



MEETING AGENDA
North Carolina Board of Transportation
1 South Wilmington Street, Raleigh, North Carolina 27601
December 6-7, 2017

WEDNESDAY, December 6, 2017

11:00AM –11:30AM

Road, Bridge & Ferry Naming Committee	Room 160
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11:30AM – 1:00PM BREAK

1:00PM – 2:00PM WORK SESSION – FULL BOARD ATTENDANCE ROOM 150

Real ID Update	Greer Beaty
Fee Structure Performed by Highway Division	Tim Little
Closed Session: Pursuant to NC General Statute §143-318.11(a)(3)	Chuck Watts
Chief Financial Officer Update	Chairman Fox
Product Evaluation Awareness	Chairman Fox

2:00PM – 2:10PM BREAK

2:10PM – 2:50PM

Highway Committee	Room 150
Multi-Modal Committee	EIC

2:50PM – 3:00PM BREAK

3:00PM – 3:40PM

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

3:40PM ADJOURN

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

- **Call to Order** Chairman Fox
- **Ethics Statement** Chairman Fox
- **Approval of November 2, 2017 Board Meeting Minutes** Chairman Fox
- **Approval of November 20, 2017 Called Board Meeting Minutes** Chairman Fox
- **Secretary's Remarks** Secretary Trogdon

INFORMATION AND DELEGATED AUTHORITY

- (Item C) Award of Highway Construction Contracts from November 21, 2017 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item H) Approval of Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development
- (Item L) Approval of Funds for Specific Spot Safety Improvement Projects

ACTION

Chairman Fox

Fee Structure Performed by the Highway Division

Approval of Projects

- (Item G) Additions and Abandonments to State Secondary Road System
- (Item I) Public Transportation Program
- (Item I-1) Public Transportation
 - (Item I-1A) Public Transportation
 - (Item I-2) Rail Program
 - (Item I-4) Aviation
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2016-2017 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation

Committee Reports

Committee Chairs

Other Business

Chairman Fox

Adjourn

Chairman Fox

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

December 6-7, 2017

Delegated AuthoritySecretary Trogon

- (Item C) Award of Highway Construction Contracts from November 21, 2017 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects –
 Highway Fund and Highway Trust Fund **(No Item this month)**
- (Item H) Funds for Division-wide Small Construction,
 Statewide Contingency, Public Access, and Economic Development
- (Item L) Funds for Specific Spot Safety Improvement Projects

ActionChairman Fox

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

NCDOT Board of Transportation Agenda

ITEM C

November 2017

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

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER, 2017
DIVISION 00001

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ITEM C

C204003
35748.3.2

STATE FUNDED
PERQUIMANS
R-4467
11/21/2017

PROPOSAL LENGTH 0.8 MILES
TYPE OF WORK DESIGN-BUILD.
LOCATION US-17 BUS/NC-37 (NORTH CHURCH ST) FROM SOUTH OF THE PERQUIMANS RIVER BRIDGE TO NORTH OF NC-37.

EST CONST PROGRESS.... FY-2018..05% OF BID
FY-2019..10% OF BID
FY-2020..49% OF BID
FY-2021..30% OF BID
FY-2022..06% OF BID

RPN 009 3 BIDDER(S) MBE GOAL 0.00 % WBE GOAL 0.00%
ESTIMATE 51,403,550.00

DATE AVAILABLE JAN 01 2018
FINAL COMPLETION DEC 01 2021

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
MCLEAN CONTRACTING CO.	94.00	20.00	56,925,000.00	+10.7	11,385,000.00	45,540,000.00	-11.4
PCL CIVIL CONSTRUCTORS INC	89.50	16.25	55,338,025.00	+7.7	8,992,429.06	46,345,595.94	-9.8
ARCHER WESTERN CONSTRUCTION LLC	82.00	10.00	69,857,100.00	+35.9	6,985,710.00	62,871,390.00	+22.3

PROPOSAL	PROPOSED COMPLETION DATE
MCLEAN CONTRACTING CO.	JUN 14 2021
PCL CIVIL CONSTRUCTORS INC	SEP 01 2021
ARCHER WESTERN CONSTRUCTION LLC	NOV 01 2021

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER, 2017
DIVISION 00003

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ITEM C

C203980
40191.3.2

STATE FUNDED
NEW HANOVER
U-4751
11/21/2017

PROPOSAL LENGTH 4.156 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, RETAINING WALL, AND STRUCTURES.
LOCATION SR-1409 (MILITARY CUTOFF ROAD EXTENSION) FROM SR-1409 TO US-17 IN WILMINGTON.

EST CONST PROGRESS.... FY-2018..19% OF BID
FY-2019..34% OF BID
FY-2020..25% OF BID
FY-2021..18% OF BID
FY-2022..04% OF BID

RPN 001 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 6.00%
ESTIMATE 92,063,377.53

DATE AVAILABLE JAN 02 2018

INTER COMPLETION NOV 01 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 30 2022

	\$ TOTALS	% DIFF
BALFOUR BEATTY INFRASTRUCTURE INC WILMINGTON, NC	95,498,821.29	+3.7
S T WOOTEN CORPORATION WILSON, NC	111,538,323.26	+21.2
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	119,423,311.13	+29.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER, 2017
DIVISION 00003

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C203983
46018.3.1

STATE FUNDED
PENDER
B-5304
11/21/2017

PROPOSAL LENGTH 0.108 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #203 OVER SILLS CREEK ON SR-1324 (CROOKED RUN ROAD).

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

RPN 003 7 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 809,099.46

DATE AVAILABLE JAN 02 2018 THRU MAR 15 2018
INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT
VEGETATION ESTABLISHMENT 180 DAYS AFTER START DATE
FINAL COMPLETION 360 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
S & C CONSTRUCTION LLC WILMINGTON, NC	726,750.35	-10.2
THE TARA GROUP OF LUMBERTON INC LUMBERTON, NC	812,359.25	+0.4
S T WOOTEN CORPORATION WILSON, NC	847,282.63	+4.7
T A LOVING COMPANY GOLDSBORO, NC	900,088.00	+11.2
DANE CONSTRUCTION INC MOORESVILLE, NC	988,961.52	+22.2
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	996,022.50	+23.1
TRADER CONSTRUCTION CO. NEW BERN, NC	1,041,814.10	+28.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER, 2017
DIVISION 00003

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C204102
2018CPT.03.06.20671

STATE FUNDED
ONSLOW

11/21/2017

PROPOSAL LENGTH 22.077 MILES
TYPE OF WORK MILLING & RESURFACING.
LOCATION 22 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..73% OF BID
FY-2019..27% OF BID

RPN 004 2 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 5.00%
ESTIMATE 2,630,748.92

DATE AVAILABLE JAN 08 2018

FINAL COMPLETION NOV 01 2018

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	2,695,491.93	+2.5
ROSE BROTHERS PAVING CO INC AHOSKIE, NC	2,877,319.21	+9.4

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

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C203885
2016CPT.04.10.10511.1, 44850.3.1

STATE FUNDED, HSIP-0070(204)
JOHNSTON
W-5704A, W-5704B
11/21/2017

PROPOSAL LENGTH 10.174 MILES
TYPE OF WORK GRADING, DRAINAGE, MILLING, RESURFACING & SIGNALS.
LOCATION US-70 BUSINESS FROM WAKE COUNTY LINE TO US-70, 1 SECTION OF BARBOUR STREET, AND 1
SECTION OF HAMBY STREET.
EST CONST PROGRESS.... FY-2018..26% OF BID
FY-2019..74% OF BID

RPN 005 3 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 6,086,240.73

DATE AVAILABLE JAN 02 2018
INTER COMPLETION NOV 15 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAY 15 2019

	\$ TOTALS	% DIFF
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	6,659,797.15	+9.4
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	6,947,111.05	+14.1
S T WOOTEN CORPORATION WILSON, NC	7,409,276.10	+21.7

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

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C204043
34817.3.4

NHP-1118(11)
ROBESON, CUMBERLAND
U-2519AA, U-2519AB
11/21/2017

PROPOSAL LENGTH 6.1 MILES
TYPE OF WORK DESIGN BUILD.
LOCATION FUTURE I-295 (FAYETTEVILLE OUTER LOOP) FROM I-95 IN ROBESON COUNTY TO SOUTH OF SR-1003
(CAMDEN RD) IN CUMBERLAND COUNTY.
EST CONST PROGRESS.... FY-2018..05% OF BID
FY-2019..26% OF BID
FY-2020..34% OF BID
FY-2021..22% OF BID
FY-2022..13% OF BID

RPN 010 3 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 135,917,200.00

DATE AVAILABLE JAN 02 2018
FINAL COMPLETION JUN 15 2022

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
BALFOUR BEATTY BRANCH, A JOINT	92.50	18.75	129,749,000.00	-4.54	24,327,937.50	105,421,062.50	-22.44
BARNHILL CONTRACTING COMPANY	89.00	15.83	138,277,000.00	+1.74	21,889,249.10	116,387,750.90	-14.37
FLATIRON CONSTRUCTORS, INC.	91.00	17.50	154,674,000.00	+13.80	27,067,950.00	127,606,050.00	-6.11

PROPOSAL	PROPOSED COMPLETION DATE
BALFOUR BEATTY BRANCH, A JOINT VENTURE	JUL 15 2021
BARNHILL CONTRACTING COMPANY	DEC 15 2021
FLATIRON CONSTRUCTORS, INC. BLYTHE DEVE	DEC 21 2021

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

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C203984
46061.3.1

STATE FUNDED
ALAMANCE
B-5347
11/21/2017

PROPOSAL LENGTH 0.114 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND CULVERT.
LOCATION BRIDGE #170 OVER A PRONG OF BIG ALAMANCE CREEK ON SR-1145 (POND RD).

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

RPN 006 5 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 999,571.80

DATE AVAILABLE JAN 02 2018 THRU MAR 15 2018

INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT
VEGETATION ESTABLISHMENT 180 DAYS AFTER START DATE
FINAL COMPLETION 360 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
MOUNTAIN CREEK CONTRACTORS INC CATAWBA, NC	1,182,371.52	+18.3
SMITH-ROWE, LLC MOUNT AIRY, NC	1,213,413.40	+21.4
YATES CONSTRUCTION CO., INC. STOKESDALE, NC	1,248,684.25	+24.9
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	1,334,054.22	+33.5
DANE CONSTRUCTION INC MOORESVILLE, NC	1,358,491.97	+35.9

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

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C204092
2019CPT.07.01.10791

STATE FUNDED
ROCKINGHAM

11/21/2017

PROPOSAL LENGTH 24.96 MILES
TYPE OF WORK MILLING & RESURFACING.
LOCATION US-29 FROM US-158 TO CASWELL COUNTY LINE.

