Contract #004635	Stanleys Slough	1	Northampton	KCI Associates of NC	\$ -	\$ 78,377	\$ -	\$ -	\$ -	\$ 78,377	\$ -	\$ -	\$ 156,754	23
Contract #004628	Hofler Property	1	Gates	Albemarle Restorations, LLC	\$ -	\$ 30,800	\$ -	\$ -	\$ -	\$ 30,800	\$ -	\$ -	\$ 61,600	24
Contract #005790	Abbey Lamm	7	Alamance	Restoration Systems, LLC	\$ -	\$ 38,824	\$ -	\$ -	\$ -	\$ 38,824	\$ -	\$ -	\$ 77,648	25
Contract #005791	Aycock Springs	7	Alamance	Restoration Systems, LLC	\$ -	\$ 66,572	\$ -	\$ -	\$ -	\$ 26,629	\$ -	\$ -	\$ 93,201	26
Contract #005792	Browns Summit Creek	7	Guilford	Michael Baker Engineering, Inc	\$ -	\$ 499,375	\$ 199,750	\$ -	\$ -	\$ 99,875	\$ -	\$ -	\$ 799,000	27
Contract #005793	Maney Farm	8	Chatham	Wildlands Engineering, Inc.	\$ -	\$ 87,601	\$ -	\$ -	\$ -	\$ 35,040	\$ -	\$ -	\$ 122,641	28
Contract #005794	Candy Creek	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 1,383,312	\$ 553,325	\$ -	\$ -	\$ 276,662	\$ -	\$ -	\$ 2,213,299	29
Contract #005795	Holman Mill	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 70,744	\$ -	\$ -	\$ -	\$ 28,297	\$ -	\$ -	\$ 99,041	30
Contract #006746	Tar River Headwater Wetlands	5	Person	Mogensen Mitigation, Inc.	\$ 106,750	\$ -	\$ -	\$ -	\$ 45,750	\$ 15,250	\$ -	\$ -	\$ 167,750	31
Contract #006824	Pen Dell	4	Johnston	Water & Land Solutions	\$ 232,778	\$ 174,583	\$ -	\$ 174,583	\$ 58,194	\$ -	\$ -	\$ -	\$ 640,138	32
Contract #006825	Edwards-Johnson	4	Johnston	Water & Land Solutions	\$ 234,567	\$ 175,925	\$ -	\$ 175,925	\$ 58,642	\$ -	\$ -	\$ -	\$ 645,059	33
Contract #006826	Lake Wendell	4	Johnston	Water & Land Solutions	\$ 263,042	\$ 197,281	\$ -	\$ 197,281	\$ 65,760	\$ -	\$ -	\$ -	\$ 723,364	34
Contract #006827	Dry Creek	5	Durham	Wildlands Engineering, Inc.	\$ 988,372	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 282,392	\$ -	\$ 1,270,764	35

Full Delivery Contracts (page 2)

Full Delivery - Current Contracts (continued)					SFY 2016 / 17				SFY 2017 / 18				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #006828	Lochill Farm	7	Orange	Michael Baker Engineering, Inc.	\$ 265,680	\$ -	\$ 199,260	\$ 199,260	\$ 66,420	\$ 66,420	\$ -	\$ -	\$ 797,040	36
Contract #006829	Buckwater	7	Orange	Wildlands Engineering, Inc.	\$ -	\$ -	\$ -	\$ -	\$ 1,516,789	\$ -	\$ -	\$ -	\$ 1,516,789	37
Contract #006830	Stony Fork	4	Johnston	KCI Associates of NC	\$ 521,776	\$ -	\$ 391,332	\$ -	\$ 260,888	\$ 130,444	\$ -	\$ -	\$ 1,304,440	38
Contract #006832	Alliance Headwaters Option A	4	Johnston	Restoration Systems, LLC	\$ 519,246	\$ 389,435	\$ -	\$ -	\$ 259,623	\$ 129,812	\$ -	\$ -	\$ 1,298,116	39
Contract #006663	Puzzle Creek	13	Rutherford	Michael Baker Engineering, Inc.	\$ -	\$ 11,869	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,869	40
Contract #D06046-A	Logan Creek	14	Jackson	Michael Baker Engineering, Inc.	\$ -	\$ -	\$ 47,403	\$ -	\$ -	\$ -	\$ 47,403	\$ -	\$ 94,805	41
Contract #D06125-B	Elk Branch	13	Mitchell	Michael Baker Engineering, Inc.	\$ -	\$ -	\$ 35,862	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,862	42
Contract #002024	North Fork Mountain Creek	12	Catawba	Resource Environmental Solutions, LLC	\$ -		\$ 55,953	\$ -	\$ -	\$ -	\$ 55,953	\$ -	\$ 111,905	43
Contract #003271	Herman Dairy Farm	12	Alexander	Restoration Systems, LLC	\$ -	\$ -	\$ 83,003	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 83,003	44
Contract #003273	Buffalo Flats	10	Cabarrus	KCI Associates of NC	\$ -	\$ -	\$ 62,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,175	45
Contract #003983	Jacobs Ladder	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 69,584	\$ -	\$ -	\$ -	\$ 69,584	\$ -	\$ 139,168	46
Contract #003984	Jacobs Landing	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 63,845	\$ -	\$ -	\$ -	\$ 63,845	\$ -	\$ 127,690	47
Contract #003991	601 North II	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 56,072	\$ -	\$ -	\$ -	\$ -	\$ 112,143	\$ 168,215	48
Contract #003990	Town Creek	10	Stanly	Michael Baker Engineering, Inc.	\$ 99,680	\$ 49,840	\$ -	\$ 49,840	\$ -	\$ -	\$ -	\$ 49,840	\$ 249,200	49
Contract #003277	UT to Town Creek	10	Stanly	Michael Baker Engineering, Inc.	\$ -	\$ 192,090	\$ 96,045	\$ 192,090	\$ -	\$ -	\$ 96,045	\$ -	\$ 576,270	50
Contract #004644	Pee Dee Stream	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 107,100	\$ -	\$ -	\$ -	\$ 107,100	\$ -	\$ 214,200	51
Contract #004641	Brown Creek Tributaries	10	Anson	Michael Baker Engineering, Inc.	\$ 140,000	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ 420,000	52
Contract #004642	Hopewell	8	Randolph	Wildlands Engineering, Inc.	\$ -	\$ 121,000	\$ -	\$ -	\$ -	\$ 121,000	\$ -	\$ -	\$ 242,000	53
Contract #000615	East Buffalo Creek	14	Graham	Michael Baker Engineering, Inc.	\$ -	\$ 54,060		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,060	54
Contract #002029	Little Buffalo Creek	10	Cabarrus	Louis Berger	\$ -	\$ -	\$ 92,550	\$ -	\$ -	\$ -	\$ 92,550	\$ -	\$ 185,100	55
Contract #003979	Junes Branch	14	Jackson	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 59,850	\$ -	\$ -	\$ -	\$ 59,850	\$ -	\$ 119,700	56
Contract #004672	Poplin Ridge Site	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 105,341	\$ -	\$ -	\$ -	\$ 105,341	\$ -	\$ 210,682	57
Contract #004673	Norkett Branch	10	Union	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 165,102	\$ -	\$ -	\$ -	\$ 165,102	\$ -	\$ 330,205	58
Contract #004925	601 East	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 64,904	\$ -	\$ -	\$ -	\$ 64,904	\$ -	\$ 129,809	59
Contract #005999	Vile Creek	11	Alleghany	Wildlands Engineering, Inc.	\$ 254,000	\$ 168,000	\$ 254,000	\$ -	\$ -	\$ 34,000	\$ -	\$ -	\$ 710,000	60
Contract #005782	Henry Fork (Only Stream is 2984)	12	Catawba	Wildlands Engineering, Inc.	\$ 162,438	\$ -	\$ 81,219	\$ -	\$ -	\$ -	\$ 32,483	\$ -	\$ 276,139	61
Contract #005786	Roses Creek	13	Burke	ICA Engineering, Inc.	\$ 500,000	\$ 200,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 840,000	62
Contract #006402	John Deere	13	Rutherford	Resource Environmental Solutions, LLC	\$ 383,922	\$ -	\$ -	\$ 274,230	\$ 109,692	\$ -	\$ 54,846	\$ -	\$822,690	63

Full Delivery Contracts (page 3)

					SFY 2016 / 17				SFY 2017 / 18					
Full Delivery - Current Contracts (continued)					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total	Count
Contract #006598	Cedar Branch	8	Randolph	KCI Associates of NC	\$ -	\$ -	\$270,900	\$ -	\$ -	\$ -	\$270,900	\$ -	\$541,800	64
Subtotal Full Delivery - Current Contracts					\$4,672,251	\$5,417,867	\$3,354,574	\$1,263,209	\$2,441,758	\$2,427,841	\$1,748,297	\$161,983	\$ 21,487,780	

					SFY 2016 / 17				SFY 2017 / 18					
Full Delivery - Payments for New Contracts to be Awarded -- SFY 2016/17 / SFY 2017/18 (Includes Bank Credit Purchases)					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total	
Subtotal Full Delivery - Payments for New Contracts					\$ 828,000	\$ 4,100,000	\$ 3,570,000	\$ 4,203,000	\$ 7,313,000	\$ 5,985,000	\$ 4,420,000	\$ 2,783,000	\$ 33,202,000	

					SFY 2016 / 17				SFY 2017 / 18					
Full Delivery Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total	
					\$5,500,251	\$9,517,867	\$6,924,574	\$5,466,209	\$9,754,758	\$8,412,841	\$6,168,297	\$2,944,983	\$ 54,689,780	

Monitoring / Maintenance, Repair and Equipment Contracts

Monitoring

Monitoring - Current Contracts					SFY 2016 / 17				SFY 2017 / 18				Total	
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Consultant										
Contract #005765	Stallings (G)	2	Jones	Robert J. Goldstein & Associates	\$ -	\$ 5,516	\$ -	\$ -	\$ -	\$ 5,516	\$ -	\$ -	\$ 11,032	65
Contract #004998	Little Alamance Creek	7	Alamance	EEE Consulting, Inc.	\$ 2,874		\$ 5,749		\$ 5,748	\$ -	\$ -	\$ -	\$ 14,371	66
Contract #004801	Greenbrier Creek	7	Chatham	Axiom Environmental, Inc.	\$ -	\$ -	\$ 6,296	\$ 6,296	\$ -	\$ -	\$ -	\$ -	\$ 12,592	67
Contract #004800	Meadowbranch	6	Robeson	URS	\$ 6,589		\$ 2,196		\$ -	\$ -	\$ -	\$ -	\$ 8,785	68
Contract #004682	Sandy Creek (Charles Williams)	8	Randolph	Sungate Design Group, PA		\$ 12,044	\$ -	\$ 6,022	\$ -	\$ 12,044	\$ -	\$ 6,022	\$ 36,132	69
Contract #005367	Meredell Farm Site	8	Randolph	SEPI Engineering & Construction, Inc.	\$ 1,080	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,080	70
Contract #005715	Bear Creek (Phillips Tract)	8	Chatham	Axiom Environmental, Inc.	\$ 554	\$ 5,545	\$ -	\$ 2,772	\$ -	\$ 5,545	\$ -	\$ 2,773	\$ 17,189	71
Contract #005365	Morgan Creek Floodplain	7	Orange	Mogensen Mitigation, Inc.	\$ -	\$ 3,750	\$ 1,500	\$ -	\$ -	\$ 3,000	\$ 750	\$ -	\$ 9,000	72
Contact#006604	Heath Dairy	8	Randolph	Mogensen Mitigation, Inc.	\$ 3,250	\$ 9,750	\$ -	\$ 3,250	\$ -	\$ 9,750	\$ -	\$ 3,250	\$ 29,250	73
Contract #004804	UT to Hauser Creek	9	Davie	Axiom Environmental, Inc.	\$ 3,061	\$ -	\$ 7,652	\$ -	\$ 3,061	\$ 3,061	\$ -	\$ -	\$ 16,835	74
Contract #004538	Newfound Creek	13	Buncombe	URS	\$ 14,275	\$ 4,760	\$ 9,520	\$ -	\$ 4,760	\$ -	\$ -	\$ -	\$ 33,315	75
Contract #006496	Hogan Creek	11	Surry	Wildlands Engineering, Inc.	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ 33,600	76
Contract #005767	Helms	9	Rowan	Axiom Environmental, Inc.	\$ 2,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,400	77
Contract #005764	Suther	10	Cabarrus	Robert J. Goldstein & Associates	\$ 1,943	\$ 5,827	\$ -	\$ -	\$ 7,770	\$ -	\$ -	\$ -	\$ 15,540	78
Contract #005361	Lewis Creek	14	Henderson	Mogensen Mitigation, Inc.	\$ 1,475	\$ 1,475	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,950	79
Contract #005717	UT Martin Creek/Martin II	14	Cherokee	Axiom Environmental, Inc.	\$ 1,490	\$ 14,900	\$ -	\$ 7,450	\$ -	\$ 14,900	\$ -	\$ 7,450	\$ 46,190	80
Contract #004391	McKee	10	Cabarrus	Withers and Ravenel	\$ 5,965	\$ -	\$ 11,931	\$ 4,971	\$ 4,971	\$ -	\$ -	\$ -	\$ 27,838	81
Contract #006036	Five Mile Branch	12	Iredell	Arcadis	\$ 3,748	\$ -	\$ 11,244	\$ -	\$ 3,748	\$ -	\$ 11,244	\$ 3,748	\$ 33,732	82
Contract #004803	Mill Creek (Formerly Uwharrie Heritage)	8	Randolph	Axiom Environmental, Inc.	\$ 3,000	\$ 6,000	\$ -	\$ 3,000	\$ 6,000	\$ -	\$ -	\$ -	\$ 18,000	83
Contract #004661	Big Harris	12	Cleveland	Western Carolina Univ.	\$ 5,000	\$ 6,500	\$ 6,500	\$ 3,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 6,500	\$ 42,500	84
Subtotal Monitoring - Current Contracts					\$56,704	\$ 87,267	\$ 62,587	\$ 42,361	\$ 41,058	\$ 70,016	\$ 16,994	\$ 35,343	\$ 412,331	

Monitoring - New Contracts to be awarded SFY 2016/17 / SFY 2017/18					SFY 2016 / 17				SFY 2017 / 18				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Monitoring ²	Statewide	Multiple	Statewide	Undetermined									
					\$ 39,000	\$ 4,000	\$ 26,500	\$ -	\$ -	\$ 30,000	\$ 26,500	\$ 37,000	\$ 163,000
					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Monitoring- New Contracts					\$ 39,000	\$ 4,000	\$ 26,500	\$ -	\$ -	\$ 30,000	\$ 26,500	\$ 37,000	\$ 163,000

Monitoring - Total

SFY 2016 / 17				SFY 2017 / 18				Total
Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
\$95,704	\$ 91,267	\$ 89,087	\$ 42,361	\$ 41,058	\$ 100,016	\$ 43,494	\$ 72,343	\$575,331

Monitoring / Maintenance, Repair and Equipment Contracts (page 3)

Maintenance, Repair and Equipment

					SFY 2016 / 17				SFY 2017 / 18				
Maintenance, Repair and Equipment - Current Contracts					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Contract Number	Site Name	Division	County	Consultant									
Contract #D13002s	Veg Install & Management	Multiple	Statewide	Carolina Silvics	\$ -	\$ 25,594	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,594
Contract #D14012i	Stallings (G)-Construction	2	Jones	Carolina Silvics	\$ -	\$ -	\$ 2,245	\$ -	\$ -	\$ -	\$ 2,245	\$ -	\$ 4,490
Contract #D14019s	Bear Creek Maintenance	8	Chatham	Carolina Silvics	\$ -	\$ 248	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 248
Contract #D14004i	Veg Install & Management	Multiple	Statewide	Keller Environmental	\$ -	\$ 18,500	\$ 730	\$ -	\$ -	\$ 2,264	\$ -	\$ 2,264	\$ 23,759
Contract #D14005i	InvasiveManagement	Multiple	Statewide	Carolina Silvics	\$ -	\$ 16,807	\$ -	\$ 16,807	\$ -	\$ 16,807	\$ -	\$ 625	\$ 51,046
Contract #D16002i	Veg Install & Management	Multiple	Statewide	Bruton Natural Systems	\$ -	\$ -	\$ 13,800	\$ -	\$ -	\$ 6,900	\$ -	\$ -	\$ 20,700
Maintenance, Repair and Equipment - Current Contracts Subtotal					\$ -	\$ 61,149	\$ 16,775	\$ 16,807	\$ -	\$ 25,971	\$ 2,245	\$ 2,889	\$ 125,837

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					SFY 2016 / 17				SFY 2017 / 18				
Maintenance, Repair and Equipment - New Contracts to be awarded					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Maintenance and repair ³	Multiple	Multiple	various	tbd	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 60,000
Gauges and Equipment ⁴	Multiple	Multiple	various	tbd	\$ -	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ -	\$ 2,000
Maintenance, Repair and Equipment - New Contracts Subtotal					\$ -	\$ 30,000	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ 30,000	\$ 62,000

					SFY 2016 / 17				SFY 2017 / 18				
Maintenance, Repair and Equipment - Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
					\$ -	\$ 91,149	\$ 17,775	\$ 16,807	\$ -	\$ 25,971	\$ 3,245	\$ 32,889	\$ 187,837

					SFY 2016 / 17				SFY 2017 / 18				
Monitoring / Maintenance, Repair and Equipment - Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
					\$ 95,704	\$ 182,416	\$ 106,862	\$ 59,168	\$ 41,058	\$ 125,987	\$ 46,739	\$ 105,232	\$ 763,167

¹Includes any new or remaining acquisitions requiring DB / DBB implementation.
²New Monitoring is based on projects currently in design or construction.
³Based on current maintenance cost data
⁴Equipment costs based on maintenance required for existing gauges

Summary of Stewardship Costs

DMS Biennial Budget State Fiscal Years (SFY) 2016 / 17 and 2017 / 18

	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Stewardship	\$ 78,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 612,000

NOTES:

The budget is based on the number of projects currently in DEQ Stewardship, the number of projects that are expected to be closed out and transferred to DEQ Stewardship in SFY 2016 / 17 and SFY 2017 / 18, and the Standard Operation Procedures agreed to by NCDEQ and NCDOT. Includes Stewardship Manager salary (85%), administration, legal and project monitoring cost.

No stewardship endowment funds are included in this biennial budget. The budget includes funds for annual stewardship activities performed by the DEQ Stewardship Program according to the contract with NCDOT. According to other terms of that contract, DEQ will be developing endowment estimates for mitigation sites during the coming fiscal year. NCDOT and DEQ will evaluate those endowment estimates and may alter the SFY 2016 / 17 budget to pay endowments for some mitigation sites.

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

Sites in Stewardship	IMS ID
601 North Property	92546
601 West Property	92545
Adkins Branch (Phase II)	7
Anderson Swamp	92526
Badin Inn	DMS Biennial Budget State Fiscal Years (SFY) 2016
Beaverdam Creek	92217
Beaverdam Creek and Trib (Parker Site)	92586
Big Cedar Creek	92532
Blockhouse Creek	92516
Brown Farm	92207
Brown Marsh Swamp	92517
Cane Creek	92325
Cane Creek (FD)	92521
Collins Site	92205
Columbus	92760
Conoconnara Swamp	92226
Crowns West	92329
Daniels Farm #2	92229
Davis Branch	92543
Dog Bite Creek	92533
Duke Swamp	92544
East Tarboro Canal (G)	123
Ellington Branch	92520
Farrar Dairy	92552
Flint Rock Farm #2	92812
Floogie Site	92486
Gatlin Swamp	92228
Glade Creek	854
Gray Farm	92219
Harrell Site	92230
Holly Grove	92523
Jarmans Oak	92550
Johnson Site (Hunting Creek)	197
Little River Farm	92759
Little Troublesome	749
Little White Oak Creek	92534
Mark's Creek TESC	92248
Mason Farm	92328
McDonald's Pond	242
Mocassin Creek (G)	256
Modlin Site	92227
Morgan Creek	92527
Morgan Creek (French Broad)	92531
Morgan Creek Floodplain	258

Sites in Stewardship	IMS ID
Naked Creek	261
Nicholls Farm (Troublesome Creek)	441
North Muddy Creek	92611
Perry Property (UT to Pembroke)	283
Pinch Gut Tributary	92518
Powell Property	92548
Puzzle Creek	92522
River Bend	307
Rockwell Pastures	92758
Rowan	317
Scaly Bark Creek Mitigation Site	94148
Sharpe Wetland Preservation	92241
Silver Creek-Conway	92218
Simpson Wetland	92234
Snowbird Tributaries	92764
Stricker Branch	92556
Suther	370
Thompson's Fork and Tributary	92524
Three Mile Creek	92664
Timberlake (Great Dismal Swamp)	92557
Tributary to Reedy Fork Creek	92528
UT Bear Creek (Weaver/McLeod property) (G)	92347
UT to Back Creek	92598
UT to Crab Creek	857
UT to Crooked Creek/Speas Property (G)	434
UT to Goose Creek (Coats)	93876
UT to Haw (Beckom)	92694
UT To The Lumber River	94068
Wildcat Branch	92508
Wolf Pond	92551

CFR Planning Framework

Watershed Planning budgets traditionally focus on finding adequate, cost effective mitigation projects that will provide the optimal environmental returns for the state's mitigation investments. The 2016-2017 biennial budget includes funding to complete the River Basin Restoration Priority (RBRP) update process and incorporate improvements to modeling capacity. The Division has improved its River Basin Restoration Priority (RBRP) processes to realize cost efficiencies and to improve the utility of planing products. The updated process emphasizes functional analyses at variable geospatial scales. This budget also funds RBRP updates for up to five river basins in the state as required by the US Army Corps of Engineers.

The Division of Mitigation Services has included funding for the development of a regional watershed plan for CF 02/03 in anticipation of extensive future mitigation needs. Contingency funding is also included to account for updates to existing plans or development of regional plans within Catalog Units with high impacts as a result of updated TIP prioritization.

Section 332.8 c(2)(x) of the 2008 federal mitigation rule requires periodic evaluation and reporting to determine how the program is meeting its aquatic resource goals and objectives. The Division has incorporated funding for post-implementation monitoring to address this requirement.

Current Watershed Plans (active contracts)*	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Watersheds									
RBRP Process Revisions and Basin Updates**	\$ 75,215			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,215
Subtotal - Project Development Current Contracts Projected Cost	\$ 75,215	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,215

Project Development - New Contracts Projected Cost	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
CF02/03 Regional Plan	\$ -	\$ 8,500	\$ 17,000	\$ 42,500	\$ 96,000	\$ 53,500	\$ 53,500	\$ 29,000	\$ 300,000
Contingency (LWP Updates/RWP Development)	\$ -	\$ -	\$ -	\$ 34,000	\$ 68,000	\$ 68,000	\$ 51,000	\$ 34,000	\$ 255,000
RBRP Basin Updates***	\$ -	\$ -	\$ -	\$ 34,000	\$ 51,000	\$ 68,000	\$ 68,000	\$ 34,000	\$ 255,000
Post-Plan Implementation Monitoring and Modeling	\$ 60,000	\$ 73,000	\$ 75,000	\$ 79,000	\$ 41,000	\$ 45,000	\$ 45,000	\$ 30,000	\$ 448,000
Subtotal - Project Development - New Contracts	\$ 60,000	\$ 81,500	\$ 92,000	\$ 189,500	\$ 256,000	\$ 234,500	\$ 217,500	\$ 127,000	\$ 1,258,000

CFR Planning Framework - TOTAL	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 135,215	\$ 81,500	\$ 92,000	\$ 189,500	\$ 256,000	\$ 234,500	\$ 217,500	\$ 127,000	\$ 1,333,215

NOTES:

*Estimated cost to complete existing planning efforts.

**The Division is contracting out the technical development for the River Basin Restoration Priority (RBRP) methodology. Included in the contract are completion of Catawba and Tar-Pamlico RBRP updates.

***This amount will be used to update additional river basins across the state as required by USACE.

RESOLUTION FOR TROOPER GENE DEMUTH

WHEREAS, Trooper Bobby Gene DeMuth, Jr. served the North Carolina Highway Patrol for 12 years and was assigned to the Rocky Mount Troop C District 1 Office and he also served his country as a United States Marine from 1988 to 1992; and

WHEREAS, Trooper DeMuth began his law enforcement career in 1994 as a deputy with the Wilson County Sheriff's Office until moving over to the Edgecombe County Sheriff's Office and he also served as an officer with the North Carolina Division of Motor Vehicles Enforcement Section before he joined the North Carolina Highway Patrol in Nash County where he served with diligence and honor; and

WHEREAS, Trooper DeMuth was struck and killed on September 8, 2012 on U.S. 64 in Nash County near Spring Hope while attempting to deploy spike strips during pursuit of a felony suspect from Wake County who was wanted on multiple charges; and

WHEREAS, Trooper DeMuth was 42 years old at the time of his death and was the 62nd North Carolina State Patrolman killed in the line of duty and the second Highway Patrolman killed in the line of duty in Nash County; and

WHEREAS, the actions, life and career of Trooper DeMuth serve as a worthy example for all citizens of Nash County and a fitting memorial to his memory is well deserved; and

WHEREAS, the Nash County Board of Commissioners request to name the bridge over Red Oak Road at U.S. 64 in Nash County in honor of Trooper Gene DeMuth.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation name the bridge over Red Oak Road (S.R. 1003) at U.S. 64 in Nash County as the *Trooper Gene DeMuth Bridge*.

That appropriate signs will be erected at a suitable time.

