

PROJECTS LIST
NORTH CAROLINA BOARD OF TRANSPORTATION
RALEIGH, NORTH CAROLINA
November 30 – December 1, 2016

Delegated Authority Secretary Tennyson

- (Item C) Award of Highway Construction Contracts from October 18, 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 **(No Item this month)**
 - (Item I-1A) 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
- (Item V) Mobility Funds for Construction Projects

NCDOT Board of Transportation Agenda

ITEM C

November 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.
NOVEMBER, 2016
DIVISION 00003

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C203922
17BP.3.R.28

STATE FUNDED
NEW HANOVER

11/15/2016

PROPOSAL LENGTH 0.17 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNAL, AND CULVERT.
LOCATION INTERSECTION OF SR-1436/US-421 AND SR-1140 SOUTH OF WILLARD STREET.

EST CONST PROGRESS.... FY-2017..52% OF BID
FY-2018..48% OF BID

RPN 003 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 6.00%
ESTIMATE 3,458,114.74

DATE AVAILABLE JAN 03 2017
INTER COMPLETION APR 30 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
MAR 17 2017 COMPLETE UTILITY INSTALLATION USING LANE CLOSURES ONLY
DEC 31 2017 COMPLETE ALL WORK REQUIRED OF PHASE III, STEP #1
FINAL COMPLETION OCT 27 2018

	\$ TOTALS	% DIFF
MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	3,156,247.36	-8.7
WELLS BROTHERS CONSTRUCTION COMPANY, INC. TURKEY, NC	3,218,817.00	-6.9
T. A. LOVING COMPANY GOLDSBORO, NC	3,540,300.00	+2.4

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

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C203952
2017CPT.03.03.10711, 2017CPT.03.03.20711, 2017CPT.03.03.20712

STATE FUNDED
PENDER

11/15/2016

PROPOSAL LENGTH 25.68 MILES
TYPE OF WORK MILLING, RESURFACING, SHOULDER RECONSTRUCTION, AND GUARDRAIL
LOCATION 1 SECTION OF US-117 AND 10 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..71% OF BID
FY-2018..29% OF BID

RPN 004 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 4,267,172.82

DATE AVAILABLE JAN 03 2017

FINAL COMPLETION NOV 17 2017

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	3,854,732.58	-9.7
S T WOOTEN CORPORATION WILSON, NC	4,282,332.15	+0.4
HIGHLAND PAVING COMPANY LLC FAYETTEVILLE, NC	4,372,894.13	+2.5

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

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C203951
2017CPT.03.04.10311, 2017CPT.03.04.20311

STATE FUNDED
DUPLIN

11/15/2016

PROPOSAL LENGTH 52.094 MILES
TYPE OF WORK MILLING, RESURFACING, SHLD RECON, GUARDRAIL, AND SIGNALS.
LOCATION 1 SECTION EACH OF US-117 & US-117/NC-50, AND 10 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..66% OF BID
FY-2018..34% OF BID

RPN 005 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 8,700,321.44

DATE AVAILABLE JAN 16 2017

FINAL COMPLETION DEC 01 2017

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	8,748,389.00	+0.6
ROSE BROTHERS PAVING CO INC AHOSKIE, NC	9,935,089.35	+14.2

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

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C203949
38410.3.1, 45619.3.1

BRZ-2143(002), STATE FUNDED
JOHNSTON, WAYNE
B-4562, B-5664
11/15/2016

PROPOSAL LENGTH 1.165 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF SEVEN BRIDGES IN JOHNSTON COUNTY AND ONE BRIDGE IN WAYNE COUNTY.

EST CONST PROGRESS.... FY-2017..09% OF BID
FY-2018..43% OF BID
FY-2019..31% OF BID
FY-2020..17% OF BID

RPN 010 5 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 8,256,529.00

DATE AVAILABLE JAN 03 2017
FINAL COMPLETION JUN 01 2020

	\$ TOTALS	% DIFF
T. A. LOVING COMPANY GOLDSBORO, NC	7,607,500.00	-7.9
S T WOOTEN CORPORATION WILSON, NC	7,665,650.00	-7.2
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JOI	7,682,485.00	-7.0
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	8,892,050.00	+7.7
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	9,480,000.00	+14.8

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

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C203950
17BP.6.R.77

STATE FUNDED
ROBESON

11/15/2016

PROPOSAL LENGTH 0.417 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF 6 BRIDGE IN ROBESON COUNTY.

EST CONST PROGRESS.... FY-2017..08% OF BID
FY-2018..39% OF BID
FY-2019..34% OF BID
FY-2020..19% OF BID

RPN 011 5 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 5,087,819.00

DATE AVAILABLE JAN 03 2017

FINAL COMPLETION JUN 15 2020

	\$ TOTALS	% DIFF
E.S. WAGNER COMPANY, LLC - SOUTH CA PIEDMONT, SC	4,167,026.04	-18.1
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	4,266,100.00	-16.2
SMITH-ROWE, LLC MOUNT AIRY, NC	4,468,079.38	-12.2
S & C CONSTRUCTION LLC WILMINGTON, NC	4,624,581.95	-9.1
DANE CONSTRUCTION, INC. MOORESVILLE, NC	4,992,540.00	-1.9

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

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C203961
15006.1024015, 50138.3.47

STATE FUNDED, HSIP-0701(031)
COLUMBUS
W-5601AT
11/22/2016

PROPOSAL LENGTH 0.4 MILES
TYPE OF WORK EXPRESS DESIGN BUILD.
LOCATION REPLACEMENT OF ONE CULVERT IN COLUMBUS COUNTY AND SAFETY IMPROVEMENTS.

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

RPN 001 5 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 1,603,929.15

DATE AVAILABLE JAN 03 2017
FINAL COMPLETION MAY 25 2017

	\$ TOTALS	% DIFF
E.S. WAGNER COMPANY, LLC - SOUTH CA PIEDMONT, SC	1,451,204.29	-9.5
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	1,456,500.00	-9.2
T. A. LOVING COMPANY GOLDSBORO, NC	1,484,880.00	-7.4
SMITH-ROWE, LLC MOUNT AIRY, NC	1,622,080.82	+1.1
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	1,680,050.00	+4.7

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

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C203840
 34409.3.23

NHP-0421(088)
 FORSYTH
 R-2247CD, R-2247EC
 11/15/2016

PROPOSAL LENGTH 1.8 MILES
 TYPE OF WORK DESIGN BUILD.
 LOCATION MODIFICATION OF US-421 INTERCHANGE AND WITH SR-1891 & US-52 INTERCHANGE WITH NC-65.

EST CONST PROGRESS.... FY-2017..08% OF BID
 FY-2018..39% OF BID
 FY-2019..33% OF BID
 FY-2020..20% OF BID

RPN 014 3 BIDDER(S) DBE GOAL 13.00 %
 ESTIMATE 51,540,170.00

DATE AVAILABLE JAN 03 2017
 FINAL COMPLETION JUL 01 2020

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 CONSTRUCTION, INC.	88.50	9.25	43,900,000.00	-14.8	4,060,750.00	39,839,250.00	-22.7
JOINT VENTURE SMITH ROWE/THOMPSON	87.00	8.50	48,800,000.00	-5.3	4,148,000.00	44,652,000.00	-13.4
E.S. WAGNER COMPANY, LLC - SOUTH CA	85.00	7.50	52,019,618.85	+0.9	3,901,471.41	48,118,147.44	-6.6

PROPOSAL	PROPOSED COMPLETION DATE
BLYTHE CONSTRUCTION, INC.	SEP 05 2019
JOINT VENTURE SMITH ROWE/THOMPSON ART-	MAY 29 2020
E.S. WAGNER COMPANY, LLC - SOUTH CA	MAR 31 2020

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

C203803
 39010.3.2

STATE FUNDED
 CABARRUS
 U-3440
 11/15/2016

PROPOSAL LENGTH 2.646 MILES
 TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
 LOCATION NC-3 FROM PROPOSED WEST SIDE BYPASS TO SR-1691 (LOOP ROAD) IN KANNAPOLIS.

EST CONST PROGRESS.... FY-2017..16% OF BID
 FY-2018..46% OF BID
 FY-2019..31% OF BID
 FY-2020..07% OF BID

RPN 007 8 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 6.00%
ESTIMATE 25,417,554.87

DATE AVAILABLE MAR 15 2017

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

FINAL COMPLETION MAY 13 2020

	\$ TOTALS	% DIFF
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	28,561,337.70	+12.4
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	28,966,416.45	+14.0
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	29,299,058.90	+15.3
SEALAND CONTRACTORS CORP CHARLOTTE, NC	29,680,459.22	+16.8
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	29,743,321.12	+17.0
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	30,199,632.59	+18.8
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	30,340,952.97	+19.4
BRANCH HIGHWAYS, INC. ROANOKE, VA	31,402,245.17	+23.5

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

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C203916
 44797.3.1

NHP-0485(044)
 MECKLENBURG
 I-5960
 11/15/2016

PROPOSAL LENGTH 3.971 MILES
 TYPE OF WORK PAVEMENT AND BRIDGE REHABILITATION
 LOCATION I-485 FROM MM 35.8 TO MM 39.7.

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

RPN 008 4 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 5,234,096.80

DATE AVAILABLE APR 01 2017
 FINAL COMPLETION SEP 30 2017

	\$ TOTALS	% DIFF
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	5,821,947.01	+11.2
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	5,966,397.22	+14.0
BLYTHE BROTHERS ASPHALT CO LLC CHARLOTTE, NC	6,387,988.55	+22.0
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	6,416,658.90	+22.6

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

C203801
 34518.3.FR3

STP-0221(41)
 ASHE
 R-2915C
 11/15/2016

PROPOSAL LENGTH 3.979 MILES
 TYPE OF WORK GRADING, DRAINAGE, PAVING, CULVERT, AND RETAINING WALLS.
 LOCATION US-221 FROM NORTH OF SOUTH FORK NEW RIVER TO SOUTH OF NC-194.

EST CONST PROGRESS.... FY-2017..20% OF BID
 FY-2018..37% OF BID
 FY-2019..26% OF BID
 FY-2020..17% OF BID

RPN 001 5 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 58,790,353.93

DATE AVAILABLE JAN 03 2017
 INTER COMPLETION SEE BELOW COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
 PERMANENT VEGETATION ESTABLISHMENT.
 FINAL COMPLETION DEC 28 2020

	\$ TOTALS	% DIFF
VECELLIO & GROGAN INC BECKLEY, WV	57,986,044.51	-1.4
W. C. ENGLISH, INCORPORATED LYNCHBURG, VA	69,499,673.14	+18.2
BRANCH HIGHWAYS, INC. ROANOKE, VA	70,884,124.42	+20.6
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	72,325,927.82	+23.0
MAYMEAD, INC. MOUNTAIN CITY, TN	83,381,478.45	+41.8

SUMMARY OF BIDS FOR CONTRACT C203801 WITH THE CONTRACT TIME BEING BID BY EACH BIDDER

DAILY COST = \$4,500.00 / DAY

MAXIMUM NUMBER OF DAYS ALLOWED = 1275

	CONTRACT TIME (CALENDAR DAYS)	CONTRACT AWARD BASIS	ACTUAL CONTRACT AMOUNT
ESTIMATED	1230	58,790,353.93	53,255,353.93
VECELLIO & GROGAN INC	1095	57,986,044.51	53,058,544.51
W. C. ENGLISH, INCORPORATED	1035	69,499,673.14	64,842,173.14
BRANCH HIGHWAYS, INC.	1060	70,884,124.42	66,114,124.42

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

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SUMMARY OF BIDS FOR CONTRACT C203801 WITH THE CONTRACT TIME BEING BID BY EACH BIDDER

DAILY COST = \$4,500.00 / DAY

MAXIMUM NUMBER OF DAYS ALLOWED = 1275

	CONTRACT TIME (CALENDAR DAYS)	CONTRACT AWARD BASIS	ACTUAL CONTRACT AMOUNT
ESTIMATED	1230	58,790,353.93	53,255,353.93
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC	1274	72,325,927.82	66,592,927.82
MAYMEAD, INC.	1275	83,381,478.45	77,643,978.45

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

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

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C203918
 17BP.11.R.118

STATE FUNDED
 AVERY, WATAUGA

11/15/2016

PROPOSAL LENGTH 0.344 MILES
 TYPE OF WORK DESIGN BUILD.
 LOCATION REPLACEMENT OF 1 BRIDGE IN AVERY COUNTY AND 4 BRIDGES IN WATAUGA COUNTY.

EST CONST PROGRESS.... FY-2017..08% OF BID
 FY-2018..34% OF BID
 FY-2019..32% OF BID
 FY-2020..26% OF BID

RPN 012 5 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 5.00%
ESTIMATE 4,459,787.00

DATE AVAILABLE JAN 03 2017
 FINAL COMPLETION MAY 01 2020

	\$ TOTALS	% DIFF
SUMMERS-TAYLOR, INC. ELIZABETHTON, TN	4,461,850.00	+0.0
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	4,488,244.00	+0.6
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	5,157,516.99	+15.6
UNITED INFRASTRUCTURE GROUP INC GREAT FALLS, SC	5,700,000.00	+27.8
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	5,914,725.00	+32.6

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

C203948
 2017CPT.13.01.10111, 2017CPT.13.01.20111, 2017CPT.13.01.20112, 44964.3.1

STATE FUNDED
 BUNCOMBE
 SS-4913CL
 11/15/2016

PROPOSAL LENGTH 95.51 MILES
 TYPE OF WORK WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
 LOCATION 1 SECTION EACH OF US-19, US-70 & NC-251, AND 79 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..74% OF BID
 FY-2018..26% OF BID

RPN 009 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 5.00%
 ESTIMATE 12,690,205.64

DATE AVAILABLE JAN 03 2017
 INTER COMPLETION JUL 31 2017 COMPLETE ALL WORK REQUIRED FOR MAPS #4 & #38.
 AUG 31 2017 COMPLETE ALL WORK REQUIRED ON MAPS #82 & #83.
 FINAL COMPLETION NOV 01 2017

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNC	13,528,003.90	+6.6
ROGERS GROUP INC NASHVILLE, TN	15,051,415.13	+18.6

ESTIMATE TOTAL	185,143,291.74	
LETTING TOTAL	179,338,315.24	-3.1

**NCDOT December 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

Chief Engineer

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

DIVISION 7

Project:	34820.3.30 (U-2524D) Guilford County Future I-840, from US 220 (Battleground Ave) to SR 2303 (Lawndale Dr), (2.1 mile) Construct Freeway on new location
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$75,600,00.00
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Deputy Chief Engineer

Materials and Tests

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

STATEWIDE

Description of Work:	2014-2016 Materials and Tests LSC
Firm:	S&ME, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$ 570,000.00
DBE/MBE/SPSF Utilization:	Trimat Materials Testing, Inc. \$142,500.00 25%

Field Support

Right of Way

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 Right of Way LSC on an as needed basis for various federal-aid and state funded projects to support the Right of Way Unit. These contracts will expire 2 years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	Right of Way LSC
Firm:	Professional Property Services, Inc., Cornelius, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Vistabution, LLC, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	Right of Way LSC
Firm:	Acquirelo, LLC, Taylorsville, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Southeastern Right of Way, LLC, Wilmington, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	100%
Description of Work:	Right of Way LSC
Firm:	Carolina Land Acquisitions, Inc., Zebulon, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	100%
Description of Work:	Right of Way LSC
Firm:	Right of Way Consultants, LLC, Winston- Salem, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Hearns Real Estate Solutions, LLC, Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	Right of Way LSC
Firm:	Premier Design Builders, Inc., Kernersville, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	Right of Way LSC
Firm:	The Right of Way Group, LLC, Lumberton, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	TELICS, Pineville, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Vaughn & Melton Consulting Engineers, Asheville, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	HNTB North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Percheron Professional Services, LLC, Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Professional Land Management, LLC, Lexington, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	American Acquisition Group, LLC, Tampa, FL
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Florida Acquisition & Appraisal, Inc., Tampa, FL
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Description of Work:	Right of Way LSC
Firm:	THC, Inc., Lawrenceville, GA
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Gulf Coast, LLC, Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	Atkins North America, Inc., Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	HDR Engineering Inc. of the Carolinas, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	Right of Way LSC
Firm:	North State Acquisitions, LLC, Albemarle, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	100%
Description of Work:	Right of Way LSC
Firm:	O.R. Colan Associates, LLC, Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/WBE Utilization:	100%

Utilities

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 Utilities Design on an as needed basis for various federal-aid and state funded projects to support the Utilities Unit. These contracts will expire 2 years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	Utilities Design LSC
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Design LSC
Firm:	CH Engineering, PLLC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	Utilities Design LSC
Firm:	Davis-Martin-Powell & Associates, Inc., High Point, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	Utilities Design LSC
Firm:	Dewberry Engineers, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Design LSC
Firm:	HDR Engineering, Inc., of the Carolinas, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Design LSC
Firm:	Hinde Engineering, Inc., Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	Utilities Design LSC
Firm:	MA Engineering Consultants, Inc., Cary, NC
Maximum Engineering Fee:	\$500,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	Utilities Design LSC
Firm:	McGill Associates, P A, Asheville, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	Utilities Design LSC
Firm:	Municipal Engineering Services CO., PA, Garner, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization :	100%

Description of Work: Utilities Design LSC
Firm: Rummel Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: Utilities Design LSC
Firm: STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: Utilities Design LSC
Firm: TGS Engineers, Shelby, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

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 Utilities Coordination on an as needed basis for various federal-aid and state funded projects to support the Utilities Unit. These contracts will expire 2 years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work: Utilities Coordination LSC
Firm: AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: Utilities Coordination LSC
Firm: Cardno, Inc., Charlotte, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: Utilities Coordination LSC
Firm: CH Engineering, PLLC, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: Utilities Coordination LSC
Firm: Davis-Martin-Powell & Associates, Inc., High Point, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: Utilities Coordination LSC
Firm: ICE of Carolinas, PLLC, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

December 1, 2016

Description of Work:	Utilities Coordination LSC
Firm:	KCI Associates of North Carolina, PA, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Coordination LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Coordination LSC
Firm:	Rummel Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Coordination LSC
Firm:	So-Deep US, PC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	Utilities Coordination LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Coordination LSC
Firm:	TELICS, Pineville, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Coordination LSC
Firm:	Vaughn & Melton Consulting Engineers, Asheville, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	Utilities Coordination LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%

Transit

Public Transportation

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 Public Transportation Services on an as needed basis for various federal-aid and state funded projects to support the Public Transportation Division. These contracts will expire three (3) years (and one (1) one-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.

STATEWIDE

Description of Work:	2017 Public Transportation LSC
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$750,000.00
DBE/WBE/SPSF Utilization:	Cherry Consulting of the Carolinas, Inc. \$150,000.00 20%
Description of Work:	2017 Public Transportation LSC
Firm:	Asset Management Associates, PLLC, Apex, NC
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	100%
Description of Work:	2017 Public Transportation LSC
Firm:	KFH Group, Inc., Bethesda, MD
Maximum Engineering Fee:	\$750,000.00
DBE/WBE/SPSF Utilization :	100%
Description of Work:	2017 Public Transportation LSC
Firm:	RLS & Associates, Inc., Dayton, OH
Maximum Engineering Fee:	\$750,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2017 Public Transportation LSC
Firm:	TransPro Consulting, LLC, Spring Hill, FL
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	Economic Development Research Group, Inc. \$37,500.00 5%
Description of Work:	2017 Public Transportation LSC
Firm:	VHB Engineering NC, PC, Raleigh, NC
Maximum Engineering Fee:	\$750,000.00
DBE/WBE/SPSF Utilization:	Cherry Consulting of the Carolinas, Inc. \$75,000.00 10%
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC \$75,000.00 10%

December 1, 2016

Description of Work:	2017 Public Transportation LSC
Firm:	Whitman, Requardt and Associates, LLP, Baltimore, MD
Maximum Engineering Fee:	\$750,000.00
DBE/WBE/SPSF Utilization:	Foursquare ITP \$112,500.00 15%
SPSF Utilization:	Renaissance Planning Group, Inc. \$112,500.00 15%
DBE/WBE/SPSF Utilization:	Simon Resources, Inc. \$37,500.00 5%

Description of Work:	2017 Public Transportation LSC
Firm:	WSP Parsons Brinckerhoff, Raleigh, NC
Maximum Engineering Fee:	\$750,000.00
DBE/WBE/SPSF Utilization:	Cherry Consulting of the Carolinas, Inc. \$187,500.00 25%

Planning & Programming

Transportation Planning

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 Corridor Planning on an as needed basis for various federal-aid and state funded projects to support the Transportation Planning Branch. These contracts will expire two (2) years (with a one-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.