EST CONST PROGRESS.... FY-2019..85% OF BID
FY-2020..15% OF BID

RPN 007 3 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 5,724,832.71

DATE AVAILABLE JUL 09 2018
FINAL COMPLETION NOV 01 2019

	\$ TOTALS	% DIFF
SHARPE BROTHERS A DIV OF VECCELLIO & GROGAN, INC. GREENSBORO, I	4,979,513.03	-13.0
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	5,230,798.60	-8.6
ADAMS CONSTRUCTION COMPANY ROANOKE, VA	5,508,845.00	-3.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER, 2017
DIVISION 00009

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C203979
34839.3.GV6

NHP-0918(062)
FORSYTH
U-2579C
11/21/2017

PROPOSAL LENGTH 1.989 MILES
TYPE OF WORK WIDEN, GRADING, PAVING, DRAINAGE, SIGNING, SIGNALS & STRS.
LOCATION WINSTON-SALEM NORTHERN BELTWAY (EASTERN SECTION) FROM US-311 TO US-158 (FUTURE I-74)

EST CONST PROGRESS.... FY-2018..22% OF BID
FY-2019..36% OF BID
FY-2020..26% OF BID
FY-2021..16% OF BID

RPN 002 10 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 43,074,078.70

DATE AVAILABLE JAN 02 2018
INTER COMPLETION JUN 01 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION NOV 28 2021

	\$ TOTALS	% DIFF
ES WAGNER COMPANY LLC - SOUTH CAROLINA PIEDMONT, SC	33,213,319.43	-22.9
BRANCH CIVIL INC ROANOKE, VA	33,985,914.18	-21.1
WRIGHT BROTHERS CONSTRUCTION COMPANY INC CHARLESTON, TN	37,272,263.40	-13.5
VECELLIO & GROGAN INC DBA SHARPE BROTHERS BECKLEY, WV	37,596,782.16	-12.7
FLATIRON CONSTRUCTORS, INC. BLYTHE DEVELOPMENT CO JOINT VENT E	38,191,449.85	-11.3
JIMMY R LYNCH & SONS INC PILOT MOUNTAIN, NC	38,810,422.19	-9.9
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	39,192,896.53	-9.0
YATES CONSTRUCTION CO., INC. STOKESDALE, NC	40,727,869.07	-5.4
W C ENGLISH INCORPORATED LYNCHBURG, VA	42,211,258.56	-2.0
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	44,085,443.23	+2.3

**NCDOT December 2017
Board of Transportation Agenda**

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

Professional Services Management

Chief Operating Officer

Division of Planning and Programming

Feasibility Studies Unit

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts were necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the 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:	2017-2020 Feasibility Studies LSC
Firm:	Accelerate Engineering PLLC, Cary, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	Calyx Engineers and Consultants, Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	Davenport, Winston-Salem, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

December 7, 2017

Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	Johnson, Mirmiran & Thompson, Inc., Hunt Valley, MD
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	H. W. Lochner, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	The Louis Berger Group Inc, Morristown, NJ
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	Patriot Transportation Engineering PLLC, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	Sepi Engineering & Construction Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	TGS Engineers, Shelby, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2017-2020 Feasibility Studies LSC
Firm:	Vaughn & Melton Consulting Engineers Inc, Asheville, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Feasibility Studies Unit

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts were necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the 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:	2017-2019 Feasibility Studies – Express Design LSC
Firm:	A. Morton Thomas & Associates Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2017-2019 Feasibility Studies – Express Design LSC
Firm:	AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2017-2019 Feasibility Studies – Express Design LSC
Firm:	Gannett Fleming Inc, Philadelphia, PA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2017-2019 Feasibility Studies – Express Design LSC
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2017-2019 Feasibility Studies – Express Design LSC
Firm:	Mattern & Craig Inc, Asheville, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2017-2019 Feasibility Studies – Express Design LSC
Firm:	McCormick Taylor Inc, Harrisburg, PA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

December 7, 2017

Description of Work:	2017-2019 Feasibility Studies – Express Design LSC
Firm:	Mead & Hunt Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2017-2019 Feasibility Studies – Express Design LSC
Firm:	Parsons Transportation Group, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2017-2019 Feasibility Studies – Express Design LSC
Firm:	Stewart, Philadelphia, PA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2017-2019 Feasibility Studies – Express Design LSC
Firm:	Zapata-LJB, PLLC, Charlotte, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

Chief Engineer

Divisions

Divisions 1-4 and 6

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.

DIVISIONS 1-4 and 6

Description of Work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	Kimley-Horn & Associates, Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 8% / \$160,000.00
SPSF Utilization:	Catlin Engineers and Scientists 6% / \$120,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 5% / \$100,000.00
DBE/MBE/SPSF Utilization:	Vistabution LLC 5% / \$100,000.00
DBE/WBE/SPSF Utilization:	New South Associates, Inc. 2% / \$40,000.00
Description of Work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	Stantec Consulting Services Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$40,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$20,000.00
DBE/WBE/SPSF Utilization:	Anne Morris and Associates, LLC 1% / \$20,000.00
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc 1% / \$20,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 2% / \$40,000.00
DBE/SPSF Utilization:	MI Engineering PLLC 2% / \$40,000.00

Description of Work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$7,000,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	100%

Technical Services

Environmental Analysis

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

STATEWIDE

Description of work:	2015 Historic Architectural and Landscape Analyses LSC
Firm:	Environmental Corporation of North Carolina, Inc., Asheville, NC
Original Engineering Fee:	\$100,000.00
Supplemental Fee:	\$50,000
SPSF Utilization:	100%

Turnpike Authority

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

STATEWIDE

Description of work:	2015-2018 Toll Operation Services LSC
Firm:	Traffic Technologies Inc, Rhinebeck, NY
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

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

There will be no Secondary Road Improvement Projects submitted to the Board for approval at the December 2017 Board meeting.

NCDOT December 2017 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Currituck	51487	0.76	Laurel Wood Estates Subdivision Laurel Woods Way, SR 1538 Ext.	9/19/17
		0.11	Red Maple Court	
		0.17	Pond Pine Loop	
Division 2				
Pitt	51488	0.32	Woodmoor Subdivision Woodmoor Drive	10/13/17
		0.06	Trails End	
Division 3				
Onslow	51489	0.13	Indigo Ridge Subdivision Denim Drive	10/24/17
		0.26	Midnight Drive	
		0.07	Spiro Court	
Division 6				
Harnett	51490	0.12	Wyndham Place Subdivision Grahamridge Lane	10/30/17
		0.02	Grahamridge Lane	
Division 7				
Rockingham	51491	0.20	Nanabel Drive	6/30/17
Division 8				
Chatham	51492	0.88	Chestnut Crossing Subdivision Old Chestnut Crossing Road	2/1/17
Division 9				
Davie	51493	0.06	Covington Creek Subdivision Cumberland Court	10/25/17
Davie	51494	0.26	March Woods Subdivision Primrose Road	10/25/17
		0.15	Maplevalley Road	
Division 10				
Mecklenburg	51495	0.14	Iverness at Berwick Subdivision Sandhaven Way	5/15/17
		0.30	Langwell Lane	
		0.15	Garamond Wood Drive	
		0.24	Brideswell Lane	
		0.06	Herlot Field Drive	
		0.03	Newmill Way	

December 7, 2017

NCDOT December 2017 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 10				
Stanly	51496	0.26	Stanfield Ridge Subdivision Stanfield Ridge Drive	5/12/17
		0.05	Hope Dale Drive	
Union	51497	0.10	Shannon Vista Subdivision Coulee Court	8/8/17
Division 11				
Wilkes	51498	0.17	Berry Mountain Estates Subdivision Berry Mountain Lane	10/12/17
Division 12				
Lincoln	51499	0.93	Airlie Park Subdivision Airlie Parkway	4/28/17
		0.22	A.C. Sherrill	
Lincoln	51500	0.07	Lakewood Subdivision Kings Shore Drive	9/12/17
Lincoln	51501	0.18	Shady Oaks Subdivision Adkin Drive	9/5/17
Division 13				
Burke	51502	0.40	Government Drive	10/24/17
Burke	51503	0.31	McCray Farms Subdivision McCray Farms Drive	10/23/17
		0.20	Harvest Drive	

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 12				
Gaston	51504	0.06	Portion of SR 3018 Bay Shore Drive	9/28/17
Division 14				
Macon	51505	0.12	Portion of SR 1671 Gibson Road	6/7/17

Summary: **Number of Roads Petitioned for Addition – 32**
Number of Roads Petitioned for Abandonment – 2

December 7, 2017

NCDOT October 2017 Board of Transportation Agenda

Corrections:

Division 7 – Guilford County Petition 51437 added Fontana Court. It should be listed as Fortana Court.

NCDOT DECEMBER 2017 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

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 2 Carteret	Town of Atlantic Beach – Install pedestrian crosswalk on NC 58 (Fort Macon Rd) between Granville Ave. and Bayview Blvd.	Small Construction	\$17,300.00
	WBS 49030	TOTAL	\$17,300.00
Div 4 Johnston	Town of Smithfield – Extension of an existing center turn lane along Buffalo Rd, northward from the intersection of Booker Dairy Rd.	Contingency	\$400,000.00
	WBS 80052	TOTAL	\$400,000.00
Div 4 Nash	Town of Nashville – Construct new sidewalk along the south side of US 64 Bus (Washington St)	Contingency	\$16,373.01
	WBS 75011 – Increase funds and close	TOTAL	\$16,373.01
Div 5 Franklin	Town of Youngsville - Project Reflex – Construct right turn lane on SR 1130 (N. White St.) at SR 1900 (Nomaco Dr.) and strengthen Nomaco Dr.	Economic Development	\$250,000.00
		Public Access	\$100,000.00
		TOTAL	\$350,000.00
Div 6 Cumberland	Replace rail crossing, complete light clearing and A-boom mowing, seal cracks and overlay with BST, install pipe lining on 72" pipe and replace washed out crossline pipe on Edgecombe Dr. (non-system) on the campus of Fayetteville State University	Contingency	\$18,098.00
	WBS 45854 – Increase funds and close	TOTAL	\$18,098.00

NCDOT DECEMBER 2017 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

Div 6 Harnett	Roadway Improvements on Buffalo Lake Rd (SR 1115) at the entrance to the existing Highland Elementary School and the new Highland Middle School	Small Construction	\$17,202.64
	WBS 43680 – Increase funds and close	TOTAL	\$17,202.64
Div 7 Guilford	City of Greensboro – Install directional signs along I-40 (east & west) to provide a visual representation of the I-73/I-85 Southern Loop connections to I-40 to provide travelers additional guidance.	Small Construction	\$74,827.66
	WBS 44816 – Increase funds and close	TOTAL	\$74,827.66
Div 7 Guilford	Intersection re-alignment and installation of a traffic signal at SR 1818 (Johnson St) and SR 1850 (Sandy Ridge Rd)	High Impact – Low Cost	\$400,000.00
	WBS 47725	TOTAL	\$400,000.00
Div 8 Chatham	Town of Pittsboro – Planning and design of downtown transportation improvements and revitalization.	Economic Development	\$25,244.68
	WBS 44237 – Increase funds	TOTAL	\$25,244.68
Div 10 Cabarrus	City of Kannapolis - Project Hercules – Extend existing left turn lanes on NC 73 and SR 1430; construct new left and right turn lanes at industry access on NC 73; construct new roundabout at SR 1620 & SR 1621; construct new 200' SB on ramp turn lane at I-85 and extend storage length of existing NB I-85 off ramp.	Economic Development	\$1,000,000.00
	WBS 47706	TOTAL	\$1,000,000.00
Div 11 Wilkes	Right of Way acquisition to improve and maintain a scenic view easement adjacent to the overlook on US 21.	Contingency	\$60,000.00
	WBS 47634	TOTAL	\$60,000.00