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


Chairman


Secretary of Transportation

DBE/MB/WB LETTING SUMMARY FOR CENTRALLY LET PROJECTS

Federal Contract Awards Summary

Oct 2015 let through May 2016 let

Federal Fiscal Year 2015/2016

	Value Of Contract	DBE Goals Set		DBE Participation Submitted		DBE Participation Split			
						MB		WB	
						\$	%	\$	%
Monthly	46,305,506.80	2,353,832.67	5.1	3,650,865.60	7.9	435,200.00	0.9	3,215,665.00	6.9
FY to Date	441,426,493.81	44,702,685.19	10.1	47,023,714.88	10.7	13,288,863.20	3.0	33,734,851.60	7.6

State Contract Awards Summary

Jul 2015 let through May 2016 let

State Fiscal Year 2015/2016

	Value Of Contract	MB Goals Set		MB Participation Submitted		WB Goals Set		WB Participation Submitted	
		\$	%	\$	%	\$	%	\$	%
		Monthly	48,528,486.20	1,519,699.38	3.1	1,652,728.10	3.4	2,214,513.30	4.6
FY to Date	347,110,924.84	13,330,004.79	3.8	11,154,188.80	3.2	18,093,000.76	5.2	18,230,486.62	5.3

Letting Date(s): May 17, 2016

Award Date: June 2, 2016

Award Subject to Secretary's Approval

LETTING DATES: April 19, 2016
 AWARD DATE: May 5, 2016

Contract Information	County	Work Description	Prime Contractor	ADVERTISED GOALS SET			PARTICIPATION SUBMITTED			GOOD FAITH EFFORT AWARDED		AWARDED BY SECRETARY	
				YES	NO	NO	YES	NO	YES	NO	YES	NO	
2016CPT.02.03.10541.1 C203865	LENOIR	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	BARNHILL CONTRACTING COMPANY	0.0	3.0	4.0	0.0	3.0	4.0			X	
42329.3.1 B-5171 C203727	GRANVILLE	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	FSC II LLC DBA FRED SMITH COMPANY	0.0	3.0	3.0	0.0	3.0	3.0			X	
2016CPT.05.09.10351.1, etc. C203864	FRANKLIN	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	FSC II LLC DBA FRED SMITH COMPANY	0.0	4.0	5.0	0.0	4.0	4.3			X	
52008.3.FS1 NHPP-0095(034) I-5731 C203819	CUMBERLAND	PAVEMENT AND BRIDGE REHABILITATION.	HIGHLAND PAVING COMPANY LLC	9.0	0.0	0.0	9.0	0.0	0.0			X	
53052.3.FS1 NHPP-0074(183) I-5847 C203841	ROBESON	PAVEMENT REHABILITATION.	BARNHILL CONTRACTING COMPANY	3.0	0.0	0.0	3.0	0.0	0.0			X	
2016CPT.06.08.10091.1, etc. C203861	BLADEN, COLUMBUS	WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	BARNHILL CONTRACTING COMPANY	0.0	3.0	4.0	0.0	3.0	4.0			X	
46058.3.1 BRZ-2821(1) B-5344 C203728	GUILFORD	GRADING, DRAINAGE, PAVING & STRUCTURE.	SMITH-ROWE, LLC	7.0	0.0	0.0	7.0	0.0	0.0			X	
52010.3.1, 53005.3.1 NHPP-0040(6)208, NHPIM-0040(7)208 I-5734, I-5762 C203783	GUILFORD	PAVEMENT REHABILITATION.	ALL BIDS WERE REJECTED. PROJECT HAS BEEN READVERTISED.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50080.3.FD1 HSIP-4315(2) W-5510 C203780	FORSYTH	GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.	ALL BIDS WERE REJECTED. PROJECT HAS BEEN READVERTISED.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2016CPT.10.57.10131.1, etc. C203863	CABARRUS, MECKLENBURG	MILLING, RESURF, FULL DEPTH RECLAMATION, AND SHLD RECONST.	BLTYHE CONSTRUCTION, INC.	0.0	3.0	3.0	0.0	3.0	3.0			X	
2016CPT.10.58.20902.8, etc. C203851	UNION	MILLING, RESURFACING, WIDENING, SHLD RECONST AND CONST.	LYNCHES RIVER CONTRACTING, INC.	0.0	4.0	5.0	0.0	4.0	5.0			X	
42308.3.1 B-5147 C203810	ASHE	GRADING, DRAINAGE, PAVING, AND CULVERT.	JAMES R. VANNOY & SONS CONSTRUCTION COMPANY, INC	0.0	1.0	3.0	0.0	1.0	3.0			X	
2016CPT.12.04.10021, etc. C203857	ALEXANDER	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	MAYMEAD, INC.	0.0	3.0	4.0	0.0	3.0	4.0			X	
2016CPT.12.06.10231, etc. C203859	CLEVELAND	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	ASPHALT PAVING OF SHELBY INC	0.0	4.0	5.0	0.0	4.0	5.0			X	
2016CPT.12.08.10491, etc. C203860	IREDELL	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	MAYMEAD, INC.	0.0	3.0	5.0	0.0	3.0	5.0			X	
38908.3.FS2 STP-0064(136) R-4416 C202434	CLAY	GRADING, DRAINAGE, AND PAVING.	WATSON CONTRACTING, INC.	5.0	0.0	0.0	5.0	0.0	0.0			X	
44671.3.1 FLAP019 R-5770 C203856	GRAHAM	PAVEMENT REHABILITATION.	HARRISON CONSTRUCTION COMPANY	3.0	0.0	0.0	3.0	0.0	0.0			X	
52034.3.1 NHPP-0040(018)23 I-5756 C203761	HAYWOOD	PAVEMENT & BRIDGE REHABILITATION, AND GUARDRAIL.	HARRISON CONSTRUCTION COMPANY	2.0	0.0	0.0	2.0	0.0	0.0			X	
17BP.11.R.119 C203855	CALDWELL, WILKES	EXPRESS DESIGN BUILD.	R.E. BURNS & SONS CO., INC.	0.0	2.0	5.0	0.0	2.0	5.0			X	
17BP.11.R.120 C203858	CALDWELL, WILKES	EXPRESS DESIGN BUILD.	MOUNTAIN CREEK CONTRACTORS INC	0.0	2.0	6.0	0.0	2.0	6.0			X	



June 1, 2016

Financial Update

David Tyeryar, Chief Financial Officer



Financial Update

SFYTD 2016 as compared SFYTD 2015

Dollars in Millions			Year to Date		
	April 16	April 15	April 16	April 15	\$ Change
Revenue Collections	\$ 473	\$ 371	\$ 4,129	\$ 3,878	\$ 251
Expenditures	<u>343</u>	<u>286</u>	<u>3,847</u>	<u>3,662</u>	<u>185</u>
Net Change	\$ 130	\$ 85	\$ 282	\$ 216	\$ 66
	April 16	April 15			
Cash Balances:					
Trust Fund	\$ 1,372	\$ 1,100			
Highway Fund*	<u>311</u>	<u>298</u>			
Totals	<u>\$ 1,683</u>	<u>\$ 1,398</u>			

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



Unaudited Financial Report

Transportation

Revenue Summary April 2016

(\$ in Millions)

	April 2016	April 2015	Year Over Year				SFY Budget	
			2015-2016 Actual	2014-2015 Actual	\$	%	Annual Budget	%
State & Federal Receipts:								
Highway Fund *	\$ 188.4	\$ 174.7	\$ 1,687.1	\$ 1,659.6	\$ 27.5	2%	\$ 1,947.8	87%
Highway Trust Fund *	123.7	107.8	1,169.2	1,018.4	150.7	15%	1,312.5	89%
Total State Funds	312.1	282.5	2,856.3	2,678.0	178.2	7%	\$ 3,260.3	88%
Federal Funds/Participation	128.4	85.9	983.7	1,069.5	(85.8)	-8%	1,185.6	83%
GARVEE Reimbursement/NCTA	32.2	2.7	289.3	130.0	159.3	123%		
Total	\$ 472.7	\$ 371.1	\$ 4,129.3	\$ 3,877.5	\$ 251.8	6%	\$ 4,445.9	93%
	April 2016	April 2015	Year Over Year				SFY Budget	
* Memo			2015-2016 Actual	2014-2015 Actual	\$	%	Annual Budget	%
Highway Fund & Trust Fund Details								
Motor Fuel Taxes	\$ 159.3	\$ 156.5	\$ 1,581.5	\$ 1,567.4	\$ 14.1	1%	\$ 1,810.9	87%
Highway Use Tax	64.0	58.6	596.6	534.0	62.6	12%	659.8	90%
DMV/Other Revenue	87.6	66.8	670.5	572.5	98.0	17%	786.6	85%
Investment Income	1.1	0.6	7.7	4.2	3.5	84%	3.0	258%
Total	\$ 312.1	\$ 282.5	\$ 2,856.3	\$ 2,678.0	\$ 178.2	7%	\$ 3,260.3	88%



Unaudited Financial Report

Transportation

Expenditure Summary April 2016

(\$ in millions)

			Year Over Year				SFY Budget	
	Apr-16	Apr-15	2015-2016 Actual	2014-2015 Actual	\$	%	2015-2016 Budget	%
State & Federal Funded Programs:								
Construction	\$ 150.1	\$ 126.3	\$ 1,654.7	\$ 1,602.9	\$ 51.8	3%	\$ 2,088.2	79%
Maintenance	109.5	95.6	990.3	939.7	50.6	5%	1,227	81%
Public Transportation	7.5	6.8	108.2	93.4	14.8	16%	123	88%
Other Modal/Other Programs	10.5	9.6	113.2	115.2	(2.0)	-2%	153	74%
Administration	19.7	23.1	177.7	184.7	(7.0)	-4%	322	55%
Municipal Aid	-	-	147.7	147.1	0.6	0%	147.5	0%
Transfers to Other Agencies	7.6	8.6	41.7	192.7	(151.0)	NA	47.3	88%
Total Expenditures	\$ 304.7	\$ 270.0	\$ 3,233.5	\$ 3,275.7	\$ (42.2)	-1%	\$ 4,108.2	79%
GARVEE/NCTA/Special Initiatives	\$ 38.3	\$ 15.8	\$ 613.6	\$ 385.9	\$ 227.7	59%	337.8	182%



Revenue & Expenditure Variances

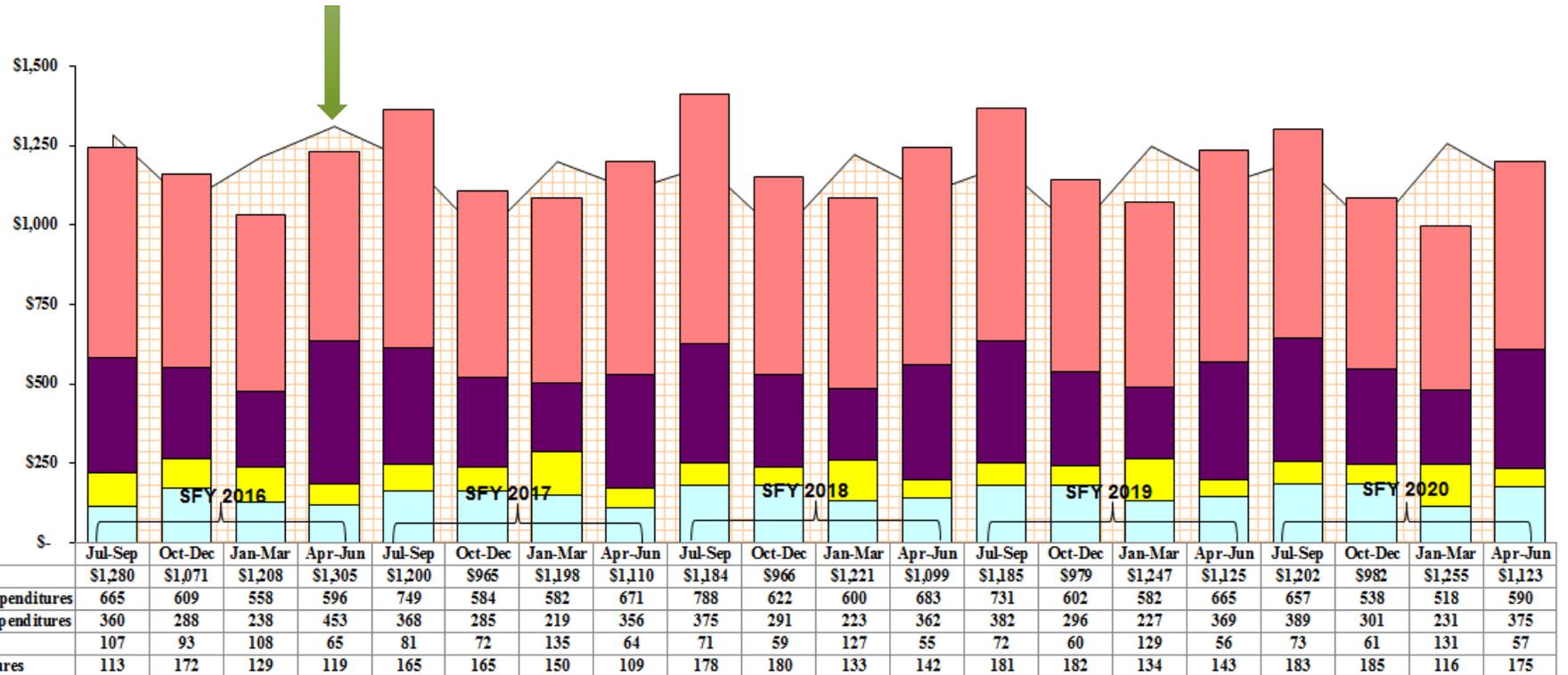
As of April 30, 2016

RECEIPTS		
State & Federal Receipts:	Percent of Budget	Reason for Variance
Highway Use Tax	90%	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	87%	Motor fuel consumption through the third quarter is almost 5% higher than the same period last year.
EXPENDITURES		
State & Federal Funded Programs:		Reason for Variance
Construction	79%	STI expenditures are below projections.
Other Modal/Other Programs	74%	Aviation expenditures are still lagging. 34 new projects ramping up before year end.
Administration	55%	DMV expenditures are up 10% but the other administrative areas are down by 33%. Vacancies are up by 27%. IT is still spending previous year carry forward.



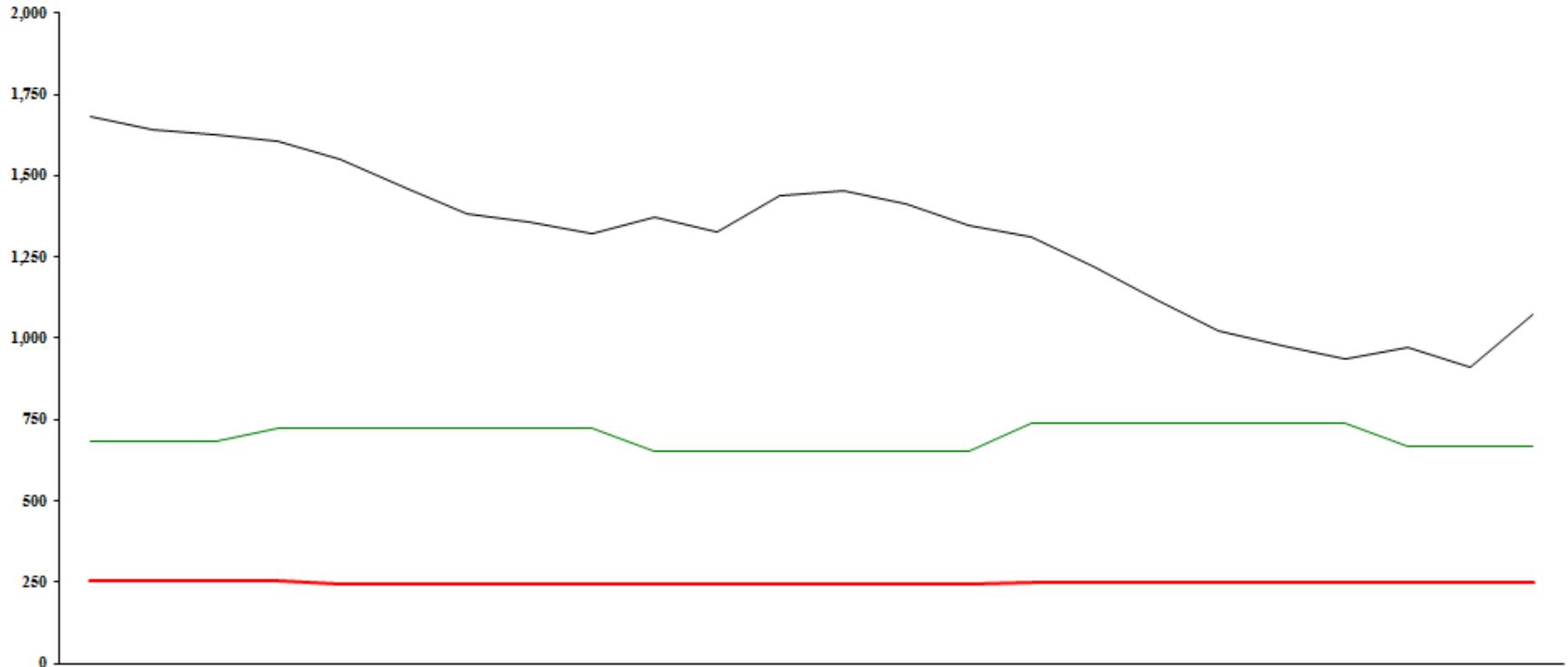
60 Month Cash Model

Revenue & Expenditure Projections as of April 2016



24 Month Cash Model

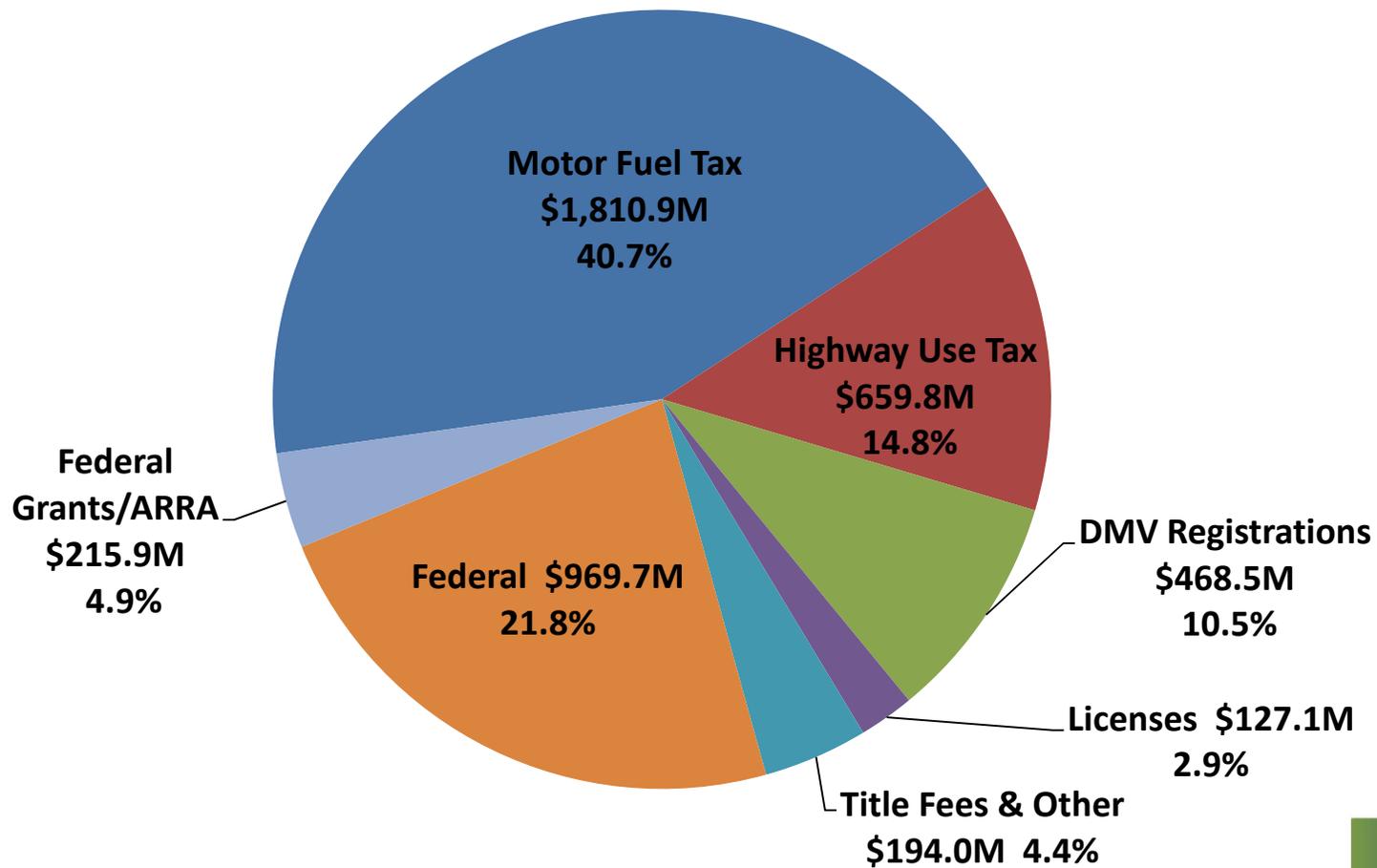
Cash Projections as of April 2016



	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	
Closing Cash Balance	1,683	1,639	1,628	1,608	1,549	1,465	1,384	1,355	1,324	1,373	1,327	1,436	1,453	1,414	1,348	1,311	1,222	1,120	1,025	979	934	971	912	1,072	
Cash Balance Target	680	680	680	725	725	725	725	725	725	652	652	652	652	652	652	738	738	738	738	738	738	738	665	665	665
Cash Balance Floor	255	255	255	255	245	245	245	245	245	245	245	245	245	245	245	249	249	249	249	249	249	249	249	249	249



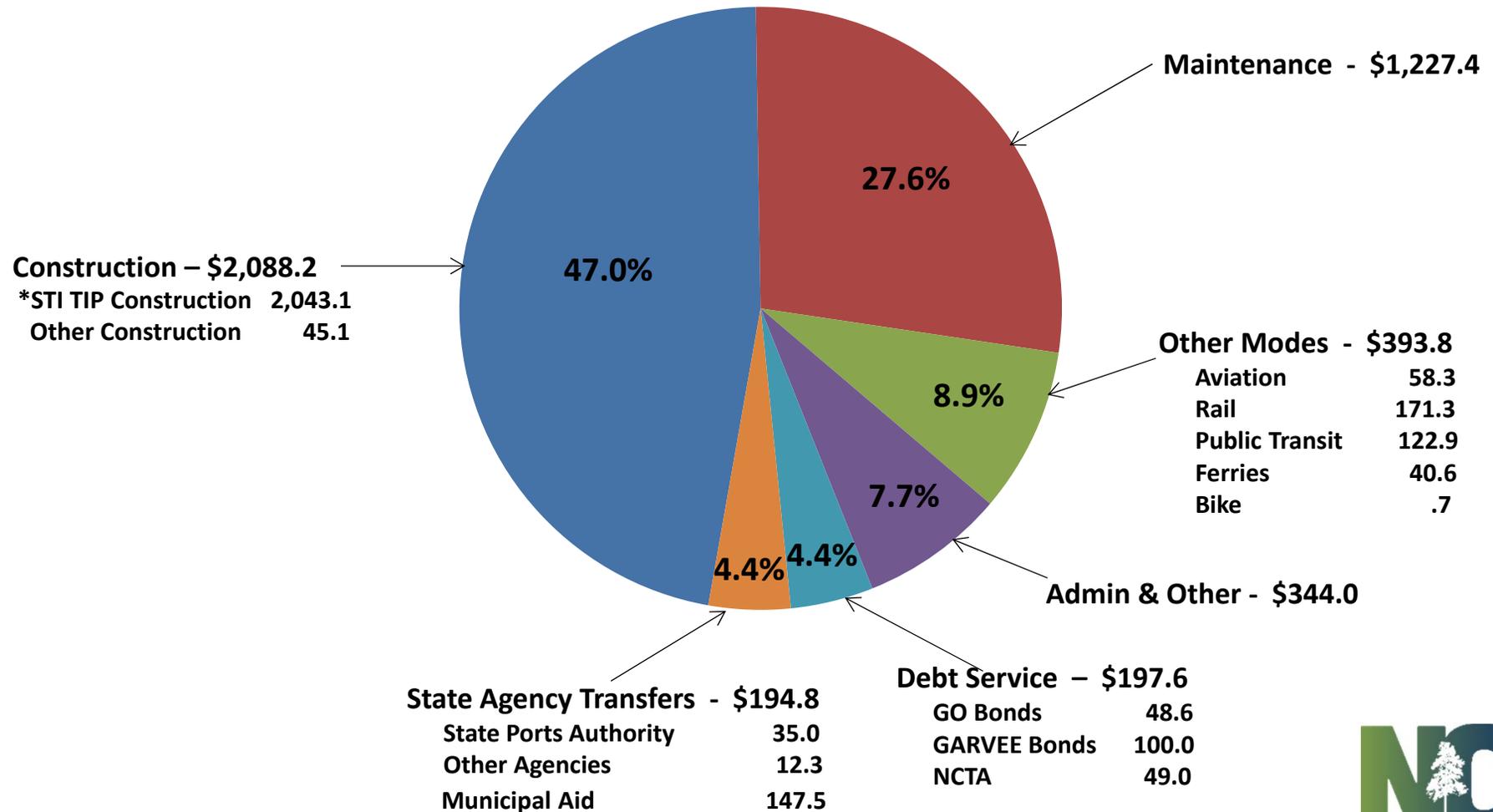
NCDOT Revenue Sources SFY2016 - \$4.4 Billion



Uses of 2015-16 NCDOT Appropriations

Total Funding = \$4.4 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)

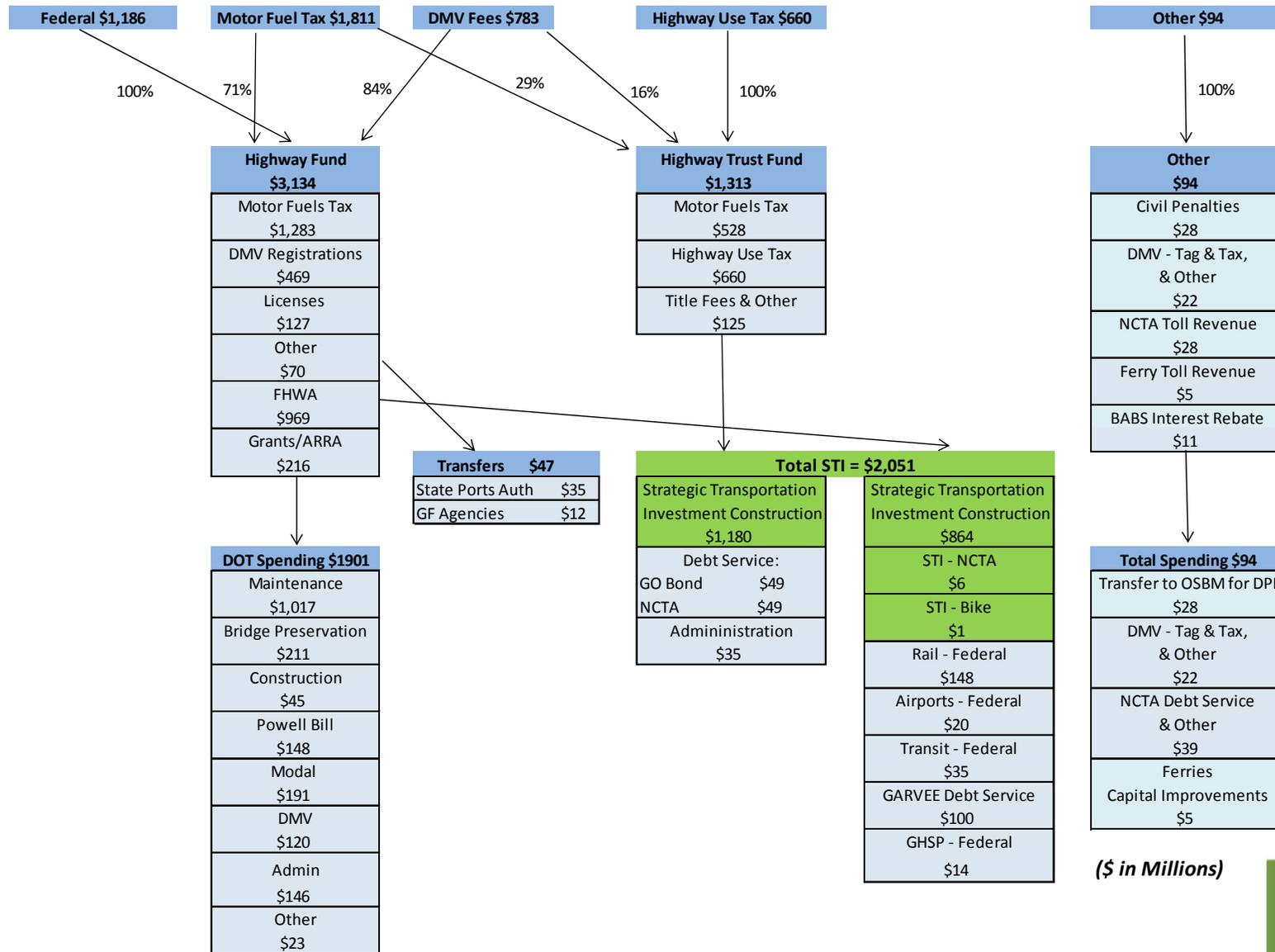


Unaudited Financial Report

Transportation

SFY2016 NCDOT Sources and Uses

Total Funding = \$4.4 Billion



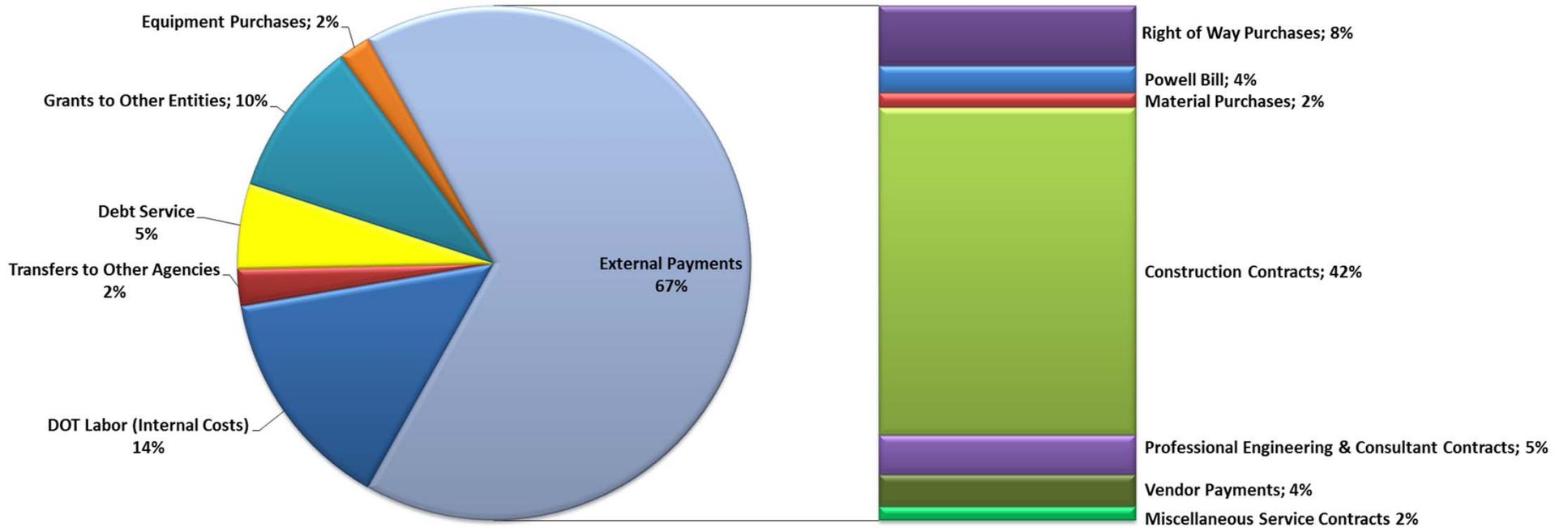
(Includes Receipt Supported Funding of \$0.1B)