STATEWIDE

Description of Work:	Strategic Transportation Corridors Master Plans - Corridor Planning
Firm:	Atkins North America, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	Clearbox Forecast Group, \$25,000.00 PLLC 5%
DBE/WBE/SPSF Utilization:	Public Information \$50,000.00 Associates 10%

Description of Work:	Strategic Transportation Corridors Master Plans - Corridor Planning
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, \$12,500.00 LLC 2.5%
SPSF Utilization:	SpanishSpeaking \$12,500.00 2.5%

December 1, 2016

Description of Work: Strategic Transportation Corridors Master Plans - Corridor Planning
Firm: WSP | Parsons Brinckerhoff, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: Strategic Transportation Corridors Master Plans - Corridor Planning
Firm: H. W. Lochner, Inc., Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: Clearbox Forecast Group, \$50,000.00
PLLC
10%

Strategic Prioritization Office

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

Project: W02677 Statistical Analysis of Strategic Transportation Investments (STI)
Scope of Work: P4.0 Statistical Analysis of Strategic Prioritization
Firm: Cambridge Systematics, Inc., Cambridge, MA
Original Engineering Fee: \$500,000.00
Supplemental Fee: \$500,000.00
Supplemental Work: Local Input Point Process Verification
SPSF Utilization: 0%

Technical Services

Location & Surveys

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 surveying on an as needed basis for various federal-aid and state funded projects to support the Location & Surveys Unit. These contracts will expire two (2) years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	2017-2018 LSC
Firm:	Allied Associates, PA, Winston-Salem, NC
Maximum Engineering Fee:	\$2,500,000.00
SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC
Maximum Engineering Fee:	\$2,500,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	Calyx Engineers and Consultants, Inc., Cary, NC
Maximum Engineering Fee:	\$7,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	Cardno, Inc., Charlotte, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	CH Engineering, PLLC, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	Dewberry Engineers, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	DRMP, Inc., Charlotte, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	ESP Associates, PA, Charlotte, NC
Maximum Engineering Fee:	\$12,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	GEL Engineering of NC Inc., Charleston, SC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	2017-2018 LSC
Firm:	Johnson, Mirmiran & Thompson, Inc., Sparks, MD
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	Joyner Keeny, PLLC, Rocky Mount, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	KCI Associates of North Carolina, PA, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	Mattern & Craig, Inc., Asheville, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	McKim & Creed, Inc., Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	SEPI Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2018 LSC
Firm:	So-Deep SAM NC, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,500,000.00
SPSF Utilization:	100%
Description of Work:	2017-2018 LSC
Firm:	Stantec Consulting Services, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work: 2017-2018 LSC
Firm: Stewart Engineering, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 100%

Description of Work: 2017-2018 LSC
Firm: Taylor, Wiseman & Taylor, Cary, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: 0%

Description of Work: 2017-2018 LSC
Firm: TGS Engineers, Shelby, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 100%

Description of Work: 2017-2018 LSC
Firm: Vaughn & Melton Consulting Engineers,
Asheville, NC
Maximum Engineering Fee: \$6,000,000.00
SPSF Utilization: 0%

Description of Work: 2017-2018 LSC
Firm: Wadelynn Geospatial, LLC, Garner, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 100%

Description of Work: 2017-2018 LSC
Firm: Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2017-2018 LSC
Firm: WithersRavenel, Inc., Cary, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Roadway Design

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for planning & design engineering services on an as needed basis for various federal-aid and state funded projects to support the Roadway Design and Project Development and Environmental Analysis units. These contracts will expire two (2) years (with an optional one (1) year extension) 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 Planning & Design LSC	
Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	Calyx Engineers and Consultants, Inc.	\$160,000.00
	2%	
DBE/MBE/SPSF Utilization:	Accelerate Engineering, PLLC	\$80,000.00
	1%	
SPSF Utilization:	Patriot Transportation Engineering, PLLC	\$80,000.00
	1%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$320,000.00
	4%	
DBE/MBE/SPSF Utilization:	MM/I and Associates, LLC	\$80,000.00
	1%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	KCI Associates of North Carolina, PA, Raleigh, NC	
Maximum Engineering Fee:	\$5,000,000.00	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$1,000,000.00
	20%	
SPSF Utilization:	Sungate Design Group, PA	\$750,000.00
	15%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	Atkins North America, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$5,000,000.00	
DBE/SPSF Utilization:	MI Engineering, PLLC	\$150,000.00
	3%	
SPSF Utilization:	Hinde Engineering, Inc.	\$150,000.00
	3%	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$250,000.00
	5%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	HNTB of North Carolina, PC, Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
SPSF Utilization:	Axiom Environmental, Inc.	\$160,000.00
	2%	
SPSF Utilization:	Environmental Services, Inc.	\$160,000.00
	2%	
DBE/MBE/SPSF Utilization:	MA Engineering Consultants, Inc.	\$80,000.00
	1%	
SPSF Utilization:	So-Deep US, PC	\$80,000.00
	1%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	HDR Engineering Inc. of the Carolinas, Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC	\$240,000.00
	3%	
SPSF Utilization:	Hinde Engineering, Inc.	\$240,000.00
	3%	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$160,000.00
	2%	
SPSF Utilization:	Patriot Transportation Engineering, PLLC	\$240,000.00
	3%	
SPSF Utilization:	Carolina Land Acquisitions, Inc.	\$80,000.00
	1%	
SPSF Utilization:	Ramey Kemp & Associates, Inc.	\$400,000.00
	5%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	Simpson Engineers & Associates, PC, Cary, NC	
Maximum Engineering Fee:	\$5,000,000.00	
DBE/MBE/SPSF Utilization:	100%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	Dewberry Engineers, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC	\$400,000.00
	5%	
DBE/MBE/SPSF Utilization:	Davenport	\$400,000.00
	5%	
SPSF Utilization:	EEE Consulting, Inc.	\$80,000.00
	1%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$240,000.00
	3%	
SPSF Utilization:	Patriot Transportation Engineering, PLLC	\$480,000.00
	6%	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$320,000.00
	4%	
SPSF Utilization:	Southeastern Right of Way, LLC	\$80,000.00
	1%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	Three Oaks Engineering, Inc., Durham, NC	
Maximum Engineering Fee:	\$5,000,000.00	
DBE/WBE/SPSF Utilization:	100%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	Stewart Engineering, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$5,000,000.00	
SPSF Utilization:	100%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	H.W. Lochner, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/MBE/SPSF Utilization:	Accelerate Engineering, PLLC	\$320,000.00
	4%	
SPSF Utilization:	Axiom Environmental, Inc.	\$320,000.00
	4%	
DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP	\$640,000.00
	8%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$320,000.00
	4%	
DBE/MBE/SPSF Utilization:	MM/I and Associates, LLC	\$80,000.00
	1%	

DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC 4%	\$320,000.00
SPSF Utilization:	So-Deep US, PC 4%	\$320,000.00
SPSF Utilization:	Sungate Design Group, PA 5%	\$400,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
SPSF Utilization:	Summit Design and Engineering Services, PLLC 2.5%	\$200,000.00
SPSF Utilization:	Mattern & Craig, Inc. 1%	\$80,000.00
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC 1.5%	\$120,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	STV Engineers, Inc., Charlotte, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	Calyx Engineers and Consultants, Inc. 6%	\$480,000.00
DBE/MBE/SPSF Utilization:	TOMEFOG, Inc. 2%	\$160,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	VHB Engineering NC, PC, Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. 2%	\$160,000.00
SPSF Utilization:	Hinde Engineering, Inc. 3%	\$240,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 6%	\$480,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC 1%	\$80,000.00
SPSF Utilization:	So-Deep US, PC 5%	\$400,000.00
SPSF Utilization:	Sungate Design Group, PA 6%	\$480,000.00
SPSF Utilization:	TGS Engineers 6%	\$480,000.00

Description Of Work:	2016 Planning & Design LSC	
Firm:	TGS Engineers, Shelby, NC	
Maximum Engineering Fee:	\$8,000,000.00	
SPSF Utilization:	100%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	Mead & Hunt, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$3,000,000.00	
DBE/MBE/SPSF Utilization:	Davenport	\$390,000.00
	13%	
SPSF Utilization:	EEE Consulting, Inc.	\$120,000.00
	4%	
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC	\$150,000.00
	5%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC	
Maximum Engineering Fee:	\$8,000,000.00	
SPSF Utilization:	Carolina Ecosystems, Inc.	\$200,000.00
	2.5%	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$200,000.00
	2.5%	
SPSF Utilization:	So-Deep US, PC	\$200,000.00
	2.5%	
SPSF Utilization:	Angler Environmental	\$160,000.00
	2%	
SPSF Utilization:	Progressive Design Group, Inc.	\$320,000.00
	4%	
SPSF Utilization:	Clearbox Forecast Group, PLLC	\$80,000.00
	1%	
Description Of Work:	2016 Planning & Design LSC	
Firm:	DRMP, Inc., Charlotte, NC	
Maximum Engineering Fee:	\$3,000,000.00	
SPSF Utilization:	Hinde Engineering, Inc.	\$60,000.00
	2%	
SPSF Utilization:	Patriot Transportation Engineering, PLLC	\$150,000.00
	5%	
DBE/WBE/SPSF Utilization:	Planning Communities, LLC	\$210,000.00
	7%	
SPSF Utilization:	SpanishSpeaking	\$30,000.00
	1%	

SPSF Utilization:	Sungate Design Group, PA 6%	\$180,000.00
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DBE/MBE/SPSF Utilization:	Tech Engineering Group, PLLC 2%	\$60,000.00
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Description Of Work:	2016 Planning & Design LSC	
Firm:	Mott MacDonald I&E, LLC, Fuquay-Varina, NC	
Maximum Engineering Fee:	\$5,000,000.00	

DBE/WBE/SPSF Utilization:	Ecological Engineering, LLP 5%	\$250,000.00
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DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 2%	\$100,000.00
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DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates, PC 2%	\$100,000.00
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DBE/MBE/SPSF Utilization:	Accelerate Engineering, PLLC 1%	\$50,000.00
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DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. 10%	\$500,000.00
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Description Of Work:	2016 Planning & Design LSC	
Firm:	Calyx Engineers and Consultants, Inc., Cary, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	100%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	WSP Parsons Brinckerhoff, Raleigh, NC	
Maximum Engineering Fee:	\$5,000,000.00	
SPSF Utilization:	Carolina Ecosystems, Inc. 3%	\$150,000.00

SPSF Utilization:	Utility Coordination Consultants 3%	\$150,000.00
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SPSF Utilization:	EEE Consulting, Inc. 2%	\$100,000.00
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DBE/WBE/SPSF Utilization:	Morton & Morton Design Services, PLLC 1%	\$50,000.00
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Description Of Work:	2016 Planning & Design LSC	
Firm:	Moffatt & Nichol, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$5,000,000.00	
SPSF Utilization:	Clearbox Forecast Group, PLLC	\$50,000.00
	1%	
DBE/MBE/SPSF Utilization:	Davenport	\$225,000.00
	4.5%	
SPSF Utilization:	Joyner Keeny, PLLC	\$125,000.00
	2.5%	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$100,000.00
	2%	
DBE/MBE/SPSF Utilization:	Vistabution, LLC	\$200,000.00
	4%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC	
Maximum Engineering Fee:	\$3,000,000.00	
SPSF Utilization:	100%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	Stantec Consulting Services, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$5,000,000.00	
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc.	\$250,000.00
	5%	
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc.	\$150,000.00
	3%	
SPSF Utilization:	Patriot Transportation Engineering, PLLC	\$100,000.00
	2%	
SPSF Utilization:	So-Deep US, PC	\$100,000.00
	2%	

Description Of Work:	2016 Planning & Design LSC	
Firm:	Johnson, Mirmiran & Thompson, Inc., Virginia Beach, VA	
Maximum Engineering Fee:	\$3,000,000.00	
DBE/SPSF Utilization:	MI Engineering, PLLC	\$360,000.00
	12%	
SPSF Utilization:	Ramey Kemp & Associates, Inc.	\$120,000.00
	4%	
SPSF Utilization:	SpanishSpeaking	\$60,000.00
	2%	

DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC 2%	\$60,000.00
DBE/MBE/SPSF Utilization:	Baseline Mobility Group, Inc. 2%	\$60,000.00
SPSF Utilization:	Zapata-LJB, PLLC 4%	\$120,000.00
Description Of Work:	2016 Planning & Design LSC	
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC	
Maximum Engineering Fee:	\$8,000,000.00	
DBE/WBE/SPSF Utilization:	CH Engineering, PLLC 10%	\$800,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering, Inc. 5%	\$400,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 8%	\$640,000.00
SPSF Utilization:	Patriot Transportation Engineering, PLLC 4%	\$320,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions, LLC 2%	\$160,000.00
SPSF Utilization:	SpanishSpeaking 1%	\$80,000.00

Project Development & Environmental Analysis – Natural Environmental

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:	2015 Natural Environmental Services LSC	
Firm:	Three Oaks Engineering, Inc., Durham, NC	
Original Engineering Fee:	\$1,000,000.00	
Previous Supplemental 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:	McCormick Taylor, Inc., Raleigh, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$600,000.00
SPSF Utilization :	Alderman Environmental Services, Inc. \$90,000.00 15%
SPSF Utilization :	Axiom Environmental, Inc. \$30,000.00 5%

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Dr. J.H. Carter III & Associates, Inc., Southern Pines, NC
Original Engineering Fee:	\$600,000.00
Supplemental Fee:	\$300,000.00
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
Previous Supplemental Fee:	\$ 600,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering, Inc. \$20,000.00 2%

Project Development & Environmental Analysis – Project Planning

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:	2014 Planning and Design LSC
Firm:	RS&H Architects-Engineers-Planners, Charlotte, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$6,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Joyner Keeney, PLLC \$37,500.00 2.5%
SPSF Utilization:	Carolina Ecosystems, Inc. \$37,500.00 2.5%
SPSF Utilization:	Progressive Design Group, Inc. \$37,500.00 2.5%
SPSF Utilization:	Utility Coordination Consultants \$37,500.00 2.5%

Description of Work: 2015 Planning and Design LSC
Firm: Davenport, Winston-Salem, NC
Original Engineering Fee: \$1,500,000.00
Supplemental Fee: \$1,500,000.00
DBE/MBE/SPSF Utilization: 100%

DIVISION 12

Project: 37944.1.1 (R-2307) Lincoln, Catawba, and Iredell Counties
NC 150 from relocated NC 16 to I-77
Scope of Work: Preparation of environmental documents and preliminary designs
Estimated Construction Cost: \$203,620,000.00
Firm: Stantec Consulting Services, Inc. Raleigh, NC
Original Engineering Fee: \$1,200,000.00
Previous Supplemental Fee: \$ 595,000.00
Supplemental Fee: \$ 270,000.00
Supplemental Work: Post-hearing work, additional design and traffic analysis, merger meetings and ongoing agency coordination
SPSF Utilization: 0%

NCDOT December 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
Guilford Div. 7	SR 3617 Mabel Lane	GDB&P. Increase Funds. WBS 7C.041184	\$42.88
Guilford Div. 7	SR 2795 Huffine Farm Road	GDB&P. Increase Funds. WBS 7C.041188	\$337,413.37
Guilford Div. 7	SR 2761 Falcon Road	GDB&P. Increase Funds. WBS 7C.041209	\$38,713.05
Guilford Div. 7	SR 3391 Connie Road	GDB&P. Increase Funds. WBS 7C.041212	\$111,410.74
Guilford Div. 7	SR 2945 Carmon Loop	GDB&P. Increase Funds. WBS 7C.041213	\$85,420.31
Guilford Div. 7	SR 2125 Rhondan Drive	GDB&P. Increase Funds. WBS 7C.041228	\$60,295.40
Guilford Div. 7	SR 3366 Canova Road	GDB&P. Increase Funds. WBS 7C.041243	\$42,351.84
Guilford Div. 7	SR 3365 Bali Road	GDB&P. Increase Funds. WBS 7C.041245	\$5,015.00
Guilford Div. 7	SR 2316 Strader Road	GDB&P. Increase Funds. WBS 7C.041250	\$416,214.22

Deletions

County	SR No.	Reason	Amount
Guilford Div. 7	SR 1863 Bending Road	GDB&P Unavailable Right of Way. WBS 7C.041129	-\$160,644.30
Guilford Div. 7	SR 2195 Banning Road	GDB&P. Unavailable Right of Way. WBS 7C.041222	-\$99,456.63
Guilford Div. 7	SR 2043 Hutchens Road	GDB&P. Unavailable Right of Way. WBS 7C.041223	-\$73,062.13

NCDOT December 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)

Deletions

County	SR No.	Reason	Amount
Guilford Div. 7	SR 2116 Draper Road	GDB&P. Unavailable Right of Way. WBS 7C.041226	-\$165,020.99
Guilford Div. 7	SR 1129 Groomtown Road	GDB&P. Unavailable Right of Way. WBS 7C.041239	-\$49,951.20
Guilford Div. 7	SR 1350 Whites Road	GDB&P. Unavailable Right of Way. WBS 7C.041242	-\$60,872.04

December 2016 Item E Summary:

9	Projects to Establish Funds	Amount:	\$1,096,876.81
6	Projects to Delete	Amount:	-\$609,007.29

NCDOT December 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 3				
New Hanover	51220		Stones Edge Subdivision	9/20/16
		0.40	Stones Edge Loop	
		0.09	Briercrest Drive, SR 2029 Ext.	
		0.03	Wynstone Court	
Sampson	51221		McLamb Road Subdivision	9/15/16
		0.23	Rossie Lane	
Division 4				
Johnston	51222		The Gardens at Flowers Plantation Subdivision	5/16/16
		0.05	Greenbriar Court	
Nash	51223		Field Stream Subdivision	9/21/16
		0.05	Fleming Court	
Division 5				
Wake	51224		Branston Subdivision	10/14/16
		0.49	Branston Way	
		0.19	Bleasdale Court	
		0.05	Callowhill Court	
Division 7				
Alamance	51225		Timberlake Subdivision	9/6/16
		0.10	Ervin Newlin Drive	
		0.11	Peggy's Way	
		0.12	Fall Leaves Court	
		0.21	South Spring Flowers Drive	
		0.09	North Spring Flowers Drive	
Guilford	51226		Stonebrook Farm Subdivision	9/30/16
		0.07	Manorwood Road, SR 3644 Ext.	
Rockingham	51227		Sitting Rock Farms Subdivision	8/8/16
		0.20	Lord Godolphin's Place	
Division 8				
Chatham	51228		Briar Chapel Subdivision	9/29/16
		0.37	Bennet Mountain Trace	
		0.06	Saxaphaw Run	
		0.14	Dark Forest Drive	
		0.44	Tobacco Farm Way	
		0.08	Greenleaf Drive	
		0.10	Tarwick Avenue	
		0.25	Cliffdale Road	
		0.63	Wildwind Drive	

December 1, 2016

NCDOT December 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 8				
Chatham	51228		Briar Chapel Subdivision	9/29/16
		0.14	Treywood Lane	
		0.15	Sagebrush Road	
		0.18	Heatherwood Drive	
		0.13	Copper Lantern Drive	
Hoke	51229		Mitchell's Landing Subdivision	7/27/16
		0.11	Maria Drive, SR 1777 Ext.	
		0.05	Mitzie Court	
		0.17	Gertie Court	
Division 9				
Davidson	51230		Mallard Landing Subdivision	9/27/16
		0.41	Mallard Landing Blvd, SR 3407 Ext.	
		0.15	Plantation Village Drive	
		0.06	Sweetwater Court	
Forsyth	51231		Trotters Ridge Subdivision	11/3/16
		0.29	Trotters Ridge Lane	
		0.11	Sun Meadows Drive, SR 4258 Ext.	
Division 10				
Mecklenburg	51232			10/13/16
		0.41	Potts Street	
		0.27	Sloan Street	
		0.92	Beatty Street	
Division 11				
Surry	51233		Hickory Creek Subdivision	10/12/16
		0.19	Hickory Hill Road	
Division 12				
Iredell	51234		Autumn Grove Subdivision	9/21/16
		0.23	Early Frost Lane	
		0.10	Autumn Grove Lane	
Iredell	51235		Davidson Downs Subdivision	3/21/16
		0.03	Devonshire Court	
Iredell	51236		Tuskarora Point Subdivision	10/5/16
		0.19	Tuskarora Point Lane	

NCDOT December 2016 Board of Transportation Agenda

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 4				
Nash	51237	0.05	Portion of SR 1749 Daughtridge Road	8/15/16
Division 5				
Wake	51238	0.33	Portion of SR 1397 Herbert Adkins Road	10/27/16
Wake	51239	0.16	Portion of SR 1762 Wilson Road	10/20/16
Wake	51240	0.07	Portion of SR 1763 Wilson Road	10/21/16
Division 6				
Robeson	51241	0.18	Portion of SR 2413 Page Street	9/30/16
Division 10				
	51242	1.03	SR 2385 Stratton Farms Road	9/30/16

Corrections:

Division 5 – Wake County – Petition 51188, Scarlett Bell Drive was added on August 2016 BOT Agenda. It should have been listed as Scarlet Bell Drive

Division 13 – Buncombe County – Petition 51197, Bee Tree Way was added on August 2016 BOT Agenda. It should have been listed as Bee Line Drive.