NCDOT DECEMBER 2017 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

Div 12 Gaston	City of Gastonia – Installation of a traffic signal and pedestrian crosswalks at the intersection of Robinwood Rd (SR 2457) and Robinson Oaks Dr. at the new Warlick Family YMCA.	Contingency	\$250,000.00
	WBS 47751	<u>TOTAL</u>	<u>\$250,000.00</u>
Div 14 Polk	Construction of two bridges over US 74 from the NW quadrant of exit 270 to John Shehan Rd to provide alternate access to Tryon Equestrian Center	Contingency	\$750,000.00
	WBS 47693	<u>TOTAL</u>	<u>\$750,000.00</u>

Summary:

Number of Divisions	10
Number of Projects	13

Small Construction Commitment	\$109,330.30
Public Access Commitment	\$100,000.00
Contingency Commitment	\$1,494,471.01
Economic Development Commitment	\$1,275,244.68
High Impact/Low Cost Commitment	\$400,000.00

TOTAL	\$3,379,045.99
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Town/County

Division	ConCPT - Coordination and Consolidation	Estimated Cost	
2	18-CO-054 Carteret County will use the ConCPT coordination funds to create a new route, the "Downeast Express", to run 5 days per week in the Highway 70 corridor from Morehead City to locations in the Triangle area. The funds requested are for operations and will be used to expand service. The locations to be served include major transit hubs such as Amtrak and bus stations, medical destinations, veteran services, and educational venues. Systems coordinating with Carteret County in this project include Duplin County, Goldsboro-Wayne County, and Johnston County. Onslow County, Craven County, and Lenoir County may join this project at a later date. This application is for the period January - June 2018.	\$150,000	Total
		\$0	Federal
		\$75,000	State
		\$75,000	Local
4	18-CO-001 City of Wilson / Wilson County will use the ConCPT funds to consolidate the two systems. An Inter-local Agreement will determine roles and responsibilities. With a maximum amount of \$200,000 legislatively allocated per system, the combined transit system is eligible to receive \$350,000 annually as determined by NC operating statistics (OpStats).	\$700,000	Total
		\$0	Federal
		\$350,000	State
		\$350,000	Local
14	18-COP-020 Clay County will use the ConCPT coordination funds to expand service to Asheville for Clay, Macon, and Swain counties. With this operations funding, a 5-day per week, deviated fixed-route will be established for the participating systems. This application is for the period January - June 2018.	\$40,000	Total
		\$0	Federal
		\$20,000	State
		\$20,000	Local

ADVANCED TECHNOLOGY

3, 5, 10, 12, 14	18-AT-118B ShareTheRideNC Software -	\$ 156,000	Total
	GoTriangle will be using these funds for a	\$ 78,000	Federal
	statewide ridematching software administered by	\$ -	State
	their agency. There are four other statewide	\$ 78,000	Local
	organizations that are partners in this system:		
	Land of Sky COG, Charlotte Area Transit		
	System (CATS), Piedmont Authority for Regional		
	Transportation (PART), Wilmington MPO.		
	(CMAQ)		

DEMONSTRATION GRANT

5	18-DG-118 GoPass - Contract and MOU	\$ 375,000	Total
	between NCDOT and GoTriangle from January	\$ 300,000	Federal
	1, 2018 through June 30, 2021, for the purpose	\$ 75,000	State
	of providing regional bus passes across the	\$ -	Local
	Triangle to State employees at a reduced rate of		
	\$25.00 per employee. This is a three year cost		
	projection. (CMAQ-TDM)		

Item I - 1, 5 Project(s), Total Federal/State Funds \$ 898,000

**STI projects funded through the Highway Trust Fund are approved by the BOT on Item K*

ADDITIONS to the Transit 2018-2027 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY 17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)
TO-6147	PART	Operating Assistance	5307	CMAQ		292							
			Local	L		73							
TG-6189	Chatham County Transit	Bus Shelter	5307	STBGDA		28							
			Local	L		7							
TG-6784	CFPTA	Preventive Maintenance	5307	STBGDA	350								
			Local	L	87								
TA-6700	CFPTA	ADA	5307	STBGDA	161								
			Local	L	40								
TO-6151	Link	Operating	5307	FUZ		504	504	504	504	504			
			Local	L		504	504	504	504	504			

ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY 16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)
TA-6692	Western Piedmont Regional Transportation Authority	Purchase replacement 35' Bus	5307	STPDA			120	120						
			Local	L			30	30						
TA-6693	Gastonia Transit	Bus replacement	FUZ	5307		1080								
			State	S		135								
			Local	L		135								
TA-6694	Gastonia Transit	Transporter Van Replacement	FUZ	5307		32								
			State	S		4								
			Local	L		4								
TA-6695	Chapel Hill Transit	Bus Replacement Project- CMAQ	FUZ	5307			1094							
			Local	L			274							
TA-6696	GO Durham Transit	Bus Replacement	FUZ	5307			400							
			Local	L			100							
TA-6697	Chatham County Transit	Transit Service Improvements along the US 15-501 Corridor between Pittsboro and Chapel Hill 30-35 ft HD Low Floor Transit Bus	FUZ	5307			400							
			Local	L			100							
TA-6698	Greensboro Transit Authority	Electric Replacement Buses (FY18-19)	FUZ	5307			1908	1946						
			Local	L			477	487						

TA-6699	Western Piedmont Regional Transit Authority	35 Ft. Replacement Bus	STPDA	STPDA			270							
			Local	L			68							

Item I-1A, 12 Projects, Total Federal/State funds \$10,860,000

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

Town/County Division	Project Description	Estimated Cost
Statewide	The Rail Division requests State rail funds to cover various projects related to ARRA/PIP final closeout of projects. The new funds will come from a transfer of BSIP funds reimbursed by the FRA. State rail funds were used to cover BSIP charges related to ARRA/PIP since 2012. This transfer was reviewed and approved by the Department's Accounting Operations & Budget Unit.	\$3,158,000
Division 1 Northampton County 80000.2.3.77	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade crossing by installing a rail seal surface to replace the existing surface on the North Carolina & Virginia Railroad (NCVA). The crossing to be improved is crossing number 630 286J, MP 70.90 (NC 35). NCVA will provide the necessary labor to install the materials. The Highway Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$48,500. FRRCSI ID: F18238	\$48,500
Division 2 Carteret County 80000.1.4.45	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail and switch replacement at the North Carolina State Port Authority (NCSPA) Port of Morehead City to improve safety and operating efficiency. The NCSPA will be responsible for the construction of the project. The total cost of the project is \$700,000. The total estimated cost to the Department is \$360,000. FRRCSI ID: F18101	\$360,000
Divisions 2 & 4 Beaufort & Nash Counties 80000.1.4.49	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for bridge upgrades and rail replacement on the Carolina Coastal Railway (CLNA) to improve safety and operating efficiency. CLNA will be responsible for the construction of the project. The total cost of the project is \$750,950. The total estimated cost to the Department is \$385,000. FRRCSI ID: F18105	\$385,000
Division 3 New Hanover County 80000.1.4.53	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail upgrades on two tracks at the North Carolina State Port Authority (NCSPA) Port of Wilmington to improve safety and operating efficiency. The NCSPA will be responsible for the construction of the project. The total cost of the project is \$1,250,544.80. The total estimated cost to the Department is \$635,000. FRRCSI ID: F18109	\$635,000

<p>Division 3 Sampson County 80000.2.3.74</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of five at-grade crossings by installing a rail seal surface to replace the existing surface on the Clinton Terminal Railroad (CTR). The crossings to be improved are crossing number 629 029P, MP 202.25 (SR 1275 - West Morisey Boulevard), crossing number 628 850D, MP 200.20, (SR 1921 - Clive Jacobs Road), crossing number 629 027B, MP 202.14 (SR 1231 - Lisbon Street), crossing number 629 017V, MP 201.13 (SR 1931 - Fontana Street), crossing number 628 854F, MP 199.64 (SR 1922 - Rackley Road). CTR will provide the necessary labor to install the materials. The Highway Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$182,400. FRRCSI ID: F18235</p>	<p>\$182,400</p>
<p>Divisions 1,2,4,5 Washington, Beaufort, Greene, Pitt, Wilson, & Wake Counties 80000.2.3.73</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of eleven at-grade crossings by installing a rail seal surface to replace the existing surface on the Carolina Coastal Railroad (CLNA). The crossings to be improved are crossing number 466 199F, MP NS 92, (SR 1342 - Rankin Lane), crossing number 466 207V, MP NS 90.95 (SR 1325 - Main Street), crossing number 466 329A, MP BH 8.9, (SR 1621 - Old 97 Road), crossing number 465 569D, MP 168.90, (SR 1229 - Appie Road), crossing number 465 620Y, MP NS 191.90, (SR 1151 - Old Davis Road), crossing number 465 588H, MP NS 177.60, (SR 1622 - Evansdale Road), crossing number 465 682W, MP NS 220.98, (SR 2233 - Smithfield Road), crossing number 465 526K, MP NS 155.80, (SR 1216 - Bruce Strickland Road), crossing number 465 549S, MP NS 165.05, (SR 1312 - Meadow Road), crossing number 465 560S, MP NS 165.50, (SR 1303 - Fieldboro Road), crossing number 466 169N, MP NS 119.50, (SR 1520 - Terrapin Track Road). CLNA will provide the necessary labor to install the materials. The Highway Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$209,200. FRRCSI ID: F18234</p>	<p>\$209,200</p>
<p>Division 6 Columbus County 80000.1.4.44</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail upgrades on the RJ Corman Carolina Lines (RJCS) to improve safety and operating efficiency. RJCS will be responsible for the construction of the project. The total cost of the project is \$822,800. The total estimated cost to the Department is \$420,000. FRRCSI ID: F18100</p>	<p>\$420,000</p>

Division 6 Columbus County 80000.2.3.78	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of six at-grade crossings by installing a rail seal surface to replace the existing surface on the RJ Corman Carolina Lines (RJCS). The crossings to be improved are crossing number 629 487D, MP AC 303.00, (SR 1410 - Cedar Street), crossing number 629 386S, MP ACH 304.59, (SR 1378 - Williams Road), crossing number 629 489S, MP AC 301.73, (SR 1414 - Braswell Road), crossing number 629 478E, MP AC 305.31, (SR 1403 - June Baldwin Road), crossing number 629 388F, MP ACH 305.37, (SR 1314 - Sidney Cherry Grove Road), and crossing number 629 377T, MP ACH 301.99, (SR 1340 - Donald Mercer Road). RJCS will provide the necessary labor to install the materials. The Highway Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$149,400. FRRCSI ID: F18239	\$149,400
Division 6 Cumberland County 80000.2.3.70	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade crossings by installing a concrete tub surface to replace the existing surface on the Aberdeen & Rockfish Railroad (AR). The crossing to be improved is crossing number 847 193T, MP ML 38.65, (US 401 Bypass - Skibo Road). AR will provide the necessary labor to install the materials. The Highway Division will provide the traffic control. The total estimated cost to the Department is \$168,500. FRRCSI ID: F18231	\$168,500
Division 6 Robeson County 80000.2.3.79	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade 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 crossing number 629 261S, MP 228.48, (SR 1814 - Croft Metal Road). RSNR will provide the necessary labor to install the materials. The Highway Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$30,500. FRRCSI ID: F18240	\$30,500
Division 8 Hoke County 80000.1.4.50	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail replacement on the Aberdeen & Rockfish Railroad (AR) to improve safety and operating efficiency. AR will be responsible for the construction of the project. The total cost of the project is \$321,808. The total estimated cost to the Department is \$170,000. FRRCSI ID: F18106	\$170,000