Unaudited Financial Report

Transportation

NCDOT Expenditures SFY2016 as of April 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	\$ 96,103,103.79
December	92,793,922.73	159,071,326.49	131,252,531.08	\$ 113,550,459.34	\$ 75,546,643.82
January	356,408,776.77	104,084,869.28	359,662,160.77	\$ 101,068,086.75	\$ 108,405,907.19
February	246,292,023.88	164,653,616.54	160,656,840.86	\$ 164,659,003.95	\$ 330,872,141.70
March	223,848,754.38	285,956,557.24	115,534,131.67	\$ 274,440,078.10	\$ 180,347,524.32
April	173,734,294.47	125,968,286.35	472,735,059.92	\$ 126,678,089.12	\$ 135,885,475.62
May	202,516,469.42	186,589,420.50	127,483,945.94	\$ 554,770,633.05	
June	341,428,007.73	103,102,151.15	309,412,638.16	\$ 329,038,815.45	
Total	\$ 2,656,963,090.58	\$ 1,948,959,283.52	\$ 2,650,058,490.20	\$ 2,736,303,826.06	\$ 1,464,948,416.92



Unaudited Financial Report

Transportation

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 1

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

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 1

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

DIVISION 2

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 2

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

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

DIVISION 3

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 3

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

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

DIVISION 4

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 4

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

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

DIVISION 5

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 5

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

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

DIVISION 6

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 6

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

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

DIVISION 7

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 7

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

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

DIVISION 8

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 8

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

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

DIVISION 9

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 9

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

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

DIVISION 10

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

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 10

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

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

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

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 11

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

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 11

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

DIVISION 12

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

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 12

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

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

DIVISION 13

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

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REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 13

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

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

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

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REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 14

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

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

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REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 14

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

STIP MODIFICATIONS

DIVISION 3

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

DIVISION 4

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

DIVISION 5

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

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REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

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

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

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

DIVISION 7

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

DIVISION 9

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

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

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REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 11

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

DIVISION 12

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

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

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

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>DELAY CONSTRUCTION FROM FY 16 TO FY 18 TO</u>	RIGHT-OF-WAY	FY 2017 -	\$111,000	(STBGDA)
DIVISION	<u>ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2017 -	\$28,000	(L)
	<u>DESIGN. ADD PRELIMINARY ENGINEERING AND</u>	CONSTRUCTION	FY 2018 -	\$426,000	(STBGDA)
	<u>RIGHT-OF-WAY ACQUISITION FUNDING AT THE</u>		FY 2018 -	\$107,000	(L)
	<u>REQUEST OF THE MPO.</u>			\$777,000	

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REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 13

R-2233BB	US 221, SOUTH OF US 74 BUSINESS TO NORTH OF SR	RIGHT-OF-WAY	FY 2018 -	\$19,900,000	(T)
RUTHERFORD	1366 (ROPER LOOP ROAD)	UTILITIES	FY 2018 -	\$3,000,000	(T)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 TO</u>	CONSTRUCTION	FY 2020 -	\$17,767,000	(T)
DIVISION	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>		FY 2021 -	\$17,766,000	(T)
			FY 2022 -	\$17,767,000	(T)
				\$76,200,000	

DIVISION 14

B-4775	SR 1309 (CRANFORD ROAD), REPLACE BRIDGE 550017	RIGHT-OF-WAY	FY 2017 -	\$50,000	(STPOFF)
MACON	OVER WAYAH CREEK.	CONSTRUCTION	FY 2018 -	\$450,000	(STPOFF)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>			\$500,000	
DIVISION	<u>CONSTRUCTION FROM FY 17 TO FY 18 TO ALLOW</u>				
	<u>ADDITIONAL TIME FOR PLANNING.</u>				

B-4792	SR 1102 (PEARSON FALLS), REPLACE BRIDGE 740004	CONSTRUCTION	FY 2016 -	\$650,000	(STPOFF)
POLK	OVER FORK CREEK (SMALL BRANCH OF PACOLET			\$650,000	
PROJ.CATEGORY	RIVER).				
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 17 TO FY 16.</u>				
	<u>UTILITY ISSUES RESOLVED.</u>				

B-5905	US 23 BUSINESS, REPLACE BRIDGE 490027 OVER	RIGHT-OF-WAY	FY 2017 -	\$270,000	(STPON)
JACKSON	SCOTT CREEK AND SOUTHERN RAILROAD.	CONSTRUCTION	FY 2019 -	\$2,700,000	(STPON)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 18 TO FY 19 TO</u>		FY 2020 -	\$2,700,000	(STPON)
REGIONAL	<u>ALLOW ADDITIONAL TIME FOR COORDINATION WITH</u>			\$5,670,000	
	<u>THE RAILROAD.</u>				

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

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP DELETIONS

DIVISION 10

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

DIVISION 12

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

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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-5199	GoTriangle (CAMPO)	Purchase of Replacement Paratransit Vehicles (3) and Related Equipment	FUZ	5307		226					
			State	S		28					
			Local	L		28					
TA-5200	GoTriangle (CAMPO)	Purchase of Replacement Buses (5)	FUZ	5307		1,880					
			State	S		235					
			Local	L		235					
TA-5201	GoTriangle (CAMPO)	Purchase of Replacement Bus (1) and Vanpool Vehicles (5)	FBUS	5339		502					
			State	S		63					
			Local	L		63					
TD-5278	GoTriangle (CAMPO)	Facility Maintenance and Operations Center Mezzanine Project – Design, Engineering, and Construction	FUZ	5307		72	85	243			
			State	S		9	11	30			
			Local	L		9	11	30			
TA-5202	GoRaleigh	ADA Expansion Bus	FUZ	5307	240	240	240				
			L	L	188	188	188				
			FBUS	5339	240	240	240	240	240		
			L	L	188	188	188	188	188		
TG-4806	C-Tran	Preventive Maintenance, bus facilities, support equipment, and software	FUZ	5307	300	300	300	300	300		
			Local	L	75	75	75	75	75		
			FBUS	5339	480	175	180	185	190		
			Local	L	120	45	45	50	50		
TT-5209	GoRaleigh	Computer Aided Dispatch and Bus Tracking system	5307	STPDA		1,069					
			Local	L		267					
TD-4943	GoRaleigh	Facility Transit Center – Moore Square Station Expansion	FUZ	5307	1,400						
			Local	L	350						
TD-5274	GoRaleigh	Facility – Paratransit-Renovation, GoRaleigh/Wake Coordinated	FBUS	5339	1,650	850					
			Local	L	413	213					

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MODIFICATIONS to the Transit 2016-2025 STIP

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

Item I-1B, 12 Projects, Total Federal/State funds \$29,213,000



Board of Transportation Meeting | June 2, 2016

Piedmont Improvement Program Update

Paul C. Worley, Rail Director



Background

- One of the largest single improvements to NC rail infrastructure in modern times
- Funded through \$520 million ARRA grant from FRA (plus \$44M from other funding sources)
- Targeted capacity and safety projects
- All ARRA funds must be expended by September 30, 2017



Federal Railroad Administration

ARRA Funding Status

94% of \$520M contracted

74% has been spent



PIP Project Status

Work to date:

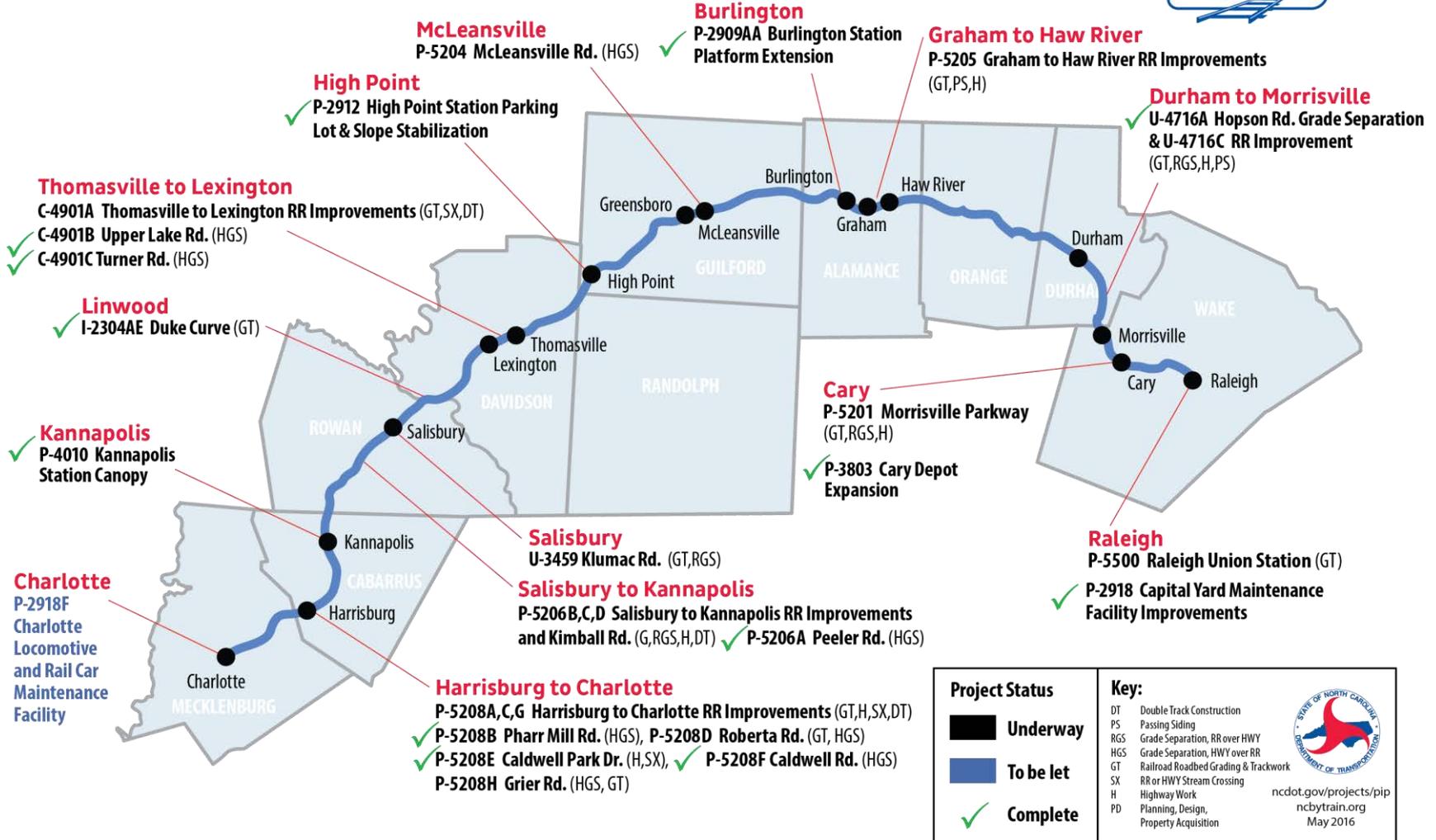
- 6 highway bridges completed
- 24 at-grade crossings closed
- Station improvements completed
 - Cary, High Point, Kannapolis, Burlington
- Raleigh Maintenance Facility expanded
- 5 locomotives rebuilt, 10 railcars refurbished

What we expect to complete in 2016:

- The final 6 bridges and 15 crossing closures
- 2 passing sidings between Greensboro and Cary
- Majority of the 27 miles of second track construction between Charlotte and Greensboro
- 2 locomotives and 2 cab control units rebuilt



Piedmont Improvement Program Projects



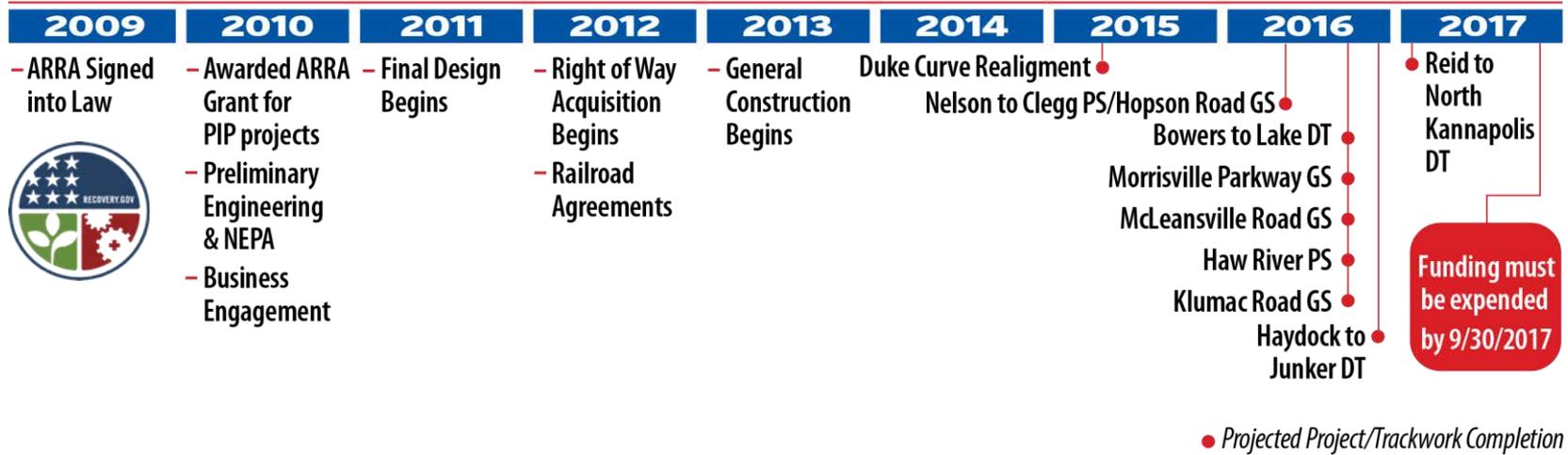
NC By Train – Piedmont Equipment – 7 Locomotives, 11 Railcars, 2 Cab Control Units*



2 Additional Cab Control Units from non-ARRA funding*

PIP Track and Structures Timeline

Final year of PIP program – primarily track construction by NS



Passenger Stations

Completed Station Improvements:

- Cary Station expansion
- Burlington platform extension
- High Point parking lot expansion/slope stabilization
- Kannapolis Station canopy

Current Project Status:

- Raleigh Union Station
 - Construction underway for building
 - Grading for tracks, grubbing and cleaning for S-Line Relocation
- Charlotte Railcar and Locomotive Maintenance Facility
 - Building to bid in June
 - Access track construction underway by NS
- PIDS
 - Installation for 3 stations to bid in June
 - Additional stations to be bid as funds allow

Piedmont Equipment

- All railcar rebuilds complete
- Two locomotives and two cab control units (CCU) currently being rebuilt by Norfolk Southern at Altoona, PA shop
- Scheduled for completion by December 2016

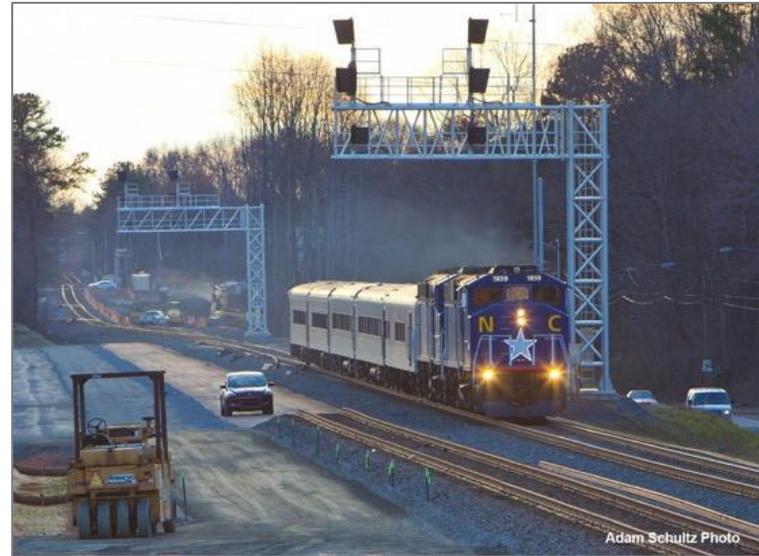


Recycled Equipment:

- Cost to rebuild locomotive – 30% cost of comparable new locomotive
- Cost to rebuild CCUs – 30% cost of comparable new CCU
- Cost to rebuild railcars – less than half cost of new railcar

PIP Outcomes

- Increased capacity to handle additional passenger trains while accommodating anticipated freight growth
- Improved operating speeds and ride quality
- Improved schedule reliability and minimize trip times
- Two additional Piedmont round trips upon completion
- NCDOT led safety initiative; significant number of grade crossing closures
- Stimulate job creation; provide opportunities to NC regional businesses



Morrisville Parkway

- 1.5-mile main line realignment
- New bridge over Morrisville Parkway
- Eliminates major four-lane crossing
- Complete in Fall 2016



Nelson-Clegg Passing Siding

- 3.3-mile passing siding
- Breaks up 14-mile single track gap
- New bridge over Hopson Road – *complete*
- 2 public crossings eliminated
- Complete Spring 2016



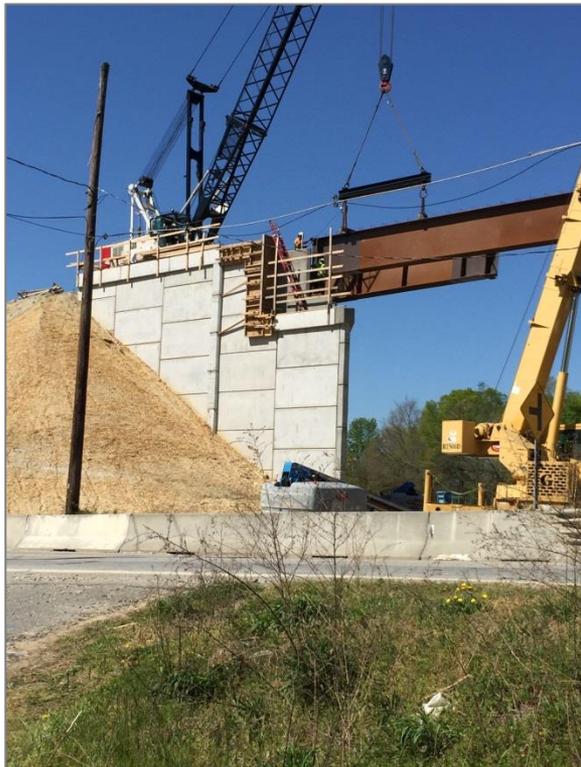
Haw River Passing Siding

- 2-mile passing siding
- Breaks up 22-mile single track gap
- Half-mile 30-foot deep cut on new location
- Crossing improved at Pomeroy Road
- Complete in Fall 2016



McLeansville Road Grade Separation

- Closes 2 public crossings and 1 private crossing
- Eliminates crossings from passing siding
- Complete in Fall 2016



Duke Curve Realignment

- Improves operating speed from 45mph to 65mph
- Facilitated by NCDOT project for longer I-85 span over railroad
- Completed in Spring 2015



Klumac Road Grade Separation

- Removed Klumac Road crossing
- Culminates extensive program of closures in Salisbury
- Complete in Fall 2016



Bowers to Lake Double Track

- 4 miles of double track
- Control point with Number 24 turnouts
- 3 public crossing closures
- 2 highway bridges – *complete*
- 3 railroad bridge improvements
- Complete in Fall 2016



Reid to North Kannapolis Double Track

- 10 miles of double track
- 2 control points with Number 24 turnouts
- 10 crossing closures
- 2 highway bridges – *1 complete*
- Curve improvements
- Complete by early 2017



Haydock to Junker Double Track

- 12 miles of double track
- 2 control points with Number 24 turnouts
- 8 crossing closures
- 4 highway bridges – 3 *complete*
- Curve improvements
- Complete by late 2016



PIP Outcome

- Delivering the PIP is a significant challenge due to the large scope of work, multiple parties and contracts, and the fixed funding schedule
- The extreme challenge worth the effort – resulting safe, high capacity and modern infrastructure connecting the key population centers of North Carolina for both freight and passengers



Questions?





Board of Transportation, June 1, 2016

Product Evaluation Program Awareness

Natalie Roskam, PE



Product Highlight (Approved)

SikaSet NC

- SikaSet NC is a calcium nitrate based liquid admixture.
- Used as an accelerator to obtain high early strength in concrete when the use of calcium chloride is prohibited.
- Increases early and ultimate compressive and flexural strengths.
- Earlier stripping and reuse of forms increases labor productivity.
- Meets ASTM C 494/AASHTO M 194, Type C & E.



Product Highlight (Under Evaluation)

Rhino Lining Sectional Liner

- Rhino Lining Sectional Liner is a non-draining epoxy system.
- Used to produce epoxy composite pipes and cured-in-place pipe repairs.
- Rehabilitates underground pipes from 2" to 102" diameter and with bends up to 90 degrees without the need for pipe removal.
- Cures very fast with mild (120°F) heat.
- Meets ASTM F 1216.





Transportation

JOINT COMMITTEE MEETING (FAST/EDIR) MEETING MINUTES

DATE: 5/4/2016 TIME: 2:00 LOCATION: 150

MEETING CALLED BY	Chairwoman Cheryl McQueary
BOARD ATTENDEES	FAST Chairwoman Cheryl McQueary, EDIR Chairman Terry Hutchens, FAST Vice Chairman Jim Crawford, Mr. Ned Curran, Mr. Andy Perkins, Mr. David Brown, Mr. Patrick Molamphy, Mr. Gus Tulloss, Mr. Jack Debnam, Mr. Malcolm Fearing, Ms. Sandra Fountain, Ms. Tracy Dodson, Mr. Jeff Sheehan, Mr. Lou Wetmore, Mr. David Tyeryar (staff), Mr. Sebastian Montagne (Staff)

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF APRIL MINUTES – CHAIRWOMAN MCQUEARY	
DISCUSSION SUMMARY	Moved by Mr. Perkins, seconded by Mr. Brown
ACTIONS TAKEN	Approved unanimously

2. ECONOMIC IMPACT OF FREIGHT – CHARLES EDWARDS	
DISCUSSION SUMMARY	Presentation: Information provided on the impact of freight on North Carolina. Data used from 2013 on 14 key supply chain sectors engaged in sourcing of inputs, production, distribution and/or delivery of good and services to downstream of consumer markets. Study did not include finance, customer service, real estate, wholesale, retail, food/beverages and most agriculture. Key findings included employment of 1,249,000, GDP contribution of \$150.8B and \$32.1B in taxes.
ACTIONS TAKEN	Information only. No action taken.

3. REMNANT PROPERTY – GREG PERFETTI	
DISCUSSION SUMMARY	Presentation: Information provided on remnant property owned by NCDOT – where it's located, how much it's worth and what NCDOT is doing about it. Remnant property is acquired in accordance with a highway project and falls outside of right of way. Properties are catalogued and classified with a plan of disposition by way of a bid process. Classification is based on anticipated use and value. Mr. Fearing and Mr. Debnam brought up concerns as to how properties are advertised and sold. It was explained NCDOT has to follow the Administrative Code. Mr. Brown asked about maintaining properties. Though it is NCDOT's responsibility, we do little to maintain properties. NCDOT would like to be able to revise the code to get rid of obstacles and obtain property management services. We can negotiate a flat fee, however we can pay a commission to a realtor. Mr. Tyeryar explained we will test ideas on Class B properties as to not lose money. Proceeds from sales go to the General Fund and a portion to NCDOT unless purchased with federal funds. Then, the money returns to the federal side. It limits motivation to dispose of remnant properties.
ACTIONS TAKEN	Information only. No action taken.

4. STATE PROPERTY OFFICE – TIM WALTON, JOHN WEBB	
DISCUSSION SUMMARY	Presentation: Mr. Walton discussed difficulties with the properties: a realtor won't spend money on advertising without an exclusive listing. Properties are expensive to appraise so



Transportation

JOINT COMMITTEE MEETING (FAST/EDIR) MEETING MINUTES

	<p>government uses neighboring properties rather than tax values. Sometimes the only interested party is the adjacent property owner. Well selling a property, SPO advertises in local papers and posts sell on website. Mr. Fearing asked why so many leases on list are expired (95 of 115). SPO explained the list is outdated and agreed to provide an updated list. What is the process of letting the public know a lease is up for renewal? Can the public bid on a lease? Do we let current tenant know when the lease is expiring and give them the opportunity to renew or bid on the lease? Mr. Webb explained agencies are notified when a lease is due to expire. SPO notifies agency. It is the agency's responsibility to notify tenant. SPO can't do anything with the lease until they receive information from the agency. Committee needs a copy of lease renewal process. Mr. Molamphy asked about how we handle landlords who do not maintain property. There is a clause where government can take maintenance costs from rent.</p>
ACTIONS TAKEN	Information only. No action taken.

Adjourned: 3:04



JOINT COMMITTEE MEETING (FAST/EDIR) AGENDA

BOARD OF TRANSPORTATION JUNE 1, 2016

TIME: 1:30 p.m. – 3:00 p.m.