Summary: **Number of Roads Petitioned for Addition – 44**
Number of Roads Petitioned for Abandonment – 6

NCDOT DECEMBER 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 Hertford	Funding to assist with design of new airport terminal at Tri-County Airport, serving Bertie, Hertford, and Northampton Counties WBS 45879	Small Construction <hr/> TOTAL	\$12,500.00 <hr/> \$12,500.00
Div 2 Craven	City of New Bern – Intersection improvements and signal modifications at Taberna Way and US-70 Other funding: \$10,000 (City) WBS 49025	Small Construction <hr/> TOTAL	\$100,000.00 <hr/> \$100,000.00
Div 3 Duplin	Install a right turn lane on eastbound NC-24 Bus (Kenansville Hwy) and a right turn lane on northbound SR 1900 (Lanefield Rd) Other funding: \$25,000 (Safety) WBS 46908	Contingency <hr/> TOTAL	\$105,000.00 <hr/> \$105,000.00
Div 4 Johnston	Install traffic signal at the intersection of SR 1555 (Barber Mill Rd) and SR 1010 (Cleveland Rd) WBS 80030	Small Construction <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00
Div 4 Nash	Provide exit signing with exit numbers at three interchanges (US-64Alt, NC-581, and SR 1306) along US-64 WBS 80029	Small Construction <hr/> TOTAL	\$75,000.00 <hr/> \$75,000.00
Div 6 Robeson	Surveying in advance of road improvements including turns lanes and a truck acceleration lane on NC-20 near St Pauls associated with upcoming industry expansion WBS 46913	Public Access <hr/> TOTAL	\$25,000.00 <hr/> \$25,000.00

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

County	Description	Type	Amount
Div 7 Guilford Rockingham Caswell	Feasibility Study to upgrade to interstate standards on US-29 from SR 2565 (Hicone Rd) interchange in Guilford County through Rockingham and Caswell counties to the Virginia State Line WBS 46909	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 9 Forsyth	City of Winston-Salem – Relocate existing traffic signal cabinets in downtown from metal poles to concrete bases WBS 45866	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 9 Forsyth	City of Winston-Salem – Drainage improvements on NC-150 (Peters Creek Parkway) at Academy WBS 45991	Small Construction <hr/> TOTAL	\$90,000.00 <hr/> \$90,000.00
Div 9 Rowan	Widen and strengthen SR 1242 (Chapel St) from new Kimball Rd extension to Bostian Rd WBS 45874	Contingency Small Construction <hr/> TOTAL	\$57,000.00 \$57,000.00 <hr/> \$114,000.00

Deletions:

Div 11, Caldwell County – WBS 44594 was established (10/15) to bring Washboard Lane up to minimum state standards; ROW unavailable

Correction:

WBS 80028, included on the November 2016 Agenda for installation of a turn lane on SR 1641 approximately 0.5 mile from the intersection of SR 1641 and US-158 and an access road, approximately 1,700 ft., from SR 1641 to Halifax Community College, was listed as Wilson County but should have been Halifax County

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

Summary:	Number of Projects	10
	Number of Divisions	7
	Small Construction Commitment	\$409,500.00
	Public Access Commitment	\$25,000.00
	Contingency Commitment	\$662,000.00
	Economic Development	\$0.00
	TOTAL	\$1,096,500.00

NCDOT December 2016 Board of Transportation Agenda

Public Transportation Program

**Town/County
Division**

Project Description

**Estimated
Cost**

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

ITEM I-1 SUMMARY – NO PROJECTS

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)
TG-6179	City of Salisbury	AVL System	FBUS	5339	224						
			Local	L	56						
TD-5279	City of Greensboro	Renovation of ticketing, call center, and waiting areas of the J. Douglas Galyon Bus Depot	FBUS	5339		960					
			Local	L		240					

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-5149	Iredell County	Operating Assistance for the Iredell County Area Transportation System (ICATS)	FUZ	5307	200	210	210	210	210		
			Local	L	200	210	210	210	210		
TO-5135	City of Salisbury	Operating	FUZ	5307	285	285	285	285	285	285	285
			State	SMAP	215	215	215	215	215	215	215
			Local	L	160	160	160	160	160	160	160
		CONTINUED			FY23 (000)						
			FUZ	5307	285						
			State	SMAP	215						
			Local	L	160						
TG-5260	City of Salisbury	Routine Capital – ADA Services	FUZ	5307	63	63	63	63	63	63	63
			Local	L	16	16	16	16	16	16	16
		CONTINUED			FY23 (000)						
			FUZ	5307	63						
			Local	L	16						
TG-5232	City of Salisbury	Preventive Maintenance – Bus Facilities	FUZ	5307	334	334	334	334	334	334	334
			Local	L	83	83	83	83	83	83	83
		CONTINUED			FY23 (000)						
			FUZ	5307	334						
			Local	L	83						

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

TG-5233	City of Salisbury	Bus Stop Shelters, Benches, Shop Equipment, Spare Parts, Engines, Farebox, Service Vehicles, etc.	FUZ	5307	224	224	224	224	224	224	224
			Local	L	56	56	56	56	56	56	56
		CONTINUED			FY23 (000)						
			FUZ	5307	224						
			Local	L	56						
TS-5133	City of Salisbury	Safety & Security Min. 1% set aside	FUZ	5307	7	7	7	7	7	7	7
		CONTINUED			FY23 (000)						
			FUZ	5307	7						
			Local	L	7						
TP-5150	City of Salisbury	Planning Assistance - 5303	FMPL	5303	30	30	30	30	30	30	30
			State	S	4	4	4	4	4	4	4
			Local	L	4	4	4	4	4	4	4
		CONTINUED			FY23 (000)						
			FUZ	5307	30						
			State	S	4						
			Local	L	4						
TA-5181	City of Salisbury	Replacement Buses	FUZ	5307	1464	1464	1464	1464			
			State	S	183	183	183	183			
			Local	L	183	183	183	183			
TO-5139	City of Salisbury	Operating – Free Fare	FUZ	CMAQ	34	34	34	34	34	34	34
			Local	L	8	8	8	8	8	8	8
		CONTINUED			FY23 (000)						
			FUZ	CMAQ	34						
			Local	L	8						
TA-5182	City of Salisbury	Expansion Vehicle	FBUS	5339	44	44					
			Local	L	11	11					

Item I-1A, 12 Projects, Total Federal/State funds \$18,468,000

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

Town/County Division	Project Description	Estimated Cost
Division 1 Camden County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) Funds from Rail Resources of North Carolina (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Chesapeake & Albemarle Railroad (CA). The crossing to be improved is 465 371V (NC 343). CA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$44,000. FRRCSI ID: F16249	\$44,000
Division 1 Perquimans County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Chesapeake & Albemarle Railroad (CA). The crossing to be improved is 465 303U (NC 37 Main Street-Winfall). CA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$36,000. FRRCSI ID: F14259	\$36,000
Division 1 Perquimans County	The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Chesapeake & Albemarle Railroad (CA). The crossing to be improved is 465 298A (SR 1101 E. Bear Swamp Drive). CA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$25,000. FRRCSI ID: F14260	\$25,000

<p>Division 1 Washington County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 466 192H (SR 1106 Morrattock Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$32,000. FRRCSI ID: F14261</p>	<p>\$32,000</p>
<p>Division 2 Greene County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Agrium (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 547D (SR 1301 Friendship Church Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000. FRRCSI ID: F14262</p>	<p>\$24,000</p>
<p>Division 2 Greene County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Blue Jay (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 548K (SR 1318 Lewis Store Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000. FRRCSI ID: F16250</p>	<p>\$24,000</p>
<p>Division 2 Greene County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 564U (NC 91 Wilson Street). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$36,000. FRRCSI ID: F14263</p>	<p>\$36,000</p>

<p>Division 2 Greene County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 540F (US 258 Main Street). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$36,000. FRRCSI ID: F14264</p>	<p>\$36,000</p>
<p>Division 2 Pitt County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Agrium and Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved 465 527S (SR 1217 Askew Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000. FRRCSI ID: F14265</p>	<p>\$24,000</p>
<p>Division 2 Pitt County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Blue Jay and Project Apex (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 495N (SR 1702 Evans Street). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$160,000. FRRCSI ID: F16251 & F17210</p>	<p>\$160,000</p>
<p>Division 2 Pitt County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne - Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 523P (SR 1208 Kinsaul Willoughby Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000. FRRCSI ID: F14266</p>	<p>\$24,000</p>

Division 2 Pitt County	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne - Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 525D (SR 1206 Bellarthur Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$30,000. FRRCSI ID: F14267</p>	\$30,000
Division 2 Pitt County	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 488D (SR 1704 14th Street). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$54,000. FRRCSI ID: F14268</p>	\$54,000
Division 2 Pitt County	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Apex (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 530A (SR 1218 Chinquapin Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide the asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000. FRRCSI ID: F16252</p>	\$24,000
Division 4 Nash County	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 626 221J (SR 1603 Old Carriage Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000. FRRCSI ID: F14269</p>	\$24,000

<p>Division 4 Wilson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne - Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railway (CLNA). The crossing to be improved is 465 578C (SR 1683 Saratoga Road). CLNA will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$42,000. FRRCSI ID: F14270</p>	<p>\$42,000</p>
<p>Division 6 Robeson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Apex (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Red Springs & Northern Railroad (RSNR). The crossing to be improved is 629 901P (SR 1712 Third Street). RSNR will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$30,000. FRRCSI ID: F16253</p>	<p>\$30,000</p>
<p>Division 8 Montgomery County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Rail Resources of North Carolina (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Aberdeen Carolina & Western Railway (ACWR). The crossing to be improved is 728 909S (SR 1129 McKinnon Road). ACWR will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$25,000. FRRCSI ID: F16254</p>	<p>\$25,000</p>
<p>Division 9 Forsyth County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Apex (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Yadkin Valley Railroad (YVRR). The crossing to be improved is 721 783N (SR 3936 Hollyberry Lane). YVRR will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$25,000. FRRCSI ID: F16255</p>	<p>\$25,000</p>

<p>Division 12 Alexander County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Rail Resources of North Carolina (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Alexander Railroad (ARC). The crossing to be improved is 864 363E (SR 1422 White Plains Road). ARC will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$32,000. FRRCSI ID: F16256</p>	<p>\$32,000</p>
<p>Division 13 Buncombe County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Rail Resources of North Carolina (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Craggy Mountain Railroad (CMR). The crossing to be improved is 720 460P (SR 1695 Woodfin Avenue). CMR will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$38,000. FRRCSI ID: F16257</p>	<p>\$38,000</p>
<p>Division 13 Buncombe County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro and Norfolk Southern Transmontaigne - Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Craggy Mountain Railroad (CMR). The crossing to be improved is 720 457G (NC 251 River Side Drive). CMR will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$48,000. FRRCSI ID: F14273</p>	<p>\$48,000</p>
<p>Division 14 Haywood County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Rail Resources of North Carolina and Project Blue Jay (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 349K (NC 215 Blackwell Drive). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$85,000. FRRCSI ID: F16258</p>	<p>\$85,000</p>

<p>Division 14 Henderson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics and Norfolk Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 925 352M (SR 1508 Berkeley Road). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$80,000. FRRCSI ID: F14274</p>	<p>\$80,000</p>
<p>Division 14 Henderson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Apex and Norfolk Southern Agrium (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 729 536Y (SR 1528 Brookside Camp Road). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$58,000. FRRCSI ID: F14275 & F16259</p>	<p>\$58,000</p>
<p>Division 14 Henderson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 646D (SR 1537 Old Brickyard Road). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$30,000. FRRCSI ID: F14276</p>	<p>\$30,000</p>
<p>Division 14 Jackson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Project Apex (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 251G (SR 1432 Skyland Drive). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$115,000. FRRCSI ID: F16260</p>	<p>\$115,000</p>

<p>Division 14 Jackson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Great Smoky Mountains Railroad (GSM). The crossing to be improved is 720 229U (SR 1392 Barkers Creek Road). GSM will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$40,000. FRRCSI ID: F14277</p>	<p>\$40,000</p>
<p>Division 14 Jackson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 273G (SR 1705 Dark Ridge Drive). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$24,000. FRRCSI ID: F14278</p>	<p>\$24,000</p>
<p>Division 14 Jackson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Great Smoky Mountains Railroad (GSM). The crossing to be improved is 720 228M (SR 1534 Wilmont Road). GSM will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$35,000. FRRCSI ID: F14279</p>	<p>\$35,000</p>
<p>Division 14 Jackson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Luckey Logistics (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a concrete tub surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 259L (SR 1527 Steeple Road). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide traffic control. The total estimated cost to the Rail Division is \$24,000. FRRCSI ID: F14280</p>	<p>\$24,000</p>

<p>Division 14 Jackson County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Rail Resources of North Carolina (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossing to be improved is 720 266W (SR 1456 Mineral Springs Road). BLU will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$48,000. FRRCSI ID: F16261</p>	<p>\$48,000</p>
<p>Division 14 Swain County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Greensboro (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Great Smoky Mountains Railroad (GSM). The crossing to be improved is 720 164D (SR 1180 NOC Way). GSM will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$50,000. FRRCSI ID: F14281</p>	<p>\$50,000</p>
<p>Division 14 Swain County</p>	<p>The Rail Division requests Board reallocation of a portion of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Norfolk Southern Transmontaigne – Selma (due to lack of industry commitment) to the improvement of an at-grade railroad crossing by installing a rail seal surface to replace the existing surface on the Great Smoky Mountains Railroad (GSM). The crossing to be improved is 720 219G (SR 1311 Buckner Branch Road). GSM will provide the necessary labor to install the materials. The NCDOT Highway Division will provide asphalt and traffic control. The total estimated cost to the Rail Division is \$23,000. FRRCSI ID: F14282</p>	<p>\$23,000</p>

ITEM I-2 SUMMARY – 34 PROJECTS – (TOTAL FEDERAL AND STATE) \$1,449,000

NCDOT December 2016 Board of Transportation Agenda
Division of Bicycle and Pedestrian Transportation Program

Town/County Division	Project Description	Estimated Cost	
Statewide	Watch For Me NC Safety Campaign Evaluation Pedestrian and Safety Program Evaluation from 2012 to 2016. NCDOT Share 20% - \$12,000	\$60,000 \$48,000 \$12,000 \$0	Total Federal State Local

ITEM I-3 SUMMARY – 1 PROJECT – (TOTAL FEDERAL, STATE AND LOCAL) \$60,000

NCDOT December 2016 Board of Transportation Agenda

Aviation Division

**Town/County
Division**

Project Description

**Estimated
Cost**

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

ITEM I-4 SUMMARY – NO PROJECTS

**NCDOT December 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
Jackson Co. Div. 14 R-5000 DIVISION	WBS 41156.3.1 New location connector from NC 116 to NC 107 in Webster. \$17,774,043.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$600,000.00
ITEM J SUMMARY	1 PROJECT	\$600,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 R-2250 REGIONAL	WBS 34411.2.9 NC 11-903 (Greenville Southwest Bypass) from NC 11 to US 264 (Greenville Bypass). Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.	\$100,000.00
New Hanover/ Pender Cos. Div. 3 R-3300 REGIONAL	WBS 40237.2.3 US 17 Hampstead Bypass from US 17 to US 17 north of Hampstead. Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.	\$500,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.2.3 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.	\$50,000.00
Statewide Div. 3 M-0488H STATEWIDE	WBS 46404.1.8 Military Cutoff - Map Act Lawsuit. \$50,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00
Wake Co. Div. 5 R-2721 STATEWIDE	WBS 37673.2.3 Southern Wake Freeway from NC 55 South to US 401 South. Initial funds are requested for Map Act Appraisal and to allow for future acquisition of specific parcels.	\$300,000.00

**NCDOT December 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 R-2828 STATEWIDE	WBS 35516.2.3 Southern Wake Freeway from US 401 to I-40. Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.	\$150,000.00
Cumberland/ Robeson Cos. Div. 6 U-2519 REGIONAL	WBS 34817.2.26 The Fayetteville Outer Loop from I-95 in Robeson County to east of NC 24 (Bragg Boulevard) in Cumberland County. Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.	\$750,000.00
Fayetteville/ Cumberland Co. Div. 6 U-2519CA STATEWIDE	WBS 34817.2.25 Fayetteville Outer Loop from south of US 401 to south of SR 1400 (Cliffdale Road). Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.	\$100,000.00
Pembroke/ Robeson Co. Div. 6 P-4900 STATEWIDE	WBS 41099.2.S1 Railroad Bypass of Pembroke to allow North to South shipments to turn East. \$1,800,000.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$600,000.00
Guilford/ Rockingham Cos. Div. 7 R-2413 REGIONAL	WBS 34429.2.6 Future I-73 from NC 68 at SR 2011 (Edgefield Road) in Guilford County to US 220-NC 68 intersection in Rockingham County. Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.	\$50,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Guilford Co. Div. 7 U-2524D STATEWIDE	WBS 34820.2.20 Greensboro Western Loop from US 220 (Battleground Avenue) to SR 2303 (Lawndale Drive). Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.	\$50,000.00
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.2.5 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). Initial funds are requested for Map Act Appraisals and to allow for future acquisition of specific parcels.	\$150,000.00
Lee Co. Div. 8 AV-5762 DIVISION	WBS 46356.3.1 Raleigh Executive Sanford - Lee County Airport (TTA). Construct apron expansion and widen taxiway from 35 to 60 feet. Initial funds are requested for construction. (\$1,500,000.00 of this funding is Economic Development Funding).	\$3,466,000.00
Cabarrus Co. Div. 10 U-5806 DIVISION	WBS 44378.2.1 Intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 - Kings Grant Pavilion. Initial funds are requested for full right of way.	\$100,000.00
Mecklenburg Co. Div. 10 R-2248G STATEWIDE	WBS 34410.3.32 I-485 Charlotte Outer Loop Interchange with SR 2042 (Oakdale Road). \$2,709,604.00 has previously been approved for construction. Additional funds are needed to reflect the low bid received on the project. This is a Strategic Transportation Investments Transition project.	\$2,800,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-2509A STATEWIDE	WBS 38965.2.2 US 74 (Independence Boulevard) from Conference Drive to Sardis Road North. Initial funds are requested for appraisal of Specific Parcel 900.	\$25,000.00
Mecklenburg Co. Div. 10 U-5762 REGIONAL	WBS 50175.2.1 NC 160 (Steele Creek Road) at intersection of NC 160 (Steele Creek Road) and SR 1106 (Hamilton Road). Initial funds are requested for full right of way.	\$100,000.00
Wilkes Co. Div. 11 R-5759 DIVISION	WBS 44691.1.1 NC 115 from US 421 to 2nd Street. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Macon Co. Div. 14 R-5734 DIVISION	WBS 50192.1.1 US 23 / US 441 from US 64 to SR 1652 (Wide Horizon Drive/ SR 1152 (Belden Circle). \$360,811.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$250,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	10 PROJECTS	\$4,425,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	5 PROJECTS	\$1,500,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	4 PROJECTS	\$4,816,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	19 PROJECTS	\$10,741,000.00

December 1, 2016

**NCDOT December 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
Wayne Co. Div. 4 R-2554A STATEWIDE	WBS 34461.3.4 US 70 (Goldsboro Bypass) from west of NC 581 to SR 1300 (Salem Church Rd.), 5.894 miles. \$68,959,161.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$300,000.00
Rutherfordton/ Rutherford Co. Div. 13 R-2233BB SW/DIV	WBS 34400.2.5 US 221 south of US 74 Business to north of SR 1366 (Roper Loop Road). \$175,168.00 has previously been approved for appraisal of specific parcels. Funds are requested for appraisal of Specific Parcel 900 using Division Tier funding.	\$25,000.00
TRUST FUND INTRASTATE SUMMARY	2 PROJECTS	\$325,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston- Salem/ Forsyth Co. Div. 9 U-2579AB REGIONAL	WBS 34839.2.4 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$29,105,306.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Funds are requested for appraisal of Specific Parcel 904 and Specific Parcel 905.	\$50,000.00
TRUST FUND URBAN LOOP	1 PROJECT	\$50,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	19 PROJECTS	\$10,741,000.00
TRUST FUND INTRASTATE SUMMARY	2 PROJECTS	\$325,000.00
TRUST FUND URBAN LOOP	1 PROJECT	\$50,000.00
SUMMARY OF FUNDS	22 PROJECTS	\$11,116,000.00