Division 8 Lee County 80000.1.4.55	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for turnout replacement at the Sanford Yard on the Atlantic & Western Railway (ATW) to improve safety and operating efficiency. ATW will be responsible for the construction of the project. The total cost of the project is \$383,000. The total estimated cost to the Department is \$200,000. FRRCSI ID: F18111	\$200,000
Division 8 Scotland County 80000.2.3.76	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of two at-grade crossings by installing a rail seal surface to replace the existing surface on the Laurinburg & Southern Railroad (LRS). The crossings to be improved are crossing number 852 562X, MP ML 4.8, (SR 1645 - Dixie Guano Road) and crossing number 852 558H, MP ML 7.4, (US 401). LRS will provide the necessary labor to install the materials. The Highway Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$140,000. FRRCSI ID: F18237	\$140,000
Divisions 8 & 10 Cabarrus, Moore, Montgomery, and Stanly Counties 80000.1.4.46	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for bridge upgrades, rail replacement, switch replacement and facility improvements on the Aberdeen Carolina & Western Railway (ACWR) to improve safety and operating efficiency. ACWR will be responsible for the construction of the project. The total cost of the project is \$904,321. The estimated total cost to the Department is \$465,000. FRRCSI ID: F18102	\$465,000
Divisions 8 & 10 Moore, Montgomery, Cabarrus, Mecklenburg, and Stanly Counties 80000.2.3.69	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of seven at-grade crossings by installing a rail seal surface to replace the existing surface on the Aberdeen Carolina & Western Railway (ACWR). The crossings to be improved are crossing number 466 003J, MP PS 307.48, (SR 1492 - Providence Chapel Road), crossing number 466 005X, MP PS 307.72, (SR 1520 - Ray Road), crossing number 728 926H, MP PS 325.70, (SR 1143 - Hurley Dairy Road), crossing number 726 810A, MP PS 370.20, (SR 3088 - Guice Crossing Lane), crossing number 728 809M, MP PS 370.10, (SR 1129 - Ramble Road), crossing number 728 871X, MP PS 344.80, (SR 1932 - Anson Avenue) and crossing number 466 244X, MP SS 32.2, (SR 1622 - Myers Drive). ACWR will provide the necessary labor to install the materials. The Highway Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$132,800. FRRCSI ID: F18230	\$132,800

Divisions 9 & 11 Forsyth, Stokes, Surry, & Wilkes Counties 80000.1.4.51	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail and cross tie replacement on the Yadkin Valley Railroad (YVRR) to improve safety and operating efficiency. YVRR will be responsible for the construction of the project. The total cost of the project is \$1,210,072.50. The total estimated cost to the Department is \$615,000. FRRCSI ID: F18107	\$615,000
Divisions 9 & 11 Forsyth, Stokes and Surry Counties 80000.2.3.80	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of six at-grade crossings by installing a rail seal surface to replace the existing surface on the Yadkin Valley Railroad (YVRR). The crossings to be improved are crossing number 721 782G, MP K 45.5, (SR 3936 - Hidden Ridge Trail), crossing number 721 776D, MP K 44.1, (SR 1609 - Snyder Farm Road), crossing number 721 766X, MP K 40.2, (SR 1638 - Helsabeck Road), crossing number 721 940E, MP CF 27.65, (SR 1247 - Priddy Farm Road), crossing number 721 981J, MP CF 10.85, (SR 2103 - Stamey Woods Road) and crossing number 721 971D, CF 14.95, (SR 2110 - Nelson Road). YVRR will provide the necessary labor to install the materials. The Highway Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$140,800. FRRCSI ID: F18241	\$140,800
Division 12 Alexander County 80000.2.3.71	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade crossings by installing a concrete tub surface to replace the existing surface on the Alexander Railroad (ARC). The crossing to be improved is crossing number 864 365T, MP 61.38, (SR 1584 - W.E. Baab Industrial Drive). ARC will provide the necessary labor to install the materials. The Highway Division will provide the traffic control. The total estimated cost to the Department is \$44,500. FRRCSI ID: F18232	\$44,500
Division 12 Gaston County 80000.1.4.48	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for construction of a transload facility on the Piedmont & Northern Railway (PNRW) to promote economic development and customer retention. PNRW will be responsible for the construction of the project. The total cost of the project is \$4,740,000. The total estimated cost to the Department is \$930,000. FRRCSI ID: F18104	\$930,000

Division 12 Iredell County 80000.1.4.54	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail upgrades at the Statesville Yard on the Alexander Railroad (ARC) to improve safety and operating efficiency. ARC will be responsible for the construction of the project. The total cost of the project is \$930,339. The total estimated cost to the Department is \$475,000. FRRCSI ID: F18110	\$475,000
Divisions 13 & 14 Buncombe, Henderson, & Haywood Counties 80000.2.3.72	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of five at-grade crossings by installing a rail seal surface to replace the existing surface on the Blue Ridge Southern Railroad (BLU). The crossings to be improved are crossing number 720 650T, MP W 14.16, (SR 1695 - S. Naples Road), crossing number 7209 535S, MP W 16.29, (SR 1529 - Hillgirt Road), crossing number 720 335C, MP T 23.09, (SR 1527 - W. Jones Cove Road), crossing number 729 533D, MP W 16.0, (SR 1633 - Industrial Park Drive) and crossing number 720 384Y, MP T 7.56, (SR 3448 - Pallet Road). In addition, crossing number 720 386M, MP T 7.09, (SR 3613 - Hill Top Drive) will be improved by replacing the existing surface with a concrete tub surface. BLU will provide the necessary labor to install the materials. The Highway Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$202,400. FRRCSI ID: F18233	\$202,400
Division 14 Cherokee County 80000.2.3.75	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade crossing by installing a rail seal surface to replace the existing surface on the Great Smoky Mountain Railroad (GSMR). The crossing to be improved is crossing number 720 130J, MP T 98.76, (SR 1390 - Robbinsville Road). GSMR will provide the necessary labor to install the materials. The Highway Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$60,500. FRRCSI ID: F18236	\$60,500
Division 14 Haywood & Jackson Counties 80000.1.4.47	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for bridge upgrades on the Blue Ridge Southern (BLU) to improve safety and operating efficiency. BLU will be responsible for the construction of the project. The total cost of the project is \$1,809,600. The total estimated cost to the Department is \$915,000. FRRCSI ID: F18103	\$915,000

Division 14 Jackson & Swain Counties 80000.1.4.52	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail replacement, cross tie replacement & surfacing, return section of track into service and bridge inspections on the Great Smoky Mountain Railroad (GSMR) to improve safety and operating efficiency. GSMR will be responsible for the construction of the project. The total cost of the project is \$1,255,809. The total estimated cost to the Department is \$640,000. FRRCSI ID: F18108	\$640,000
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ITEM I-2 SUMMARY – 25 PROJECTS – \$10,877,500 (TOTAL FEDERAL AND STATE)

NCDOT December 2017 Board of Transportation Agenda

Division of Bicycle and Pedestrian Transportation

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the December 7, 2017 Board of Transportation meeting.

ITEM I-3 SUMMARY – NO PROJECTS

NCDOT December 2017 Board of Transportation Agenda

Aviation Program

Town/County Division	Project Description
Division 05 Raleigh Durham International Airport Wake/Durham County	Taxiway F Rehabilitation Airfield Pavement Rehabilitation on Taxiway F. This is a cash flow project using FY18 and FY19 entitlement state commercial service funds with \$12,540,193 from Fiscal Year 2019. [3650]. WBS 36244.54.18.1

ITEM I-4 SUMMARY – 1 PROJECT – (TOTAL STATE COST) \$ 31,000,000

**Project selection and approval for award. Cost is estimated. Only eligible cost within the project scope of work will be reimbursed.