LOCATION: Room 150

TOPIC	PRESENTER
Call to Order - Approval of May minutes	C. McQueary, Chairwoman FAST T. Hutchens, Chairman EDIR
State Freight Plan Kickoff	Terry Arellano
North Carolina Military Affairs Commission (NCMAC) Update	Cornell Wilson Jr., Major General, USMC Retired, Military Affairs Advisor
Policies and Procedures for Procurement and Administration of Major Professional or Specialized Services Contracts	Rodger Rochelle, Robert Stroup
Analysis and Improvement Opportunities for Appraisals of Property (Construction Projects)	Mike Holder
Comments and Wrap-up	Cheryl McQueary, Chairwoman FAST



June 1, 2016



*Analysis and Improvement Opportunities for
Appraisals of Property (Construction Projects)*

Mike Holder, Chief Engineer



Analysis and Improvement Opportunities for Appraisals of Property (Construction Projects)

March 2016 to Present

Status		Study Recommendations	Information
✓	Complete	Refine Process Analysis	Identify redundancies, duplication, non-value added activities, time compression (sequential vs. concurrent activities)
✓	Complete	Refine Recommendations	In collaboration with NCDOT Chief Engineer, Right of Way Unit and Appraisal Unit, select and prioritize recommendations (Cycle Time Reduction Recommendations: 49, selected 13; Condemnation Reduction Recommendations: 17, selected 3)

Analysis and Improvement Opportunities for Appraisals of Property (Construction Projects)

June 2016 - January 2017

Status		Study Recommendations	Information
	In Progress	Pilot and finalize recommendations - July 2016	<ul style="list-style-type: none"> * Streamline Contracting Process * Automate Forms * Create a standard ROW "Active / Closed Project" Reporting System * Reduce Workflow Hand-Offs * Utilize "Connect NCDOT" * Standardize Appraisal Format * Select Appraiser and Reviewer concurrently * Better workload distribution to Fee Appraisers and Reviewers * Increase Claim Report Usage * Right of Entry Agreement Usage * Formalize preliminary plan review for potential ROW issues * Determine methods to minimize plan changes that impact ROW
	In Progress	Pilot and finalize recommendations - August 2016	<ul style="list-style-type: none"> * Establish Limited Services Contracts for Fee Appraisers and Fee Reviewers * Once plans are received; Negotiation, Appraisal and Relocation partnership process for all project types
	In Progress	Pilot and finalize recommendations - September 2016	<ul style="list-style-type: none"> * Investigate if Negotiation, Appraisal, Relocation, and Others (i.e., Septic/Well Evaluator) could be at the initial meeting
	In Progress	Pilot and finalize recommendations - January 2017	<ul style="list-style-type: none"> * Incentivizing timely acquisition and/or decreasing condemnation (Design Build)



Transportation

JOINT COMMITTEE MEETING (FAST/EDIR) MEETING MINUTES

DATE: 5/4/2016 TIME: 2:00 LOCATION: 150

MEETING CALLED BY	Chairwoman Cheryl McQueary
BOARD ATTENDEES	FAST Chairwoman Cheryl McQueary, EDIR Chairman Terry Hutchens, FAST Vice Chairman Jim Crawford, Mr. Ned Curran, Mr. Andy Perkins, Mr. David Brown, Mr. Patrick Molamphy, Mr. Gus Tulloss, Mr. Jack Debnam, Mr. Malcolm Fearing, Ms. Sandra Fountain, Ms. Tracy Dodson, Mr. Jeff Sheehan, Mr. Lou Wetmore, Mr. David Tyeryar (staff), Mr. Sebastian Montagne (Staff)

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF APRIL MINUTES – CHAIRWOMAN MCQUEARY	
DISCUSSION SUMMARY	Moved by Mr. Perkins, seconded by Mr. Brown
ACTIONS TAKEN	Approved unanimously

2. ECONOMIC IMPACT OF FREIGHT – CHARLES EDWARDS	
DISCUSSION SUMMARY	Presentation: Information provided on the impact of freight on North Carolina. Data used from 2013 on 14 key supply chain sectors engaged in sourcing of inputs, production, distribution and/or delivery of good and services to downstream of consumer markets. Study did not include finance, customer service, real estate, wholesale, retail, food/beverages and most agriculture. Key findings included employment of 1,249,000, GDP contribution of \$150.8B and \$32.1B in taxes.
ACTIONS TAKEN	Information only. No action taken.

3. REMNANT PROPERTY – GREG PERFETTI	
DISCUSSION SUMMARY	Presentation: Information provided on remnant property owned by NCDOT – where it's located, how much it's worth and what NCDOT is doing about it. Remnant property is acquired in accordance with a highway project and falls outside of right of way. Properties are catalogued and classified with a plan of disposition by way of a bid process. Classification is based on anticipated use and value. Mr. Fearing and Mr. Debnam brought up concerns as to how properties are advertised and sold. It was explained NCDOT has to follow the Administrative Code. Mr. Brown asked about maintaining properties. Though it is NCDOT's responsibility, we do little to maintain properties. NCDOT would like to be able to revise the code to get rid of obstacles and obtain property management services. We can negotiate a flat fee, however we can pay a commission to a realtor. Mr. Tyeryar explained we will test ideas on Class B properties as to not lose money. Proceeds from sales go to the General Fund and a portion to NCDOT unless purchased with federal funds. Then, the money returns to the federal side. It limits motivation to dispose of remnant properties.
ACTIONS TAKEN	Information only. No action taken.

4. STATE PROPERTY OFFICE – TIM WALTON, JOHN WEBB	
DISCUSSION SUMMARY	Presentation: Mr. Walton discussed difficulties with the properties: a realtor won't spend money on advertising without an exclusive listing. Properties are expensive to appraise so



Transportation

JOINT COMMITTEE MEETING (FAST/EDIR) MEETING MINUTES

	<p>government uses neighboring properties rather than tax values. Sometimes the only interested party is the adjacent property owner. Well selling a property, SPO advertises in local papers and posts sell on website. Mr. Fearing asked why so many leases on list are expired (95 of 115). SPO explained the list is outdated and agreed to provide an updated list. What is the process of letting the public know a lease is up for renewal? Can the public bid on a lease? Do we let current tenant know when the lease is expiring and give them the opportunity to renew or bid on the lease? Mr. Webb explained agencies are notified when a lease is due to expire. SPO notifies agency. It is the agency's responsibility to notify tenant. SPO can't do anything with the lease until they receive information from the agency. Committee needs a copy of lease renewal process. Mr. Molamphy asked about how we handle landlords who do not maintain property. There is a clause where government can take maintenance costs from rent.</p>
ACTIONS TAKEN	Information only. No action taken.

Adjourned: 3:04



JOINT COMMITTEE MEETING (FAST/EDIR) AGENDA

BOARD OF TRANSPORTATION JUNE 1, 2016

TIME: 1:30 p.m. – 3:00 p.m.

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June 1, 2016



*Analysis and Improvement Opportunities for
Appraisals of Property (Construction Projects)*

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Analysis and Improvement Opportunities for Appraisals of Property (Construction Projects)

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Analysis and Improvement Opportunities for Appraisals of Property (Construction Projects)

June 2016 - January 2017

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HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 05-04-2016 TIME: 10:30 AM – 12:00 PM LOCATION: 150

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

AGENDA TOPICS

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

2. US 70 GOLDSBORO BYPASS PROJECT – TIM LITTLE, PE	
DISCUSSION SUMMARY	The Goldsboro Bypass project (R-2554) is split into 3 projects/4 sections: A, BA, BB and C. It is a 22 mile interstate standard corridor with an overall construction cost of \$232M. (It is expected that AASHTO will grant the Department final approval on interstate designation in May.) The project includes 8 interchanges and provides for improved travel times on US 70 by avoiding 11 signalized intersections and alleviating congestion created by mixing local traffic, heavy tourist traffic, and freight traffic. The A portion, the western section from US 70 tie in to I-795, is 5.9 miles long and was completed in 2015. This section has 2 interchanges, 7 structures and the highest MSE walls east of I-95. The BA section, from I-795 to Wayne Memorial Drive, is 3.9 miles long with 3 interchanges and 16 structures and was the first section to be completed in 2011. The BB and C sections, from Wayne Memorial Drive to US 70, are 12.5 miles long with 3 interchanges and 26 structures and are scheduled for completion in the summer of 2016. The contractors are doing the final paving and striping now and have asked for a final inspection in mid-May. This portion should be open in June and the Department plans to hold a ribbon cutting ceremony for that section.
ACTIONS TAKEN	



Transportation

HIGHWAYS COMMITTEE MEETING MINUTES

<p>3. AUTONOMOUS VEHICLES – KEVIN LACY, PE</p>	
<p>DISCUSSION SUMMARY</p>	<p>The terms “connected vehicles” and “autonomous vehicles” are often used interchangeably however it was clarified that they actually have different meanings. Connected vehicles connect the vehicle to something else: other vehicles, infrastructure, navigational aids, signals, etc. that provide information to the vehicle. Autonomous vehicles may have some connected capability. There are several varying levels of autonomy ranging from features such as cruise control and automatic wipers and lights, to lane departure warnings and parking assist all the way to a fully automated system that does not require a driver. As connected and autonomous vehicle technologies develop, there will be more questions than answers. Details for government regulation, liability, public acceptance/trust, transportation planning needs, and road maintenance will have to be fleshed out probably sooner than later considering the rate of advancement and likely adoption rate of these vehicles. Most important to our stakeholders is the question of what does this mean for NCDOT? What will be the effect on driver licensees and registration? What will the effect on public transportation be? In the case of fully automated vehicles, the government may decide not to allow truck to move without drivers and the companies may still want a driver to provide security. As a result of all these questions, the Department has started a comprehensive study to look at this issue holistically from the state perspective. The two key project objectives are 1 - to Assess the Department and the state’s current conditions with regard to autonomous vehicle (AV) testing and operations for the immediate term, medium term, and long term and 2 – to Assess the Department and the state’s current conditions with regard to autonomous vehicle (AV) testing and operations for the immediate term, medium term, and long term. The deliverables include identification of motor vehicle laws that may need revision, review of other statutes that may need to be revised or discussed and recommendations on key activities the state should consider and which activities may be more critical. The final report is expected in the Summer of 2016 with a meeting/workshop on the topic with stakeholders, legislators and industry to take place in February of 2017.</p>
<p>ACTIONS TAKEN</p>	
<p>4. I-40/I-77 INTERCHANGE PROJECT: STATESVILLE – MARK STAFFORD, PE</p>	
<p>DISCUSSION SUMMARY</p>	<p>Where I-40 and I-77 meet is a very important crossroad for NC. The original design, which opened in the late 1960’s, has outlived its service life. The current 70,000 vehicles per day (vpd) far exceeds the original traffic projection of 5,000 vpd and it is expected to reach 110,000 vpd by 2035. The construction for the project (I-3819A) includes a WB I-40 collector distributor, widening of I-40, a Diverging Diamond Interchange (DDI), several new bridges and ramps, a reconnection of Gaither Rd, the closing of an existing interchange at US 64 and several noise and retaining walls. The 3.36 mile, \$121M project was let to construction in June of 2012 and is currently 74% complete. The contract completion date is scheduled for mid-November 2016. Communication for the project has been key for public education during construction. The Division utilizes news/press releases, lane closure information, DDI visualization, twitter updates and provides contact information. The DDI at I-40 and US 21 will eliminate the need for conflicting left turn movements, eases congestion and allows US 21 to flow more freely. The next section of the project, I-3819B, includes additional lanes on I-40 and I-77, multiple flyover structures, a new interchange at I-77 and Broad Street, a new bridge on Davie Ave over I-77 and noise walls along I-77. This project was accelerated in the STIP due to HB 97 and is currently slated as a Design Build project. The expected let date is September 2018.</p>
<p>ACTIONS TAKEN</p>	



Transportation

HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION JUNE 1, 2016

TIME: 10:30 AM – 12:00 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
U-0071 - East End Connector Project	Joey Hopkins, PE	20 min
Oversize/Overweight Permits	Kevin Lacy, PE	20 min
Equipment Operations	Scott Capps, PE	20 min
Other Discussion	Jake Alexander	30 min



Highways Committee
June 1, 2016
NCDOT Equipment Operations
Scott Capps, PE, CEM



NCDOT Fleet and Material Management Updates

Mission

Fleet Management

Financing

- Revolving Fund
- Rental Rate Calculator

Analysis

- ECU/UNCC Analysis Tool
- Utilization Audit
- Disposal Analysis
- Rent verses Own
- Repair verses Replace
- Fair Share

Initiatives



Mission

It is the mission of the Fleet and Material Management Unit (FMMU) to provide vehicles, equipment, and inventoried materials in support of the 14 Transportation Divisions and Central Units for the Division of Highways. This is accomplished through the acquisition, maintenance, and disposal of vehicles and equipment and the acquisition, warehousing, and distribution of materials and supplies to the field units.

The FMMU manages and maintains 118 fueling sites, 108 shop facilities, 22 weigh stations, and maintains a statewide radio system. The FMMU provides vehicle, equipment, and fleet training to personnel staffed within FMMU and the 14 Transportation Divisions. These primary functions are accomplished through four subsidiary sections within the unit; Fleet Support, Operations and Material Management, Procurement and Specifications.



Fleet Management

- 118 Fuel Sites
- 108 Shop/Sub-shops
- 22 Weigh Stations
- Fleet Management
 - 24,911 Units (23,755 - 2014)
 - \$690,519,056 (Acquisition Value)
 - \$507,183,866 (Accumulated Depreciation)
 - \$183,335,190 (Book Value)
 - Depreciation 58% (63% - 2014)
- Central Warehouse Operations
 - 5,167 Units (8579 - 2014)
 - \$5,996,493 (\$6,529,395 - 2014)



Financing

Revolving Fund

- “DOT’s using revolving funds for financing fleet replacement costs reported that the source of monies is a system of charge-back rates. Most DOT’s using charge-back rates reported that:
 - (1) revenues cover all costs
 - (2) all rates have been updated in the past two years
 - (3) specific methods are used for setting charge-back rates
 - (4) replacement reserves in the revolving funds are almost never raided to meet other spending needs.”
- “No other financing method has such a high level of satisfaction.”

(NCHRP synthesis 452 – State Department of Transportation Fleet Replacement Management Practices)



Financing

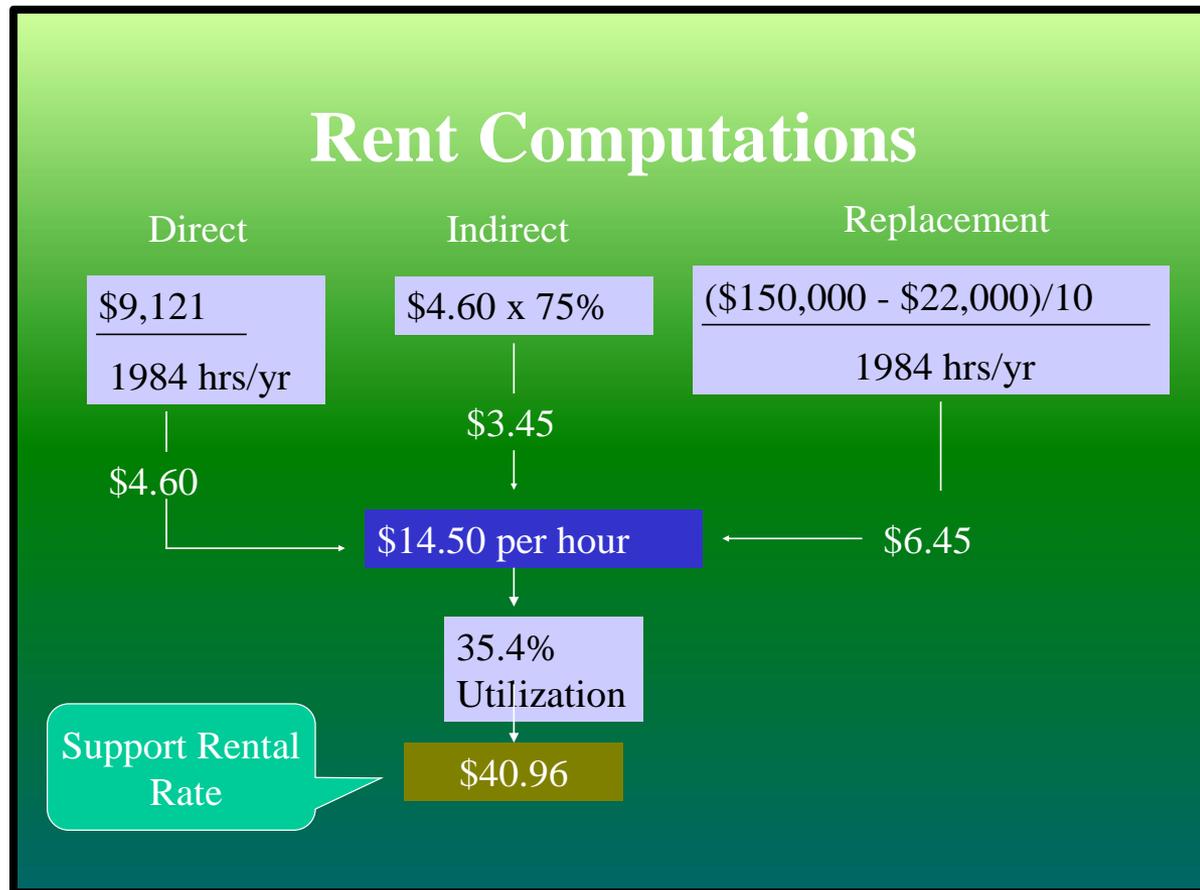
Rental Rate Calculator (Example)

- Active Motor Graders (0900): 503
- Direct Costs : \$4,587,870 (\$9,121 per grader)
- Total Available Hours (1984 X 503) = 997,952 hours
- Rental Hrs Reported on FR1101 : 353,285 hours
- Utilization: $353,285 / 997,952 = 35.4\%$
- Indirect Costs: 75% of Direct Costs
- Replacement Costs: \$150,000/ unit
- Life Cycle : 10 years
- Average Salvage Value: \$22,000



Financing

Rental Rate Calculator (Example)



Analysis

- Analysis/Data Driven Decision Making
 - Optimal Disposal Points (UNCC/ECU)
 - Life Cycle Cost Analysis (UNCC/ECU)
 - Baseline Utilization Rates per Class Code
 - Fleet Optimization Scenario Analysis (UNCC/ECU)
 - Cost of Repair verses Replace



Analysis

NCHRP Synthesis 452

“Decision Support Methods DOT’s use for Planning Asset Replacements”

1. **Replacement cycle polices based on formal analysis of life cycle costs.**
 2. Replacement cycle policies based on judgement, experience, rules of thumb, etc.
 3. Multiyear fleet replacement plans showing future replacement dates and costs by asset.
 4. Replacement lists that identify assets meeting pre-defined criteria (e.g., age or mileage).
 5. Methods for prioritizing specific assets for replacement when funds are insufficient to replace every asset that should be replaced.
 6. **Repair verses replace tools or policies that target specific assets needing expensive repairs.**
- ECU/UNCC Research Project (Example ½-ton Pick-ups)
 - Disposal Analysis
 - Utilization Report



Analysis Example

Economic Analyses Summary NCDOT Equipment and Inventory Control

Class:	0201
Description:	TRUCK, 5000 GVW
Functional Code:	All (3)
Fleet Status Summary	
Data from year	2014
Number of units	2,208
Average annual usage	12,439 Miles
Total annual fleet usage	27,466,038 Miles/yr
Average unit age at year end	6.2 yrs
Average unit utilization	77.7 %
Average operating rate	\$ 0.32 per Mile

To provide an example of the type of analysis used, this slide is a screen shot of the UNCC/ECU analysis tool.

Economic Analyses

Input Values

Interest Rate	3.0 %
Inflation Rate	2.4 %
Purchase Price	\$ 24,442
Depreciation Term	5 yrs
Residual Value	17 %
Initial operating rate	\$ 0.23 per Mile
Annual operating rate factor	0.0436

Analyses Results

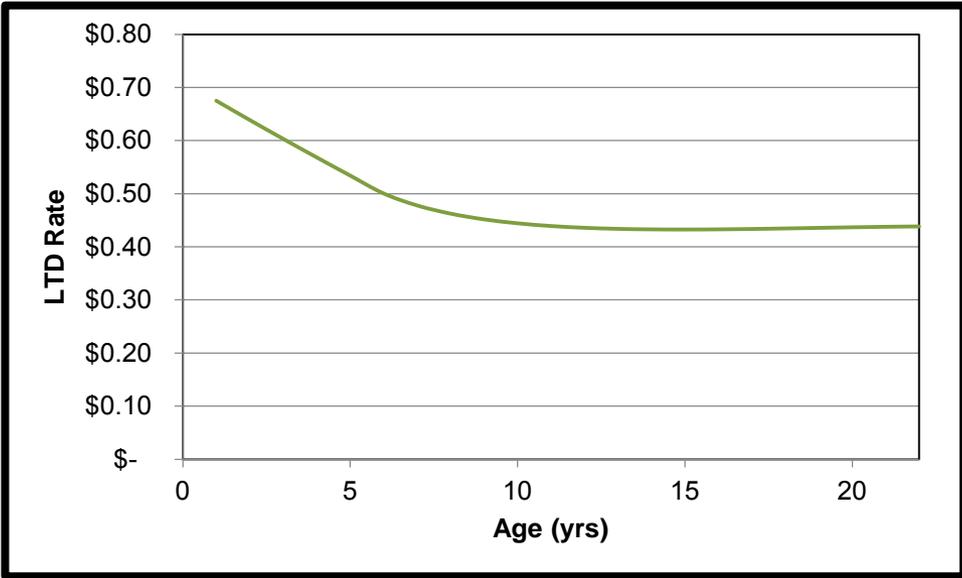
	Current Fleet	Reduced Fleet Size and Limited Annual Usage Decline					
		0 %	10 %	20 %	30 %	40 %	50 %
Fleet reduction	0 %	0 %	10 %	20 %	30 %	40 %	50 %
Number of units	2,208	2,208	1,987	1,766	1,546	1,325	1,104
Initial usage (Miles)	17,231	14,464	15,708	17,281	19,311	22,532	26,467
Annual usage decline (Miles)	-772	-289	-314	-346	-386	-451	-529
Economic life (yrs)	15	14	12	11	9	8	7
Age at economic life (Miles)	171,638	174,174	165,888	169,158	158,166	165,824	172,309
LTD total rate at economic life (\$/Miles)	\$ 0.43	\$ 0.43	\$ 0.43	\$ 0.44	\$ 0.44	\$ 0.44	\$ 0.44

Interest Rate	3%
Initial MV	\$ 24,442
Depreciation Term	5
Sum of Years	15
Residual Value	17%
Initial Miles	17,231
Mile Decline	-772
Cost/Mile	\$ 0.23
Annual Cost Factor	0.0436
Inflation Rate	0.024

Analysis Example

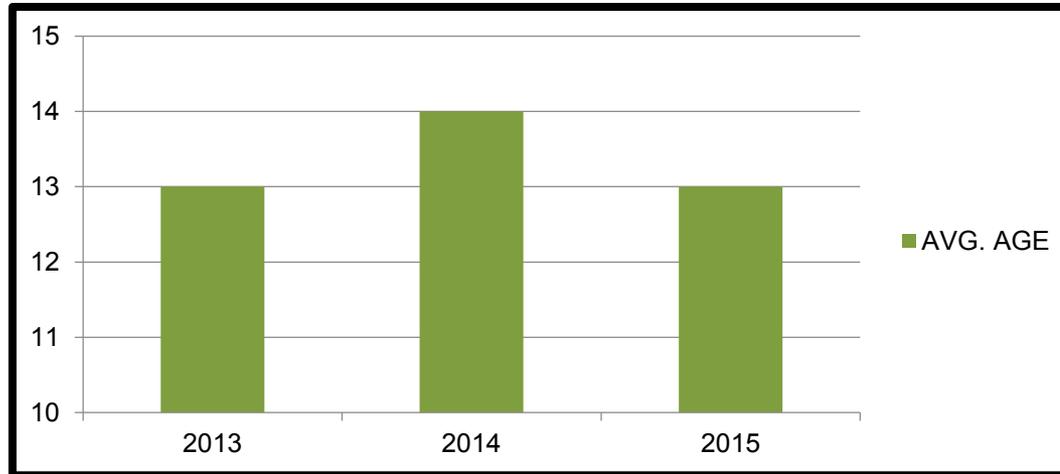
To provide an example of the type of analysis used, this slide is a screen shot of the UNCC/ECU analysis tool.

						Min	\$ 5,289	per year		\$ 0.43	per Mile
						Economic Life	No Min	years		15	years
Year	Market Value	Owning EUAC	Miles	Operating Cost	Operating Cost PV	Operating EUAC	LTD EUAC	LTD Miles	LTD PV	LTD Rate (\$/Mile)	
0	\$ 24,442										
1	\$ 17,679	\$ 7,495	16,845	\$ 4,217	\$ 4,094	\$ 4,217	\$ 11,712	16,845	\$ 11,371	\$ 0.68	
2	\$ 12,270	\$ 6,729	16,074	\$ 4,304	\$ 4,057	\$ 4,260	\$ 10,989	32,919	\$ 21,027	\$ 0.64	
3	\$ 8,212	\$ 5,984	15,302	\$ 4,383	\$ 4,011	\$ 4,300	\$ 10,283	48,221	\$ 29,088	\$ 0.60	
4	\$ 5,508	\$ 5,259	14,530	\$ 4,452	\$ 3,955	\$ 4,336	\$ 9,595	62,751	\$ 35,665	\$ 0.57	
5	\$ 4,155	\$ 4,554	13,758	\$ 4,509	\$ 3,889	\$ 4,369	\$ 8,923	76,509	\$ 40,864	\$ 0.53	
6	\$ 4,155	\$ 3,870	12,986	\$ 4,553	\$ 3,813	\$ 4,397	\$ 8,266	89,495	\$ 44,781	\$ 0.50	
7	\$ 4,155	\$ 3,381	12,214	\$ 4,580	\$ 3,724	\$ 4,421	\$ 7,802	101,709	\$ 48,607	\$ 0.48	
8	\$ 4,155	\$ 3,015	11,443	\$ 4,590	\$ 3,623	\$ 4,440	\$ 7,455	113,152	\$ 52,328	\$ 0.46	
9	\$ 4,155	\$ 2,730	10,671	\$ 4,579	\$ 3,509	\$ 4,454	\$ 7,184	123,823	\$ 55,933	\$ 0.45	
10	\$ 4,155	\$ 2,503	9,899	\$ 4,543	\$ 3,381	\$ 4,461	\$ 6,964	133,721	\$ 59,406	\$ 0.44	
11	\$ 4,155	\$ 2,317	9,127	\$ 4,481	\$ 3,237	\$ 4,463	\$ 6,780	142,848	\$ 62,734	\$ 0.44	
12	\$ 4,155	\$ 2,163	8,355	\$ 4,388	\$ 3,078	\$ 4,458	\$ 6,620	151,204	\$ 65,899	\$ 0.44	
13	\$ 4,155	\$ 2,032	7,583	\$ 4,260	\$ 2,901	\$ 4,445	\$ 6,477	158,787	\$ 68,884	\$ 0.43	
14	\$ 4,155	\$ 1,921	6,811	\$ 4,093	\$ 2,706	\$ 4,424	\$ 6,345	165,598	\$ 71,673	\$ 0.43	
15	\$ 4,155	\$ 1,824	6,040	\$ 3,882	\$ 2,492	\$ 4,395	\$ 6,219	171,638	\$ 74,245	\$ 0.43	
16	\$ 4,155	\$ 1,740	5,268	\$ 3,622	\$ 2,257	\$ 4,357	\$ 6,097	176,906	\$ 76,579	\$ 0.43	
17	\$ 4,155	\$ 1,665	4,496	\$ 3,307	\$ 2,001	\$ 4,309	\$ 5,974	181,401	\$ 78,655	\$ 0.43	
18	\$ 4,155	\$ 1,600	3,724	\$ 2,930	\$ 1,721	\$ 4,250	\$ 5,849	185,125	\$ 80,450	\$ 0.43	
19	\$ 4,155	\$ 1,541	2,952	\$ 2,484	\$ 1,417	\$ 4,179	\$ 5,720	188,078	\$ 81,937	\$ 0.44	
20	\$ 4,155	\$ 1,488	2,180	\$ 1,963	\$ 1,087	\$ 4,097	\$ 5,585	190,258	\$ 83,093	\$ 0.44	
21	\$ 4,155	\$ 1,441	1,408	\$ 1,356	\$ 729	\$ 4,001	\$ 5,442	191,666	\$ 83,889	\$ 0.44	
22	\$ 4,155	\$ 1,398	637	\$ 656	\$ 342	\$ 3,892	\$ 5,289	192,303	\$ 84,297	\$ 0.44	



Analysis

Disposal Analysis



Utilization Report

- Fleet and Material Management Unit will provide fleet managers the end-of -year under 20% utilization report for the previous calendar year by **January 31st**.
- Area Equipment Superintendents and appropriate division staff will review the report and either designate equipment for transfer or disposal or document appropriate reasons to retain. The completed division review will be returned to the Fleet and Material Management Unit by **April 1st**.
- Fleet and Material Management unit will consolidate each division into a statewide report, review, and forward to the Chief Engineer for certification by **May 1st**.
- The Chief Engineer will certify the report and return to fleet managers with recommendations by **June 1st**.