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

December 1, 2016

**NCDOT December 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
Wilmington/ New Hanover Co. Div. 3 SS-4903CO	WBS 44933.3.1 SR 1272 (New Centre Drive) and Dapple Court. Initial construction funds are needed for installation of pedestrian signal and crosswalk. File 03-16-42119C	\$54,135.00
Onslow Co. Div. 3 SS-4903CP	WBS 44934.3.1 SR 1119 (High Hill Road). Initial construction funds are needed for pavement marking improvements. File 03-16-41398C	\$31,500.00
Swansboro/ Onslow Co. Div. 3 SS-4903CR	WBS 44970.3.1 NC 24 and SR 1509 (Queens Creek Road). Initial construction funds are needed for traffic signal revisions. File 03-16-42054C	\$13,050.00
Sampson Co. Div. 3 SS-4903CQ	WBS 44969.3.1 US 13 and US 421/NC 242. Initial construction funds are needed for traffic signal revisions. File 03-16-40410C	\$19,170.00
Halifax/ Nash Cos. Div. 4 SS-4904DZ	WBS 44956.3.1 NC 97 at SR 1001 (Old Bailey Highway) in Nash County. NC 4/48 at NC 4/561 in Halifax County. Initial construction funds are needed for flasher, pavement marking, and signing improvements. File 04-16-41820C	\$26,100.00

**NCDOT December 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
Johnston/ Nash Cos. Div. 4 SS-4904DU	WBS 44957.3.1 NC 48 near SR 1536 (Boseman Road). SR 1173 (Honeycutt Street) near US 301. Initial construction funds are needed for curve safety improvements. File 04-15-38197C	\$84,600.00
Johnston Co. Div. 4 SS-4904DV	WBS 44935.2.1 NC 96 at SR 1178 (Keen Road). Initial right of way and utilities funds are needed for an all-way stop installation. File 04-16-40924R	\$4,500.00
Johnston Co. Div. 4 SS-4904DV	WBS 44935.3.1 NC 96 at SR 1178 (Keen Road). Initial construction funds are needed for an all-way stop installation. File 04-16-40924C	\$18,000.00
Johnston Co. Div. 4 SS-4904DY	WBS 44938.3.1 NC 42 at NC 50; NC 50 at SR 1524 (Old Drug Store Road); NC 42 at the US 70 Bypass Westbound ramps; NC 42 at the US 70 Bypass Eastbound ramps; and NC 42 at SR 1556 (Government Road). Initial construction funds are needed for traffic signal revisions. File 04-16-40326C	\$36,000.00
Wayne Co. Div. 4 SS-4904DW	WBS 44936.2.1 SR 1958 (Bennetts Bridge Road) near the Duplin County Line. Initial right of way and utilities funds are needed for superelevation improvements and guardrail installation. File 04-15-36806R	\$9,000.00

December 1, 2016

**NCDOT December 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-4904DW	WBS 44936.3.1 SR 1958 (Bennetts Bridge Road) near the Duplin County Line. Initial construction funds are needed for superelevation improvements and guardrail installation. File 04-15-36806C	\$180,000.00
Goldsboro/ Wayne Co. Div. 4 SS-4904DX	WBS 44937.3.1 NC 111 at NC 581; NC 111 at SR 1961 (Sheridan Forest Road); NC 111 at Southeast Drive; and NC 111 at SR 1727 (Dollard Town Road). Initial construction funds are needed for traffic signal revisions. File 04-15-38551C	\$69,300.00
Goldsboro/ Wayne Co. Div. 4 SS-4904DX	WBS 44937.2.1 NC 111 at NC 581; NC 111 at SR 1961 (Sheridan Forest Road); NC 111 at Southeast Drive; and NC 111 at SR 1727 (Dollard Town Road). Initial right of way and utilities funds are needed for traffic signal revisions. File 04-15-38551R	\$4,500.00
Durham/ Durham Co. Div. 5 SS-4905DW	WBS 44941.3.1 SR 1959 (Miami Boulevard) at SR 1954 (Ellis Road). Initial construction funds are needed for traffic signal revisions. File 05-16-2007C	\$13,500.00
Durham/ Durham Co. Div. 5 SS-4905DY	WBS 44943.3.1 SR 1118 (Fayetteville Road) at Cook Road/Hillside High School. Initial construction funds are needed for traffic signal revisions and pedestrian safety improvements. File 05-16-2102C	\$22,500.00

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

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Raleigh/ Wake Co. Div. 5 SS-4905DS	WBS 44939.3.1 US 401 at SR 2108/SR 2036 (New Hope Road) and US 401 at Calvary Drive. Initial construction funds are needed for pedestrian safety improvements. File 05-16-2076C	\$54,000.00
Apex/ Wake Co. Div. 5 SS-4905DT	WBS 44931.3.1 SR 1163 (Kelly Road) at US 64 Eastbound. \$10,000.00 in construction funds have previously been approved for traffic signal and pavement marking revisions. Funds need to be decreased due to additional development in the area with likely changes to the intersection. The project will be deleted. File 05-15-8126-3	-\$10,000.00
Wake Co. Div. 5 SS-4905DV	WBS 44940.3.1 SR 1001 (Pearces Road) at SR 2309 (Dukes Lake Road). Initial construction funds are needed for an all-way stop installation. File 05-16-2005C	\$22,500.00
Garner/ Wake Co. Div. 5 SS-4905DX	WBS 44942.3.1 SR 2713 (Vandora Springs Road) at SR 2812 (Timber Drive). Initial construction funds are needed for traffic signal revisions. File 05-16-2074C	\$31,500.00
Cary/ Wake Co. Div. 5 SS-4905DZ	WBS 44944.2.1 SR 1625 (Green Level Church Road) at Dennison Lane/Jewel Creek Drive. Initial right of way and utilities funds are needed for pedestrian hybrid beacon installation. File 05-16-9410R	\$900.00

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Approval of Funds for Specific Spot Safety Improvement Projects**

L-5

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Funds for Specific Spot Safety Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cary/ Wake Co. Div. 5 SS-4905DZ	WBS 44944.3.1 SR 1625 (Green Level Church Road) at Dennison Lane/Jewel Creek Drive. Initial construction funds are needed for pedestrian hybrid beacon installation. File 05-16-9410C	\$80,100.00
Cary/ Wake Co. Div. 5 SS-4905EA	WBS 44945.3.1 NC 54 (NW Maynard Road) at SR 1653 (Evans Road). Initial construction funds are needed for traffic signal revisions. File 05-16-2091C	\$22,500.00
Wake Co. Div. 5 SS-4905EB	WBS 44946.3.1 I-495 Northbound at SR 2036/SR 2697 (New Hope Road) and I-495 Southbound at SR 2516 (Hodge Road). Initial construction funds are needed for warning sign improvements. File 05-16-2210C	\$13,500.00
Raleigh/ Wake Co. Div. 5 SS-4905EC	WBS 44947.3.1 SR 2298 (Edenton Street), SR 5809 (Morgan Street), US 70 (McDowell Street) and US 70/US 401 (Dawson Street). Initial construction funds are needed for installation of high visibility crosswalks at the signalized intersections along each corridor. File 05-16-2071C	\$68,400.00
Wake Co. Div. 5 SS-4905ED	WBS 44958.3.1 SR 1006 (Old Stage Road) at SR 1010 (Ten Ten Road). Initial construction funds are needed for turn lane construction. File 05-16-2004C	\$243,000.00

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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-4905ED	WBS 44958.2.1 SR 1006 (Old Stage Road) at SR 1010 (Ten Ten Road). Initial right of way and utilities funds are needed for turn lane construction. File 05-16-2004R	\$63,000.00
Spring Lake/ Cumberland Co. Div. 6 SS-4906CT	WBS 44948.3.1 NC 210 at Spring Lake Town Center. Initial construction funds are needed for installation of marked and signalized crosswalks. File 06-16-41606C	\$43,200.00
Spring Lake/ Cumberland Co. Div. 6 SS-4906CT	WBS 44948.2.1 NC 210 at Spring Lake Town Center. Initial right of way and utilities funds are needed for installation of marked and signalized crosswalks. File 06-16-41606R	\$4,500.00
Robeson Co. Div. 6 SS-4906CU	WBS 44949.2.1 SR 2207 (Popes Crossing Road) at SR 2215/SR 2289 (Alamac Road). Initial right of way and utilities funds are needed for intersection improvements. File 06-16-41742R	\$9,000.00
Robeson Co. Div. 6 SS-4906CU	WBS 44949.3.1 SR 2207 (Popes Crossing Road) at SR 2215/SR 2289 (Alamac Road). Initial construction funds are needed for intersection improvements. File 06-16-41742C	\$306,000.00

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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
High Point/ Guilford Co. Div. 7 SS-4907BU	WBS 44950.2.1 SR 1552 (Tarrant Road) at SR 1541 (Wendover Ave). Initial right of way and utilities funds are needed for curve safety improvements. File 07-16-128R	\$900.00
High Point/ Guilford Co. Div. 7 SS-4907BU	WBS 44950.3.1 SR 1552 (Tarrant Road) at SR 1541 (Wendover Ave). Initial construction funds are needed for curve safety improvements. File 07-16-128C	\$242,100.00
Chatham Co. Div. 8 SS-4908AM	WBS 44195.3.1 NC 751 at SR 1733 (New Hope Church Road). \$270,000.00 in construction funds have previously been approved for turn lane construction. Additional funds are needed due to an increase in construction costs. File 08-14-8130-3	\$279,000.00
Chatham Co. Div. 8 SS-4908BE	WBS 44951.3.1 NC 902 at SR 1176 (Old US 421). Initial construction funds are needed for an all-way stop installation. File 08-16-2008C	\$13,500.00
Pittsboro/ Chatham Co. Div. 8 SS-4908BH	WBS 44954.3.1 US 15-501 at Lowes Drive/Powell Place Lane. Initial construction funds are needed for traffic signal revisions. File 08-16-2101C	\$9,000.00

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

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Funds for Specific Spot Safety Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Lee Co. Div. 8 SS-4908BF	WBS 44952.3.1 NC 42 at SR 1009 (Carbonton Road)/SR 1318 (Steel Bridge Road). Initial construction funds are needed for an all-way stop installation. File 08-16-2073C	\$22,500.00
Hoffman/ Richmond Co. Div. 8 SS-4908BG	WBS 44953.3.1 US 1 south of SR 1475 in Hoffman. Initial construction funds are needed for superelevation improvements. File 08-16-2100C	\$67,500.00
Winston- Salem/ Forsyth Co. Div. 9 SS-4909BT	WBS 44955.3.1 SR 4394 (Martin Luther King Jr. Drive) at I-40 Bus. Westbound ramps/First Street. SR 4394 (Martin Luther King Jr. Drive) at I-40 Bus. Eastbound ramps/Lowery Street. Initial construction funds are needed for traffic signal revisions. File 09-16-036C	\$18,000.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910CM	WBS 44959.3.1 SR 1009 (Monroe Road) and Covedale Road. Initial construction funds are needed for traffic signal installation. File 10-16-230C	\$56,700.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910CO	WBS 44961.3.1 US 21 (Statesville Road) and NC 24 (WT Harris Boulevard). Initial construction funds are needed for widening and turn lane construction. File 10-16-240C	\$112,500.00

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

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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
Mecklenburg Co. Div. 10 SS-4910CP	WBS 44962.2.1 SR 2805 (Harrisburg Road) and SR 2808 (Camp Stewart Road) near Charlotte. Initial right of way and utilities funds are needed for traffic signal installation. File 10-16-218R	\$40,500.00
Mecklenburg Co. Div. 10 SS-4910CP	WBS 44962.3.1 SR 2805 (Harrisburg Road) and SR 2808 (Camp Stewart Road) near Charlotte. Initial construction funds are needed for traffic signal installation. File 10-16-218C	\$7,200.00
Union Co. Div. 10 SS-4910CN	WBS 44960.3.1 SR 1001 (Love Mill Road) south of the Stanly County line. Initial construction funds are needed for guardrail installation. File 10-16-239C	\$22,500.00
Granite Falls/ Caldwell Co. Div. 11 SS-4911AL	WBS 44764.3.1 US 321 and SR 1109 (Pinewood Road). \$135,000.00 in construction funds have previously been approved for turn lanes and pedestrian crosswalk installation. Additional funds are needed due to an increase in construction costs. File 11-16-200-1	\$165,000.00
Asheville/ Buncombe Co. Div. 13 SS-4913CK	WBS 44963.2.1 US 19-23 (Patton Avenue) at Florida Avenue. Initial right of way and utilities funds are needed for traffic signal revisions and pedestrian safety improvements. File 13-16-222R	\$5,400.00

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Approval of Funds for Specific Spot Safety Improvement Projects**

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Asheville/ Buncombe Co. Div. 13 SS-4913CK	WBS 44963.3.1 US 19-23 (Patton Avenue) at Florida Avenue. Initial construction funds are needed for traffic signal revisions and pedestrian safety improvements. File 13-16-222C	\$67,500.00
Buncombe Co. Div. 13 SS-4913CL	WBS 44964.3.1 SR 1004 (Newfound Road) from NC 63 to SR 1297 near Leicester. Initial construction funds are needed for shoulder improvements and installation of rumblestrips with long-life pavement markings. File 13-16-223C	\$337,500.00
Buncombe Co. Div. 13 SS-4913CL	WBS 44964.2.1 SR 1004 (Newfound Road) from NC 63 to SR 1297 near Leicester. Initial right of way and utilities funds are needed for shoulder improvements and installation of rumblestrips with long-life pavement markings. File 13-16-223R	\$900.00
Henderson Co. Div. 14 SS-4914CT	WBS 44965.2.1 SR 1006 (Howard Gap Road) at SR 1625 (Whispering Hills Drive) near Hendersonville. Initial right of way and utilities funds are needed for actuated flasher installation. File 14-16-211R	\$4,500.00
Henderson Co. Div. 14 SS-4914CT	WBS 44965.3.1 SR 1006 (Howard Gap Road) at SR 1625 (Whispering Hills Drive) near Hendersonville. Initial construction funds are needed for actuated flasher installation. File 14-16-211C	\$36,000.00

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Approval of Funds for Specific Spot Safety Improvement Projects**

L-11

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concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Henderson Co. Div. 14 SS-4914CU	WBS 44966.2.1 SR 1127 (Kanuga Road) at SR 1228 (Jearl Lane) near Hendersonville. Initial right of way and utilities funds are needed for actuated flasher installation. File 14-16-210R	\$4,500.00
Henderson Co. Div. 14 SS-4914CU	WBS 44966.3.1 SR 1127 (Kanuga Road) at SR 1228 (Jearl Lane) near Hendersonville. Initial construction funds are needed for actuated flasher installation. File 14-16-210C	\$36,000.00
Jackson/ Macon Cos. Div. 14 SS-4914CW	WBS 44968.2.1 US 23-441 from SR 1331 (southwest intersection) in Macon County northeast to a point 0.4 mile northeast of SR 1300 in Jackson County, near Franklin. Initial right of way and utilities funds are needed for installation of rumblestrips with long-life pavement markings. File 14-16-214R	\$1,800.00
Jackson/ Macon Cos. Div. 14 SS-4914CW	WBS 44968.3.1 US 23-441 from SR 1331 (southwest intersection) in Macon County northeast to a point 0.4 mile northeast of SR 1300 in Jackson County, near Franklin. Initial construction funds are needed for installation of rumblestrips with long-life pavement markings. File 14-16-214C	\$270,000.00
Transylvania Co. Div. 14 SS-4914CV	WBS 44967.3.1 US 276 approximately 1.0 mile south of the Haywood County line near Brevard. Initial construction funds are needed for sight distance improvements. File 14-16-212C	\$337,500.00
ITEM L SUMMARY	55 PROJECTS	\$3,696,455.00

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

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Division 1

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide W-5700A DIVISION	46878.1.1, HSIP-000S(871) Division 1 - Signal Timing. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

Rail Program

Northampton Co. Z-5400AG DIVISION	43600.3.71, RR-1301(011) Railway-Highway Grade Crossing Safety Project. SR 1301 (Cornwallis Road) at CSX Transportation Tracks; Crossing #630 115H near Garysburg. Funds are needed for construction of crossing flashers and gates.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Washington Co. Z-5400AL DIVISION	43600.1.96, RR-1101(015) Railway-Highway Grade Crossing Safety Project at SR 1101 (Hollis Road) at Carolina Coastal Railway Tracks; Crossing #466 188T. Funds are needed for preliminary engineering.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State

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

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Division 1 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5781A DIVISION	44911.3.2, TAP-0110(006) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$145,000.00 Cost \$116,000.00 Fed. \$29,000.00 State
Statewide R-5781B DIVISION	44911.3.3, TAP-0110(007) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$40,000.00 Cost \$32,000.00 Fed. \$8,000.00 State
Statewide R-5781B DIVISION	44911.3.7, TAP-0110(011) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$159,000.00 Cost \$127,200.00 Fed. \$31,800.00 State
Statewide R-5781C DIVISION	44911.3.4, TAP-0110(008) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$108,000.00 Cost \$86,400.00 Fed. \$21,600.00 State
Statewide R-5781C DIVISION	44911.3.5, TAP-0110(009) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$42,000.00 Cost \$33,600.00 Fed. \$8,400.00 State
Statewide R-5781D DIVISION	44911.3.6, TAP-0110(010) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$111,000.00 Cost \$88,800.00 Fed. \$22,200.00 State

**NCDOT December 2016 Board of Transportation Agenda
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Division 2

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. W-5601CY REGIONAL	50138.2.104, HSIP-0264(060) US 264 Alternate (Greenville Boulevard) at SR 1135 (Williams Road) / Koinonia Church Western Driveway in Greenville. Funds are needed for full right of way.	\$38,000.00 Cost \$34,200.00 Fed. \$3,800.00 State
Pitt Co. W-5601HU REGIONAL	50138.3.230, HSIP-0013(051) US 13 (Memorial Drive) at Moye Boulevard. Funds are needed for construction of safety improvements.	\$52,300.00 Cost \$47,070.00 Fed. \$5,230.00 State
Statewide W-5700B DIVISION	46878.1.2, HSIP-000S(872) Division 2 - Signal Timing. Funds are needed for preliminary engineering.	\$135,000.00 Cost \$121,500.00 Fed. \$13,500.00 State

Rail Program

Craven Co. Z-5400BK DIVISION	43600.3.92, STPRR-0229(018) Rail-Highway Grade Crossing Safety Project. Guion Street at the Norfolk Southern Railway Crossing #722 705K in New Bern. Funds are needed for construction of flashers and gates.	\$410,000.00 Cost \$369,000.00 Fed. \$41,000.00 Local
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Division 2 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5782A DIVISION	44912.3.2, TAP-0220(080) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$116,150.00 Cost \$92,920.00 Fed. \$23,230.00 State
Statewide R-5782B DIVISION	44912.3.3, TAP-0220(081) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population <5000. Funds are needed for construction to upgrade or install ADA Ramps.	\$126,887.00 Cost \$101,510.00 Fed. \$25,377.00 State
Statewide R-5782C DIVISION	44912.3.4, TAP-0220(082) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$172,525.00 Cost \$138,020.00 Fed. \$34,505.00 State

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Division 3

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Brunswick Co. ER-5600JB DIVISION	46305.3.28, STP-0087(037) Town of Boiling Springs on NC 87 - Annual Plantings. Funds are needed for construction of plant beds.	\$65,000.00 Cost \$52,000.00 Fed. \$13,000.00 State

Urban

New Hanover Co. U-5534P DIVISION	44096.1.17, STPDA-0332(060) Multi-use path at Westgate Drive South, over Jacky's Creek into Ricegate Drive in Brunswick County. Funds are needed for preliminary engineering.	\$120,214.00 Cost \$96,172.00 Fed. \$24,042.00 Local
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Bridge

Sampson Co. B-4637 DIVISION	33808.2.1, BRZ-1409(012) Replace Bridges #325 and #326 over Little Coharie Creek Overflow and Bridge #327 over Little Coharie Creek on SR 1409. Funds are needed for full right of way and utilities.	\$220,000.00 Cost \$176,000.00 Fed. \$44,000.00 State
Sampson Co. B-4814 DIVISION	38584.3.1, BRZ-1233(006) Replace Bridges #102, #103 and #104 over Little Coharie Creek on SR 1233. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on October 12, 2016.	\$1,500,000.00 Cost \$1,200,000.00 Fed. \$300,000.00 State

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Division 3 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide W-5700C DIVISION	46878.1.3, HSIP-000S(873) Division 3 - Signal Timing. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State

Rural

Statewide R-5783A DIVISION	44913.3.2, TAP-0332(131) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$248,159.00 Cost \$198,527.00 Fed. \$48,586.00 State \$1,046.00 Local
Statewide R-5783B DIVISION	44913.3.3, TAP-0332(132) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$353,852.00 Cost \$283,081.00 Fed. \$66,585.00 State \$4,186.00 Local