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Camden/ Currituck Cos. Div. 1 R-5717 DIVISION	WBS 50213.1.1 SR 1227 / SR 1208 (South Mills Road) / SR 1224 / SR 1223 (Old Swamp Road) from NC 343 in Camden County to the proposed NC 168 Bypass in Currituck County. \$796,427.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$160,000.00
Camden/ Pasquotank Cos. Div. 1 R-5856 DIVISION	WBS 47544.1.1 US 17 (Future I-87) from US 17/US 158 north of Elizabeth City to Virginia State Line. Initial funds are requested for preliminary engineering.	\$10,000.00
Northampton Co. Div. 1 I-5931 STATEWIDE	WBS 45938.1.1 I-95 from the Halifax County Line (Milemarker 173.9) to the Virginia State Line (Milemarker 181.4). Initial funds are requested for preliminary engineering.	\$10,000.00
Perquimans Co. Div. 1 R-4458 DIVISION	WBS 35746.1.2 US 17 at SR 1300 (New Hope Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Perquimans Co. Div. 1 R-4459 STATEWIDE	WBS 46956.1.1 US 17 from SR 1336 (Harvey Point Road) and SR 1338 (Wayne Fork Road). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Jones Co. Div. 2 R-2514C STATEWIDE	WBS 34442.2.4 US 17 from North of Maysville to South of NC 58 near Pollocksville. \$10,062,424.00 has previously been approved for right of way and utilities. Additional funds are requested for land acquisition settlements. This project has previously been identified as a Trust Fund Intrastate System project. This is a Strategic Transportation Investments Transition	\$700,000.00
Lenoir Co. Div. 2 R-5703 REGIONAL	WBS 46375.2.2 NC 148 (Harvey Parkway) from NC 58 to NC 11. Initial funds are requested for utilities.	\$6,950,000.00
Pitt Co. Div. 2 U-5952 REGIONAL	WBS 44996.1.1 Greenville signal system. Initial funds are requested for preliminary engineering.	\$10,000.00
Wayne/ Greene Cos. Div. 2/4 R-5853 DIVISION	WBS 47541.1.1 US 13 from SR 1572 (Saulston Road) to SR 1700 (Rodell Barrow Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Brunswick Co. Div. 3 AV-5739 DIVISION	WBS 46333.1.1 Cape Fear Regional Airport approach clearing at Runway 5 and Runway 23. \$62,000.00 has previously been approved preliminary engineering. Additional funds are requested.	\$56,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Edgecombe Co. Div. 4 B-5952 REGIONAL	WBS 45986.1.1 Replace bridge 51 over Tar River on NC 97. Initial funds are requested for preliminary engineering.	\$10,000.00
Edgecombe Co. Div. 4 B-5960 DIVISION	WBS 47223.1.1 Replace bridge 67 over Otter Creek on SR 1109 (South Fountain Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Halifax Co. Div. 4 I-5932 STATEWIDE	WBS 45873.1.1 I-95 from south of NC 481 (Milemarker 153.2) to Northampton County Line (Milemarker 173.9). Initial funds are requested for preliminary engineering.	\$10,000.00
Halifax Co. Div. 4 R-3822A DIVISION	WBS 37765.2.3 New location facility just west of I-95 from just south of proposed bridge at Chockoyotte Creek (R-3822B) to NC 125. Initial funds are requested for full right of way and utilities.	\$1,372,000.00
Johnston Co. Div. 4 U-5943 REGIONAL	WBS 45862.1.1 Clayton Signal System. Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Johnston Co. Div. 4 U-5998 DIVISION	WBS 47135.1.1 NC 42 from SR 1003 (Buffalo Road) to Wilson County Line. Initial funds are requested for preliminary engineering.	\$10,000.00
Nash Co. Div. 4 B-5947 REGIONAL	WBS 45983.1.1 Replace bridge 91 over Tar River on NC 581. Initial funds are requested for preliminary engineering.	\$10,000.00
Nash Co. Div. 4 B-5970 DIVISION	WBS 47232.1.1 Replace bridge 187 over Little Sapony Creek on SR 1001 (Old Bailey Highway). Initial funds are requested for preliminary engineering.	\$10,000.00
Nash Co. Div. 4 I-5933 STATEWIDE	WBS 45875.1.1 I-95 from Wilson County Line (Milemarker 124.6) to the north of NC 97 (Milemarker 127.6) Initial funds are requested for preliminary engineering.	\$10,000.00
Nash Co. Div. 4 I-5934 STATEWIDE	WBS 45876.1.1 I-95 from SR 1770 (Sunset Avenue) (Milemarker 137.4) to SR 1544 (North Halifax Road) (Milemarker 142.1). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wilson Co. Div. 4 B-5966 DIVISION	WBS 47228.1.1 Replace bridge 96 over tributary of Town Creek on SR 1400 (Rock Quarry Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Wilson Co. Div. 4 I-5936 STATEWIDE	WBS 45878.1.1 I-95 from Johnston County Line (Milemarker 108.2) to north of SR 1116 (Governor Hunt Road) (Milemarker 114.5). Initial funds are requested for preliminary engineering.	\$10,000.00
Wilson Co. Div. 4 U-5945 REGIONAL	WBS 45863.1.1 Wilson City Signal System. Initial funds are requested for preliminary engineering.	\$10,000.00
Harnett/ Johnston/ Cumberland Cos. Divs. 4/6 I-5986 STATEWIDE	WBS 47532.1.1 I-95 from I-95 Business/ US 301 (Exit 56) to I-40 (Exit 81). Initial funds are requested for preliminary engineering.	\$10,000.00
Durham/ Durham Co. Div. 5 I-5941 STATEWIDE	WBS 45884.1.1 I-85 from Orange County Line to US 15 / US 501 in Durham. Initial funds are requested for preliminary engineering.	\$10,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Durham/ Granville Cos. Div. 5 I-5942 STATEWIDE	WBS 45885.1.1 I-85 / US 15 from north of SR 1827 (Midland Terrace) in Durham County to north of NC 56 in Granville County. Initial funds are requested for preliminary engineering.	\$10,000.00
Durham/ Wake Cos. Div. 5 I-5982 STATEWIDE	WBS 47528.1.1 I-540 from I-40 in Durham to I-495 / US 64 / US 264 in Knightdale. Initial funds are requested for preliminary engineering.	\$10,000.00
Durham Co. Div. 5 U-6067 STATEWIDE	WBS 47492.1.1 US 15 / US 501 from I-40 to US 15 / US 501 Business in Durham. Initial funds are requested for preliminary engineering.	\$10,000.00
Person Co. Div. 5 AV-5818 DIVISION	WBS 47174.1.1 Person County Executive Airport (TDF) - extend runway to total length of 7000 Ft., construct taxiway extension and relocate SR 1311 (Cates Mill Road). Initial funds are requested for preliminary engineering.	\$1,123,000.00
Raleigh/ Wake Co. Div. 5 I-5943 STATEWIDE	WBS 45886.1.1 I-40 from SR 1728 (Wade Avenue) to I-440 / US 1 in Raleigh. Initial funds are requested for preliminary engineering.	\$10,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 I-5944 STATEWIDE	WBS 45889.1.1 I-495 / US 64 / US 264 from I 440 in Raleigh to I-540 in Knightdale. Initial funds are requested for preliminary engineering.	\$10,000.00
Wake Co. Div. 5 I-5945 STATEWIDE	WBS 45890.1.1 I-540 from Triangle Towne Center Boulevard in Raleigh to I-495 / US 64 / US 264 in Knightdale. Initial funds are requested for preliminary engineering.	\$10,000.00
Wake Co. Div. 5 R-5705C REGIONAL	WBS 46377.1.4 NC 55 south of SR 2791 (Kennebec Church Road) to SR 4809 (Jicarilla Lane). Initial funds are requested for preliminary engineering.	\$10,000.00
Raleigh/ Wake Co. Div. 5 U-4432 DIVISION	WBS 35029.2.1 SR 1370 (Tryon Road) from west of Bridge No. 259 over the Norfolk Southern Railway to US 70-401/NC 50 (Wilmington Street). \$3,505,000.00 has previously been approved for right of way and utilities. Additional funds are requested. This project has previously been identified as a Trust Fund Specific State Funds for Construction project. This is a Strategic Transportation Investments Transition project.	\$500,000.00
Wake Co. Div. 5 U-5828 DIVISION	WBS 44401.3.1 McCrimmon Parkway from SR 3015 (Airport Boulevard) to SR 1002 (Aviation Parkway) in Morrisville. Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published October 31, 2017. This is a Cash Flow project with \$5,935,000.00 in SFY 18 and SFY 19.	\$11,870,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 U-5889 DIVISION	WBS 44707.1.1 SR 1115 (Avent Ferry Road) from SR 1116 (Cass Holt Road) to NC 55 Bypass in Holly Springs. Initial funds are requested for preliminary engineering.	\$10,000.00
Wake Co. Div. 5 U-6066 STATEWIDE	WBS 47491.1.1 US 1 from NC 55 in Apex to US 64 in Cary. Initial funds are requested for preliminary engineering.	\$10,000.00
Bladen Co. Div. 6 B-5945 STATEWIDE	WBS 45931.1.1 Replace bridge 14 over Hammond Creek on NC 87. Initial funds are requested for preliminary engineering.	\$10,000.00
Cumberland Co. Div. 6 I-5986A STATEWIDE	WBS 47532.1.2 I-95 from I-95 Business (Exit 56) to SR 1002 (Long Branch Road - Exit 71). Initial funds are requested for preliminary engineering.	\$10,000.00
Cumberland/ Robeson Cos. Div. 6 I-5987 REGIONAL	WBS 47533.1.1 I-95 from US 301 (Exit 22) to I-95 Business/US 301 (Exit 40). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland/ Robeson Co. Div. 6 U-2519F STATEWIDE	WBS 34817.1.20 Fayetteville Outer Loop. Initial funds are requested for preliminary engineering.	\$10,000.00
Cumberland Co. Div. 6 U-4414 REGIONAL	WBS 39054.1.2 SR 1007 (All American Freeway) from SR 1151 (Owen Drive) to north of SR 1437 (Santa Fe Drive). Initial funds are requested for preliminary engineering.	\$10,000.00
Cumberland Co. Div. 6 U-5930 STATEWIDE	WBS 45940.1.1 NC 24 (North Bragg Boulevard) at SR 1451 (Manchester Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Cumberland Co. Div. 6 U-6072A DIVISION	WBS 47497.1.2 SR 1112 (Rockfish Road) from Strickland Bridge Road to Camden Road. Initial funds are requested for preliminary engineering.	\$2,500,000.00
Cumberland Co. Div. 6 U-6072B DIVISION	WBS 47497.1.3 SR 1112 (Rockfish Road) from Camden Road to Golfview Road. Initial funds are requested for preliminary engineering.	\$2,000,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland Co. Div. 6 U-6073 DIVISION	WBS 47517.1.1 Fisher Road from Strickland Bridge Road to NC 162 (Bingham Drive). Initial funds are requested for preliminary engineering.	\$10,000.00
Harnett Co. Div. 6 R-5705D REGIONAL	WBS 46377.1.5 NC 55 from SR 4809 (Jicarilla Lane) to NC 42 in Fuquay - Varina. Initial funds are requested for preliminary engineering.	\$10,000.00
Robeson Co. Div. 6 I-5939 STATEWIDE	WBS 45882.1.1 I-95 from the South Carolina State Line (Milemarker 0.0) to SR 1155 (East Dew Road) (Milemarker 5.5) Initial funds are requested for preliminary engineering.	\$10,000.00
Hoke/ Cumberland Cos. Divs. 6/8 U-6051 DIVISION	WBS 46997.1.1 SR 1003 (Camden Road) from SR 1406 (Rockfish Road) in Hoke County to Fayetteville Loop (proposed I-295) in Cumberland County. Initial funds are requested for preliminary engineering.	\$10,000.00
Orange Co. Div. 7 I-5983 STATEWIDE	WBS 47529.1.1 I-85 from west of SR 1713 to Durham County Line. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Orange Co. Div. 7 U-5304 STATEWIDE	WBS 48001.1.1 US 15 / US 501 (Fordham Boulevard) from NC 86 (South Columbia Street) to I-40 in Chapel Hill. Initial funds are requested for preliminary engineering.	\$10,000.00
Kernersville/ Forsyth/ Guilford Cos. Divs. 7/9 U-6068 STATEWIDE	WBS 47493.1.1 US 421 (Salem Parkway) from future I-74 in Kernersville to I-40 in Guilford County. Initial funds are requested for preliminary engineering.	\$10,000.00
Montgomery Co. Div. 8 R-5826C DIVISION	WBS 47098.1.4 NC 109 from SR 1174 (Pee Dee Road) to NC 24 / NC 27. Initial funds are requested for preliminary engineering.	\$300,000.00
Davidson/ Montgomery/ Randolph Cos. Divs. 8/9 R-5844 DIVISION	WBS 47086.1.1 NC 109 from NC 24 / NC 27 in Troy to NC 47 in Denton. Initial funds are requested for preliminary engineering.	\$10,000.00
Davidson Co. Div. 9 AV-5749 DIVISION	WBS 46343.2.1 Davidson County Airport. Install 6 medium intensity runway approach lighting systems with runway alignment indicator lights across I-85, including interchange lighting. \$680,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$214,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Davidson Co. Div. 9 I-5950 STATEWIDE	WBS 45897.1.1 I-85 from US 29 / US 52 / US 70 / Business 85 to north of SR 2205 (Old US 64). Initial funds are requested for preliminary engineering.	\$10,000.00
Davidson Co. Div. 9 I-5951 STATEWIDE	WBS 45899.1.1 I-85 from NC 109 in Thomasville to Randolph County Line. Initial funds are requested for preliminary engineering.	\$10,000.00
Davidson/ Davie Cos. Div. 9 R-5862 REGIONAL	WBS 47549.1.1 US 64 from US 601 south of Mocksville to US 29 / US 52 / US 70 / Business 85 in Lexington. Initial funds are requested for preliminary engineering.	\$10,000.00
Winston- Salem/ Forsyth Co. Div. 9 B-5950 REGIONAL	WBS 45985.1.1 Replace bridge 7 over Salem Creek in Winston-Salem on NC 67 (Westbound Silas Creek Parkway). Initial funds are requested for preliminary engineering.	\$10,000.00
Forsyth Co. Div. 9 I-5952 STATEWIDE	WBS 45901.1.1 I-40 from SR 1101 (Harper Road) in Clemmons to east of US 421 / Business 40 in Winston - Salem. Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Forsyth/ Guilford Cos. Divs. 7/9 I-5981 STATEWIDE	WBS 47527.1.1 I-40 from I-74 / US 311 in Winston Salem to US 421/ Business 40 in Guilford County. Initial funds are requested for preliminary engineering.	\$10,000.00
Lewisville/ Forsyth Co. Div. 9 U-5536 DIVISION	WBS 44108.1.2 Great Wagon Road from SR 1001 (Shallowford Road) to SR 1308 (Lewisville-Vienna Road). Initial funds are requested for preliminary engineering. Project is being shifted from Federal funding on WBS 44108.1.F1 to State funding.	\$596,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-6074 REGIONAL	WBS 47498.1.1 US 421 at SR 1122 (Jonestown Road) in Winston-Salem. Initial funds are requested for preliminary engineering.	\$10,000.00
Rowan Co. Div. 9 R-5860 DIVISION	WBS 47548.1.1 US 52 - proposed Misenheimer Bypass to proposed Rockwell Bypass. Initial funds are requested for preliminary engineering.	\$10,000.00
Rowan Co. Div. 9 U-5820B DIVISION	WBS 44392.1.2 New route - SR 1006 (Faith Road) to US 52 (East Innes Street) in Salisbury. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rowan Co. Div. 9 U-6075 REGIONAL	WBS 47518.1.1 US 52 - Granite Quarry Bypass. Initial funds are requested for preliminary engineering.	\$10,000.00
Cabarrus Co. Div. 10 U-5806 DIVISION	WBS 44378.3.1 Intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 - Kings Grant Pavilion. Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published October 31, 2017.	\$7,400,000.00
Mecklenburg Co. Div. 10 I-5797 STATEWIDE	WBS 50441.1.1 I-85 from I-77 to Milemarker 42.1. Initial funds are requested for preliminary engineering.	\$35,000.00
Mecklenburg Co. Div. 10 I-5826 STATEWIDE	WBS 50469.1.1 I-85 from Milemarker 42.1 to Milemarker 46.3. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-5827 STATEWIDE	WBS 50470.1.1 I-485 from Idlewild Road to US 74. Initial funds are requested for preliminary engineering.	\$300,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 I-5828 STATEWIDE	WBS 50471.1.1 I-485 from I-77 to 1.1 miles north of I-77 / US 21. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-5837 STATEWIDE	WBS 53043.1.1 I-85 from Gaston County Line to 0.7 miles north of Gaston County Line. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-5860 STATEWIDE	WBS 53063.1.1 I-85 from SR 2472 W. Mallard Creek Church Road) to 0.8 mile north of SR 2467 (Mallard Creek Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-5861 STATEWIDE	WBS 53064.1.1 I-485 from 0.3 mile east of SR 2042 (Oakdale Road) to 0.2 mile east of NC 115. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-5902 STATEWIDE	WBS 45869.1.1 I-485 from SR 1786 to NC 27. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 I-5903 STATEWIDE	WBS 45872.1.1 I-485 from SR 1601 to 1 mile north of SR 1601. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-5904 STATEWIDE	WBS 45887.1.1 I-485 from Milemarker 43 to Milemarker 49. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-5905 STATEWIDE	WBS 45888.1.1 I-85 from 0.2 mile west of NC 16 (Brookshire Boulevard) to I-77. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-5906 STATEWIDE	WBS 45891.1.1 I-85 from I-77 to US 29/49 Connector. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 R-0211EC DIVISION	WBS 34331.1.12 I-485 (Charlotte Outer Loop) at SR 3468 (Weddington Road). Initial funds are requested for preliminary engineering.	\$10,000.00