Analysis

Rent verses Own

- Analyze utilization
- Analyze need (seasonal)
- Investigate rental contracts availability/price

Repair verses Replace

- Research warranty options
- Past depreciated life
- Is repair greater than 50% of current value (further analysis required for heavy equipment)
- Operational need
- Replacement time frame
- Any repair greater that \$5000 submitted to FMMU for further analysis



Fleet Management Initiatives (Updates)

- SCT Fleet Solutions
 - Fuel Savings
 - Cleaner Emissions
 - Update (Did not realize significant increase in fuel savings. Operators complained of loss of power and safety concerns. Have not pursued additional units to install)
- NAPA Parts Management
 - Pilot Project Division 5 Parts Management
 - Reduction in Parts Inventory
 - Reallocation of Personnel
 - Update (State Purchase and Contract performed a study to leverage statewide purchasing power. There are currently 4 statewide contracts for parts and 1 statewide contract for MRO (Maintenance Repair Operations))
- Fleetworks AVL
 - Pilot Project with Department of Administration
 - Update (Pilot project with DOA concluded. NCDOT is performing pilot with Propel GPS in which we are evaluating 350 units in various divisions.)
- Wireless Communication at Fuel Sites
 - \$35/month to \$4/month
 - Update (project complete we are realizing this savings)



Questions?





Board of Transportation Highways Committee

June 2016

North Carolina Oversize Overweight Permits

Kevin Lacy, PE, State Traffic Engineer



Oversize Overweight Permit Unit

This Oversize Overweight Permit Unit provides the legal means for all industries to carry out their business. There are very few industries that do not require the movement of an oversized load, either for their production equipment, constructing and maintaining their facilities, and in some cases their actual products.

If the load is **non-divisible** and one or more of the following:

- Wider than 8' 6"; and/or
- Taller than 13' 6"; and/or
- Longer than 40" for single vehicle*; or 60' if a combination vehicle*
- Greater than 80,000 lbs.*

Then a permit is required to legally operate on North Carolina's roadways.



Oversize Overweight Permit Unit

Single Trip Permits cost \$12 per dimension up to \$48

- The maximum weight for a single trip permit is 132,000 lbs. with 7 axles and a minimum wheelbase of 51'. The weight allowed depends on the number of axles and wheelbase.

Super load Permits cost \$100 for a non-refundable application fee

- The total cost will depend on the overall dimension (single trip) plus the and additional \$3 per 1,000 pounds over 132,000lbs.

Annual Permits cost \$100 per vehicle or \$200 for mobile home movers.

- Typically the “smaller” and “lighter” oversized loads. We allow up to 90,000 lbs. for all roads that are not posted or posted bridges; and will permit a higher weight for specific routes

House Movers Licenses \$100 per year

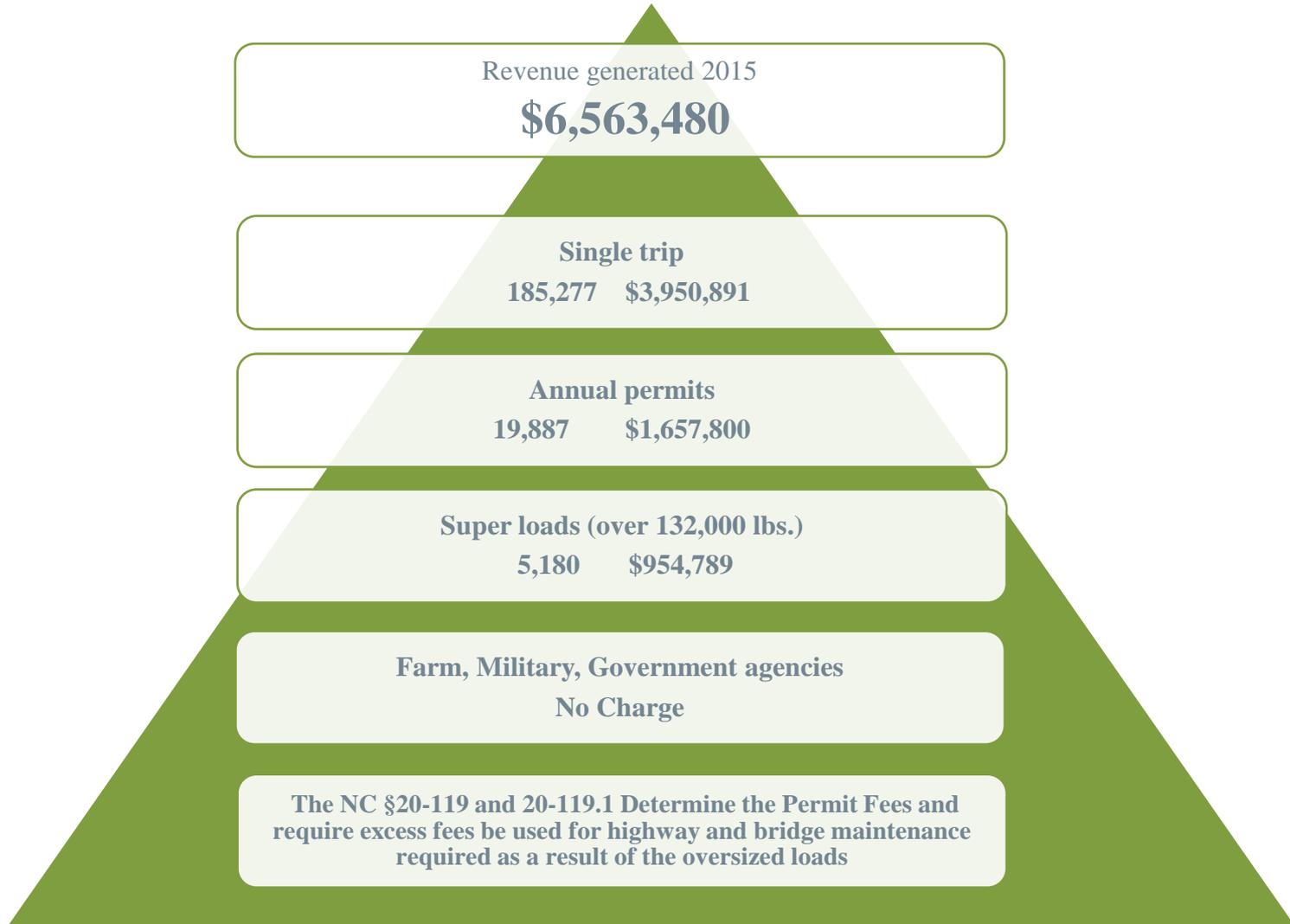
- Administered through the OSOW Permit Unit; and the house moving permit applications are \$20 are issued by the District Offices.

Escort Certification program

- Administered by the OSOW Permit Unit; various community colleges teach the courses.



Breakdown of Permit Income



Oversize Overweight Permit Unit

Our approach to applying the regulations is:

1. Our first and most important objective is to protect the safety of the public;
2. Our second objective is to protect the public's investment in the infrastructure;
3. If we can meet the first two objectives; and we can legally permit it, we will consider.

We are not guaranteeing we will issue the permit, or work to modify the rules, policies or statutes. We will research, consider the level and magnitude of risk; and provide a clear explanation of what we will consider; and why.



American Farmer Ingenuity



Divisible Load

A divisible load is something that can be easily broken down into legal size or weighted loads in a reasonable amount of time.

FHWA's definition

Non-divisible is defined as any load or vehicle exceeding applicable length or weight limits which, if separated into smaller loads or vehicles, would:

- Compromise the intended use of the vehicle, i.e., make it unable to perform the function for which it was intended;
- Destroy the value of the load or vehicle, i.e., make it unusable for its intended purpose; or
- Require more than 8 work hours to dismantle using appropriate equipment. The applicant for a non-divisible load permit has the burden of proof as to the number of workhours required to dismantle the load.

This issue comes into question frequently and the differences with state and federal allowances for weights create concerns for some industries.



International Shipping Containers



Parts are Parts



Parts are Parts



Bridges and Ports



Keeping the Lights On



Keeping the Lights On



Keeping the Lights On



Another Million Pound Generator



Wind Turbine Blade



There will be over 900 oversized loads moved from various places to the Elizabeth City area for a wind farm. This to is a logistics exercise to have the components delivered on site to build the wind turbines in a cost effective manner

Plane, Trains, Ships, Bridges, Buildings



Hard Days Night



Road to Success

None of this is possible without the coordination of professionals throughout various industries.

The specialized haulers, the Highway Patrol and Local Law Enforcement, the Utility Companies, the escort drivers, and the community colleges.

Within the Department, you have many professionals that make this happen as well, the Divisions, the Structures Management Unit, Pavement, Traffic Operations, and the Oversize and Overweight Permit Unit.

This is another part of NCDOT that is vital to the economic success of our state and the businesses that choose to operate in our communities.

We issues permits that move North Carolina's Economy.



Questions





Board of Transportation Highways Committee

June 2016

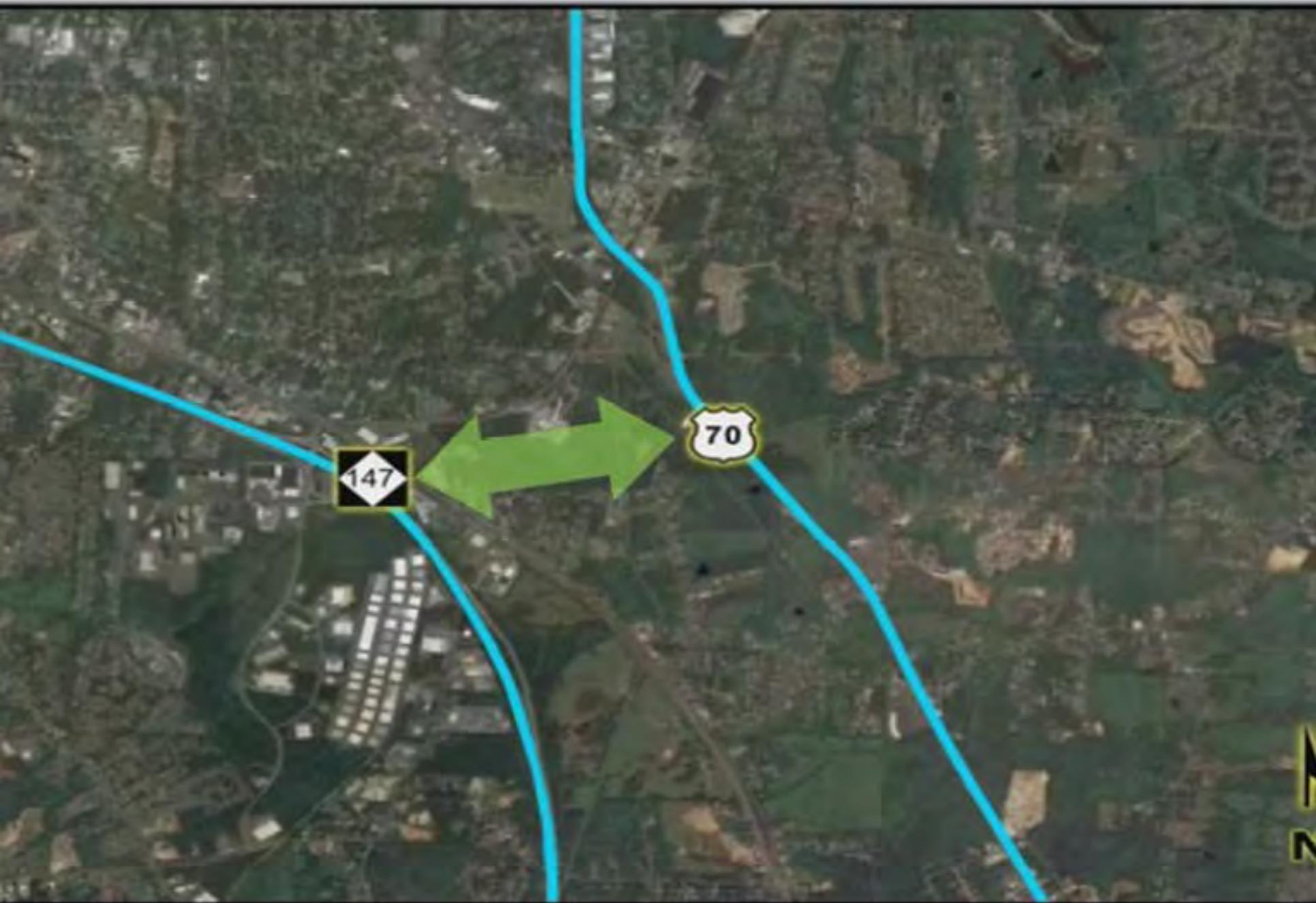
U-0071, East End Connector

Joey Hopkins, PE – Division Engineer

Dennis Jernigan, PE – Division Construction Engineer

Phillip Townsend, PE – Resident Engineer





Background



1959 - City of Durham Thoroughfare Plan



1982 - Durham East-West Freeway (NC 147)

Due to limited funding the East End Connector segment was not constructed



2005 - Reevaluation study began

2009 – Environmental Assessment signed

History – U-0071 East End Connector

- 1959 – Introduced as part of the City of Durham Thoroughfare Plan
- 1970's – Incorporated into the City's plans and transportation studies
- 1982 – Final Environmental Impact Study (FEIS) prepared for both East End Connector and the Durham Freeway (NC 147). Construction of the Durham Freeway proceeded and was completed in 1992. Funding was not allocated for East End Connector
- 1998 – NCDOT initiated further study of the 1982 FEIS. Funding was not allocated
- 2003 – East End Connector was added to the list of projects eligible for funding under the North Carolina Highway Trust Fund
- 2005 - NCDOT initiated further study of the 1982 FEIS. Reevaluation of the 1982 FEIS begins with updating of design alternatives and analysis of traffic impacts, socioeconomic conditions, natural resources, biologic resources, historical resources, cultural resources, and right of way/relocation impacts



History – U-0071 East End Connector

- Mid 2006 – Early 2008 – Public workshops, Neighborhood and small group meetings occurred. NCDOT worked with public, City of Durham, and neighboring communities to ensure a design that would limit impact
- Dec 2009 – Environmental Assessment was released
- 2010 – Additional Public workshops held to address access to US 70
- Feb 2011 – Finding of No Significant Impact (FONSI) was released
- Feb 2011 – Final Design Field Inspection. Design units continue to work on completing plans for right of way acquisition and construction
- Spring 2014 – Utility relocation for private utilities begin
- Nov 2014 – Project is let by NCDOT; Dragados, USA is awarded contract
- February 2015 – Dragados begins construction on U-0071
- January 2020 – Anticipated completion of project



Public Involvement



East End Connector
DURHAM COUNTY (TIP Project No. U-0071)

NCDOT NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Connecting people and places in North Carolina — safely and efficiently, with accountability and environmental sensitivity.

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Home » Projects » High Profile Projects & Studies » East End Connector

East End Connector

Status: **DEVELOPMENT**

70 EAST END CONNECTOR 147
DURHAM COUNTY, NORTH CAROLINA

Description

The N.C. Department of Transportation is proposing to construct the East End Connector in Durham. The proposed project would provide a direct connection between the Durham Freeway (NC 147) and US 70 (Miami Boulevard), as well as make improvements to US 70 from Pleasant Drive to north of Holloway Street (NC 98).

News and Updates

Newsletters

- Vol 3 Newsletter (August 2007)
- Vol 2 Newsletter (January 2007)
- Actualización del Proyecto East End Connector (Continúa en español)

Public Meeting

- December 2007 Meeting Handout
- January 2007 Meeting Handout

Project Map

- Alternatives 1 thru 4 Maps (1.43 MB)
- 2-D Rendering Display Boards (2.25 MB)
- Homeing Map (6.05 MB)

Project Fast Facts

- County: Durham
- Type of Project: New Roadway
- STIP Number: U-0071
- Estimated Cost: \$90 million
- Property Acquisition Start: Fiscal Year 2010

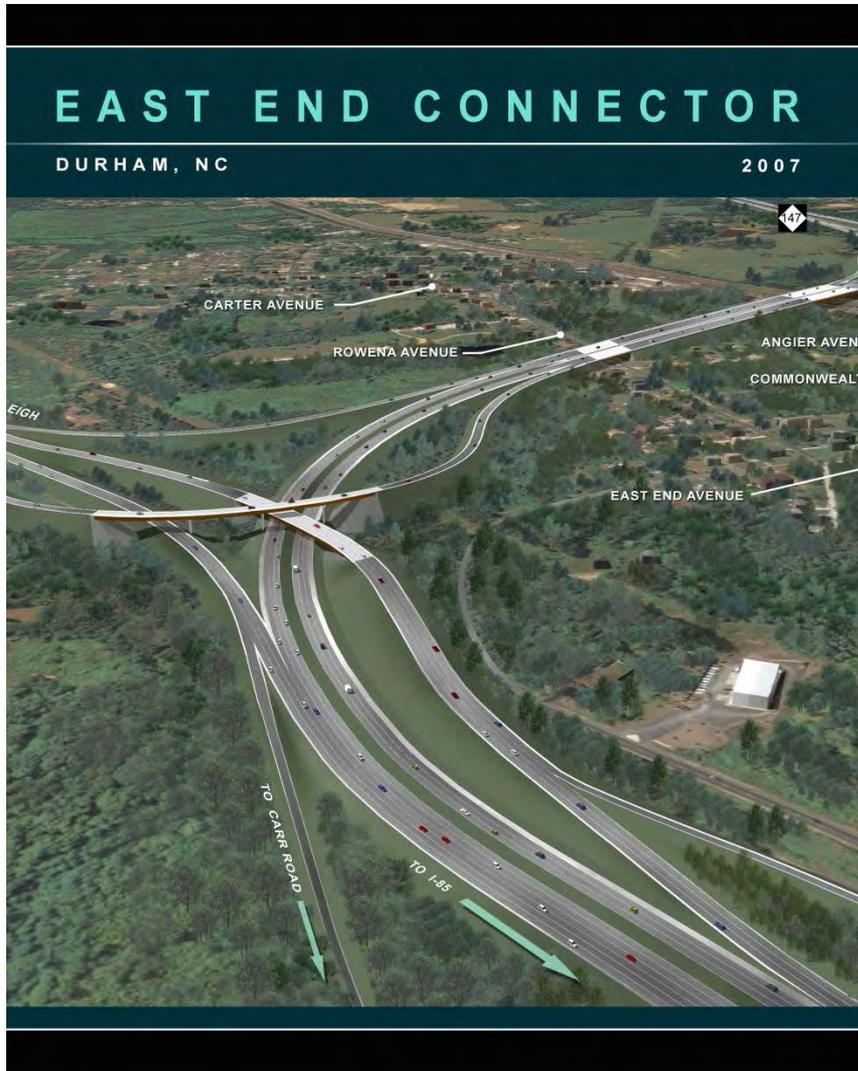
On this page

- Description
- News and Updates
- Project Overview and Purpose
- Project Highlights
- Contact Information
- Brochures for Local Property Owners



Toll Free: (800) 734-7062 email: EastEndConnectorProject@rsandh.com
<http://www.ncdot.org/projects/leastendconnector>

Public Outreach – U-0071 East End Connector



- 3 Citizens Informational Workshops
- 9 Ad Hoc Committee meetings
- 7 Elected Officials presentations
- 1 meeting with Hayestown residents
- 4 meetings with Partners Against Crime Area 1
- 1 meeting with Partners Against Crime Area 4
- 1 meeting with the Inter-neighborhood Council (INC)
- Project website
- Project “hotline”
- 3 newsletters sent to **5,000** addresses

Alternative 3

Downtown
Durham

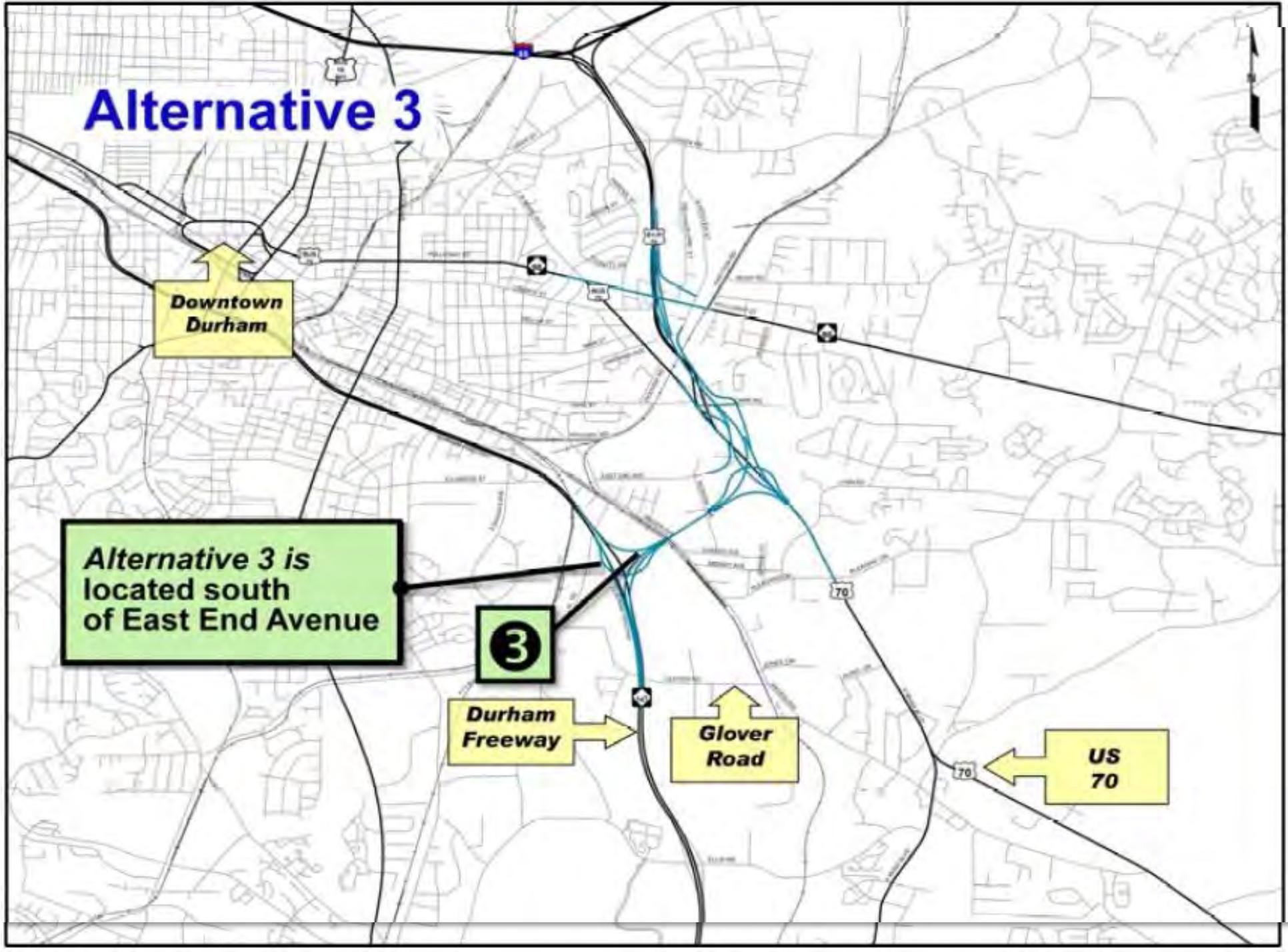
Alternative 3 is
located south
of East End Avenue

3

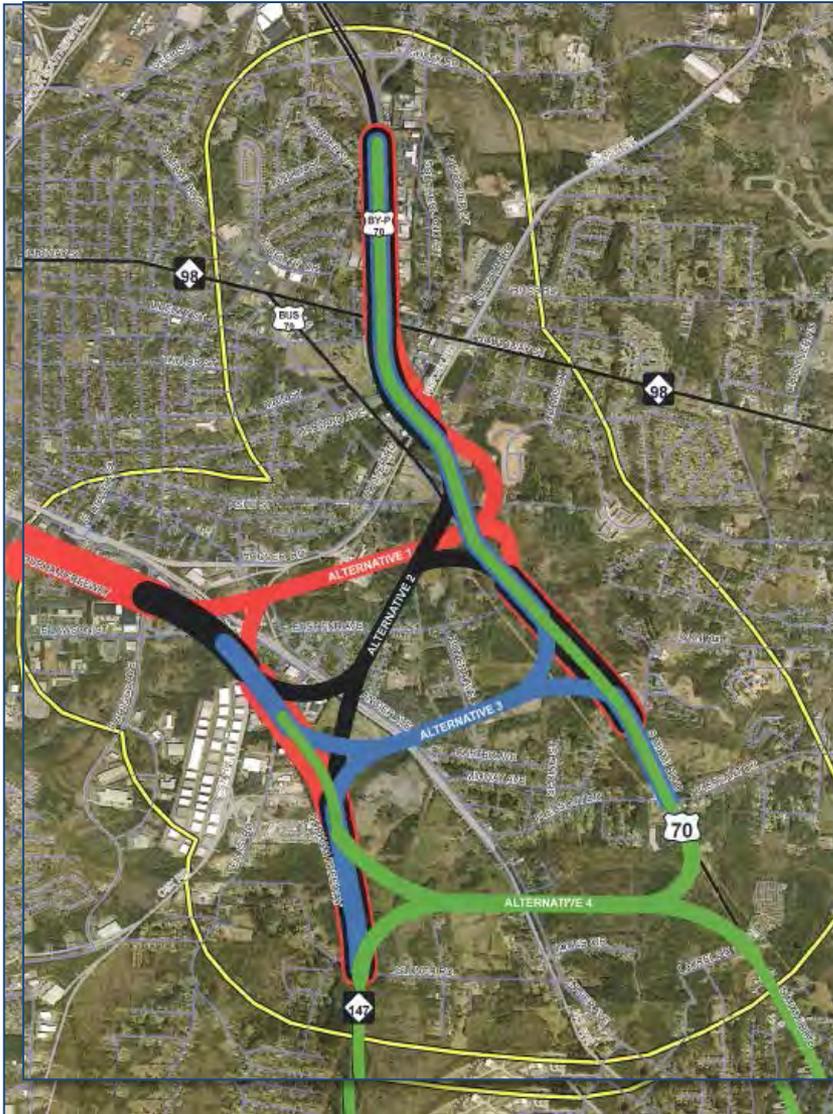
Durham
Freeway

Glover
Road

US
70

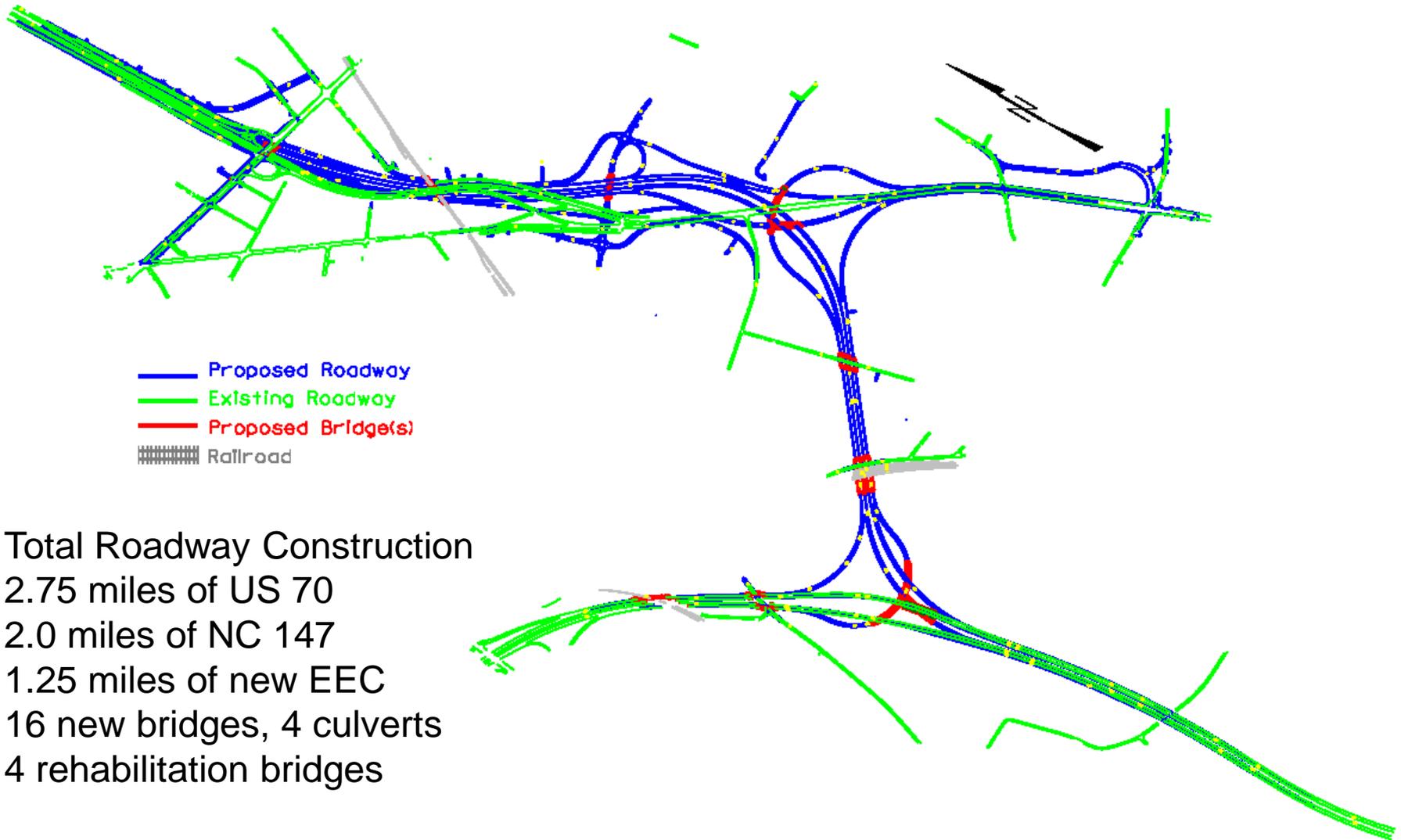


Alternatives – U-0071 East End Connector



- 4 Alternate Routes and No-build reviewed
- Alternative #1 (red)
- Alternative #2 (black)
- Alternative #3 (blue) – Chosen as the Least Environmentally Damaging Practicable Alternative (LEDPA) / Preferred Alternative
- Alternative #4 (green)
- Reviewed natural resources including impacts to wetlands and streams. No impacts to endangered species, water supply critical areas, 100 year flood plains, or greenways
- Reviewed human environment including residential, business, church and cemetery relocations. No impacts to schools, parks, or historic sites.
- Reviewed physical impacts including project length, complexity, construction costs and right of way acquisition.