**NCDOT December 2016 Board of Transportation Agenda
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Division 4

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Halifax Co. W-5601HL REGIONAL	50138.3.221, HSIP-0043(026) NC 43 at NC 561, SR 1329 (Evans Road) and SR 1333 (Lynch Road). Construction funds are needed for safety improvements.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Johnston Co. W-5601DP DIVISION	50138.2.121, HSIP-1003(148) SR 1003 (Buffalo Road) between SR 1702 (Archer Lodge Road) and the Wake County Line. Funds are needed for full right of way.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
Statewide W-5700D DIVISION	46878.1.4, HSIP-000S(874) Division 4 - Signal Timing. Funds are needed for preliminary engineering.	\$95,000.00 Cost \$85,500.00 Fed. \$9,500.00 State
Wayne Co. W-5601HM REGIONAL	50138.3.222, HSIP-0055(060) NC 55 at SR 1948 (Camp Jubilee Road). Construction funds are needed for safety improvements.	\$55,000.00 Cost \$49,500.00 Fed. \$5,500.00 State

Division 4 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5784A DIVISION	44914.3.2, TAP-0411(016) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$29,700.00 Cost \$23,760.00 Fed. \$5,940.00 State
Statewide R-5784B DIVISION	44914.3.3, TAP-0430(008) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$394,200.00 Cost \$315,360.00 Fed. \$78,840.00 State

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

M-9

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Granville Co. C-5166A EXEMPT	46232.2.F1, CMS-0504(003) NC 56 Greenway in Creedmoor- (Combined with EB-5513 and C-5166B) Bike-Pedestrian Trail System. Funds are needed for full right of way.	\$20,000.00 Cost \$16,000.00 Fed. \$4,000.00 Local
Granville Co. C-5569 EXEMPT	50106.3.1, CMS-0519(002) Construct sidewalk and crosswalk enhancements at various locations. Funds are needed for construction of sidewalks.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 Local

Urban

Wake Co. U-5118AE REGIONAL	42379.3.30, STPDA-0501(035) NC 55 and Olive Chapel Road at Apex Parkway Intersections. Funds are needed for construction of additional turn lanes.	\$516,000.00 Cost \$412,800.00 Fed. \$103,200.00 Local
Fuquay Varina/ Wake Co. U-5317 DIVISION	45430.2.1, STPDA-0507(003) North Judd Parkway Northwest from NC 55 (North Broad Street) to NC 42 (West Academy Street) in Fuquay-Varina. Funds are needed for full right of way.	\$5,900,000.00 Cost \$2,950,000.00 Fed. \$2,950,000.00 Local

**NCDOT December 2016 Board of Transportation Agenda
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Division 5 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Holly Springs/ Wake Co. U-5529 DIVISION	44107.2.1, STPDA-0510(008) SR 1115 (Avent Ferry Road) west of SR 1101 (Piney Grove- Wilbon Road) to Village Walk Drive in Holly Springs. Funds are needed for full right of way and utilities.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 Local
Wake Co. U-5537 DIVISION	44112.2.1, STPDA-0501(034) SR 1521 (Lake Pine Drive), widen to 3 lanes north of MacGregor Pines Road to north of Versailles Drive, including 10 foot multi-use path east side and 5 foot sidewalk west side. Funds are needed for full right of way.	\$130,638.00 Cost \$91,447.00 Fed. \$39,191.00 Local

Safety

Divisionwide W-5700E DIVISION	46878.1.5, HSIP-000S(875) Division 5 - Signal Timing. Funds are needed for preliminary engineering.	\$160,000.00 Cost \$144,000.00 Fed. \$16,000.00 State
Wake Co. SS-4905DT STATEWIDE	44931.1.1, HSIP-1163(012) SR 1163 (Kelly Road) at US 64 Eastbound. \$2,500.00 has previously been approved for preliminary engineering. Federal Funds will be removed from WBS 44931.1.1 and closed. This project is being deleted.	-\$2,500.00 Cost -\$2,250.00 Fed. -\$250.00 State
Wake Co. W-5601BC REGIONAL	50138.3.56, HSIP-0042(062) NC 42 at SR 2736 (Rock Service Station Road). \$375,000.00 has previously been approved for construction. Additional funds are requested to match the agreement.	\$250,000.00 Cost \$125,000.00 Fed. \$125,000.00 State
Wake Co. W-5601EJ REGIONAL	50138.2.140, HSIP-001A(003) US 1A (South Main Street) between Star Road and Wake Pointe Shopping Center. Funds are needed for full right of way.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State

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Division 5 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5785A DIVISION	44915.3.2, TAP-0505(078) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$135,000.00 Cost \$108,000.00 Fed. \$27,000.00 State
Statewide R-5785B DIVISION	44915.3.3, TAP-0505(079) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State

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Division 6

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. W-5601EP STATEWIDE	50138.3.147, HSIP-0024(076) NC 24 from SR 2022 (Carol Street) to the west intersection with Circle Street. Construction funds are needed for safety improvements.	\$320,000.00 Cost \$288,000.00 Fed. \$32,000.00 State
Statewide W-5700F DIVISION	46878.1.6, HSIP-000S(876) Division 6 - Signal Timing. Funds are needed for preliminary engineering.	\$210,000.00 Cost \$189,000.00 Fed. \$21,000.00 State

Rail Program

Robeson Co. Z-5400FP DIVISION	43600.1.95, RR-000S(870) Railway-Highway Grade Crossing Safety Project at multiple crossings along CSX Corridor at Malloy Street at Crossing #630 952W, First Street at Crossing # 630 976K in Maxton and NC 72 (Roberts Avenue) at Crossing #623 950R in Lumberton. Funds are needed for preliminary engineering.	\$180,000.00 Cost \$162,000.00 Fed. \$18,000.00 State
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Division 6 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5786A DIVISION	44916.3.2, TAP-0620(035) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$298,750.00 Cost \$239,000.00 Fed. \$59,750.00 State
Statewide R-5786A DIVISION	44916.3.3, TAP-0620(036) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$301,850.00 Cost \$241,480.00 Fed. \$60,370.00 State
Statewide R-5786B DIVISION	44916.3.4, TAP-0620(037) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$130,650.00 Cost \$104,520.00 Fed. \$26,130.00 State
Statewide R-5786B DIVISION	44916.3.5, TAP-0620(038) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$56,850.00 Cost \$45,480.00 Fed. \$11,370.00 State

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Division 7

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rockingham Co. B-5352 STATEWIDE	46066.2.1, BRNHS-0220(067) Replace Bridge #131 over the Norfolk Southern Railroad Tracks on US 220 Northbound Lane. Funds are needed for full right of way and utilities.	\$240,000.00 Cost \$192,000.00 Fed. \$48,000.00 State

Safety

Divisionwide W-5601F STATEWIDE	50138.3.241, HSIP-000S(860) Multiple routes in Division 7. Funds are needed for construction of guardrail end unit upgrades.	\$495,000.00 Cost \$445,500.00 Fed. \$49,500.00 State
Statewide W-5700G DIVISION	46878.1.7, HSIP-000S(877) Division 7 - Signal Timing. Funds are needed for preliminary engineering.	\$125,000.00 Cost \$112,500.00 Fed. \$12,500.00 State

Division 7 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5787 DIVISION	44917.1.2, TAP-0708(087) ADA (Americans with Disabilities Act) Curb Ramps at various locations. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$16,000.00 Fed. \$4,000.00 State
Statewide R-5787A DIVISION	44917.3.2, TAP-0708(083) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$317,000.00 Cost \$253,600.00 Fed. \$63,400.00 State
Statewide R-5787B DIVISION	44917.3.3, TAP-0708(084) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$314,000.00 Cost \$251,200.00 Fed. \$62,800.00 State
Statewide R-5787C DIVISION	44917.3.4, TAP-0708(085) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$261,000.00 Cost \$208,800.00 Fed. \$52,200.00 State
Statewide R-5787D DIVISION	44917.3.5, TAP-0708(086) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$259,000.00 Cost \$207,200.00 Fed. \$51,800.00 State

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Division 8

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Chatham Co. W-5601CL STATEWIDE	50138.3.91, HSIP-0064(184) US 64 at SR 1716 (Big Woods Road) / SR 1941 (Seaforth Road). \$950,000.00 has previously been approved for construction. Additional funds are requested.	\$250,000.00 Cost \$225,000.00 Fed. \$25,000.00 State
Statewide W-5700H DIVISION	46878.1.8, HSIP-000S(878) Division 8 - Signal Timing. Funds are needed for preliminary engineering.	\$90,000.00 Cost \$81,000.00 Fed. \$9,000.00 State

Rail Program

Moore Co. Z-5400HE DIVISION	43600.1.97, RR-1105(026) Railway-Highway Grade Crossing Safety Project at SR 1105 (Pinebluff Lake Road) at CSX Tracks; Crossing #630 807X. Funds are needed for preliminary engineering.	\$59,000.00 Cost \$53,100.00 Fed. \$5,900.00 State
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Enhancement

Scotland Co. ER-5600HE DIVISION	46305.3.27, STP-0074(193) Interchange of US 74 and US 501 (South Caledonia Road). Funds are needed for construction of landscape improvements.	\$184,000.00 Cost \$147,200.00 Fed. \$36,800.00 State
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Division 8 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5788A DIVISION	44918.3.2, TAP-0801(013) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$243,000.00 Cost \$194,400.00 Fed. \$48,600.00 State
Statewide R-5788B DIVISION	44918.3.3, TAP-0801(014) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$322,000.00 Cost \$257,600.00 Fed. \$64,400.00 State

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Division 9

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rowan Co. I-3802 STATEWIDE	36780.1.2, NHIMF-85-2(61)55 I-85 from NC 73 in Cabarrus County to US 29-601 Connector in Rowan County. \$2,672,965.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$4,300,000.00 Cost \$3,440,000.00 Fed. \$860,000.00 State

Bridge

Rowan Co. B-5160 DIVISION	42335.3.1, BRZ-1986(001) Replace Bridge #50 over Nails Branch on SR 1986. Funds are needed for construction of bridge replacement.	\$575,000.00 Cost \$460,000.00 Fed. \$115,000.00 State
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Safety

Statewide W-5700I DIVISION	46878.1.9, HSIP-000S(879) Division 9 - Signal Timing. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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Rail Program

Davidson Co. Z-5400IF DIVISION	43600.3.65, RR-2287(001) Railway-Highway Grade Crossing Safety Project at SR 2287 (Wafford Road) at Winston-Salem Southbound Railway; Crossing #849 843D near Southmont. Funds are needed for construction to install gates and flashers.	\$270,000.00 Cost \$243,000.00 Fed. \$27,000.00 State
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Division 9 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Stokes Co. Z-5700IA DIVISION	44803.1.5, RR-1148(007) Railway-Highway Grade Crossing Safety Project. Multiple crossings along Yadkin Valley Railroad Tracks; SR 1148 (Surry Line Road) at Crossing # 721 961X in Pinnacle, Stokes County; and SR 2050 (Academy Street) at Crossing # 721 972K in Pilot Mountain in Surry County. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
Stokes Co. Z-5700IA DIVISION	44803.3.5, RR-1148(007) Railway-Highway Grade Crossing Safety Project. Multiple crossings along Yadkin Valley Railroad Tracks; SR 1148 (Surry Line Road) at Crossing #721 961X in Pinnacle, Stokes County; and SR 2050 (Academy Street) at Crossing #721 972K in Pilot Mountain in Surry County. Funds are needed for construction to replace solar panel power with AC power.	\$38,000.00 Cost \$34,200.00 Fed. \$3,800.00 State
Rural		
Statewide R-5789A DIVISION	44919.3.2, TAP-0918(108) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State

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Division 10

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. I-3311C STATEWIDE	34181.1.7, NHS-077-1(210) I-77 from I-277 to north of I-85, High Occupancy Toll (HOT) lanes and convert existing High Occupancy Vehicle (HOV) lanes to Hot lanes. \$4,662,330.00 has previously been approved for preliminary engineering. Additional funds are needed for preliminary engineering based on the latest estimate. This is a Strategic Transportation Investments Transition project.	\$900,000.00 Cost \$720,000.00 Fed. \$180,000.00 State

Congestion Mitigation

Mecklenburg Co. C-5540 EXEMPT	51010.3.3, CMS-1003(125) South Tryon Street, Nevin Road from Alpine Drive to Gibbon Road, Gibbon Road from Nevin Road to Sugar Creek Road, West Sugar Road from Bisaner Street and Mallard Creek Road. Funds are needed for construction of sidewalks.	\$701,500.00 Cost \$526,125.00 Fed. \$175,375.00 Local
Mecklenburg Co. C-5543 EXEMPT	51013.3.1, CMS-1003(133) I-77 Overpass on Sunset Road from I-77 to Statesville Road. Funds are needed for construction of sidewalks.	\$1,210,500.00 Cost \$907,875.00 Fed. \$302,625.00 Local

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Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide W-5700J DIVISION	46878.1.10, HSIP-000S(880) Division 10 - Signal Timing. Funds are needed for preliminary engineering.	\$140,000.00 Cost \$126,000.00 Fed. \$14,000.00 State
Union Co. W-5601DK DIVISION	50138.2.116, HSIP-1315(017) SR 1315 (New Town Road) intersecting with SR 2948 (Marvin School Road) and SR 1307 (Waxhaw Marvin Road) in Marvin. Funds are needed for full right of way.	\$400,000.00 Cost \$360,000.00 Fed. \$40,000.00 State

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Division 10 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5790A DIVISION	44920.3.2, TAP-1001(066) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State
Statewide R-5790A DIVISION	44920.3.3, TAP-1001(067) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$130,000.00 Cost \$104,000.00 Fed. \$26,000.00 State
Statewide R-5790B DIVISION	44920.3.4, TAP-1001(068) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$120,000.00 Cost \$96,000.00 Fed. \$24,000.00 State
Statewide R-5790C DIVISION	44920.3.5, TAP-1001(69) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 State
Statewide R-5790C DIVISION	44920.3.6, TAP-1001(070) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State
Statewide R-5790D DIVISION	44920.3.7, TAP-1001(071) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$45,000.00 Cost \$36,000.00 Fed. \$9,000.00 State
Statewide R-5790D DIVISION	44920.3.8, TAP-1001(072) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State

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Division 10 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Union Co. EB-5011 DIVISION	41125.3.1, STPEB-1015(014) Bearskin Creek Greenway from Dickenson Park to Creft Park. Funds are needed for construction of greenway. This is a Strategic Transportation Investments Transition project.	\$1,420,000.00 Cost \$1,136,000.00 Fed. \$284,000.00 State

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Division 11

Appalachian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wilkes Co. R-5186 EXEMPT	45243.3.1, APD-1119(005) Wilkes Industrial Park-east of the intersection of River Road, Liberty Grove Road and Colonial Drive northeast to Liberty Grove Road in North Wilkesboro. \$1,006,381.00 has previously been approved for construction. Additional funds are requested.	\$9,212.00 Cost \$7,370.00 Fed. \$1,842.00 Local

Bridge

Wilkes Co. B-4977 DIVISION	39896.1.1, BRZ-1313(004) Replace Bridge #75 over Fish Dam Creek on SR 1313. \$40,625.00 has previously been approved for preliminary engineering. Additional funds are requested for additional design work.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
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Safety

Statewide W-5700K DIVISION	46878.1.11, HSIP-000S(881) Division 11 - Signal Timing. Funds are needed for preliminary engineering.	\$120,000.00 Cost \$108,000.00 Fed. \$12,000.00 State
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Division 11 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5791A DIVISION	44921.3.2, TAP-1119(009) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$465,362.00 Cost \$372,290.00 Fed. \$93,072.00 State
Statewide R-5791A DIVISION	44921.3.3, TAP-1119(010) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$132,351.00 Cost \$105,881.00 Fed. \$26,470.00 State

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Division 12

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cleveland Co. W-5712G STATEWIDE	44858.3.7, HSIP-0085(029) I-85 Pavement marking improvements. Funds are needed for construction of pavement marking improvements.	\$340,000.00 Cost \$306,000.00 Fed. \$34,000.00 State
Iredell Co. W-5712C REGIONAL	44858.3.3, HSIP-000S(865) Various National Highway System (NHS) routes, from SR 2638 (Salisbury Highway) to US 70, US 64, NC 90, NC 150, I-77 and I-40, in Iredell County. Funds are needed for construction of guardrail end unit upgrades.	\$195,000.00 Cost \$175,500.00 Fed. \$19,500.00 State
Iredell Co. W-5712D REGIONAL	44858.3.4, HSIP-0115(010) NC 115 in Iredell County between Mecklenburg County Line and Wilkes County Line. Funds are needed for construction of guardrail end unit upgrades.	\$185,000.00 Cost \$166,500.00 Fed. \$18,500.00 State
Statewide W-5700L DIVISION	46878.1.12, HSIP-000S(882) Division 12 - Signal Timing. Funds are needed for preliminary engineering.	\$180,000.00 Cost \$162,000.00 Fed. \$18,000.00 State

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Division 12 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Iredell Co. Z-5400LM DIVISION	43600.1.98, RR-2400(001) Railway-Highway Grade Crossing Safety Project at SR 2400 (Wiggins Road) at Norfolk Southern Railway Tracks; Crossing #721 610Y. Funds are needed for preliminary engineering.	\$46,000.00 Cost \$41,400.00 Fed. \$4,600.00 State

Rural

Statewide R-5792A DIVISION	44922.3.2, TAP-1229(018) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$186,006.00 Cost \$148,805.00 Fed. \$37,201.00 State
Statewide R-5792A DIVISION	44922.3.3, TAP-1229(019) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$140,859.00 Cost \$112,687.00 Fed. \$28,172.00 State
Statewide R-5792B DIVISION	44922.3.4, TAP-1229(020) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$141,277.00 Cost \$113,022.00 Fed. \$28,255.00 State
Statewide R-5792B DIVISION	44922.3.5, TAP-1229(021) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$194,828.00 Cost \$155,862.00 Fed. \$38,966.00 State

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Division 13

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
McDowell Co. I-5833 STATEWIDE	53039.3.1, NHPP-0040(026) I-40 from the Buncombe County Line to Bridge #30 and Bridge #31. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on October 12, 2016. This is a Cash Flow project with \$3,899,017.00 in SFY 17 and \$3,899,017.00 in SFY 18.	\$7,798,034.00 Cost \$6,238,427.00 Fed. \$1,559,607.00 State

Bridge

Burke Co. B-5398 DIVISION	46113.3.1, BRZ-1803(001) Replace Bridge #21 over Henry Fork River on SR 1803. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on October 12, 2016.	\$1,600,000.00 Cost \$1,280,000.00 Fed. \$320,000.00 State
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Safety

Buncombe Co. W-5713B DIVISION	44861.1.2, HSIP-1369(005) SR 1369 (Mount Carmel Road) near SR 1373 (Old Country Home Road) near Asheville. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
Buncombe Co. W-5713C REGIONAL	44861.1.3, HSIP-074A(006) Guardrail end unit upgrades on US 74A and US 19 Business. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

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Division 13 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. W-5713D REGIONAL	44861.1.4, HSIP-0151(017) Guardrail end unit upgrades on NC 151, NC 251, NC 280 and NC 694. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Buncombe Co. W-5713E STATEWIDE	44861.1.5, HSIP-0040(051) Guardrail end unit upgrades on I-40, I-240, US 19-23, US 25, US 25A and US 70. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Buncombe Co. W-5713F REGIONAL	44861.1.6, HSIP-0009(008) Guardrail end unit upgrades on NC 9, NC 63, NC 81, NC 112, NC 146 and NC 191. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Madison Co. W-5713G REGIONAL	44861.1.7, HSIP-0025(038) Guardrail end unit upgrades on US 25 - 70 Northbound. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

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Division 13 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Madison Co. W-5713H REGIONAL	44861.1.8, HSIP-0025(039) Guardrail end unit upgrades on US 25 - 70 Northbound and Southbound. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Madison Co. W-5713I REGIONAL	44861.1.9, HSIP-0025(040) Guardrail end unit upgrades on US 25 - 70 Southbound. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Rutherford Co. W-5713J REGIONAL	44861.1.10, HSIP-0064(189) US 64 from US 74A in Rutherford County to 400 Feet southwest of SR 1949 (Salem Road) in Burke County. Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Statewide W-5700M DIVISION	46878.1.13, HSIP-000S(883) Division 13 - Signal Timing. Funds are needed for preliminary engineering.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State

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Division 13 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5793A DIVISION	44923.3.2, TAP-1302(070) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$137,500.00 Cost \$110,000.00 Fed. \$27,500.00 State
Statewide R-5793A DIVISION	44923.3.3, TAP-1302(071) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$92,500.00 Cost \$74,000.00 Fed. \$18,500.00 State
Statewide R-5793B DIVISION	44923.3.4, TAP-1302(072) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$293,750.00 Cost \$235,000.00 Fed. \$58,750.00 State
Statewide R-5793B DIVISION	44923.3.5, TAP-1302(073) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$338,750.00 Cost \$271,000.00 Fed. \$67,750.00 State

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Division 13 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. EB-5790 DIVISION	46444.1.1, TAPDA-1302(074) On-street crossings and connections for bicyclist and pedestrians in East of the Riverway in Asheville. Funds are needed for preliminary engineering.	\$120,000.00 Cost \$96,000.00 Fed. \$24,000.00 Local