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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. \$1,422,766.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are requested for advanced acquisition of Specific Parcel 901 (Property of Richard Russell) for \$150,000.00.	\$150,000.00
Mecklenburg Co. Div. 10 U-5765 REGIONAL	WBS 50178.1.1 NC 73 (Sam Furr Road) from SR 5544 (West Catawba Avenue) to SR 2316 (Northcross Avenue). Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 U-6084 REGIONAL	WBS 47618.1.1 NC 16 (Brookshire Boulevard) at SR 2004 (Mount Holly Huntersville Road). Initial funds are requested for preliminary engineering.	\$1,110,000.00
Union Co. Div. 10 B-5949 REGIONAL	WBS 45984.1.1 Replace bridge 53 over Stewarts Creek on NC 200. Initial funds are requested for preliminary engineering.	\$10,000.00
Union Co. Div. 10 U-5764 REGIONAL	WBS 50177.1.1 US 74 from Hanover Drive to SR 1007 (Rocky River Road). \$322,324.00 has previously been approved for preliminary engineering. Additional funds are requested for design work.	\$1,800,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Union Co. Div. 10 U-5931 STATEWIDE	WBS 45941.1.1 US 74 at intersection of US 74 and Secrest Shortcut Road. Initial funds are requested for preliminary engineering.	\$450,000.00
Avery/ Watauga Cos. Div. 11 R-2566 STATEWIDE	WBS 37512.1.1 NC 105 from US 221 to SR 1107 (NC 105 Bypass) in Boone. \$3,203,977.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. WBS will be closed. This project has previously been identified as a Trust Fund Intrastate System project.	\$123,941.31
Surry Co. Div. 11 B-5971 DIVISION	WBS 47233.1.1 Replace bridge 387 over Elkin Creek on SR 1149 (Elk Spur Street). Initial funds are requested for preliminary engineering.	\$10,000.00
Surry Co. Div. 11 I-5907 STATEWIDE	WBS 45893.1.1 I-74 from I-77 to US 601. Initial funds are requested for preliminary engineering.	\$10,000.00
Surry Co. Div. 11 I-5909 STATEWIDE	WBS 45902.1.1 I-77 from Milemarker 86.9 to Milemarker 91. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Surry Co. Div. 11 I-5910 STATEWIDE	WBS 45903.1.1 I-77 from Milemarker 95 to Milemarker 99. Initial funds are requested for preliminary engineering.	\$10,000.00
Surry/ Yadkin Cos. Div. 11 I-5912 STATEWIDE	WBS 45905.1.1 I-77 from US 21 in Yadkin County (Exit 79) to Milemarker 83.4 in Surry County. Initial funds are requested for preliminary engineering.	\$500,000.00
Watauga Co. Div. 11 B-5829 STATEWIDE	WBS 45782.1.1 Replace bridge 5 over the Watauga River on NC 105. Initial funds are requested for preliminary engineering.	\$10,000.00
Wilkes Co. Div. 11 B-5951 DIVISION	WBS 47216.1.1 Replace bridge 730 over Yadkin River on SR 1185 (Curtis Bridge Road) Initial funds are requested for preliminary engineering.	\$10,000.00
Wilkes Co. Div. 11 R-0616 DIVISION	WBS 34349.1.2 New route - Wilkesboro and North Wilkesboro Bypass from NC 18 to US 421. Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Yadkin Co. Div. 11 I-5864 STATEWIDE	WBS 53067.1.1 I-77 from Milemarker 71.8 to Milemarker 75.8. Initial funds are requested for preliminary engineering.	\$10,000.00
Yadkin Co. Div. 11 I-5911 STATEWIDE	WBS 45904.1.1 I-77 from Iredell County Line to Milemarker 71.8. Initial funds are requested for preliminary engineering.	\$10,000.00
Alexander Co. Div. 12 B-5954 REGIONAL	WBS 45987.1.1 Replace bridge 1 over Duck Creek on NC 127. Initial funds are requested for preliminary engineering.	\$10,000.00
Catawba Co. Div. 12 I-5914 STATEWIDE	WBS 45918.1.1 I-40 from Burke County Line to Milemarker 129.3. Initial funds are requested for preliminary engineering.	\$10,000.00
Cleveland Co. Div. 12 B-5946 DIVISION	WBS 47215.1.1 Replace bridge 40 over Potts Creek on SR 1001 (Oak Grove Road). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cleveland Co. Div. 12 I-5916 STATEWIDE	WBS 45920.1.1 I-85 from South Carolina Line to Gaston County Line. Initial funds are requested for preliminary engineering.	\$10,000.00
Gaston Co. Div. 12 I-5921 STATEWIDE	WBS 45928.1.1 I-85 from Cleveland County Line to Milemarker 14. Initial funds are requested for preliminary engineering.	\$10,000.00
Iredell Co. Div. 12 I-5772 STATEWIDE	WBS 53013.1.1 I-40 from 1.4 miles east of I-77 to SR 2167 (Ward Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Iredell Co. Div. 12 I-5804 STATEWIDE	WBS 50447.1.1 I-40 from SR 1639 (Meacham Road) to 0.3 mile east of US 21. Initial funds are requested for preliminary engineering.	\$10,000.00
Iredell Co. Div. 12 I-5805 STATEWIDE	WBS 50448.1.1 I-40 from SR 2167 (Ward Road) to Davie County Line. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Iredell Co. Div. 12 I-5813 STATEWIDE	WBS 50456.1.1 I-77 from 0.3 mile north of SR 2321 (East Broad Street) to SR 1892 (Jennings Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Iredell Co. Div. 12 I-5917 STATEWIDE	WBS 45922.1.1 I-40 from Milemarker 139.3 to US 64. Initial funds are requested for preliminary engineering.	\$10,000.00
Iredell Co. Div. 12 I-5918 STATEWIDE	WBS 45924.1.1 I-77 from Milemarker 39.2 to Milemarker 40.8. Initial funds are requested for preliminary engineering.	\$10,000.00
Iredell Co. Div. 12 I-5919 STATEWIDE	WBS 45926.1.1 I-77 from SR 1892 (Jennings Road) to Milemarker 56.8. Initial funds are requested for preliminary engineering.	\$10,000.00
Iredell Co. Div. 12 I-5920 STATEWIDE	WBS 45927.1.1 I-77 from Milemarker 58.9 to Yadkin County Line. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 B-5953 DIVISION	WBS 47217.1.1 Replace bridge 649 over French Broad River and Southern Railroad on SR 1002 (Old Leicester Highway) Initial funds are requested for preliminary engineering.	\$10,000.00
Buncombe Co. Div. 13 I-5901 STATEWIDE	WBS 45868.1.1 I-240 from Milemarker 4 to Milemarker 9. Initial funds are requested for preliminary engineering.	\$10,000.00
Buncombe Co. Div. 13 U-3403 REGIONAL	WBS 34936.1.5 NC 191 (Brevard Road - Old Haywood Road) from NC 280 (Boylston Highway) to NC 112 (Sardis Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Madison Co. Div. 13 I-5831 STATEWIDE	WBS 53037.1.1 I-26 from Milemarker 4 to Milemarker 9. Initial funds are requested for preliminary engineering.	\$10,000.00
Madison Co. Div. 13 I-5867 STATEWIDE	WBS 53070.1.1 I-26 from Tennessee State Line to Milemarker 4. Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT December 2017 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
McDowell Co. Div. 13 I-5900 STATEWIDE	WBS 45867.1.1 I-40 from Milemarker 73 to Milemarker 86. Initial funds are requested for preliminary engineering.	\$10,000.00
Haywood Co. Div. 14 I-5922 STATEWIDE	WBS 45930.1.1 I-40 from Tennessee State Line to Milemarker 7. Initial funds are requested for preliminary engineering.	\$10,000.00
Haywood Co. Div. 14 I-5923 STATEWIDE	WBS 45932.1.1 I-40 from Milemarker 7 to Milemarker 15. Initial funds are requested for preliminary engineering.	\$10,000.00
Haywood Co. Div. 14 I-5924 STATEWIDE	WBS 45933.1.1 I-40 from Milemarker 15 to Milemarker 20.5. Initial funds are requested for preliminary engineering.	\$10,000.00
Haywood Co. Div. 14 I-5928 STATEWIDE	WBS 45937.1.1 I-40 from Milemarker 34 to Buncome County Line. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Henderson Co. Div. 14 I-5925 STATEWIDE	WBS 45934.1.1 I-26 from Milemarker 50 to Polk County Line. Initial funds are requested for preliminary engineering.	\$10,000.00
Henderson Co. Div. 14 U-5840 DIVISION	WBS 50231.2.1 SR 1545 (Old Airport Road) from US 25 to Mills Gap Road. \$100,000.00 has previously been approved for right of way. Additional funds are requested.	\$800,000.00
Polk Co. Div. 14 I-5927 STATEWIDE	WBS 45936.1.1 I-26 from Milemarker 65 to South Carolina State Line. Initial funds are requested for preliminary engineering.	\$10,000.00
Polk Co. Div. 14 R-5756 DIVISION	WBS 46441.1.1 Realignment of SR 1326 (Pea Ridge Road) and John Sheehan Road and construction of a roundabout at the intersection with US 74. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$82,000.00
Cabarrus/ Rowan Cos. Divs. 9/10 U-5614 DIVISION	WBS 50243.1.1 Cabarrus - Rowan Metropolitan Planning Organization. Initial funds are requested for preliminary engineering.	\$10,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	71 PROJECTS	\$2,898,941.31
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	20 PROJECTS	\$10,030,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	34 PROJECTS	\$29,173,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	125 PROJECTS	\$42,101,941.31