U-0071 East End Connector



Total Roadway Construction
2.75 miles of US 70
2.0 miles of NC 147
1.25 miles of new EEC
16 new bridges, 4 culverts
4 rehabilitation bridges

U-0071 East End Connector

- Enhancing transportation by providing direct connection from I-85 to I-40
- Providing reliable and efficient network by enhancing US 70 and NC 147 with closed corridor
- Freeway to freeway junctions provided between US 70 and East End Connector and between East End Connector and NC 147
- New I-885 Designation
- Reduces congestion on local side streets
- Includes two (2) continuous through lanes in each direction plus auxiliary lanes as needed built to interstate standards
- Enhances transportation on side streets with roadway, pedestrian, and bicycle improvements
- Construction of service roads ensure connectivity to US 70 for local residents
- Construction Costs: \$142 million, Let November 2014 with construction beginning February 2015



Design – U-0071 East End Connector

- NCDOT – Every Unit
- MA Engineering – Roadway Design Plans, Utilities and Utility by Others Plans
- ICA Engineering – Traffic Management and Erosion Control Plans
- Stantec – Pavement Marking and Signal Plans
- SEPI – Signal and Communications Plans
- CDM – Trackwork Plans
- RS&H – PDEA Documents; EA
- MI Engineering – Structure Plans
- CDM Smith – Structure Plans
- Wetherill Engineering – Structure Plans
- RK&K – Structure Plans
- HDR Engineering – Structure Plans
- Mulkey Engineering and Consultants – Structure Plans
- Simpson Engineering and Associates – Structure Plans



Construction – U-0071 East End Connector



- NCDOT – All units
- Dragados – Prime Contractor
- 20+ subcontractors in industry
- RS&H, RK&K, and S&ME
- City of Durham
- North Carolina Railroad
- Norfolk Southern
- CSX Transportation
- Community – including motorists, citizens, businesses, and others



Construction - U-0071 East End Connector

RALEIGH, N.C.

CONTRACT AND
CONTRACT BONDS
FOR CONTRACT NO. C203394

WBS 34745.3.S2 STATE FUNDED

T.I.P. NO. U-0071

COUNTY OF DURHAM
THIS IS THE ROADWAY & STRUCTURE CONTRACT
ROUTE NUMBER _____ LENGTH 4.009 MILES
LOCATION EAST END CONNECTOR FROM NORTH OF NC-98 TO NC-147
(BUCK DEAN FREEWAY) IN DURHAM.

CONTRACTOR DRAGADOS USA INC
ADDRESS 810 7TH AVENUE
9TH FLOOR
NEW YORK, NY 10019

- 702 line code items including:
 - Earthwork - Over 2.5 million cy of material will be moved – unclassified and borrow excavation
 - 16 Structures, 4 rehabs, 4 culverts
 - Storm Drain – over 8 miles of storm drain
 - Stabilization – Lime/Cement based on soil conditions
 - Asphalt – Over 375,000 tons of asphalt
 - Concrete Pavement – 70,000 SY
 - 15 MSE walls, Soldier Pile Nail Wall, Gravity Wall, & Sound Walls
 - Many others including incidental concrete, erosion control, rip rap, electrical, signing, striping, guardrail, etc.

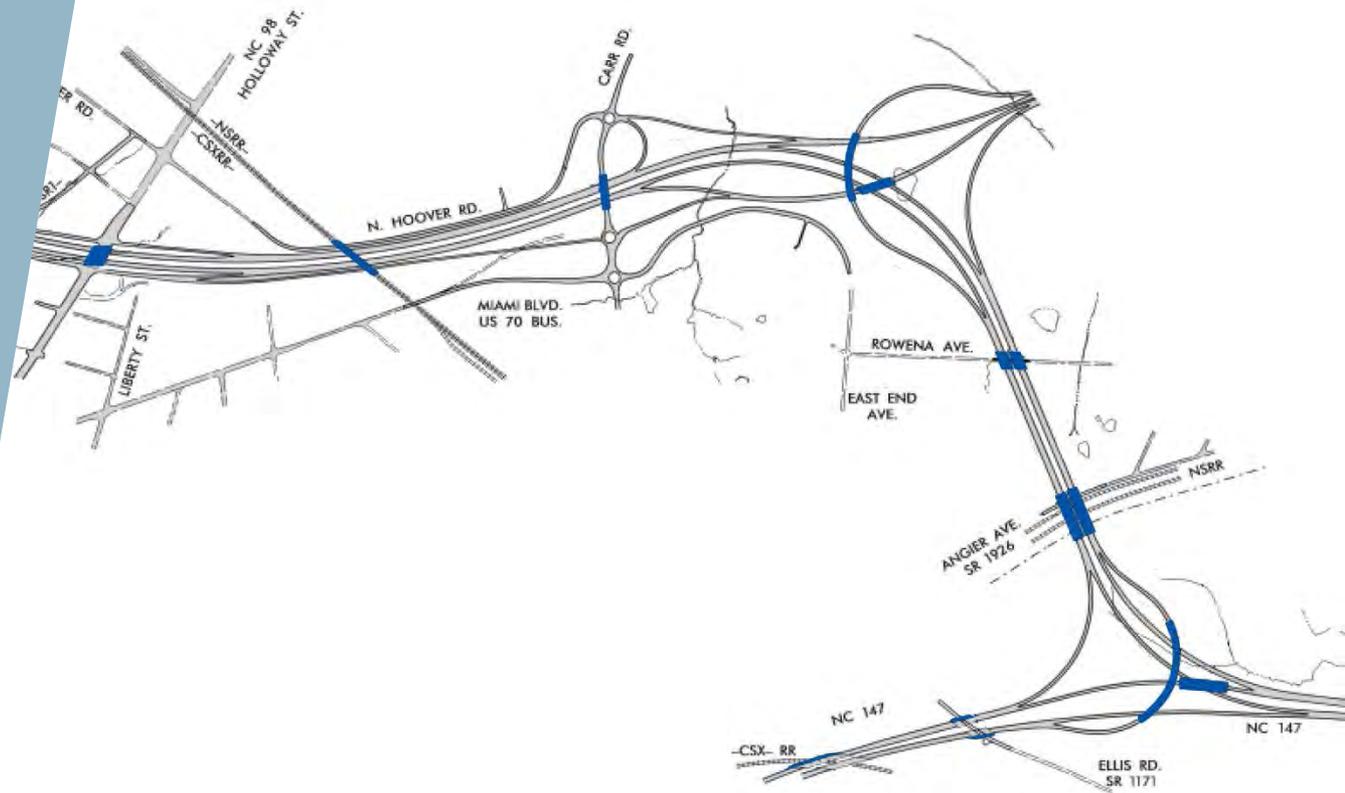


Structures – U-0071 East End Connector

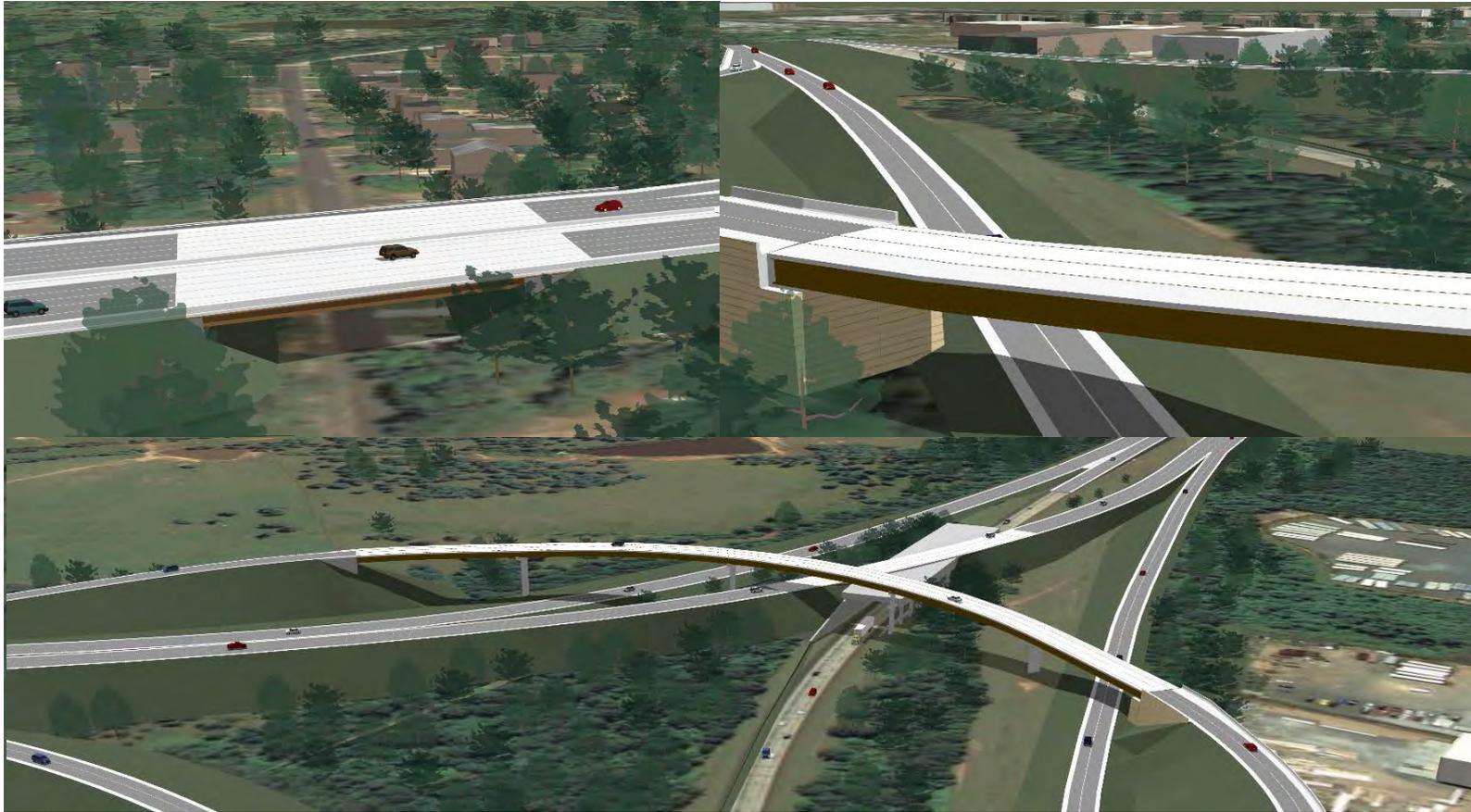


Structures – U-0071 East End Connector

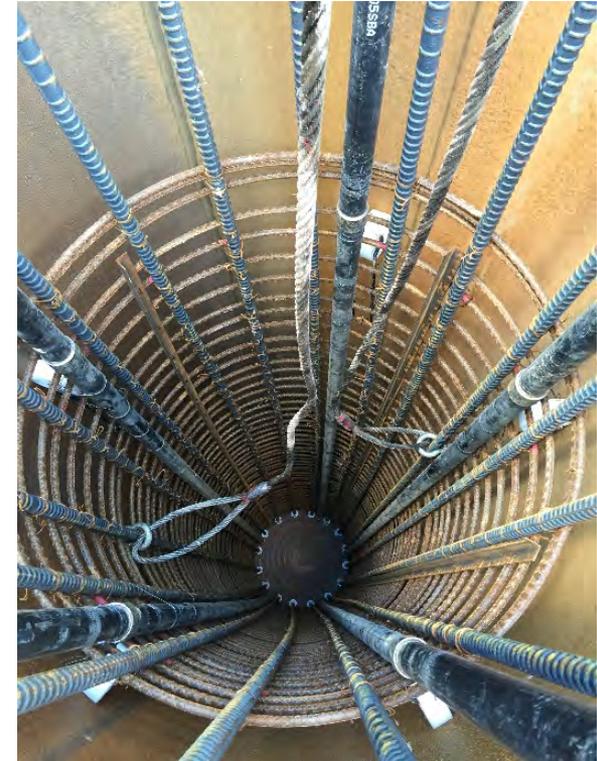
Diversity of Structures



Structures – U-0071 East End Connector



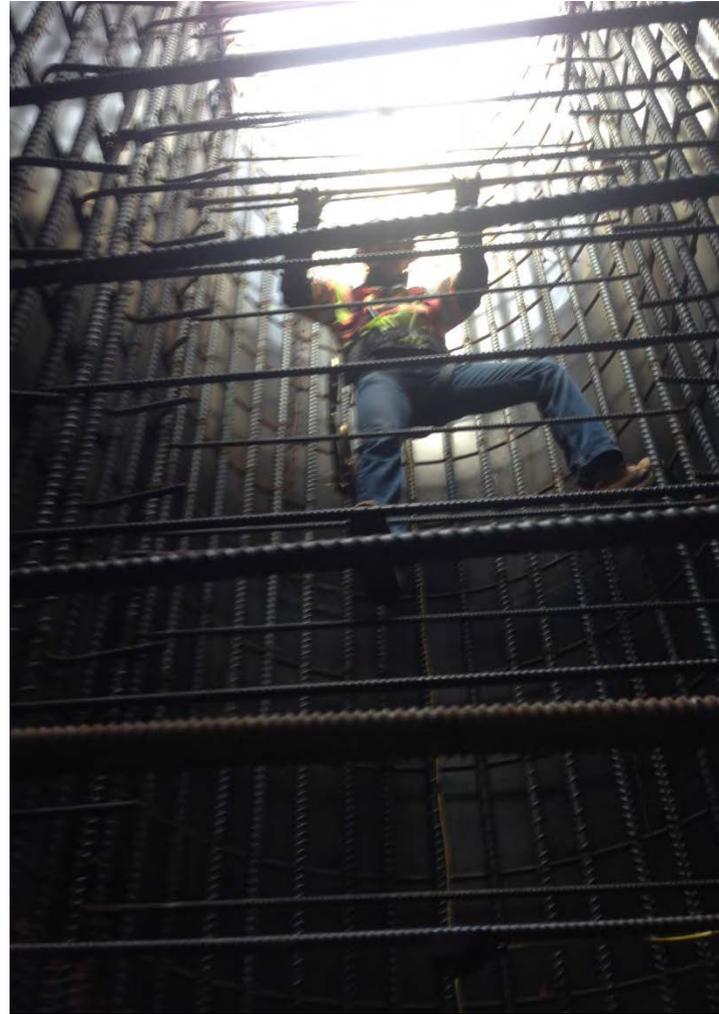
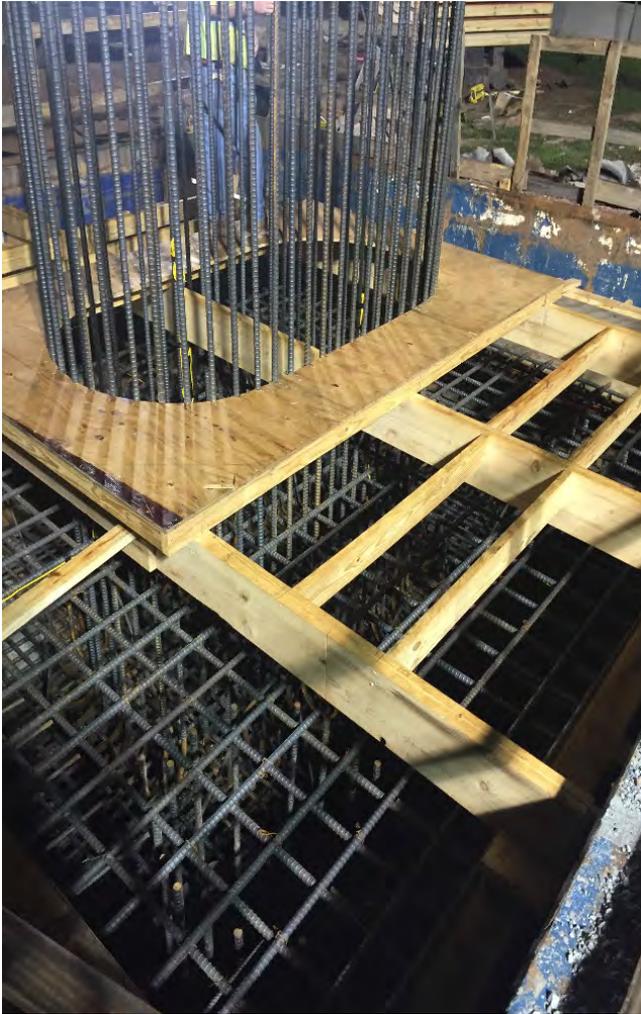
Structures – U-0071 East End Connector



Construction – U-0071 East End Connector



Structures – U-0071 East End Connector

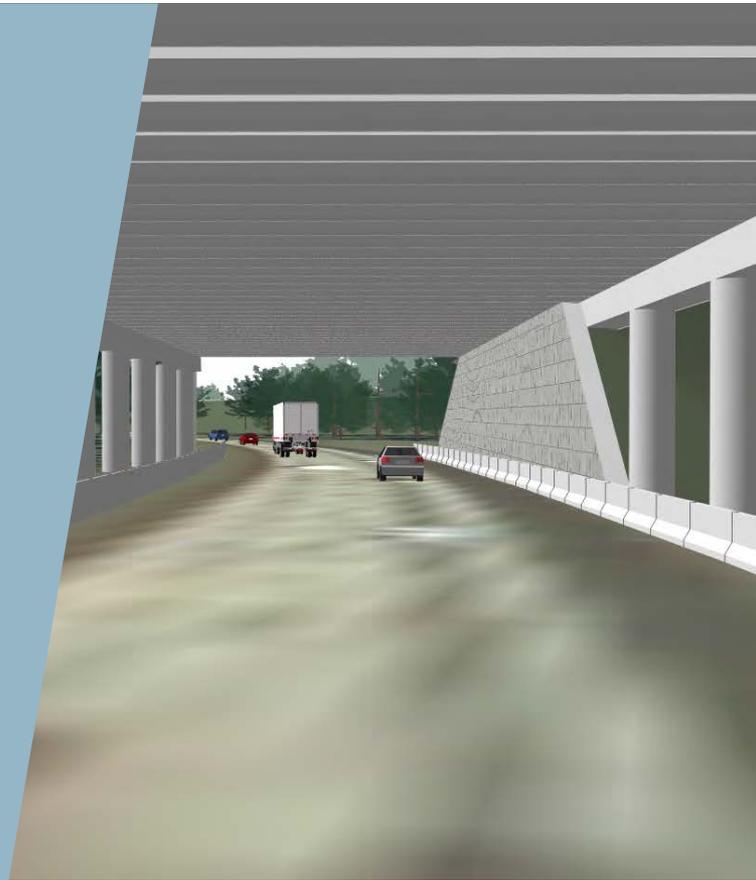


Structures – U-0071 East End Connector



Structures – U-0071 East End Connector

Scissor Bridge



Structures – U-0071 East End Connector



Structures – U-0071 East End Connector

Culverts



Structures – U-0071 East End Connector



Structures – U-0071 East End Connector

Temporary
Shoring

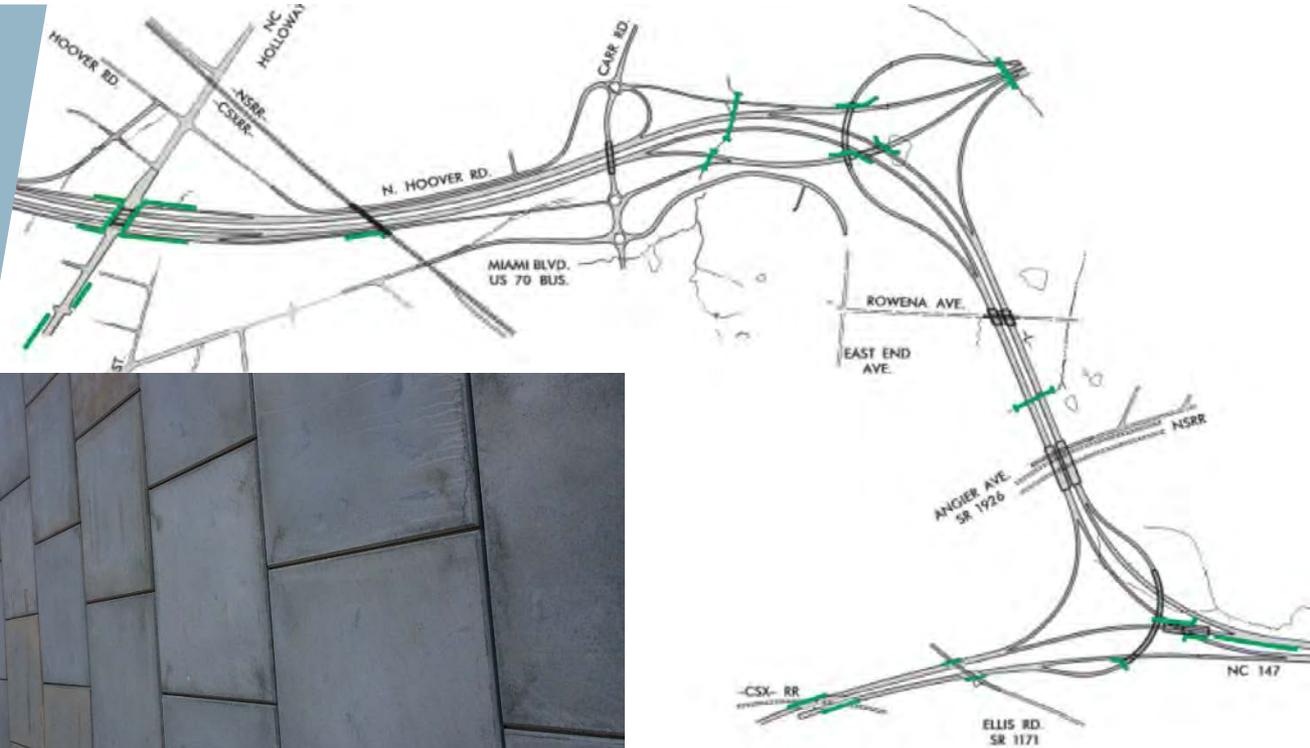
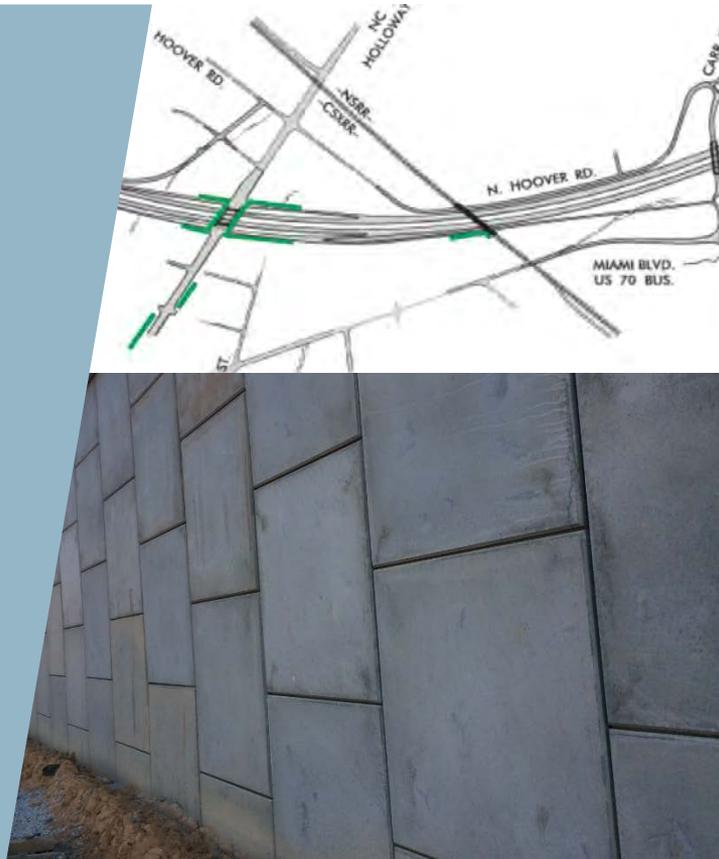