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

M-33

Division 14

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Haywood Co. W-5601GP DIVISION	50138.2.199, 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 full right of way.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
Statewide W-5700N DIVISION	46878.1.14, HSIP-000S(884) Division 14 - Signal Timing. Funds are needed for preliminary engineering.	\$330,000.00 Cost \$297,000.00 Fed. \$33,000.00 State
Transylvania Co. W-5601FM DIVISION	50138.3.170, HSIP-1540(006) SR 1540 (Wilson Road) near SR 1504, near Brevard. Funds are needed for construction of safety improvements.	\$200,000.00 Cost \$180,000.00 Fed. \$20,000.00 State

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

M-34

Division 14 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Jackson Co. R-4753 DIVISION	39999.3.3, STP-0107(010) NC 107 from north of SR 1002 (Old Cullowhee Road) to NC 281. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on October 12, 2016.	\$22,500,000.00 Cost \$18,000,000.00 Fed. \$4,500,000.00 State
Statewide R-5794A DIVISION	44910.1.3, TAP-1420(007) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for preliminary engineering.	\$20,250.00 Cost \$16,200.00 Fed. \$4,050.00 State
Statewide R-5794A DIVISION	44910.3.3, TAP-1420(007) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$160,000.00 Cost \$128,000.00 Fed. \$32,000.00 State
Statewide R-5794B DIVISION	44910.1.4, TAP-1420(008) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for preliminary engineering.	\$23,850.00 Cost \$19,080.00 Fed. \$4,770.00 State
Statewide R-5794B DIVISION	44910.3.4, TAP-1420(008) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$160,000.00 Cost \$128,000.00 Fed. \$32,000.00 State

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

M-35

Division 14 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide R-5794C DIVISION	44910.1.5, TAP-1420(009) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for preliminary engineering.	\$26,100.00 Cost \$20,880.00 Fed. \$5,220.00 State
Statewide R-5794C DIVISION	44910.3.5, TAP-1420(009) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$180,000.00 Cost \$144,000.00 Fed. \$36,000.00 State
Statewide R-5794D DIVISION	44910.1.6, TAP-1420(010) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for preliminary engineering.	\$22,500.00 Cost \$18,000.00 Fed. \$4,500.00 State
Statewide R-5794D DIVISION	44910.3.6, TAP-1420(010) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of >5000. Funds are needed for construction to install or upgrade ADA Ramps.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

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

M-36

Statewide

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide W-57000 DIVISION	46878.1.15, HSIP-000S(885) Statewide - Signal Timing. Funds are needed for preliminary engineering.	\$230,000.00 \$207,000.00 \$23,000.00	Cost Fed. State

Planning and Research

Statewide M-0487D STATEWIDE	46403.1.4, SHRP-000S(869) Strategic Highway Research Program 2 (SHRP2) R07- Performance Specifications for Rapid Highway Renewal. Funds are needed for the FY 2014 allocation.	\$50,000.00 \$50,000.00	Cost Fed.
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ITEM M SUMMARY - 127 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$61,831,079.00

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

December 1, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 10

* EB-5829	MATTHEWS, CONSTRUCT FOUR MILE CREEK	CONSTRUCTION	FY 2017 -	\$1,114,000	(STBGDA)
MECKLENBURG	GREENWAY CROSSING UNDER SR 3448 (SOUTH		FY 2017 -	\$279,000	(L)
PROJ.CATEGORY	TRADE STREET)			\$1,393,000	
DIVISION	<u>ADD PROJECT AT REQUEST OF MPO</u>				

* U-5987	INDIAN TRAIL, UNIONVILLE-INDIAN TRAIL ROAD AND	RIGHT-OF-WAY	FY 2017 -	\$270,000	(STBGDA)
UNION	SARDIS ROAD. CONSTRUCT INTERSECTION		FY 2017 -	\$90,000	(L)
PROJ.CATEGORY	IMPROVEMENTS.	CONSTRUCTION	FY 2018 -	\$1,680,000	(STBGDA)
DIVISION	<u>ADD PROJECT AT REQUEST OF MPO</u>		FY 2018 -	\$560,000	(L)
				\$2,600,000	

DIVISION 11

* R-5805	CAJAH'S MOUNTAIN, INTERSECTION OF CONNELLY	UTILITIES	FY 2017 -	\$80,000	(STBGDA)
CALDWELL	SPRINGS ROAD AND CAJAH'S MOUNTAIN ROAD.		FY 2017 -	\$20,000	(S(M))
PROJ.CATEGORY	CONSTRUCT LEFT TURN LANE.	CONSTRUCTION	FY 2017 -	\$620,000	(STBGDA)
DIVISION	<u>ADD PROJECT AT REQUEST OF MPO.</u>		FY 2017 -	\$155,000	(S(M))
				\$875,000	

DIVISION 12

* EB-5825	NEWTON, CONSTRUCT WEST A STREET BIKE AND	CONSTRUCTION	FY 2018 -	\$1,520,000	(STBGDA)
CATAWBA	PEDESTRIAN IMPROVEMENTS.		FY 2018 -	\$380,000	(L)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			\$1,900,000	
DIVISION					

* EB-5826	HICKORY, MAIN AVENUE NE/NW, LENOIR-RYHNE	CONSTRUCTION	FY 2018 -	\$3,600,000	(STBGDA)
CATAWBA	BOULEVARD TO 9TH STREET NW. CONSTRUCT		FY 2018 -	\$900,000	(L)
PROJ.CATEGORY	PEDESTRIAN WALKWAY AND BRIDGE OVER NC 127.			\$4,500,000	
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>				

* EB-5828	CLAREMONT, CENTENNIAL BOULEVARD, NORTH	CONSTRUCTION	FY 2018 -	\$458,000	(STBGDA)
CATAWBA	OXFORD STREET TO NORTH LOOKOUT STREET.		FY 2018 -	\$115,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK.			\$573,000	
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, December 01, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 12

* I-3819C	BROOKDALE DRIVE-US 21 CONNECTOR	RIGHT-OF-WAY	FY 2018 -	\$1,063,000	(STBGDA)
IREDELL	<u>ADD PROJECT AT REQUEST OF MPO.</u>		FY 2018 -	\$477,000	(L)
PROJ.CATEGORY		CONSTRUCTION	FY 2018 -	\$820,000	(STBGDA)
DIVISION			FY 2018 -	<u>\$368,000</u>	(L)
				\$2,728,000	

DIVISION 13

* EB-5827	FONTA FLORA TRAIL, FONTA FLORA STATE TRAIL,	ENGINEERING	FY 2017 -	\$160,000	(STBGDA)
BURKE	INTERSECTION OF LAUREL RIDGE COURT AND NORTH		FY 2017 -	\$84,000	(L)
PROJ.CATEGORY	POWERHOUSE ROAD TO THE PROPOSED HARRIS	RIGHT-OF-WAY	FY 2018 -	\$410,000	(STBGDA)
DIVISION	WHISNANT TRAILHEAD AT THE INTERSECTION OF		FY 2018 -	<u>\$216,000</u>	(L)
	HARRY WHISNANT ROAD AND COBB ROAD.			\$870,000	
	CONSTRUCT BICYCLE AND PEDESTRIAN FACILITY.				
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>				

STIP MODIFICATIONS

DIVISION 2

B-4863	SR 1335 (ISLAND ROAD), REPLACE LIFT SPAN ON	RIGHT-OF-WAY	FY 2018 -	\$1,325,000	(T)
CARTERET	BRIDGE 150073 AND BRIDGE 150096 OVER THE	UTILITIES	FY 2018 -	\$191,000	(T)
PROJ.CATEGORY	STRAITS AT HARKERS ISLAND.	CONSTRUCTION	FY 2020 -	\$11,167,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2021 -	\$11,167,000	(T)
	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18.</u>		FY 2022 -	<u>\$11,166,000</u>	(T)
				\$35,016,000	

DIVISION 3

U-5508	NC 24 (LEJEUNE BOULEVARD), NC 53 (WESTERN	RIGHT-OF-WAY	FY 2019 -	\$420,000	(T)
ONSLow	BOULEVARD) IN JACKSONVILLE. UPGRADE	CONSTRUCTION	FY 2021 -	<u>\$2,400,000</u>	(T)
PROJ.CATEGORY	INTERSECTION AND DRAINAGE.			\$2,820,000	
STATEWIDE	<u>TO COMBINE SCHEDULE WITH STIP PROJECT U-5736,</u>				
	<u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 19 AND</u>				
	<u>CONSTRUCTION FROM FY 18 TO FY 21.</u>				

DIVISION 4

* EB-5507	WILSON, SR 1184 (TARBORO STREET), FAIRVIEW	CONSTRUCTION	FY 2017 -	<u>\$225,000</u>	(TAP)
WILSON	AVENUE TO VINSON-BYNUM SCHOOL. ADD SIDEWALK.			\$225,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
TRANSITION	<u>DESIGN BY THE CITY. DELAY CONSTRUCTION FROM</u>				
	<u>FY 16 TO FY 17.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

B-4750 FRANKLIN PROJ.CATEGORY HWY FUNDS	SR 1719 (BRANNON ROAD), REPLACE BRIDGE 340090 OVER NORRIS CREEK. <u>ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 17 AND CONSTRUCTION FROM FY 20 TO FY 18 PER LATEST DIVISION SCHEDULE.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$120,000 \$1,200,000	(HFB) (HFB)
				\$1,320,000	
B-5102 PERSON PROJ.CATEGORY HWY FUNDS	US 158, REPLACE BRIDGE 720011 OVER SOUTH HYCO CREEK. <u>TO ALLOW ADDITIONAL TIME FOR R/W ACQUISITION, DELAY CONSTRUCTION FROM FY 17 TO FY 18</u>	CONSTRUCTION	FY 2018 -	\$2,200,000 \$2,200,000	(HFB)
B-5130 WAKE PROJ.CATEGORY DIVISION	SR 1321 (AVENT FERRY ROAD), REPLACE BRIDGE 910318 OVER LAKE JOHNSON IN RALEIGH. <u>TO ALLOW COORDINATION WITH B-5556 CITY LET SCHEDULE, DELAY RIGHT OF WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$314,000 \$4,200,000	(STPON) (STPON)
				\$4,514,000	
B-5145 PERSON PROJ.CATEGORY HWY FUNDS	SR 1343 (JOHN BREWER ROAD), REPLACE BRIDGE 720050 OVER SOUTH HYCO CREEK. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE DESIGN PHASE, DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18. PROJECT TO BE LET WITH B-5322.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2018 -	\$300,000 \$3,000,000	(HFB) (HFB)
				\$3,300,000	
B-5556 WAKE PROJ.CATEGORY DIVISION	LAKE DAM ROAD, REPLACE BRIDGE 910490 OVER WALNUT CREEK IN RALEIGH. <u>TO ALLOW ADDITIONAL TIME FOR THE CITY TO COMPLETE THE DESIGN PHASE, DELAY RIGHT-OF- WAY FROM FY 16 TO FY 17.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 - FY 2017 -	\$60,000 \$15,000 \$600,000 \$150,000	(STPOFF) (L) (STPOFF) (L)
				\$825,000	
B-5677 GRANVILLE PROJ.CATEGORY HWY FUNDS	SR 1724 (NORTHSIDE ROAD), REPLACE BRIDGE 380042 OVER LEDGE CREEK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 17 TO FY 18.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$80,000 \$775,000	(HFB) (HFB)
				\$855,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

B-5682 GRANVILLE PROJ.CATEGORY HWY FUNDS	SR 1400 (GRASSY CREEK - VIRGILINA ROAD), REPLACE BRIDGE 380129 OVER BEECH CREEK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 17 TO FY 18.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$75,000 (HFB) FY 2018 - <u>\$720,000</u> (HFB) \$795,000
B-5687 WARREN PROJ.CATEGORY HWY FUNDS	SR 1620 (LICKSKILLET ROAD), REPLACE BRIDGE 920043 OVER SHOCCO CREEK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 17 TO FY 18.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$115,000 (HFB) FY 2018 - <u>\$1,150,000</u> (HFB) \$1,265,000
C-5163 WAKE PROJ.CATEGORY EXEMPT	CRABTREE CREEK GREENWAY, CONSTRUCT A CONNECTOR BETWEEN CAPITAL AREA GREENWAY SYSTEM AND THE MORRISVILLE GREENWAY SYSTEM IN CARY. <u>TO ALLOW ADDITIONAL TIME FOR PROCESSING OF FUNDING AUTHORIZATION REQUEST, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u>	CONSTRUCTION	FY 2017 - \$3,630,000 (CMAQ) FY 2017 - <u>\$908,000</u> (L) \$4,538,000
* C-5183B DURHAM PROJ.CATEGORY EXEMPT	SR 1945 (S. ALSTON AVE.), SR 1171 (RIDDLE RD.) TO CAPPS ST. <u>AT REQUEST OF TRANSPORTATION PLANNING BRANCH AND MPO ADD RIGHT-OF-WAY IN FY 17 NOT PREVIOUSLY PROGRAMMED, AND DELAY CONSTRUCTION FROM FY 17 TO FY18.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$79,000 (CMAQ) FY 2017 - \$20,000 (L) FY 2018 - \$565,000 (CMAQ) FY 2018 - <u>\$141,000</u> (L) \$805,000
C-5569 GRANVILLE PROJ.CATEGORY EXEMPT	VARIOUS, CITY OF OXFORD. CONSTRUCT SIDEWALK AND CROSSWALK ENHANCEMENTS AT VARIOUS LOCATIONS. <u>TO ALLOW TOWN ADDITIONAL TIME FOR RIGHT-OF- WAY ACQUISITION, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u>	CONSTRUCTION	FY 2017 - \$184,000 (CMAQ) FY 2017 - \$46,000 (L) \$230,000
* I-5700 WAKE PROJ.CATEGORY STATEWIDE	I-40, SR 3015 (AIRPORT BOULEVARD). REVISE INTERCHANGE AND CONSTRUCT AUXILIARY LANE ON I-40 WESTBOUND FROM SR 3015 (AIRPORT BOULEVARD) TO I-540. <u>REVISE DESCRIPTION TO ADD AUXILIARY LANE ON I- 40 WESTBOUND AT REQUEST OF PRECONSTRUCTION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$920,000 (NHP) FY 2020 - \$2,875,000 (NHP) FY 2021 - <u>\$2,875,000</u> (NHP) \$6,670,000

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

I-5819 GRANVILLE VANCE PROJ.CATEGORY STATEWIDE	I-85, NORTH OF NC 56 IN GRANVILLE COUNTY TO US 158 IN VANCE COUNTY. DRAINAGE REHABILITATION. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>	CONSTRUCTION	FY 2017 -	\$1,000,000 \$1,000,000	(NHPIM)
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I-5843 GRANVILLE VANCE PROJ.CATEGORY STATEWIDE	I-85, NORTH OF NC 56 IN GRANVILLE COUNTY TO US 158 IN VANCE COUNTY. STRUCTURE AND SIGNING REHABILITATION. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE STRUCTURE PLANS, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u>	CONSTRUCTION	FY 2017 -	\$2,000,000 \$2,000,000	(NHPIM)
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DIVISION 7

R-4707 GUILFORD PROJ.CATEGORY REGIONAL	US 29; SR 4771 (REEDY FORK PARKWAY); SR 2526 (SUMMIT AVENUE), NORTH OF SR 2641 (BRYAN PARK ROAD) TO US 29 / SR 4771 (REEDY FORK PARKWAY) INTERCHANGE IN GREENSBORO. IMPROVE ROADWAY, MODIFY INTERCHANGE AND REPLACE BRIDGE 400360. <u>REVISE SOUTHWEST TERMINUS AND ROUTE DESCRIPTION TO REFLECT CORRECT PLANNING/ENVIRONMENTAL SCOPE.</u>	RIGHT-OF-WAY UTILITIES	FY 2019 - FY 2019 -	\$3,220,000 \$982,000 \$4,202,000	(T) (T)
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Y-4807B GUILFORD PROJ.CATEGORY DIVISION	LOWDERMILK STREET SYKES AVENUE, PINE STREET CROSSING CLOSURE AND LOWDERMILK STREET / SYKES AVENUE REALIGNMENT IN GREENSBORO. <u>AT REQUEST OF CITY AND RAIL DIVISION, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2017 - FY 2018 -	\$800,000 \$160,000 \$1,100,000 \$2,060,000	(STBGDA) (L) (O)
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DIVISION 8

EB-5521 MONTGOMERY PROJ.CATEGORY TRANSITION	NC 134 (NORTH MAIN STREET); SR 1005 (SOUTH MAIN, SR 1323 (OKEEWEMEE ROAD) TO BARNHILL STREET IN TROY. CONSTRUCT SIDEWALKS. <u>TO ALLOW ADDITIONAL TIME FOR TOWN TO DECIDE WHETHER TO RE-LET PROJECT, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u>	CONSTRUCTION	FY 2017 -	\$595,000 \$595,000	(STPEB)
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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

C-5503 CABARRUS PROJ.CATEGORY EXEMPT	US 601 NC 24/NC 27, US 601 AND NC 24/NC 27 IN MIDLAND. CONSTRUCT SIDEWALKS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>	ENGINEERING CONSTRUCTION	FY 2017 - \$11,000 (CMAQ) FY 2017 - \$3,000 (L) FY 2017 - \$101,000 (CMAQ) FY 2017 - \$25,000 (L) \$140,000
C-5533 MECKLENBURG PROJ.CATEGORY DIVISION	CHARLOTTE, SR 5469 (SHOPTON ROAD) AND SR 1156 (BEAM ROAD) IN CHARLOTTE. CONSTRUCT ROUNDBOUT. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$129,000 (CMAQ) FY 2017 - \$300,000 (STBGDA) FY 2017 - \$121,000 (L) FY 2018 - \$867,000 (CMAQ) FY 2018 - \$384,000 (STBGDA) FY 2018 - \$482,000 (L) \$2,283,000
C-5538 MECKLENBURG PROJ.CATEGORY DIVISION	CHARLOTTE, INTERSECTION OF TUCKASEEGEE- BERRYHILL-THRIFT ROADS IN CHARLOTTE. CONSTRUCT A TRAFFIC CIRCLE. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 17 TO FY 18</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$240,000 (L) FY 2017 - \$50,000 (CMAQ) FY 2017 - \$250,000 (STBGDA) FY 2017 - \$98,000 (L) FY 2018 - \$1,797,000 (CMAQ) FY 2018 - \$1,053,000 (STBGDA) FY 2018 - \$712,000 (L) \$4,200,000
C-5543 MECKLENBURG PROJ.CATEGORY EXEMPT	SUNSET ROAD, SUNSET ROAD, I-77 TO STATESVILLE ROAD IN CHARLOTTE. CONSTRUCT SIDEWALKS ON SOUTH SIDE AND INSTALL SIDEWALK ON THE I-77 OVERPASS. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>	CONSTRUCTION	FY 2017 - \$1,073,000 (CMAQ) FY 2017 - \$358,000 (L) \$1,431,000
EB-4717 STANLY PROJ.CATEGORY TRANSITION	LOCUST, CONSTRUCT BIKE/PEDESTRIAN TRAIL ALONG TOWN SEWER EASEMENTS IN LOCUST. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>	CONSTRUCTION	FY 2017 - \$250,000 (STPEB) \$250,000
EB-5783 MECKLENBURG PROJ.CATEGORY DIVISION	MATTHEWS, SAM NEWELL ROAD MULTI-USE PATH, RICE ROAD TO CROWN POINT ELEMENTARY SCHOOL. CONSTRUCT GREENWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING PER REQUEST FROM MPO. DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND CONSTRUCTION FROM FY 18 TO FY 19</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$107,000 (STBGDA) FY 2018 - \$27,000 (L) FY 2019 - \$213,000 (STBGDA) FY 2019 - \$53,000 (L) \$400,000

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

* P-5705B	CHARLOTTE, CHARLOTTE GATEWAY STATION	ENGINEERING	FY 2017 -	\$9,500,000	(STBGDA)
MECKLENBURG	<u>ADD PRELIMINARY ENGINEERING IN FY 17 AND</u>	CONSTRUCTION	FY 2017 -	\$25,000,000	(DP)
PROJ.CATEGORY	<u>CONSTRUCTION IN FY 17 NOT PREVIOUSLY</u>		FY 2017 -	\$5,500,000	(STBGDA)
REGIONAL	<u>PROGRAMMED AT THE REQUEST OF THE MPO</u>		FY 2017 -	<u>\$27,000,000</u>	(T)
				\$67,000,000	