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

L-1

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Hertford/ Perquimans Co. Div. 1 SS-4901BD	WBS 47641.3.1 US 17 Business (Edenton Street) at SR 1338 (Wynne Fork Road) and SR 1107 (Ballahack Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 01-17-47929C	\$33,900.00
Plymouth/ Washington Co. Div. 1 SS-4901BC	WBS 47640.3.1 US 64 at NC 32 and SR 1357 (Washington Street). Initial Spot Safety construction funds are needed for intersection and pedestrian improvements, and traffic signal and pavement marking revisions. File 01-17-45289C	\$86,216.00
Kinston/ Lenoir Co. Div. 2 SS-4902CO	WBS 47642.3.1 US 70 (West Vernon Avenue) at SR 1548 (Hill Farm Road)/Sussex Street. Initial Spot Safety construction funds are needed for turn lane and island construction. File 02-15-34143C	\$220,320.00
Kinston/ Lenoir Co. Div. 2 SS-4902CO	WBS 47642.2.1 US 70 (West Vernon Avenue) at SR 1548 (Hill Farm Road)/Sussex Street. Initial Spot Safety right of way and utilities funds are needed for turn lane and island construction. File 02-15-34143R	\$4,500.00
Lenoir Co. Div. 2 SS-4902CP	WBS 47644.3.1 NC 11 at SR 1121 (Gray Branch Church Road/Davis Mill Road). Initial Spot Safety construction funds are needed for island construction, signing, and pavement marking revisions. File 02-17-45696C	\$33,679.00

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

L-2

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Hanover Co. Div. 3 SS-4903DF	WBS 47645.3.1 NC 133 (Castle Hayne Road) at SR 1329 (Oakley Road). Initial Spot Safety construction funds are needed for traffic signal and median installation. File 03-17-48082C	\$219,600.00
New Hanover Co. Div. 3 SS-4903DF	WBS 47645.2.1 NC 133 (Castle Hayne Road) at SR 1329 (Oakley Road). Initial Spot Safety right of way and utilities funds are needed for traffic signal and median installation. File 03-17-48082R	\$900.00
Wilmington/ New Hanover Co. Div. 3 SS-4903DH	WBS 47647.3.1 US 117/NC 132 (College Rd) and SR 2313 (Wilshire Boulevard). Initial Spot Safety construction funds are needed for traffic signal revisions. File 03-17-46900C	\$52,290.00
Onslow Co. Div. 3 SS-4903DG	WBS 47646.3.1 US 258/NC 24 and SR 1238 (Koonce Fork Road) & Richlands Primary School. Initial Spot Safety construction funds are needed for traffic signal revisions. File 03-17-47760C	\$27,000.00
Nash Co. Div. 4 SS-4904EJ	WBS 47648.3.1 NC 58 at SR 1004 (Taylor's Store Road). Initial Spot Safety construction funds are needed for intersection realignment and sight distance improvements. File 04-16-45245C	\$27,000.00

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

L-3

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Durham/ Durham Co. Div. 5 SM-5705I	WBS 47709.3.1 US 70 Business (Hillsborough Road) at US 15/501 SB Ramp. Initial Spot Mobility construction funds are needed for widening and turn lane construction. File 05-17-8011C	\$350,000.00
Durham/ Durham Co. Div. 5 SM-5705I	WBS 47709.1.1 US 70 Business (Hillsborough Road) at US 15/501 SB Ramp. Initial Spot Mobility preliminary engineering funds are needed for widening and turn lane construction. File 05-17-8011P	\$35,000.00
Durham/ Durham Co. Div. 5 SM-5705I	WBS 47709.2.1 US 70 Business (Hillsborough Road) at US 15/501 SB Ramp. Initial Spot Mobility right of way and utilities funds are needed for widening and turn lane construction. File 05-17-8011R	\$5,000.00
Durham Co. Div. 5 SM-5705K	WBS 47711.2.1 US 70 at SR 1906 (Leesville Rd). Initial Spot Mobility right of way and utilities funds are needed for turn lane construction. File 05-17-6501R	\$30,000.00
Durham Co. Div. 5 SM-5705K	WBS 47711.1.1 US 70 at SR 1906 (Leesville Rd). Initial Spot Mobility preliminary engineering funds are needed for turn lane construction. File 05-17-6501P	\$60,000.00

December 7, 2017

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

L-4

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Durham Co. Div. 5 SM-5705K	WBS 47711.3.1 US 70 at SR 1906 (Leesville Rd). Initial Spot Mobility construction funds are needed for turn lane construction. File 05-17-6501C	\$395,000.00
Durham/ Durham Co. Div. 5 SS-4905DU	WBS 44932.2.1 US 70 Bus. (Hillsborough Road) at US 15-501 Southbound ramp. \$3,000.00 in right of way and utilities funds has previously been approved for turn lane installation. Project to be constructed under SM-5705B. Delete project and reduce funds. File 05-15-6714-1	-\$3,000.00
Durham/ Durham Co. Div. 5 SS-4905DU	WBS 44932.3.1 US 70 Bus. (Hillsborough Road) at US 15-501 Southbound ramp. \$117,000.00 in construction funds has previously been approved for turn lane installation. Project to be constructed under SM-5705B. Delete project and reduce funds. File 05-15-6714-2	-\$117,000.00
Vance Co. Div. 5 SS-4905FE	WBS 47668.3.1 SR 1148 (Vanco Mill Road) at SR 1538 (Garrett Road)/US 1 Northbound ramp. Initial Spot Safety construction funds are needed for traffic signal installation. File 05-17-8013C	\$67,500.00
Wake Co. Div. 5 SM-5705H	WBS 47707.2.1 SR 1010 (Ten Ten Road) at SR 2723 (Fanny Brown Road). Initial Spot Mobility right of way and utilities funds are needed for turn lane construction and traffic signal installation. File 05-09-205R	\$25,000.00

December 7, 2017

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

L-5

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 SM-5705H	WBS 47707.1.1 SR 1010 (Ten Ten Road) at SR 2723 (Fanny Brown Road). Initial Spot Mobility preliminary engineering funds are needed for turn lane construction and traffic signal installation. File 05-09-205P	\$45,000.00
Wake Co. Div. 5 SM-5705H	WBS 47707.3.1 SR 1010 (Ten Ten Road) at SR 2723 (Fanny Brown Road). Initial Spot Mobility construction funds are needed for turn lane construction and traffic signal installation. File 05-09-205C	\$339,000.00
Raleigh/ Wake Co. Div. 5 SM-5705J	WBS 47710.3.1 SR 1647 (Ebenezer Church Road) at SR 1837 (Westgate Road). Initial Spot Mobility construction funds are needed for turn lane construction. File 05-17-8010C	\$350,000.00
Raleigh/ Wake Co. Div. 5 SM-5705J	WBS 47710.2.1 SR 1647 (Ebenezer Church Road) at SR 1837 (Westgate Road). Initial Spot Mobility right of way and utilities funds are needed for turn lane construction. File 05-17-8010R	\$20,000.00
Raleigh/ Wake Co. Div. 5 SM-5705J	WBS 47710.1.1 SR 1647 (Ebenezer Church Road) at SR 1837 (Westgate Road). Initial Spot Mobility preliminary engineering funds are needed for turn lane construction. File 05-17-8010P	\$50,000.00

December 7, 2017

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

L-6

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 SS-4905ED	WBS 44958.3.1 SR 1006 (Old Stage Road) at SR 1010 (Ten Ten Road). \$243,000.00 in construction funds has previously been approved for turn lane construction. Project to be constructed under SM-5705D. Delete project and reduce funds. File 05-16-2004-3	-\$243,000.00
Wake Co. Div. 5 SS-4905ED	WBS 44958.2.1 SR 1006 (Old Stage Road) at SR 1010 (Ten Ten Road). \$63,000.00 in right of way and utilities funds has previously been approved for turn lane construction. Project to be constructed under SM-5705D. Delete project and reduce funds. File 05-16-2004-2	-\$63,000.00
Cary/ Wake Co. Div. 5 SS-4905FC	WBS 47666.3.1 SR 1624 (Carpenter Fire Station Road) at Yates Store Road. Initial Spot Safety construction funds are needed for traffic signal installation. File 05-17-5131C	\$126,000.00
Raleigh/ Wake Co. Div. 5 SS-4905FD	WBS 47667.3.1 SR 1839 (Leesville Road) at SR 1840 (Hickory Grove Church Road). Initial Spot Safety construction funds are needed for traffic signal revisions. File 05-17-6457C	\$9,000.00
Bladen Co. Div. 6 SS-4906DD	WBS 47669.3.1 NC 41 at NC 410. Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-17-47809C	\$24,300.00

December 7, 2017

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

L-7

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Columbus Co. Div. 6 SS-4906DE	WBS 47670.3.1 US 74 at SR 1506 (Old Boardman Road/Macedonia Church Road). Initial Spot Safety construction funds are needed for shoulder mounted actuated flasher installation and pavement marking and signing revisions. File 06-17-47752C	\$40,500.00
Columbus Co. Div. 6 SS-4906DG	WBS 47673.3.1 SR 1002 (Old Lumberton Road) at SR 1005 (Peacock Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-17-47805C	\$3,600.00
Fayetteville/ Cumberland Co. Div. 6 SM-5706A	WBS 47713.2.1 SR 1400 (Cliffdale Road) at SR 1410 (Bunce Road). Initial Spot Mobility right of way and utilities funds are needed for traffic signal and pavement marking revisions. File 06-17-48695R	\$2,000.00
Fayetteville/ Cumberland Co. Div. 6 SM-5706A	WBS 47713.1.1 SR 1400 (Cliffdale Road) at SR 1410 (Bunce Road). Initial Spot Mobility preliminary engineering funds are needed for traffic signal and pavement marking revisions. File 06-17-48695P	\$10,000.00
Fayetteville/ Cumberland Co. Div. 6 SM-5706A	WBS 47713.3.1 SR 1400 (Cliffdale Road) at SR 1410 (Bunce Road). Initial Spot Mobility construction funds are needed for traffic signal and pavement marking revisions. File 06-17-48695C	\$118,000.00