Structures – U-0071 East End Connector



Structures – U-0071 East End Connector

Retaining Walls

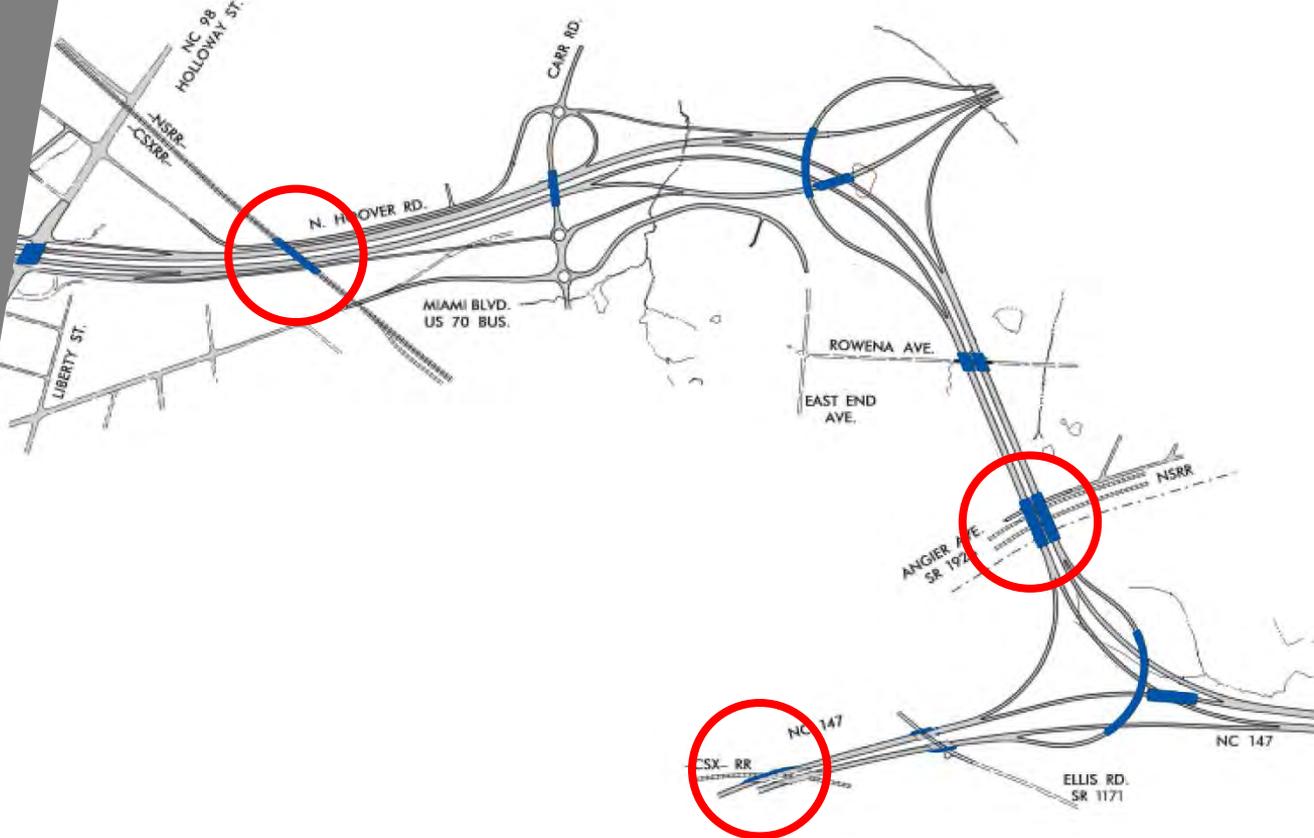


Rail – U-0071 East End Connector



Rail – U-0071 East End Connector

Multiple Rail
Bridges &
Crossings



Rail – U-0071 East End Connector

Multiple Rail Bridges & Crossings

- New CSX & NS bridges over US 70
- Shared detour bridge during construction
- Twin mainline bridges over switchyard
- Widening and rehabilitation over CSX



U-0071 East End Connector – Roadway



Roadway – U-0071 East End Connector



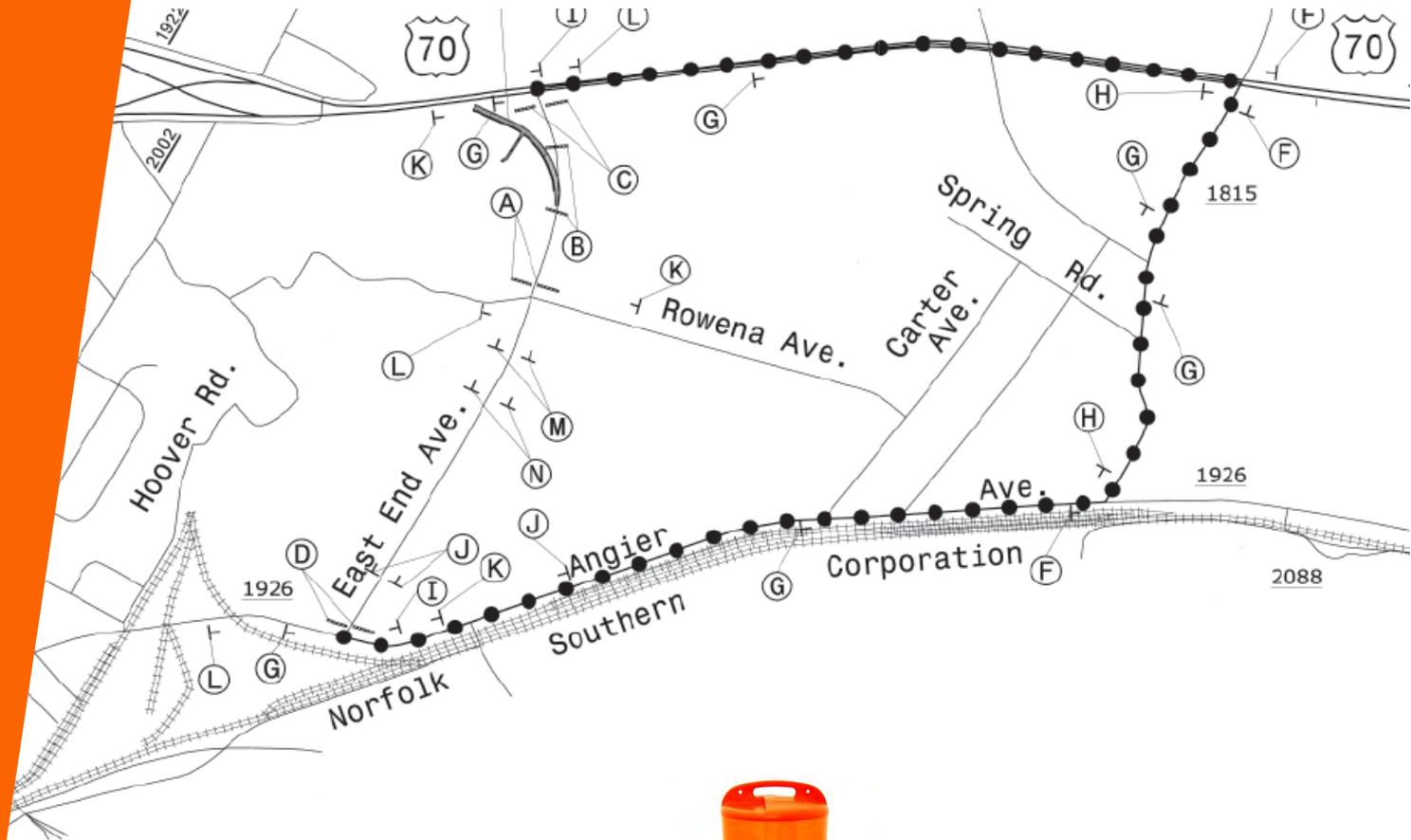
Roadway – U-0071 East End Connector

Erosion
Control and
Permit
Compliance



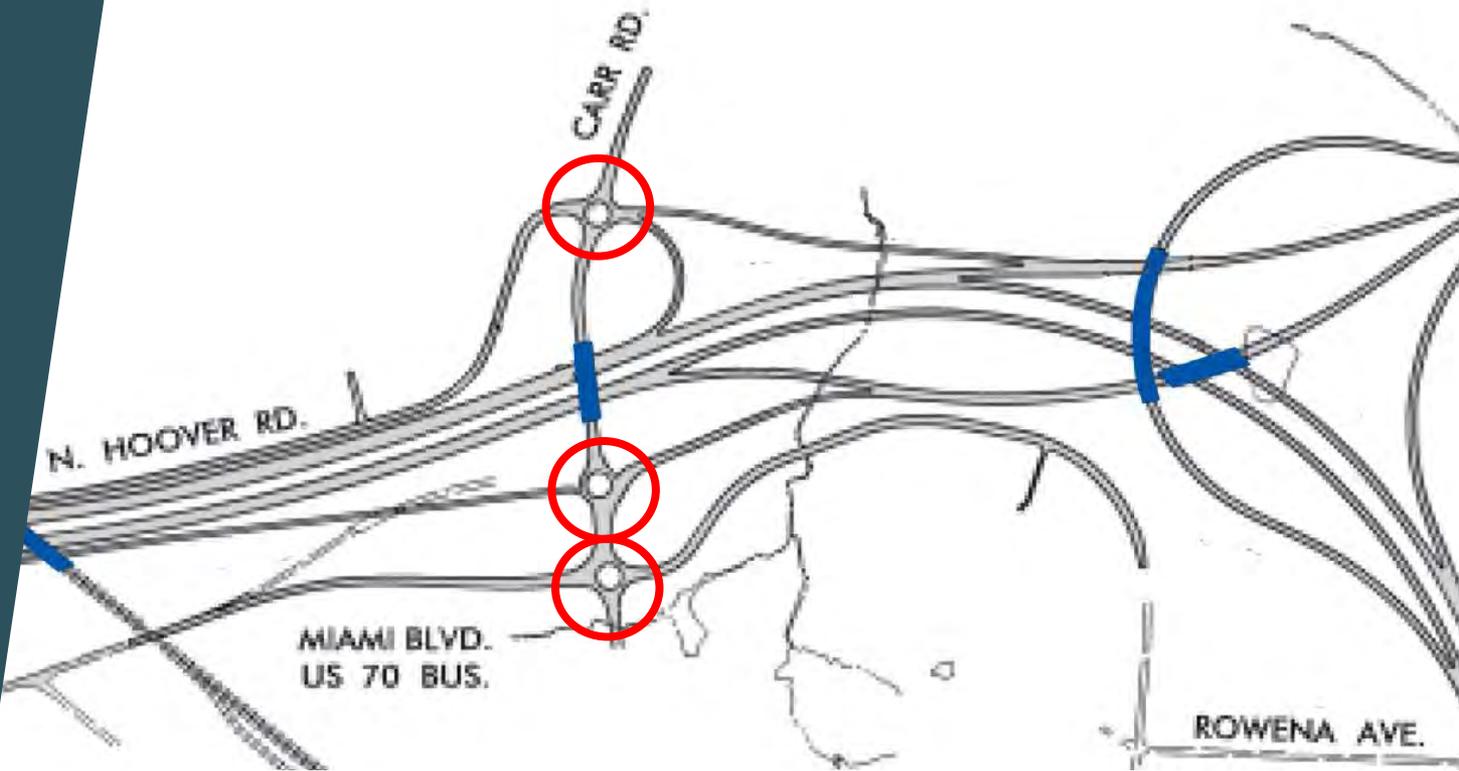
Roadway – U-0071 East End Connector

Detours



Roadway – U-0071 East End Connector

Round-About



Roadway – U-0071 East End Connector

Concrete
Paving



Construction – U-0071 East End Connector



Construction – U-0071 East End Connector



Construction – U-0071 East End Connector



Construction – U-0071 East End Connector

- Approximately 22% complete by cash curve
- Currently in Phase I of Construction throughout the project.
- First major traffic shift on NC 147 – placed in detour alignment February 12, 2016
- Grading on US 70, NC 147, and new location East End Connector
- Approximate 350,000 cy of unclassified excavation moved
- 3 culverts complete, 1 culvert 50% complete
- 15,574 LF of pipe placed to date
- 91 drainage structures built
- 2,883 LF of water line constructed
- 7,135 LF of sewer line constructed
- 59,000 LF of silt fence installed
- 49 EC basins excavated
- Over 1,400 LF of drilled shafts completed
- Stabilization / Concrete pavement to begin this summer



Questions?





Transportation

MULTIMODAL COMMITTEE MEETING MINUTES

DATE: 5/4/2016 TIME: 10:30am LOCATION: EIC

MEETING CALLED BY	Andy Perkins
BOARD ATTENDEES	Andy Perkins, Malcolm Fearing, Tracy Dodson, Lou Wetmore, Jeff Sheehan, Sandra Fountain, Cheryl McQuery,

AGENDA TOPICS

1. APRIL MINUTES APPROVAL – Andy Perkins	
DISCUSSION SUMMARY	Approval of April Minutes.
ACTIONS TAKEN	Motion to approve was made by Jeff Sheehan and seconded by Malcolm Fearing. Motion was approved.

2. FUNDING ITEMS – I-1, I-1A, I-1B, I-2	
DISCUSSION SUMMARY	Funding Items for Public Transit and Rail were presented and approved.
ACTIONS TAKEN	Motion to approve Public Transit funding items was made by Jeff Sheehan and seconded by Cheryl McQuery. Motion to approve Rail funding items was made by Andy Perkins and seconded by Cheryl McQuery.

3. TRANSIT UPDATE – KEITH WEATHERLY	
DISCUSSION SUMMARY	Mr. Weatherly discussed the successful launch of the new dredge in the ferry division and reported that a tentative deal for sale of the DOT helicopter has been made keeping us in line with the Legislature’s directive.
ACTIONS TAKEN	Informational



Transportation

MULTIMODAL COMMITTEE MEETING MINUTES

4. PUBLIC TRANSPORTATION DIVISION – DEBBIE COLLINS	
DISCUSSION SUMMARY	Ms. Collins reported on the Board Vehicle Funding Plan and discussed formulating a better assessment plan for replacement of vehicles. Maintenance schedules are being met with 80% on time. Mr. Sheehan requested a future update on our arrangement with Go Triangle in relation to the Fortify projects; he is interested in whether the ridership numbers justify continuation and what if any is the obligation to continue that program?
ACTIONS TAKEN	Informational

5. FERRY UPDATE – ED GOODWIN	
DISCUSSION SUMMARY	Mr. Goodwin provided a slide show from the christening of the new dredge “Manteo” on 4/28/16. The Governor was in attendance along with several local area representatives. The ceremony incorporated the local heritage and history along with the modern technology of the new vessel.
ACTIONS TAKEN	Informational

6. AVIATION DIVISION – BOBBY WALSTON	
DISCUSSION SUMMARY	Mr. Walston reported that the recent AANC in Wilmington was well attended. Secretary Tennyson was there and they presented the results of the Governor’s Aviation Task Force. He presented the same presentation and also a video that presented information on the economic impact aviation has on the state. *Mr. Walston presented an endorsement letter supporting a request for a Small Community Air Service Development Program (SCASDP) Grant for Pitt-Greenville Airport in the amount of \$750,000.00. This grant would support additional air service at the airport. Public and private partners have agreed to contribute \$678,667.00 to the effort. The committee approved this without exception. (A copy of the letter was provided to all members)
ACTIONS TAKEN	Informational/Approval of letter*



MULTIMODAL COMMITTEE MEETING MINUTES

7. RAIL DIVISION - PAUL WORLEY	
DISCUSSION SUMMARY	Mr. Worley reported on the Rail Division's participation at the VA/NC Compact conference in Richmond, VA and the Southeast Rail Forum held in Charlotte, NC. There are many upcoming promotional activities coming up and he will email dates and additional information. The repeal of HB998 (light rail cap) was mentioned along with some encouragement to contact representatives to request support for the repeal.
ACTIONS TAKEN	Informational

8. BIKE & PEDESTRIAN UPDATE – LAUREN BLACKBURN	
DISCUSSION SUMMARY	Ms. Blackburn commented on Bike to School Day and the efforts to teach safety. May is National Bike Month. The Great Trails State Booklet which includes highlights of the trails available from the Mountains to the Sea was shown; there are trails for everyone whether you hike, bike, or paddle. The book was recently mentioned in USA Today.
ACTIONS TAKEN	Informational



MULTIMODAL COMMITTEE AGENDA

BOARD OF TRANSPORTATION JUNE 1, 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 (Aviation, PTD)	Bobby Walston/Debbie Collins	10:35-10:40
Transit Update	Keith Weatherly	10:40-10:45
Aviation Update	Bobby Walston	10:45-10:50
Ferry Update	Ed Goodwin	10:50-10:55
Bike & Pedestrian Update and Policy Presentation	Lauren Blackburn	10:55-11:10
Public Transportation Update and Introduction of Tim Maloney From Wake County Transit	Debbie Collins	11:10-11:20
Wake County Transit Plan Presentation	Tim Maloney	11:20-12:00
Adjourn	Chairman Perkins	12:00

*Amended



NCDOT Policies on Bicycle and Pedestrian Accommodation

*BOT Multimodal Committee Meeting
June 2016*



Policy Name	Policy Topics	Board Role in Update	Last Update	Update Needed?
Pedestrian Policy	Allows NCDOT to participate with municipalities in construction of sidewalks as incidental features of highway improvement projects. Municipality is required to maintain sidewalk. Tiered cost share is established.	Y	2001	Y
Bridge Policy (pages 6-7 only)	Establishes design elements for bridges, and addresses sidewalks and bicycle facilities on bridges. Cost share provisions follow Pedestrian Policy.	Y	1994	Y
Greenway Accommodation Guidelines	Requires NCDOT to consider greenways/crossings as part of highway and bridge projects. Includes a process for NCDOT to determine if a planned greenway should be accommodated under a bridge. Cost share established for both municipalities and counties.	N	2015	N
Bicycle Policy	Series of guidelines that have been superseded by Complete Streets Policy and agency rules. Supported by current state and federal design guidelines and NCDOT planning practices.	N	2009	N
Complete Streets Policy	Directs NCDOT to consider and incorporate all modes when building new projects or making improvements to existing infrastructure.	Y	2009	Y (technical)

Pedestrian Policy

- Allows municipalities to add pedestrian facilities as part of a highway or bridge TIP project.
- Municipality or County must notify NCDOT about the desire for a sidewalk and will be responsible for evaluating need, public involvement, and maintenance.
- The municipality is responsible for ROW/easement and utility relocation where the sidewalk or path will be outside the berm of the roadway project.

Proposed Updates

- Incorporate cost participation for counties
- Clarify cost participation for multi-use paths
- Clarify funding-source options for local cost participation
- Update procedure manual to reflect process outlined in Greenway Accommodation Guidelines



Bridge Policy

- Allows NCDOT to accommodate sidewalks on new bridges with curb and gutter approach roadways; in some cases, only one side may warrant a sidewalk.
- Decision-making process of Pedestrian Policy is followed to determine whether sidewalks will be accommodated on one or both sides of new bridges. Cost share is established via the Pedestrian Policy.

Proposed Updates

- Reference cost participation updates in Pedestrian Policy
- Provide design flexibility for sidewalk accommodation connecting to walkway on shoulder (rural) roadway cross-section
- Update design standards for bicycle railing



Greenway Accommodation Guidelines

- The 1994 NCDOT *Administrative Action to Include Greenway Plans* establishes the consideration of greenways/crossings during the highway planning process.
- The 2015 *Guidelines for Inclusion of Greenway Accommodations Underneath a Bridge as Part of a NCDOT Project* clarifies the *Administrative Action*, provides a process for NCDOT staff to utilize when determining if a planned greenway should be accommodated as part of a bridge project, and establishes cost share provisions for certain accommodations.
- No updates proposed



Complete Streets Policy

- Requires that NCDOT consider multimodal alternatives in the design and improvement of all appropriate transportation projects within a growth area of a town or city unless exceptional circumstances exist.
- Routine maintenance projects may be excluded if funding is not available.
- *Complete Streets Planning and Design Guidelines* further describe approach and decision-making process.
 - On-road bicycle accommodation guidelines are described per each street-type.
 - Other NCDOT cross-sections are followed for detailed bike lane and shoulder widths.

Proposed Update

Change technical name to “NCDOT Complete Streets Policy”



Policy Name	Update Proposed	Board Role in Update
Pedestrian Policy	<ul style="list-style-type: none"> • Update various cost participation requirements for counties and multi-use paths • Clarify use of federal funds within local funding • Update review procedures to be consistent with Greenway Accommodation Guidelines • Other technical changes 	Y
Bridge Policy (pages 6-7 only)	<ul style="list-style-type: none"> • Add option for sidewalk on bridge connecting to rural roadway cross-section • Update bridge railing standards for bicyclists 	Y
Greenway Accommodation Guidelines	N/A	N
Bicycle Policy	Move to appendix of Walk Bike NC as technical resource	N
Complete Streets Policy	Rename title in official BOT policy document	Y

Questions



**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
FERRY DIVISION MONTHLY UPDATE REPORT FOR APRIL 2016**

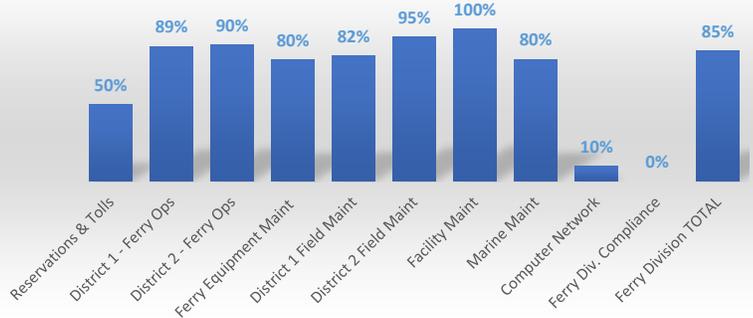
Ridership (Vehicles)

Ferry Routes	CY16 APRIL	CY15 APRIL	DELTA	CY16 YTD	CY15 YTD	DELTA
Currituck - Knotts Island	1,373	1,687	-18.6%	15,662	13,839	13.2%
Hatteras - South Dock	16,996	19,419	-12.5%	188,522	190,935	-1.3%
Swan Quarter - Ocracoke	2,218	2,427	-8.6%	25,269	23,778	6.3%
Cedar Island - Ocracoke	3,769	3,985	-5.4%	35,170	36,957	-4.8%
Aurora - Bayview	4,322	4,525	-4.5%	41,281	48,738	-15.3%
Cherry Branch - Minnesott	17,332	17,894	-3.1%	157,754	162,416	-2.9%
South Port - Fort Fisher	17,768	18,350	-3.2%	159,006	150,446	5.7%
Emergency Ferry Rt.	N/A	N/A	N/A	N/A	N/A	N/A
Monthly Total	63,778	68,287	-6.6%	622,664	627,109	-0.7%

Budget (Operations & Maintenance)

Departments	FY2016 Spending Plan	through APRIL 2016
Reservations & Tolls	\$ 342,607.11	\$ 171,187.44
District 1 - Ferry Ops	\$ 10,525,000.00	\$ 9,316,184.10
District 2 - Ferry Ops	\$ 8,350,000.00	\$ 7,495,296.62
Ferry Equipment Maint	\$ 13,536,331.00	\$ 10,821,298.63
District 1 Field Maint	\$ 600,000.00	\$ 494,439.11
District 2 Field Maint	\$ 650,000.00	\$ 615,874.27
Facility Maint	\$ 400,000.00	\$ 399,264.31
Marine Maint	\$ 1,000,000.00	\$ 800,223.03
Computer Network	\$ 2,500.00	\$ 241.80
Ferry Div. Compliance	\$ 1,450,000.00	\$ 1,342,405.14
Ferry Division TOTAL	\$ 36,856,438.11	\$ 31,456,414.45

Percent of Planned Budget Spent



Status of Capital Reserves Funds

Routes	WBS	Balance in WBS as of March FY16
FER Shipyard Capital Reserve	16SP.43	\$ 1,602,185.72
FER Sys Cptl All Routes	16SP.501.1	\$ 289,625.86
FER D1 Currituck-Knotts Island Cap Reserve	16SP.511.1	\$ 5,308.67
FER D1 Hatteras Inlet Cap Reserve	16SP.512.1	\$ 49,153.10
FER D1 Swan Quarter - Ocracoke Island Cap Reserve	16SP.513.1	\$ 398,962.17
FER D1 Ocracoke Island of OI-Cedar Island Cap Reserve	16SP.514.1	\$ 351,897.72
FER D2 Pamlico River Route Cap Reserve	16SP.521.1	\$ 5,107.82
FER D2 Cherry Branch - Minnesott Beach Cap Reserve	16SP.522.1	\$ 29,726.63
FER D2 Cedar Island of OI - Cedar Island Cap Reserve	16SP.523.1	\$ 351,872.03
FER D2 South Port - Fort Fisher Cap Reserve	16SP.531.1	\$ 759,675.44
Total		\$ 3,843,515.16

Updates or Comments

- 1) Ferry Sponsorship Proposal received from The Superlative Group of Houston TX. Proposal reviewed 4/13/16.
- 2) All routes on summer schedule.
- 3) Operation building replacement projects are as follows: Currituck 80% complete, Swan Quarter 75% complete, Cherry Branch 10% complete.
- 4) Ferry Division Hurricane Exercise scheduled for May 24th.





Public Transportation Division

Division's Success Plan

The Public Transportation Division has been working to implement success plans with our 82 Community Transportation Systems that provide transportation services in the 100 counties. Activities are underway to provide support and assistance in the quarterly reporting.

A Success Plan has also been developed for the Division. It includes realignment of the organization to better meeting the requirements internally and externally. The final version will be shared as the pieces are finalized.

PERFORMANCE SCORECARD		2016-2017									
Key Strategy	Performance Metric	PERFORMANCE				Points					
		Goal	Q1	Q2	Q3	Q4	Goal	Actual Q1	Actual Q2	Actual Q3	Actual Q4
Thriving Agencies	Average agency scorecard score	85					15				
	Average agency Net Promoter Score	10					10				
	% of agencies with increased ridership	25%					5				
TOTAL							30				
Financial Management	% of grant funds spent (12-month average)	90%					10				
	% of sub-recipient active accounts	98%					8				
	% of agency claims accurate and valid on first submission	90%					7				
	% of program claims forwarded for payment within 5 working days	85%					3				
% of claims paid by fiscal staff within 3 working days	85%					2					
TOTAL							30				
Performance Driven	% of agencies completing quarterly Success Plan scorecards	85%					7				
	% of MDS/agency scorecard review coaching calls completed	85%					5				
	% of agency Success Moments achieved	85%					4				
	% of agency Success Plans completed	90%					3				
	% agencies with five year budgets and capital plans	90%					2				
	% of agencies with vehicle replacement plans	90%					2				
Agency satisfaction with PTD	80%					2					
TOTAL							25				
Employee Success	Employee engagement	5.25					7				
	% of employee performance goals achieved	85%					5				
	Employee satisfaction	85%					3				
TOTAL							15				
OVERALL TOTAL							100				

PERFORMANCE SCORECARD		2016-2017									
Thriving Agencies		30									
Financial Management		30									
Performance Driven		25									
Employee Success		15									
TOTAL	30	TOTAL	100								





PTD Activities Underway

May 2016 Activities

Training:

- Net Promoter Score Training
- Staff Budget Training 2
- Lean Six Sigma – Yellow Belt
- Excel
- Legacy Leadership

Meetings Attended:

- Transit Advisory Board meetings
- TRB Conference Committee
- Rail Brainstorming on Salisbury Station
- NCAMPO Quarterly Meeting
- NCAMPO Annual Meeting
- Meetings with MPOs and systems on new five-year budget
- APTA Bus and Paratransit Conference (Charlotte)

Upcoming:

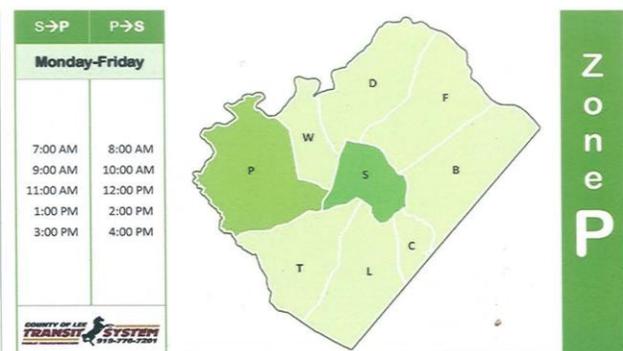
- NCPTA Conference (Concord)
- Safety Manager Training
- New Director Training
- Procurement Training

Calendar of activities underway:

- The Federal Transit Administration is launching a new safety requirement called Safety Management System (SMS). PTD has a long standing safety program and is currently visiting the Safety System Plan elements and the oversight requirements to alignment them with the SMS.
- Two Notice of Funding Opportunities (NOFO) were submitted during May. The 5339 (b) Discretionary Bus and Bus Facility NOFO focused primarily on vehicle needs of over \$15M. Rides to Wellness seeks to fund innovative solutions that increase access to healthcare, decrease healthcare costs, and/or improve healthcare outcomes. This proposal focuses on our long distance medical services.
- PTD is actively visiting and refining the planning activities conducted for the sub recipients. The systems will be placed into different categories based on the complexity of their operation and region. The planning process will be renamed and activities created to focus on regional opportunities to meet longer distance transportation patterns.