* R-3329	US 74 BYPASS, I-485 (CHARLOTTE OUTER LOOP) TO	CONSTRUCTION	FY 2017 -	\$280,500,000	(BOND R)
MECKLENBURG	PROJECT R-2559 (US 74 MONROE BYPASS). MULTI-			\$280,500,000	
UNION	LANE FREEWAY ON NEW LOCATION.				
PROJ.CATEGORY	<u>MODIFY PROJECT FUNDING TO REFLECT UPDATED</u>				
TRANSITION	<u>PLAN OF FINANCE. FUNDING REPRESENTS \$114 M IN</u>				
	<u>REVENUE BONDS AND \$166.5 M IN TIFIA LOAN.</u>				

U-5703	US 74 (ROOSEVELT BLVD), SR 1514 (ROCKY RIVER	RIGHT-OF-WAY	FY 2017 -	\$400,000	(T)
UNION	ROAD) INTERSECTION. RECONFIGURE TO	CONSTRUCTION	FY 2018 -	\$1,750,000	(T)
PROJ.CATEGORY	SUPERSTREET.			\$2,150,000	
STATEWIDE	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN AT</u>				
	<u>REQUEST OF THE CITY OF MONROE DELAY</u>				
	<u>CONSTRUCTION FROM FY 17 TO 18</u>				

DIVISION 11

* R-5775	GRANITE FALLS, INTERSECTION OF US 321 AND SR	ENGINEERING	FY 2017 -	\$120,000	(STBGDA)
CALDWELL	1109 (PINWOODS ROAD EXTENSION). CONSTRUCT		FY 2017 -	\$30,000	(S(M))
PROJ.CATEGORY	INTERSECTION IMPROVEMENTS.	RIGHT-OF-WAY	FY 2017 -	\$280,000	(STBGDA)
EXEMPT	<u>ADD ENGINEERING AND RIGHT-OF-WAY IN FY 17 NOT</u>		FY 2017 -	\$70,000	(S(M))
	<u>PREVIOUSLY PROGRAMMED. DELAY CONSTRUCTION</u>	CONSTRUCTION	FY 2018 -	\$800,000	(STBGDA)
	<u>FROM FY 16 TO FY 18.</u>		FY 2018 -	\$200,000	(S(M))
				\$1,500,000	

DIVISION 12

C-5529	MOORESVILLE, INTERSECTION OF NC 115 AND FAITH	CONSTRUCTION	FY 2018 -	\$996,000	(CMAQ)
IREDELL	ROAD-CAMPUS LANE IN MOORESVILLE. REALIGN		FY 2018 -	\$750,000	(STBGDA)
PROJ.CATEGORY	FAITH ROAD TO TIE INTO EXISTING NC 115/CAMPUS		FY 2018 -	\$1,148,000	(L)
EXEMPT	LANE INTERSECTION AND CONSTRUCT DEDICATED			\$2,894,000	
	TURN LANES ON FAITH ROAD AND CAMPUS LANE				
	APPROACHES TO THE INTERSECTION.				
	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY</u>				
	<u>ACQUISITION, DELAY CONSTRUCTION FROM FY 17</u>				
	<u>TO FY 18</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 12

EB-5803	CONOVER, 1ST AVENUE AREA BICYCLE AND	CONSTRUCTION	FY 2017 -	\$561,000	(STBGDA)
CATAWBA	PEDESTRIAN IMPROVEMENTS.		FY 2017 -	<u>\$141,000</u>	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$702,000	
DIVISION	<u>DESIGN, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>				

EB-5808	HICKORY, UPGRADE CURRENT PEDESTRIAN SIGNALS	CONSTRUCTION	FY 2017 -	\$322,000	(STBGDA)
BURKE	AND INSTALL NEW PEDESTRIAN SIGNALS.		FY 2017 -	<u>\$80,000</u>	(L)
CALDWELL	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$402,000	
CATAWBA	<u>DESIGN, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>				
PROJ.CATEGORY					
DIVISION					

U-4700A	US 321, NORTH OF US 70 IN HICKORY TO US 321A	RIGHT-OF-WAY	FY 2018 -	\$21,500,000	(NHP)
BURKE	<u>ADD STBGDA AND LOCAL MATCH FUNDING IN FY 18</u>		FY 2019 -	\$21,500,000	(NHP)
CALDWELL	<u>NOT PREVIOUSLY PROGRAMMED AT THE REQUEST</u>	UTILITIES	FY 2018 -	\$2,000,000	(NHP)
CATAWBA	<u>OF THE MPO. FUNDS ARE DESIGNATED FOR US 321</u>	CONSTRUCTION	FY 2018 -	\$9,614,000	(HP)
PROJ.CATEGORY	<u>BRIDGE ENHANCEMENTS.</u>		FY 2018 -	\$19,486,000	(NHP)
STATEWIDE			FY 2018 -	\$2,800,000	(STBGDA)
			FY 2018 -	\$700,000	(L)
			FY 2019 -	\$29,100,000	(NHP)
			FY 2020 -	\$29,100,000	(NHP)
			FY 2021 -	<u>\$29,100,000</u>	(NHP)
				\$164,900,000	

DIVISION 13

EB-5807	MORGANTON, MORGANTON DOWNTOWN GREENWAY	CONSTRUCTION	FY 2017 -	\$1,335,000	(STBGDA)
BURKE	CONNECTOR.		FY 2017 -	\$334,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$1,669,000	
DIVISION	<u>DESIGN, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>				

DIVISION 14

R-5207C	SR 1006 (HOWARD GAP ROAD), SR 1539 (JACKSON	RIGHT-OF-WAY	FY 2017 -	\$100,000	(T)
HENDERSON	ROAD) TO US 25 IN FLETCHER	CONSTRUCTION	FY 2018 -	<u>\$850,000</u>	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>			\$950,000	
TRANSITION	<u>RIGHT-OF-WAY FROM FY 16 TO FY 17 AND</u>				
	<u>CONSTRUCTION FROM FY 17 TO FY 18</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, December 01, 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>TO ALLOW ADDITIONAL TIME FOR UTILITY PLANS DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$1,028,000 (STBG) FY 2017 - \$1,975,000 (HSIP) FY 2017 - <u>\$2,500,000</u> (STBG) \$5,503,000
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STIP DELETIONS

DIVISION 12

* EB-5805 CATAWBA PROJ.CATEGORY DIVISION	HICKORY, CITYWALK - PHASE I. CONSTRUCT MULTI-PURPOSE PEDESTRIAN AND BICYCLE PATH. <u>DELETE AT THE REQUEST OF MPO.</u>	ENGINEERING	FY 2016 - \$800,000 (STBGDA) FY 2016 - <u>\$200,000</u> (L) \$1,000,000
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ITEM N SUMMARY

ADDITIONS	8 PROJECTS	\$15,439,000
MODIFICATIONS	37 PROJECTS	
DELETIONS	1 PROJECTS	\$1,000,000
	46 PROJECTS	\$14,439,000

* INDICATES FEDERAL AMENDMENT

Thursday, December 01, 2016

NCDOT December 1, 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
Information Technology (NCDIT)

This Agreement is to provide support services for NCDOT's users and normal maintenance of the Department's SAP™ system. The Department and Agency have agreed provide to up to two thousand (2000) 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 \$241,758.75.

Division 2

City of Greenville
Pitt County
2.1074SM

This Municipal Operations Agreement (Schedule C) provides for the municipal operation of State-owned traffic signals at certain intersections on the State Highway System within or near the City of Greenville. The Department shall pay the Municipality an annual approved amount for the traffic signals operation, maintenance, and administrative costs as per the Agreement.

Town of New Bern
Craven County
49025

This Project consists of intersection improvements at Taberna Way and US 70 in New Bern, including signal and pavement marking revisions as needed for lane modifications. The Department is responsible for all phases of the work and participate in the cost of the Project up to \$100,000. The Municipality shall reimburse the Department \$10,000 for the work. The estimated total cost of the project is \$110,000.

Division 3

CSX Transportation (CSXT)
Town of Warsaw
Duplin County
Y-5500CB
45533

This Rail Agreement covers the permanent closure of the municipal at-grade highway-railroad crossing of Dudley Street (Crossing No. 624 710K, milepost AC 188.48), and for the installation of crossing signal warning devices and gates. CSXT will perform all work within the railroad right-of-way. The Department will perform all work outside of the railroad right-of-way. CSXT will reimburse the Department \$4,000 toward the cost of the crossing closure, and will pay the Municipality \$9,000, as an incentive payment for closing the crossing. The Department will pay CSXT 10% of the actual cost of the crossing signal installation at Dudley Street as a matching incentive for the crossing closure. The estimated cost of the Project is \$500,000.

NCDOT December 1, 2016 Board of Transportation Agenda

Division 3, con't.

City of Jacksonville
Onslow County
U-5719
50117.2.1

This Project consists of the Municipality relocating NCDOT fiber lines along US 258/NC 24 at the intersection with SR 1213 (Blue Creek Rd) and SR 1396 (Ridge Road) in Jacksonville. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual costs in an amount not to exceed \$3,600. Costs which exceed this amount shall be borne by the Municipality.

Division 5

North Carolina State University
Clean Energy Technology
Center (CETC)
C-5702 A, B, & C
44907.1.1
44907.1.2
44907.1.3

This Project consists of the development and operation of a clean fuel advanced technology outreach and awareness program, including sub-awards for Projects in eligible counties in North Carolina. The Project will be administered by the CETC, a Public Service Center of the University and will be responsible for day to day management and implementation of the Project. The Department will pay eighty percent (80%) of eligible costs from the CMAQ fund allocation up to a maximum of \$4,494,500. The CETC will be responsible for the twenty percent (20%) non-federal match of \$1,123,624.

City of Durham
Durham County
C-5183B
46242.2.1
46242.3.2

This Project consists of the installation of sidewalks along Alston Avenue from Capps Street to Riddle Road in Durham. The Municipality is responsible for all phases of the Project. The Department shall pay 80% of approved eligible costs from the CMAQ funds allocation, not to exceed \$644,360. The Municipality will be responsible for providing the 20% (\$161,090) non-federal match for the CMAQ funds authorized and all costs that exceed the total estimated cost.

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 construction of a 10-foot concrete greenway, 6-foot sidewalks, and a 5-lane section at the Rogers Road-Forestville Road/Heritage Lake Road intersection. This Supplemental Agreement is to include driveway access from Rogers Road to the Town's property, Parcel 132-3. The Municipality will pay an additional cost of \$8,158 to fund the additional work.

NCDOT December 1, 2016 Board of Transportation Agenda

Divisions 5 and 7

Triangle J COG
Wake, Durham and Orange
Counties
C-4924
44024.1.1
44024.1.2

This Project is for the implementation of a Transportation Demand Management Program for the Triangle Area. The Triangle J COG is responsible for implementing the Project. This Supplemental Agreement increases the funding for the work by \$1,028,000 with CMAQ funds. The Department will participate in no more than 80% of eligible costs up to a total of \$4,185,000 and the COG will provide a match of \$4,721,000.

Division 6

City of Fayetteville
Cumberland County
U-5528 F
50078.2.2
50078.3.8

This Project consists of the construction of sidewalk on the western side of Skibo Road from Raeford Road northward to Richwood Court. The Municipality is responsible for Right of Way and Utility Relocation for the Project. The Department shall pay 80% of approved eligible costs from the Transportation Alternatives Program (TAP) funds allocation, not to exceed \$96,000. The Municipality will be responsible for providing the 20% (\$24,000) non-federal match for the TAP funds authorized and all costs that exceed the total estimated cost.

City of Fayetteville
Cumberland County
U-5528 FA
50078.2.3
50078.3.3

This Project consists of the construction of sidewalk along the eastern side of Rosehill Road from Country Club Drive northward to Shaw Mill Road. The Department shall pay the Municipality 80% of approved eligible costs from the STP-DA funds allocation, not to exceed \$436,500. The Municipality will be responsible for providing the 20% (\$109,125) non-federal match for the STP-DA funds and all costs that exceed the total estimated cost.

City of Fayetteville Public Works
Commission
Cumberland County
U-2519CA
34817.2.7

This Project consists of highway improvements for the Fayetteville Outer Loop from south of US 401 to south of SR 1400 (Cliffdale Road) in Fayetteville. 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 reimbursement from the Municipality is \$595,366.

NCDOT December 1, 2016 Board of Transportation Agenda

Division 7

City of Greensboro
Guildford County
SS-4907BM
44712.3.1

This Project consists of modifications to the traffic signal at the intersection of US 220 (Battleground Avenue) and Mill Street/Battleground Court in Greensboro. Modifications include phase upgrades for left turn movements on both northbound and southbound Battleground Avenue. The Municipality is responsible for all phases of the Project. The Department shall participate in the costs in an amount not to exceed \$4,050. Costs which exceed this amount shall be borne by the Municipality.

City of Greensboro
Guildford County
SS-4907BO
44714.3.1

This Project consists of a traffic signal installation at the intersection of SR 2085 (Joseph M. Bryan Blvd.) eastbound on/off ramp at SR 2136 (Fleming Road). The signal will include mast arm poles and protected-permitted flashing yellow arrows. The Municipality is responsible for all phases of the Project. The Department will pay the costs in an amount not to exceed \$60,300. Costs which exceed this amount shall be borne by the Municipality.

Division 10

City of Charlotte
Mecklenburg County
EB-5820
44840.1.1
44840.3.1

This Project consists of the purchase and installation of bike-sharing stations around the City of Charlotte. The Municipality shall be responsible for all phases of the Project. The Department shall contribute 80% (\$675,000) of approved eligible costs from the TAPDA funds allocation. The Municipality shall provide the 20% (\$168,750) non-federal match and all costs that exceed the total estimated cost of \$843,750.

Mecklenburg County
EB-5786
46432.3.1

This Project consists of the construction of the Little Sugar Creek Greenway Extension from Ramblewood Lane in Charlotte to Cadillac Street in Pineville. The County shall be responsible for all phases of the Project. The Department shall contribute 80% (\$2,200,000) of approved eligible costs from the STBGDA funds allocation. The County shall provide the 20% (\$550,000) non-federal match and all costs that exceed the total estimated cost of \$2,750,000.

City of Concord
Cabarrus County
10.2013SM

This Municipal Operations Agreement (Schedule C) provides for the operation of the traffic signals at certain intersections on the State Highway System within or near the City of Concord. The Department shall pay the Municipality an annual approved amount for the traffic control devices utilized for the operation and maintenance of the system.

NCDOT December 1, 2016 Board of Transportation Agenda

Division 10, con't.

Charlotte Water
Mecklenburg County
43957

This Project consists of roadway improvements and signalization at the intersection of NC 49 and Cameron Boulevard and a left turn lane crossover at the intersection of W.T. Harris Boulevard and Alumni Way. At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate the water lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated reimbursement from the Agency is \$22,882.

City of Concord
Cabarrus County
10.2013SM

This Municipal Operations Agreement (Schedule C) provides for the operation of the traffic signals at certain intersections on the State Highway System within or near the City of Concord. The Department shall pay the Municipality an annual approved amount for the traffic control devices utilized for the operation and maintenance of the system.

City of Concord
Cabarrus County
10.2013SM

This Municipal Operations Agreement (Schedule D) provides for the operation of the computerized traffic signal system as indicated in the Agreement. The Municipality shall be responsible for timing plans, electric traffic signals and other traffic control devices on the State Highway System Streets located within the City of Concord. The Department shall pay an annual approved amount for the traffic signal control system installation, maintenance, and administrative costs as per the Agreement.

Norfolk Southern Railway (NS)
Mecklenburg County
P-5705A
44475.1.1

This Rail Agreement supersedes the NS agenda item for the development and review of preliminary track and signal plans for the proposed wye connection track between the NS Main and R lines at Charlotte Junction that was approved at the February 4, 2016 Board of Transportation meeting. Due to a change in the scope of work and Project responsibilities, the Agreement has been modified to reflect (1) an increase in the cost of the Department's participation from \$300,000 to up to \$1,000,000, and (2) a change in Project responsibilities as follows: The Department will prepare plans and submit said plans to NS for review. NS will prepare signal and other design plans, which will be submitted to the Department for review and approval. The Department will pay NS up to \$1,000,000 for the actual cost of all work performed by NS and associated with plan review and preparation/development.

NCDOT December 1, 2016 Board of Transportation Agenda

Division 11

Town of Beech Mountain
Avery County
44480

This Project consists of constructing a sidepath along NC 184 (Beech Mountain Parkway) from 0.2 miles north of the south town limit to 0.4 miles north of the south town limit. The Municipality is responsible for all phases of the Project. This Supplemental Agreement is to include eligible design costs associated with the Project in the current Project funding of \$250,000.

Division 12

City of Gastonia
Gaston County
I-5000
41153.3.1

This Project consists of geometric safety improvements to the Interchange on I-85/US 321 in Gastonia. 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 reimbursement from the Municipality is \$478,907.

NCDOT December 1, 2016 Board of Transportation Agenda

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

Division 1

Outer Banks Sporting Events
Dare County
36249.3703

This Project consists of providing traffic control for the Outer Banks Marathon in Dare County, including but not limited to cones, signs, barricades, changeable message signs, and the associated labor to install and maintain them. The Developer shall reimburse the Department 100% of the cost. The estimated reimbursement is \$17,000.

Division 3

Town of Leland
Brunswick County
U-5534J
44096.1.F11
44096.2.F11
44096.3.F11

This Project consists of the construction of a 5-foot wide sidewalk in three locations in Leland: on Village Road, Town Hall Drive and Old Fayetteville Road. This Supplemental Agreement is to extend the completion date for the Project to July 1, 2019, in lieu of June 30, 2017.

Town of Leland
Brunswick County
U-5534I
44096.1.F10
44096.2.F10
44096.3.F10

This Project consists of the construction of a 10-foot wide asphalt multi-use path to the Sturgeon Creek Bridge in Leland. This Supplemental Agreement is to extend the completion date for the Project to July 1, 2019, in lieu of June 30, 2017.

Division 4

City of Rocky Mount
Nash County
36249.3709

This Project consists of review and inspection of a traffic signal upgrade or installation at the intersection at NC 43/48 (Falls Road and Peachtree Street) in Rocky Mount. The Municipality shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$22,500.

Division 5

Town of Rolesville
Wake County
44823

This Project consists of installation of a 0.35 mile segment of sidewalk from just north of Louisburg Road to Quarry Road in Rolesville. The Municipality is responsible for all phases of the Project. The Department shall participate in the actual Project costs up to a maximum amount of \$250,000. Costs which exceed this amount shall be borne by the Municipality.

NCDOT December 1, 2016 Board of Transportation Agenda

Division 5, con't.

Knightdale Development
Ownership LLC
Wake County
36249.3704

This Project consists of review and inspection of a traffic signal installation on US 64 Business at the Parkstone Street/Quarry Driveway in Knightdale. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

D&N Developers LLC
Wake County
36249.3705

This Project consists of the review and inspection of the installation of a traffic signal at the intersection of Sunset Lake Road and Lassiter Road. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

GEMCAP Holdings LLC
Durham County
36249.3706

This Project consists of the review and inspection of the installation of a traffic signal at the intersection of SR 1110 (Southwest Durham Drive) and Witherspoon Drive. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

City of Raleigh
Wake County
15005.1092010

This Project consists of a water line for emergency washout repairs on SR 2052 (Rogers Road) in Raleigh. The Municipality shall be responsible for 100% of the cost for the water line. The estimated reimbursement from the Municipality is \$32,900.

Town of Morrisville
Wake County
50138.3.157

The Project consists of installation of mast arm signal poles at the intersection of SR 3015 (Airport Blvd) and SR 1641 (Slater Road) in Morrisville. The Municipality shall reimburse the Department 100% of the actual cost of all work performed by the Department, including administrative costs. The estimated reimbursement is \$85,750.

Division 8

Town of Aberdeen
Moore County
R-4073
44255

This Project consists of groundwater remediation near Highway 211 of Lockly Drive in Aberdeen. This Supplemental Agreement is to extend the completion date of the Project to 1/17/2018 in lieu of 1/17/2017.

North Carolina State Employees
Credit Union
Lee County
36249.3708

This Project consists of the review and inspection of the modification of a traffic signal at the intersection of Bragg Street and Nash Street in Sanford. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$3,000.

NCDOT December 1, 2016 Board of Transportation Agenda

Division 9

Village of Clemmons
Forsyth County
36249.3702

This Agreement is to establish the ownership and maintenance responsibilities for mast arm poles at the intersection of SR 1891 (Peace Haven Road) and Village Club Lane in Clemmons. The Municipality shall own and be responsible for all maintenance associated with the mast arm poles. The Department will be responsible for maintaining the attached signal hardware, signal heads, brackets, signal wire, and associated hardware.

Winston-Salem Forsyth County
Board of Education
Forsyth County
36249.3737

This Project consists of extending driveway pipe, adjusting the ditch line, and paving the driveway inside the gate of the school bus lot in Forsyth County. The Board of Education will reimburse the Department 100% of the cost of the work. The estimated reimbursement is \$10,600.

Division 10

City of Concord
Cabarrus County
C-5557
45845.3.1

This Project consists of the installation of sidewalk at several locations in the City of Concord. This Supplemental Agreement is to extend the completion date of the Project to 12/31/2018 in lieu of 12/31/2015.

M/I Homes of Charlotte, LLC
Mecklenburg County
36249.3701

This Project consists of modifications to the existing traffic signal at the intersection of Christenbury Parkway (SR 2894) and Cox Mill Road (SR 1448) in Concord. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

CalAtlantic Homes
Mecklenburg County
36249.3562

This Project consists of a signal upgrade at the intersection of NC 73 and Bradford Park Entrance/New Development Road. This Supplemental Agreement is for an additional traffic signal modification at the intersection of Davidson-Concord Road, (SR 2693) and Sam Furr Road as required by the construction of a right turn lane on westbound NC 73. The Developer shall reimburse the Department an additional \$5,000 for the review and inspection of the additional traffic signal. The total estimated reimbursement from the Developer is \$10,000.

NCDOT December 1, 2016 Board of Transportation Agenda

Division 12

City of Statesville
Iredell County
K-4908
39894.1.1
39894.2.1
39894.3.1

This Project consists of improvements to the Municipality's sewer system to serve the proposed I-77 Iredell County Median Rest Area. This Supplemental Agreement is to clarify the construction and reimbursement provisions and extend the completion date of the Project to November 30, 2017 in lieu of April 1, 2016.

Iredell Water Corporation
Iredell County
K-4908
39894.1.1
39894.2.1
39894.3.1

This Project consists of improvements to the Corporation's water system to serve the proposed I-77 Iredell County Median Rest Area. This Supplemental Agreement is to clarify the construction and reimbursement provisions and to extend the completion date of the Project to November 30, 2017, in lieu of April 10, 2016.

Cleveland County
44981

This Project consists of the construction of a turn lane at Pinnacle Classical Academy and the installation of an interim traffic signal at the intersection of NC 180 and SR 2201/SR 2202 (Joe's Lake Road). The County shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs in an amount not to exceed \$350,000. Costs which exceed this amount shall be borne by the County.

Division 13

North Carolina Department of
Agriculture
Asheville
Buncombe County

This Inter-Agency Agreement is for the Department to grant permission to the NC Department of Agriculture to utilize the right of way adjacent to the WNC Agriculture Centers public parking at the south east end of the facility in Asheville to be utilized as a parking lot on a temporary basis.

Division 14

Haywood County
E-4975
39831.1.1
39831.3.1

This Project is for the installation of interpretive signage and visitor kiosks in western North Carolina in the Blue Ridge National Heritage Area (BRNHA). This Supplemental Agreement provides additional time to submit final reimbursement requests for the Project. The County, working with the BRNHA, will complete the Project by January 31, 2017, in lieu of September 30, 2016.

NCDOT December 2016 Board of Transportation Agenda

Approval of Municipal Street System Changes

Additions to the State Highway System

Division	County	Municipality	Road	Termini	Length
10	Union 2016_12_M001	Town of Weddington	Bonner Drive	To add Bonner Drive located in the Arbor Oaks Subdivision.	0.14

Total Miles= 0.14 Miles

NCDOT December 2016 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R - 1 and R - 2
2	Final Right of Way Plans	R - 3
3	Revision to Final Right of Way Plans	R - 4
4	Approval of Conveyance of Highway Right of Way Residues	R - 5
5	Approval of Conveyance of Surplus Highway Right of Way	R - 6
6	Approval of Advance Acquisitions for 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)

Pitt County; I.D. No. W-5601CY; Project No. 50138.2.104:
US 264 alternate (Greenville Boulevard) at SR 1135 (Williams Road) / Koinonia Church Western Driveway in Greenville

(Division 3)

Pender County; I.D. No. B-5304; Project No. 46018.2.1:
Bridge No. 203 over Sill's Creek on SR 1324

(Division 4)

Johnston County; I.D. No. W-5601DP; Project No. 50138.2.121:
SR 1003 (Buffalo Road) between SR 1702 (Archer Lodge Road) and the Wake County Line (Portion of section is within Archer Lodge Town Limits, remainder in Johnston County)

Wayne County; I.D. No. W-5601BS; Project No. 50138.2.72:
US 13 at SR 1127 (Herring Road)

Johnston County; I.D. No. W-5601BZ; Project No. 50138.2.79:
SR 1720 (Thanksgiving Fire Road) between approximately 0.1 mile South and approximate 0.1 mile North of SR 1943 (New Creech Road)

Preliminary Right of Way Plans (continued)

(Division 5)

Wake County; I.D. No. U-5537; Project No. 44112.2.1:

Apex – SR 1521 (Lake Pine Drive) widen to 3 lanes and North of MacGregor Pines Road to North of Versailles Drive, Include 10 foot multi-use path East side; 5 foot sidewalk West side

Wake County; I.D. No. U-5317; Project No. 45430.2.1:

Fuquay-Varina – North Judd Parkway Northwest from NC 55 to NC 42

Wake County; I.D. No. W-5601EJ; Project No. 50138.2.140:

US 1A (South Main Street) between Star Road and Wake Pointe Shopping Center. Safety Improvements

Wake County; I.D. No. U-5529; Project No. 44107.2.1:

SR 1115 (Avent Ferry Road) from SR 1101 (Piney Grove-Wilbon Road) to West Elm Avenue in Holly Springs

(Division 7)

Alamance County; I.D. No. B-5347; Project No. 46061.2.1:

Bridge No. 170 over prong of Alamance Creek on SR 1212

(Division 11)

Wilkes County; I.D. No. B-4978; Project No. 39897.2.1:

Bridge No. 82 over South Prong Lewis Fork Creek on SR 1154

(Division 14)

Haywood County; I.D. No. W-5601GP; Project No. 50138.2.199:

SR 1613 (Beaver Dam Road) between SR 1663 (Great Oak Drive) and SR 1640 (Hilla Villa Road) near Canton

Henderson County; I.D. No. U-5105; Project No. 41903.2.FR1:

Hendersonville – us 25/SR 1164 (Erkwood Drive) / SR 1779 (Shepherd Street)

Final Right of Way Plans

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

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

(Division 3)

Project No. 38584.2.1; Sampson County; I.D. No. B-4814:

Grading, drainage, paving and structures on Bridges No. 102, 103 & 104 over Little Coharie Creek on SR 1233 (Autryville Road) with the right of way indicated upon the final plans for said project.

(Division 10)

Project No. 32638.2.2; Anson County; I.D. No. B-2506:

Structure, grading, paving and drainage on Bridge No. 08 over Brown Creek on SR 1627 with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 39999.2.FR2; Jackson County; I.D. No. R-4753:

Grading, drainage, paving, retaining walls and culverts on NC 107 from North of SR 1002 to NC 281 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 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) 10, 23 and 24 as presented at the December 1, 2016 Board of Transportation Meeting.

(Division 11)

Project No. 34518.2.FR2; I.D. No. R-2915B; Ashe County:

Final Right of Way plans approved on the minutes of the September 3, 2015 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 8 as presented at the December 1, 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 8)

Project 34542.2.5, Parcel R-3421C 017, I-73/74 from Southwest of SR 1304 (Harrington Road) to I-73/74 Interchange South of Ellerbe Lee County

Conveyance of an approximate 0.155-acre residue area to David Tarlton and Tammie Tarlton, the only interested adjacent owners, for the appraised value of \$155.00.

(Division 9)

Project 34871.2.2, Parcel U-2826A 006, Bridge 256 & 257 on US 52 Norfolk Southern Railroads Forsyth County

Conveyance of an approximate 0.152-acre residue area to Richard D. Kelly, the only interested adjacent owner, for the appraised value of \$1,850.00.

(Division 11)

Project 35015.2.1, Parcel U-4020 030 and 031, US 421 (King Street) from US 321 (Hardin Street) to East of NC 194 (Jefferson Road) Watauga County

Conveyance of an approximate 0.240-acre residue area to Noche, LLC, the highest bidder after public advertisement, for the high bid amount of \$16,380.00.

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 7)

**Project 6.498014T, Parcel U-2524AC 067, Intersection of I-73 and SR 1541
(Wendover Avenue)
Guilford County**

Conveyance of an approximate 0.618-acre surplus right of way area to Keystone Group, Inc. for the enhancement value of \$33,100.00.

Advance Acquisition of Highway Right of Way

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

Division 9

**Property of Gary Edward Winslow
I.D. No. U-2579AB, Parcel #904,
WBS 34839.2.4, F. A. Project N/A,
County of Forsyth**

**Property of Lillian M. Cifuentes
I.D. No. U-2579AB, Parcel #905,
WBS 34839.2.4 F. A. Project N/A,
County of Forsyth**

Division 10

**Property of Squires Realty, Inc.
I.D. No. U-2509A, Parcel #900,
WBS 38965.2.2, F. A. Project N/A,
County of Mecklenburg**

Division 11

**Property of Drucilla Bouffard
I.D. No. R-2233BB, Parcel #900,
WBS 34400.2.5, F. A. Project N/A,
County of Rutherford**

ADVANCE ACQUISITION OF HIGHWAY RIGH TOF WAY 4 PROJECT(S) \$0.00

R-ITEM SUMMARY 26 PROJECT(S) TOTAL: \$51,485.00

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

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

November 10, 2016

MEMORANDUM TO: Board of Transportation
FROM: Transportation Planning Branch
SUBJECT: Submission of the Rocky Mount MPO Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

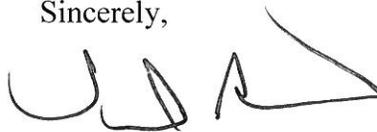
The Transportation Planning Branch has worked cooperatively with the Rocky Mount MPO on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by the Rocky Mount MPO on September 19, 2016.

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=Rocky Mount

The Transportation Planning Branch recommends the mutual adoption of the Rocky Mount MPO Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of October 11, 2016.

Sincerely,

A handwritten signature in black ink, appearing to read 'J Alavi', with a long horizontal stroke extending to the right.

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

Attachment

December 1, 2016

Adopted by:

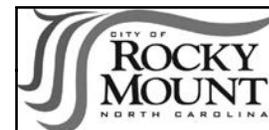
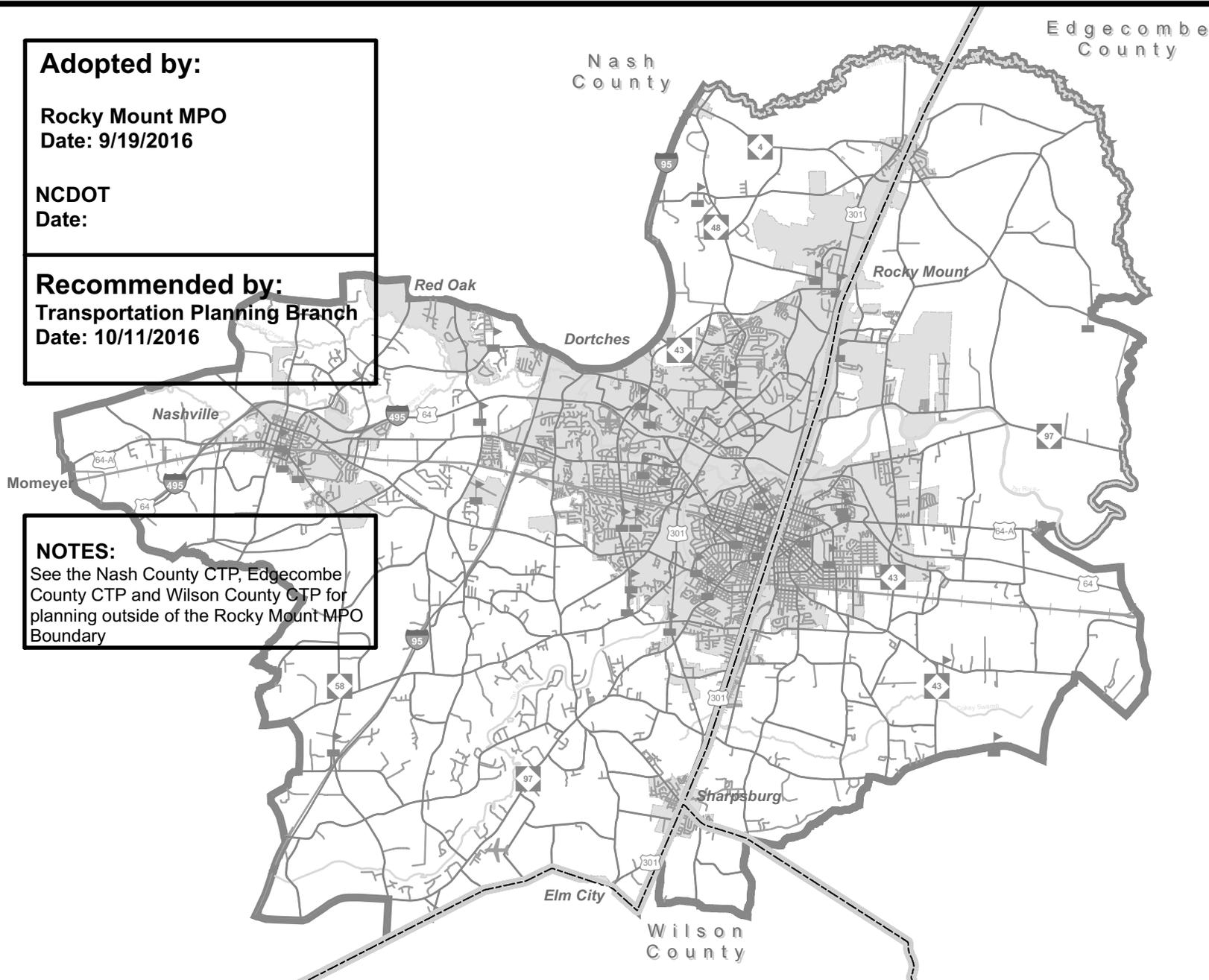
Rocky Mount MPO
Date: 9/19/2016

NCDOT
Date:

Recommended by:
Transportation Planning Branch
Date: 10/11/2016

NOTES:

See the Nash County CTP, Edgecombe County CTP and Wilson County CTP for planning outside of the Rocky Mount MPO Boundary



Rocky Mount MPO

Nash / Edgecombe / Wilson Counties
North Carolina

**Comprehensive
Transportation Plan**

Plan date: 9/16/2016

RECOMMENDED

- 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
- Railroads
- Rivers and Streams
- MPO Boundary
- County Boundaries
- Municipal Boundaries



Figure 1

Sheet 1 of 5



Base map date: August 2014

Refer to CTP document for more details

November 10, 2016

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Branch

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

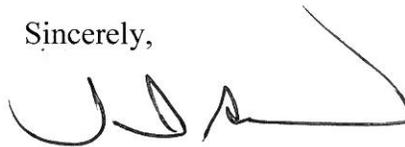
The Transportation Planning Branch has worked cooperatively with Scotland County, and the incorporated municipalities within the county, on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Scotland County on October 3, 2016, the City of Laurinburg on October 18, 2016, the Town of East Laurinburg on November 1, 2016, the Town of Gibson on October 13, 2016, the Town of Wagram on October 6, 2016, and the Town of Maxton on September 20, 2016. The Lumber River RPO endorsed the plan on November 28, 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=Scotland County](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Scotland%20County)

The Transportation Planning Branch recommends the mutual adoption of the Scotland County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of November 29, 2016.

Sincerely,



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

Attachment

December 1, 2016

Adopted by:

Scotland County
Date: October 03, 2016

City of Laurinburg
Date: October 18, 2016

Town of East Laurinburg
Date: November 01, 2016

Town of Gibson
Date: October 13, 2016

Town of Wagram
Date: October 06, 2016

Town of Maxton
Date: September 20, 2016

NCDOT
Date:

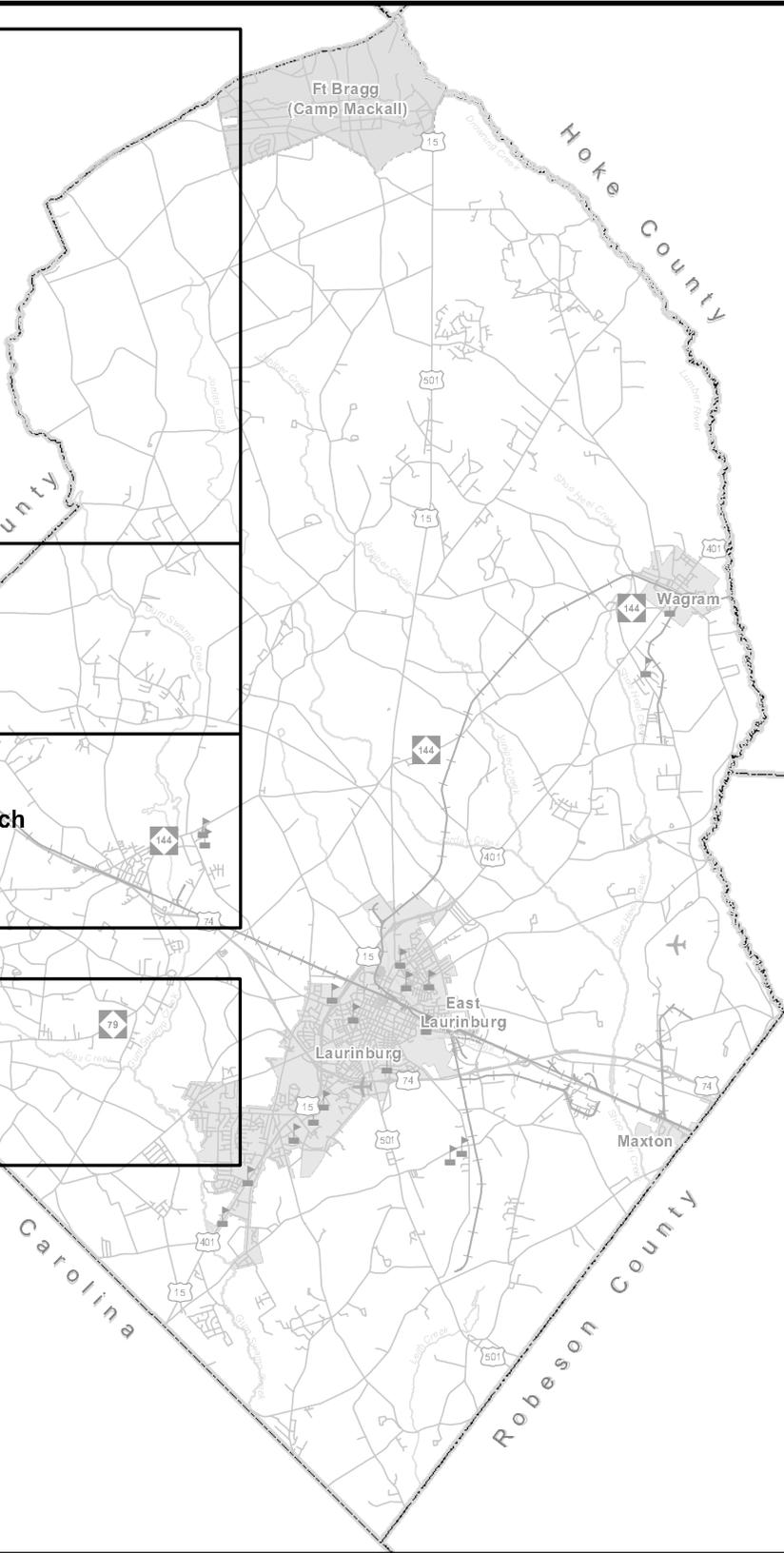
Endorsed by:

Lumber River RPO
Date: November 28, 2016

Recommended by:

Transportation Planning Branch
Date: November 29, 2016

NOTES:



Sheet 1 Adoption Sheet

Sheet 2 Highway Map

Sheet 3 Public Transportation and Rail Map

Sheet 4 Bicycle Map

Sheet 5 Pedestrian Map

Legend

- Schools
- Airports
- Roads
- Railroads
- Rivers and Streams
- Municipal Boundary
- Military Base
- County Boundary



Sheet 1 of 5

Base map date: January 3, 2014

Refer to CTP document for more details



Scotland County
North Carolina

RECOMMENDED
Comprehensive
Transportation Plan

Plan date: August 31, 2016

**NCDOT December 2016 Board of Transportation Agenda
Approval of Mobility Funds for Construction Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Northampton/ Hertford/ Bertie Cos. Div. 1 P-5600 DIVISION	WBS 44089.3.1 North Carolina Virginia railroad. \$3,400,000.00 has previously been approved for construction. Funds need to be decreased (\$2,800,000.00) and moved to Segment A. This is a Strategic Transportation Investments Transition project.	-\$2,800,000.00
Northampton/ Hertford/ Bertie Cos. Div. 1 P-5600A DIVISION	WBS 44089.3.2 North Carolina Virginia railroad. Initial funds are requested for construction to update the existing railroad track. This is a Strategic Transportation Investments Transition project.	\$2,800,000.00
ITEM V SUMMARY	2 PROJECTS	\$0.00