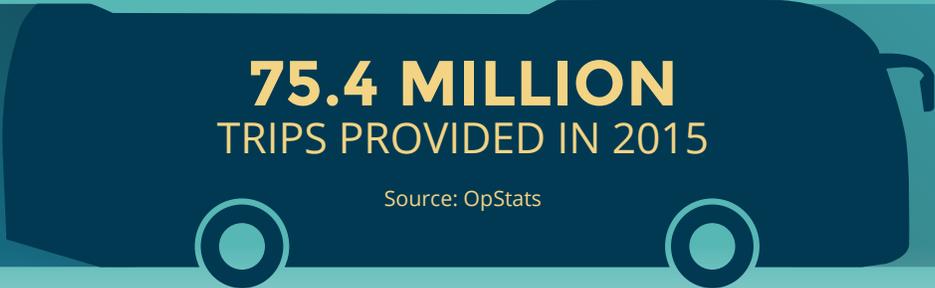
Success Stories

- At FTA's Region IV recent States' meeting, PTD was recognized for the fewest number of inactive grants, outstanding achievement in TrAMS (new grant system) and partnership with 5307 efforts.
- PTD has been working with the Institute for Transportation Research and Transportation to implement structured scheduling – a new way of thinking about business. Lee County is our first system to take on this challenge. Recently, they were able to provide services to a new portion of the county based on this new structure. This is a diagram for one of the zones. Congratulations Lee County for a job well done!!



BENEFITS OF TRANSIT IN NORTH CAROLINA

NCDOT Public Transportation Division, April 2016 • www.ncdot.gov/nctransit



75.4 MILLION
TRIPS PROVIDED IN 2015

Source: OpStats



\$1.019 BILLION
STATEWIDE BUSINESS OUTPUT

Expenditure-related economic contribution refers to statewide economic effects supported by the capital and operational expenditures of North Carolina's transit systems.

Source: TREDIS (Transportation Economic Development Impact System)



\$802 MILLION
ANNUAL BENEFIT OF HAVING A TRANSIT OPTION
IN NC COMMUNITIES

Transportation cost savings — using transit instead of other modes

Affordable mobility options — benefit from having transit services available

Source: SURTC/CUTR (Small Urban and Rural Transit Center) (Center for Urban Transportation Research)

PUBLIC TRANSPORTATION PROVIDES

- Economic benefits to communities
- Health benefits
- Access to work, education, training, medical transportation, shopping and tourism

REDUCES

- Individual transportation costs
- Congestion and delays
- Road construction and maintenance



TRANSIT FUNDING

Every \$1 the state of North Carolina invests in transit generates approximately \$7 of total investment in North Carolina from federal, state and local sources.

Source: OpStats



More than **11,000 JOBS**
are supported by transit
system operations and capital
investments which results in
\$416 MILLION in wages

Source: TREDIS



Source: *Economic Benefits of Transit* research conducted for NCDOT/PTD by the Institute for Transportation Research and Education at North Carolina State University. April 2016.

PIEDMONT & CAROLINIAN PERFORMANCE SNAPSHOT

NCDOT RAIL DIVISION for the Month of MARCH 2016

Ridership

	FFY16 MAR	FFY15 MAR	Δ	FFY16 YTD	FFY15 YTD	Δ
Carolinian	25,467	25,859	-2%	136,007	145,427	-6%
Piedmont	14,267	14,624	-2%	80,518	85,123	-5%
Total	39,734	40,483	-2%	216,525	230,550	-6%

Number of Trains

Average Number of Passengers per Train

FFY16 MAR	FFY15 MAR	Service	FFY16 MAR	FFY15 MAR	Δ
62	60	Carolinian	411	431	-5%
122	116	Piedmont	117	126	-7%

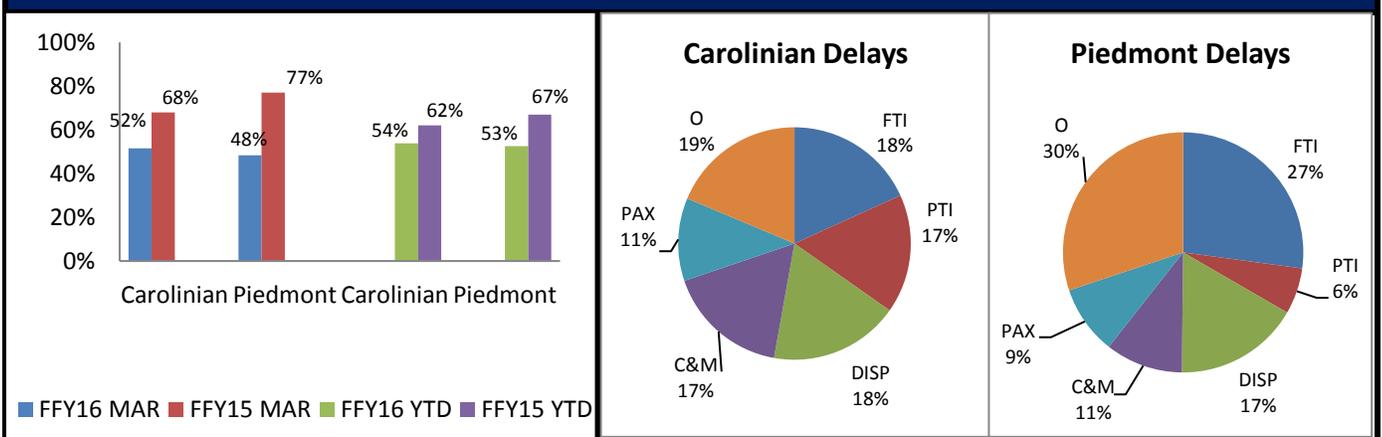
Revenue

	FFY16 MAR	FFY15 MAR	Δ	FFY16 YTD	FFY15 YTD	Δ
Carolinian	\$1,549,135	\$1,641,019	-6%	\$8,390,109	\$9,145,501	-8%
Piedmont	\$296,926	\$304,716	-3%	\$1,726,467	\$1,772,878	-3%
Total	\$1,846,061	\$1,945,735	-5%	\$10,116,576	\$10,918,379	-7%

Amenities & Vending	Mo. Surcharge + Vending Income	\$22,093	Mo. Expense	\$3,889	Mo. Surplus	\$18,204
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March 2016 service modifications and annulments impacted four Piedmont trains. On Mar. 14, Trains 74 and 75 were annulled, Train 73 terminated at Kannapolis, and Train 76 originated at Kannapolis to accommodate CATS project work. Additional disruptions for PIP project work will continue to occur as necessary through completion of the project. Average gasoline prices were \$0.42/gallon lower in Mar. 2016 than in Mar. 2015 (EIA Weekly Retail Gasoline for Lower Atlantic region).

On-time Performance



*Carolinian and Piedmont delays were 6,836 and 4,684 minutes, respectively. FTI - Freight Train Interference; PTI - Passenger Train Interference; DISP - Dispatch Related; C&M - Construction, Maintenance; PAX - Any Passenger Related; O - All Other Delays (e.g. weather, mechanical). Carolinian trains arriving within 20 minutes and Piedmont trains within 10 minutes of schedule are considered on time.

Overall Customer Satisfaction

	FFY16 FEB	FFY15 YEAR-END	Δ
Carolinian	77%	75%	2%
Piedmont	95%	90%	5%

*The customer satisfaction index (eCSI) is calculated from rider survey data conducted on line and is for one month prior to the current report month. Overall satisfaction is defined as average scores greater than or equal to 80. Customer satisfaction goals for FFY 2015 were 79% for the Carolinian and 90% for the Piedmont; and for FFY 2016 are 77% for the Carolinian and 91% for the Piedmont. Overall February eCSI for all Amtrak services was ??%.

North Carolina City Pairs with Largest Ridership

	Carolinian	Piedmont
1	Charlotte - Raleigh	Charlotte - Raleigh
2	Raleigh - Washington	Charlotte - Greensboro
3	Charlotte - Durham	Charlotte - Durham
4	Durham - Washington	Charlotte - Cary
5	Greensboro - Washington	Greensboro - Raleigh
6	Charlotte - Washington	Durham - Greensboro
7	Cary - Washington	Cary - Greensboro
8	New York - Raleigh	Charlotte - HighPoint
9	Philadelphia - Raleigh	Burlington - Charlotte
10	New York - Wilson	Cary - Durham

*Of the ten city pairs with the highest ridership, from the previous FFY month Cary - Washington had the largest increase of 18% and New York - Raleigh the largest decrease of 49% for the Carolinian; Burlington - Charlotte had the largest increase of 64% and Charlotte - Greensboro the largest decrease of 14% for the Piedmont.

Carolinian and Piedmont Total Ons-Offs at North Carolina Stations

	FFY16 MAR	FFY15 MAR	Δ
Charlotte	13,964	14,473	-4%
Raleigh	10,301	11,045	-7%
Greensboro	9,366	9,367	0%
Durham	7,261	7,516	-3%
Cary	5,176	5,123	1%
Wilson	2,720	2,304	18%
High Point	2,641	2,616	1%
Burlington	1,948	2,353	-17%
Kannapolis	1,875	1,480	27%
Salisbury	1,607	1,953	-18%
Rocky Mount	1,580	1,352	17%
Selma-Smithfield	704	712	-1%

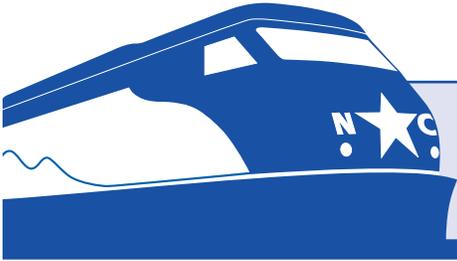
*The values represent passenger ons and offs at North Carolina stations for state-supported routes only and do not include those of other Amtrak services. The values should not be construed as total ridership.

North Carolina Train Host Association

	FFY16 MAR	FFY16 YTD
Train Host Volunteer Hours	1,417	6,580

Go. Reconnect.





Rail Division Projects make the Draft Statewide Funding Level in STI



Safety improvements were made to Rogers Lake grade crossing until it can be replaced by a STI funded grade separation

The Strategic Prioritization Office of Transportation (SPOT) released the P4.0 preliminary scores to the public on April 13, 2016 for projects that would be funded at the statewide level. This is the first step in drafting the State Transportation Improvement Program (STIP) for 2021-2027. The next step in the selection process is assigning points to projects that are eligible to receive funding at the regional level. Local input points are now being assigned to projects at the regional level through June 30th. After the projects are selected for the regional level, the SPOT office will then look to have local input points assigned to projects at the division Level. The division level is the final step in the selection of the draft STIP.

The Rail Division received funding for three projects at the statewide level. Rogers Lake Road Grade Separation, a long sought after project in Kannapolis that has been in the planning stages since 1997, was selected. This project will replace one of the busiest at-grade crossings in Cabarrus County with a grade separation. ROW plan development is currently under way with funding that was previously allocated to the project from FHWA and the Freight Rail and Rail Crossing Safety Improvement (FRRCSI) fund. Hilltop Road Grade Separation project, in Greensboro, was the next project selected. This project will eliminate a busy at-grade crossing on the NS Main line with a grade separation. The highest scoring project is the CSX Carolina Connector Intermodal facility, which is currently under site selection and planning.

\$5 Kids Fare

This year NC By Train along with Amtrak will offer the \$5 Kids Fare program. This campaign will begin May 1 and run through August. This offer will be eligible for travel on Tuesdays, Wednesdays, Thursdays, and Saturdays only and is available on the *Piedmont* and *Carolinian* (travel to/from all cities within North Carolina). This offer is valid for a \$5 rail fare for up to 2 children ages 2 – 12 accompanied by a paid adult regular (full) fare ticket. Children must travel with adult at all times and is available only for coach seating. **Tickets may be purchased through [NC By Train](#) using promotional code V765.**



Durham Train Station Makes Top Ten List

Amtrak released the Top Ten Stations list for the last six months, based on national Customer Satisfaction Index scores over the past six months. The Durham Station was second on the list. Congratulations to the Amtrak staff for your hard work and dedication to passengers.



Baseball Season Starts Up Along Rail Corridor



The Rail Division's Customer Service Unit is getting ready for baseball and other exciting events this spring and summer. We will be tabling

more than 20 baseball games as well as attending and/or sponsoring events such as Hello Huntersville, Cary Train Day, Cary Lazy Daze and Battle of the Bands to name a few.

Please mark your calendar for NC By Train Game Night with the Durham Bulls on June 23. Game starts at 7:05 pm.



New Student Discount Program

Now students can save 15 percent year-round on the train travel. This offer is available for students between the ages of 17 – 25. No code is needed, but a valid student photo ID is required upon request. Student reservations required a minimum of 3 days prior to travel.

Out and about:
Rolling advertisement for NC By Train and the new Go. Reconnect. campaign.



Train Host Milestones



Hats off to Volunteer Train Host Bill Cole. This year marks his 25th year of service to the NC Train Host Association.

Bill has served in many positions in the organization, including dispatcher, vice president, president and Charlotte station host coordinator. In addition to hosting onboard the trains and at the Charlotte station, he has been present at station dedications, for

demonstration trains and many special events. While president of the association, he was instrumental in finalizing insurance for train hosts. Bill has worked hard to build the organization and comradery among the volunteers. Many Sunday afternoons he hosted gatherings for the hosts at his home.

Bill has worked hard to build awareness of and ridership on North Carolina's passenger rail service. Being a retired history teacher, he especially loves to help other teachers to plan field trips and sharing his knowledge to making the trips memorable for the teachers, children and the chaperones.

In addition to riding North Carolina's trains, Bill has traveled around the United States on Amtrak several times and even lead trips for the hosts to Chicago, New Orleans and Washington. If you participate in NC Transportation Museum, NRHS or CAPT excursions, expect to see Bill there too.

We commend Bill for his dedication and hard work to support NC By Train over the past 25 years. Thank you for all that you do!



Bill Cole being interviewed by reporter at Greensboro Station Dedication in 2005

Ridership & Revenue on NC's Amtrak Service – *Mar. 2016 vs. 2015

	RIDERSHIP			REVENUE		
	2016	2015	% +/-	2016	2015	% +/-
Piedmont	14,267	14,624	-2%	\$296,926	\$304,716	-3%
Carolinian	25,467	25,895	-2%	\$1,549,135	\$1,641,019	-6%

1,417



Hours Volunteered by N.C. Train Hosts in March, supporting NC ByTrain onboard and at events.

***March 2016 service modifications and annulments impacted four Piedmont trains.** On Mar. 14, Trains 74 and 75 were annulled, Train 73 terminated at Kannapolis, and Train 76 originated at Kannapolis to accommodate CATS project work. Additional disruptions for PIP project work will continue to occur as necessary through completion of the project. Average gasoline prices were \$0.42/gallon lower in Mar. 2016 than in Mar. 2015 (EIA Weekly Retail Gasoline for Lower Atlantic region).

Upcoming Special Train Stops

Raleigh – North Carolina State Fair

Carolinian trains 80 and 79 will make special stops at the Blue Ridge Road grade crossing Oct. 14 - 23, 2016.

Lexington Barbeque Festival

Carolinian and *Piedmont* trains will also be stopping in Lexington on Oct. 22 for the annual Lexington BBQ Festival.



Kannapolis Station Connectivity Study

This study focuses on improving connectivity to and from the Kannapolis Train Station. Utilizing the rail service at the Kannapolis Train Station will be more appealing to passengers if the ease of the “first mile” and “last mile” of their trip is improved. This study considers the obstacles and opportunities for the following transportation modes: Pedestrian, Bicycle, Personal Automobile, Transit and Private Providers.

This was the first Connectivity Study performed by the Rail Division with local stakeholders along the Rail Corridor. The Kannapolis Station Connectivity Study will serve as a template to perform additional connectivity studies at other stations between Raleigh and Charlotte. The next Connectivity Study will be performed in Salisbury.



March 2016 *Piedmont* and *Carolinian* Passenger On's-Offs at the Kannapolis Station was 1,875 – 27% higher than March 2015.

Piedmont Locomotive Program wins Diesel Emissions Reduction Grant

A grant for \$102,500 has been awarded to the NCDOT Rail Division by the NC Department of Environmental Quality (DEQ) to acquire a diesel particulate filter which will be used as part of the prototype Blended Aftertreatment System (BATS) to reduce emissions levels on one NCDOT locomotive to near EPA Tier 4 levels. The Rail Division would like to thank DEQ for their continued support and partnership in working towards reducing our locomotive emissions.

Pets Now Permitted on NC By Train



Passengers are now permitted to travel aboard the *Piedmont* and *Carolinian* with small cats and dogs for a \$25 fee. Some key parts of the new guidelines include:

- Only one pet per passenger is allowed.
- Pets must be at least eight weeks old and weigh a maximum of 20 pounds, including their carrier.
- The maximum size for pet carriers is 19" long x 14" wide by 10.5" high.
- Pets must be up to date on all vaccinations.
- Cats and dogs are the only pets allowed.

View [Amtrak's webpage](#) for more information on the pet policy.

Alexander Railroad's Ben Zachary completes 4th Boston Marathon

Ben Zachary, General Manager of the Alexander Railroad, completed the 2016 Boston Marathon in April. "... I am home with my finishing medal from the 120th Boston Marathon run on Monday! As expected, it was an exhilarating experience! Crowds were enormous and the loudest I can recall from my four years there."

He ran with the charity team, MR8, which supports the Martin W. Richard Charitable Foundation, which invests in education, athletics and community. It was formed by the parents of eight-year-old Richard Martin, who was killed in the bombings which occurred at the 2013 Marathon. The team raised more than \$750,000 in support of the foundation, of which Ben contributed over \$12,000 with his fundraising.



Above: Ben Zachary

Left: MR8 Team

2016 Short Line Infrastructure Assistance Program aims to maintain bridges

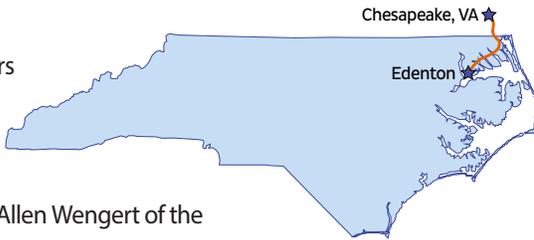
In early 2016, the North Carolina Board of Transportation approved matching funds totaling \$657,493.84 for the rehabilitation of bridges along the short line railroads of the state. The State Rail Plan identified \$35 million dollars in need through 2040 to maintain short line bridges, which are critical to the safety and reliability of regional freight networks. These repairs are an important step towards ensuring North Carolina's short line railroads continue to support job creation and economic development in rural communities. These projects are funded through the Freight Rail and Rail Crossing Safety Improvement Program, funded by the General Assembly using dividends received from the North Carolina Railroad Company.



Repairing the historic Pasquotank River Swing Bridge

This April members of the NCDOT Rail Planning Division met

with Roadmaster Allen Wengert of the Chesapeake & Albemarle Railroad to review ongoing state funded infrastructure improvement projects and discuss future maintenance needs. Stretching between Chesapeake, VA and Edenton, NC this short line railroad is owned by the holding company Genesee & Wyoming, which owns more than 100 railroads in 5 countries. The Chesapeake & Albemarle serves primarily stone and chemical companies and has seen a surge of traffic as construction began last July on the Amazon Wind Farm in Perquimans and Pasquotank counties. In 2014 and 2015 NCDOT provided more



Pasquotank River Bridge – train crosses swing bridge

than \$500,000 in matching Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds to rehabilitate bridges and replace worn cross ties along the railroad's 68 miles of track. Through the Short line Infrastructure Assistance Program (SIAP) matching FRRCSI funds of \$178,300 have been committed in 2016 to rehabilitate a unique swing bridge spanning the Pasquotank River east of Elizabeth City. Although originally turned by hand, the bridge now requires repair to the motor that rotates the central span as well as the walkway spanning the length of the structure.



Surfacing crew making good use of FRRCSI dollars

Eastern NC short line reactivated with help from FR&RCSI program



Rehabilitated Bridge Deck

Freight service returned this April to the former Carolina Southern Railroad line connecting Columbus County to South Carolina and the national rail network.

Following years of disuse the R.J. Corman Railroad Group has invested millions of dollars to refurbish their latest acquisition, now known as R.J. Corman Carolina Lines. A 2015 state grant of \$350,000 in matching funds was used to rehabilitate ten bridges along the corridor, replace badly worn crossties, and resurface portions of the line from Chadbourn to the border with South Carolina. NCDOT Rail Planning

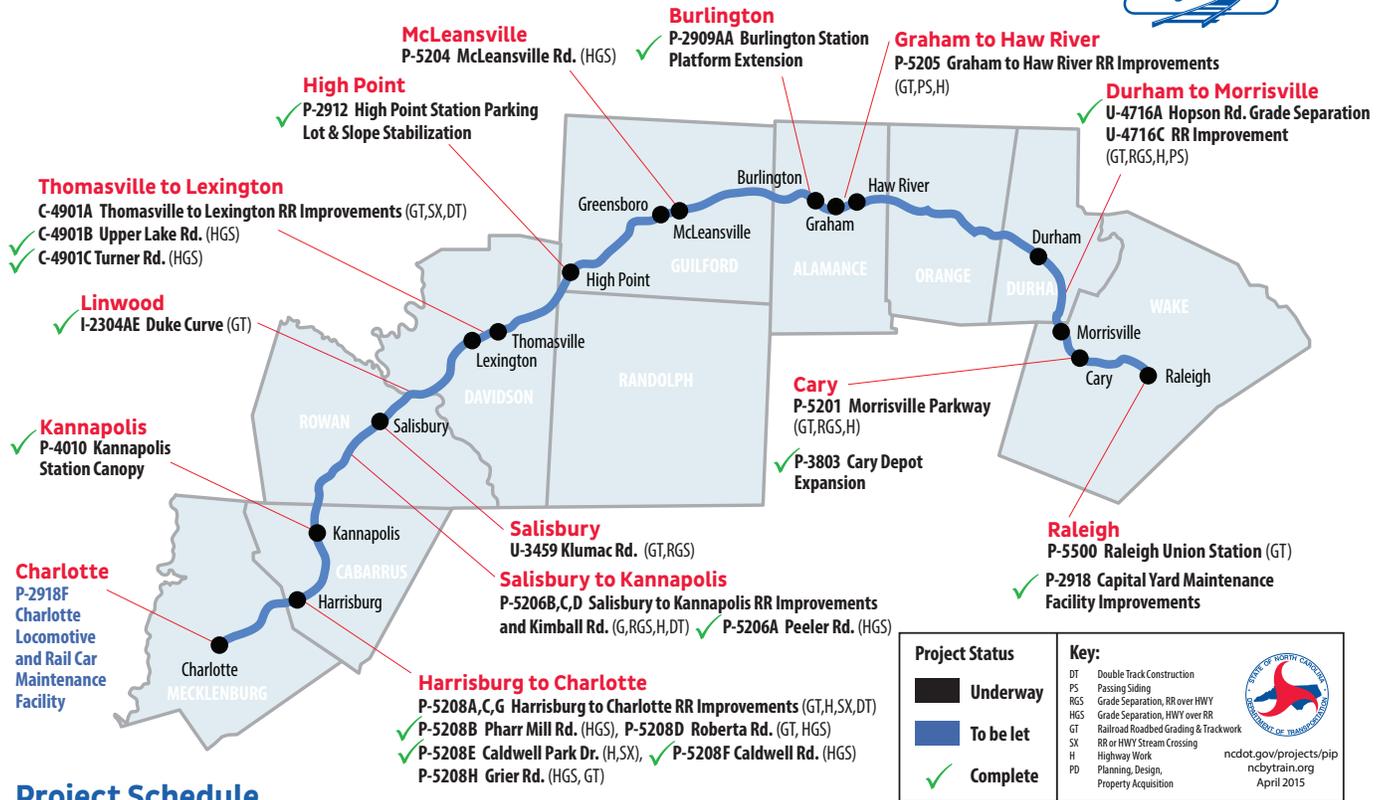
staff visited the renovated depot in Chadbourn this month to review the recent improvements made to date and discuss an upcoming Freight Rail and Rail Crossing Safety Improvement (FRRCSI) grant of \$415,625 in matching funds to repair several bridges and continue the cross tie replacement and surfacing program. R.J. Corman

has been involved in industrial development efforts in the region, including preparations for the potential of a new industry occupying the former Georgia Pacific facility in Whiteville. Currently R.J. Corman runs two trains per week on the Mullins subdivision while work continues to reactivate the Conway subdivision, which terminates in Myrtle Beach, SC. Despite the significance of the recent improvements there remains a great need for additional funding to restore service to the entirety of this important rural railroad.



New ties adjacent to badly worn highlights need for more funding

Piedmont Improvement Program – April 2016 Status Report



Spent to Date of \$520M (eff. 4/30/2016)

Component	Expenditure
PD&A/ROW	\$50,877,008
Equipment Procurement & Rebuild	\$28,219,594
Stations & Facilities	\$45,062,172
Track & Structures	\$267,834,378
CRISP	\$2,180,376
Program Totals	\$394,173,528

Three new contracts totaling \$37,638 were awarded in April.

Commitments to Date of \$520M (eff. 4/30/2016)

Current Commitments		\$471M
Pending Commitments	Anticipated Date	\$42.7M
Charlotte Maintenance Facility Construction	5/16	\$33M
PIDS Construction (pending FRA approval)	5/16	\$1.5M
PD&A	Through '16	\$8.2M
Balance		\$6.3M

PIP and Congestion Mitigation Milestones



South Weldon: All turnouts at CP South Weldon, the last of three A-line double crossover projects, were placed in track on April 3. The crossover is scheduled to be placed fully in service in June. These turnouts will enable more efficient use of the capacity on the railroad for both freight and passenger trains.

Morrisville: The 1.5 mile main line realignment over the new Morrisville Parkway railroad bridge was cut in to service on May 2. Placement of the main track on the new bridge allows for removal of the existing track and the completion of the roadway under the bridge by late Summer.

Charlotte: The railroad bridge for future Mallard Creek Church Road extension was completed in April.

Piedmont Improvement Program – Project Photos – April 2016



P-5201 Morrisville Parkway, track construction



U-4716 Nelson to Clegg Passing Siding, signal work



P-5205 Graham to Haw River Passing Siding, erosion control



P-5204 McLeansville Road, bridge construction



C-4901 Bowers to Lake, Rich Fork Creek Bridge Construction



C-4901 Bowers to Lake, track construction over Abbotts Creek

Piedmont Improvement Program – Congestion Mitigation – April 2016



P-5206 Reid to North Kannapolis, track construction, China Grove



P-5206 Reid to North Kannapolis, Kimball Road, bridge construction



P-5208 Haydock to Junker, Coddle Creek, bridge construction



P-5208 Haydock to Junker, Roberta Road bridge construction



P-5208 Haydock to Junker, spiking



P-5208 Haydock to Junker, track construction



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

(UPDATED 6/1/16)

BOARD OF TRANSPORTATION JUNE 1, 2016

TIME: 3:00 PM

LOCATION: 160

TOPIC	PRESENTER	TIME
David B. Melvin – Bridge No. 188 on SR 1316 (Tar Heel Ferry Rd) over Cape Fear River near Tar Heel, Bladen County, Division 6 (Hutchens)	Leigh Wing	5 min
Gold Star Highway – NC 24 from beginning of highway in Carteret County through Carteret, Onslow, Duplin, Sampson, Cumberland and Harnett Counties	Leigh Wing	5 min
Policy Review	Leigh Wing	10 min
Other Business	Leigh Wing	10 min