December 7, 2017

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

L-8

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Fayetteville/ Cumberland Co. Div. 6 SS-4906DF	WBS 47671.2.1 NC 24/87 (Bragg Boulevard) at Mike Street and Johnson Street. Initial Spot Safety right of way and utilities funds are needed for signalized crosswalk construction and other pedestrian improvements. File 06-17-47747R	\$18,000.00
Fayetteville/ Cumberland Co. Div. 6 SS-4906DF	WBS 47671.3.1 NC 24/87 (Bragg Boulevard) at Mike Street and Johnson Street. Initial Spot Safety construction funds are needed for signalized crosswalk construction and other pedestrian improvements. File 06-17-47747C	\$148,500.00
Erwin/ Harnett Co. Div. 6 SS-4906DH	WBS 47674.3.1 US 421 (East Jackson Boulevard) at SR 1703 (Red Hill Church Road/Masonic Road). Initial Spot Safety construction funds are needed for installation of "Prepare to Stop when Flashing" warning signs, near side signal heads, and signal ahead warning signs. File 06-17-47754C	\$25,200.00
Erwin/ Harnett Co. Div. 6 SS-4906DH	WBS 47674.2.1 US 421 (East Jackson Boulevard) at SR 1703 (Red Hill Church Road/Masonic Road). Initial Spot Safety right of way and utilities funds are needed for installation of "Prepare to Stop when Flashing" warning signs, near side signal heads, and signal ahead warning signs. File 06-17-47754R	\$1,800.00
Alamance Co. Div. 7 SS-4907CB	WBS 47675.2.1 SR 1530 (Birch Bridge Road) at SR 1515 (Flora Avenue) north of Burlington. Initial Spot Safety right of way and utilities funds are needed for traffic signal installation. File 07-16-678R	\$58,500.00

December 7, 2017

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

L-9

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Alamance Co. Div. 7 SS-4907CB	WBS 47675.3.1 SR 1530 (Birch Bridge Road) at SR 1515 (Flora Avenue) north of Burlington. Initial Spot Safety construction funds are needed for traffic signal installation. File 07-16-678C	\$9,000.00
High Point/ Guilford Co. Div. 7 SS-4907CC	WBS 47676.2.1 SR 1193 (Baker Road) at East Springfield Road. Initial Spot Safety right of way and utilities funds are needed for traffic signal installation. File 07-17-481R	\$27,000.00
High Point/ Guilford Co. Div. 7 SS-4907CC	WBS 47676.3.1 SR 1193 (Baker Road) at East Springfield Road. Initial Spot Safety construction funds are needed for traffic signal installation. File 07-17-481C	\$108,000.00
Sanford/ Lee Co. Div. 8 SS-4908BQ	WBS 47678.3.1 US 421 Bus/NC 87 (Horner Boulevard) from SR 1140 to US 1. Initial Spot Safety construction funds are needed for traffic signal revisions. File 08-17-8060C	\$157,950.00
Moore Co. Div. 8 SM-5708A	WBS 47714.2.1 US 15-501 at SR 1225/SR 1309 (Morganton Road). Initial Spot Mobility right of way and utilities funds are needed for turn lane construction. File 08-17-8016R	\$100,000.00

December 7, 2017

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

L-10

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Moore Co. Div. 8 SM-5708A	WBS 47714.1.1 US 15-501 at SR 1225/SR 1309 (Morganton Road). Initial Spot Mobility preliminary engineering funds are needed for turn lane construction. File 08-17-8016P	\$80,000.00
Moore Co. Div. 8 SM-5708A	WBS 47714.3.1 US 15-501 at SR 1225/SR 1309 (Morganton Road). Initial Spot Mobility construction funds are needed for turn lane construction. File 08-17-8016C	\$535,000.00
Randolph Co. Div. 8 SS-4908BP	WBS 47677.3.1 SR 2114 (Providence Church Road) at SR 2116 (New Salem Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 08-17-8019C	\$13,500.00
Division 9 Div. 9 SM-5709C	WBS 47723.3.1 Division 9. Initial Spot Mobility construction funds are needed to provide reimbursements for road improvements adjacent to schools per 136-18(29a). File 09-17-002C	\$550,000.00
Kernersville/ Forsyth Co. Div. 9 SM-5709B	WBS 47715.3.1 I-40 EB Exit 203 off ramp at NC 66 in Kernersville. Initial Spot Mobility construction funds are needed for turn lane construction and traffic signal revisions. File 09-17-823C	\$350,000.00

December 7, 2017

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

L-11

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Kernersville/ Forsyth Co. Div. 9 SM-5709B	WBS 47715.2.1 I-40 EB Exit 203 off ramp at NC 66 in Kernersville. Initial Spot Mobility right of way and utilities funds are needed for turn lane construction and traffic signal revisions. File 09-17-823R	\$85,000.00
Kernersville/ Forsyth Co. Div. 9 SM-5709B	WBS 47715.1.1 I-40 EB Exit 203 off ramp at NC 66 in Kernersville. Initial Spot Mobility preliminary engineering funds are needed for turn lane construction and traffic signal revisions. File 09-17-823P	\$25,000.00
Forsyth Co. Div. 9 SS-4909CB	WBS 47679.2.1 US 158 at SR 2014 (Vance Road) and US 158 at SR 1965 (Belews Creek Road). Initial Spot Safety right of way and utilities funds are needed for installation of traffic signal, Long Vehicle Detection, and "Be Prepared to Stop" sign and flasher. File 09-17-914R	\$81,000.00
Forsyth Co. Div. 9 SS-4909CB	WBS 47679.3.1 US 158 at SR 2014 (Vance Road) and US 158 at SR 1965 (Belews Creek Road). Initial Spot Safety construction funds are needed for installation of traffic signal, Long Vehicle Detection, and "Be Prepared to Stop" sign and flasher. File 09-17-914C	\$180,000.00
Mt. Pleasant/ Concord/ Richfield/ Cabarrus/ Stanly Cos. Div. 10 SS-4910DC	WBS 47682.3.1 NC 3 from SR 2635 (Old Airport/Union Street) to NC 73 (Corban Street) in Cabarrus County. NC 49 from SR 2421 (North Drive) in Cabarrus County through Stanly County to the Rowan County line. Initial Spot Safety construction funds are needed for plastic snowplowable marker installation. File 10-17-271C	\$40,500.00

December 7, 2017

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

L-12

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Charlotte/ Mecklenburg Co. Div. 10 SS-4910DA	WBS 47680.3.1 I-77 SB Ramp and LaSalle Street and I-77 SB Ramp and 5th Street. Initial Spot Safety construction funds are needed for traffic signal installation. File 10-16-231C	\$142,650.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910DB	WBS 47681.3.1 I-277, I-77, and US 74. Initial Spot Safety construction funds are needed for Smart Crash Cushion installation. File 10-17-270C	\$201,600.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910DD	WBS 47683.2.1 US 74 (Independence Boulevard) and Wendover Road. Initial Spot Safety right of way and utilities funds are needed for pole removal, guardrail installation, and signing revisions. File 10-17-203R	\$67,500.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910DD	WBS 47683.3.1 US 74 (Independence Boulevard) and Wendover Road. Initial Spot Safety construction funds are needed for pole removal, guardrail installation, and signing revisions. File 10-17-203C	\$54,000.00
Watauga Co. Div. 11 SS-4911AY	WBS 47684.3.1 US 321 between SR 1209 and SR 1128. Initial Spot Safety construction funds are needed for guardrail revisions. File 11-17-200C	\$25,200.00

December 7, 2017

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

L-13

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Watauga Co. Div. 11 SS-4911AY	WBS 47684.2.1 US 321 between SR 1209 and SR 1128. Initial Spot Safety right of way and utilities funds are needed for guardrail revisions. File 11-17-200R	\$900.00
Alexander Co. Div. 12 SS-4912CK	WBS 47689.3.1 US 64 at SR 1005 (Old Mountain Road). Initial Spot Safety construction funds are needed for traffic signal and pavement marking revisions. File 12-17-201C	\$6,300.00
Cleveland Co. Div. 12 SS-4912CH	WBS 47685.2.1 NC 216 (Battleground Avenue) at SR 2245 (Bethlehem Road). Initial Spot Safety right of way and utilities funds are needed for actuated Vehicle when Flashing sign and flasher installation. File 12-17-212R	\$1,800.00
Cleveland Co. Div. 12 SS-4912CH	WBS 47685.3.1 NC 216 (Battleground Avenue) at SR 2245 (Bethlehem Road). Initial Spot Safety construction funds are needed for actuated Vehicle when Flashing sign and flasher installation. File 12-17-212C	\$22,500.00
Dallas/ Gaston Co. Div. 12 SS-4912CI	WBS 47686.3.1 NC 275/NC 279 (Trade Street) at SR 1001 (Oakland Street). Initial Spot Safety construction funds are needed for traffic signal revision. File 12-17-213C	\$4,500.00

December 7, 2017

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

L-14

**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
Gastonia/ Gaston Co. Div. 12 SS-4912CJ	WBS 47688.3.1 US 321 NB Couplet (York Street) at NC 7 (Long Avenue). Initial Spot Safety construction funds are needed for traffic signal, signing, and pavement marking revisions. File 12-17-211C	\$18,000.00
Asheville/ Buncombe Co. Div. 13 SM-5713C	WBS 47663.1.1 SR 1477 (Riverside Drive) at SR 1348 (Pearson Bridge Road). Initial Spot Mobility preliminary engineering funds are needed for traffic signal installation. File 13-17-202-1P	\$7,000.00
Asheville/ Buncombe Co. Div. 13 SM-5713C	WBS 47663.3.1 SR 1477 (Riverside Drive) at SR 1348 (Pearson Bridge Road). Initial Spot Mobility construction funds are needed for traffic signal installation. File 13-17-202-1C	\$174,000.00
Asheville/ Buncombe Co. Div. 13 SM-5713C	WBS 47663.2.1 SR 1477 (Riverside Drive) at SR 1348 (Pearson Bridge Road). Initial Spot Mobility right of way and utilities funds are needed for traffic signal installation. File 13-17-202-1R	\$1,000.00
Asheville/ Buncombe Co. Div. 13 SM-5713D	WBS 47716.1.1 US 25 (Hendersonville Road) at SR 3503 (Overlook Road). Initial Spot Mobility preliminary engineering funds are needed for turn lane construction. File 13-17-209P	\$100,000.00

December 7, 2017

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

L-15

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Asheville/ Buncombe Co. Div. 13 SM-5713D	WBS 47716.3.1 US 25 (Hendersonville Road) at SR 3503 (Overlook Road). Initial Spot Mobility construction funds are needed for turn lane construction. File 13-17-209C	\$445,000.00
Asheville/ Buncombe Co. Div. 13 SM-5713D	WBS 47716.2.1 US 25 (Hendersonville Road) at SR 3503 (Overlook Road). Initial Spot Mobility right of way and utilities funds are needed for turn lane construction. File 13-17-209R	\$205,000.00
Haywood Co. Div. 14 SS-4914DK	WBS 47691.2.1 US 19 (Dellwood Road) at US 276 (Russ Avenue) (east intersection) near Lake Junaluska. Initial Spot Safety right of way and utilities funds are needed for Dynamic Red Extension system and Signal Ahead flashers. File 14-17-213R	\$4,500.00
Haywood Co. Div. 14 SS-4914DK	WBS 47691.3.1 US 19 (Dellwood Road) at US 276 (Russ Avenue) (east intersection) near Lake Junaluska. Initial Spot Safety construction funds are needed for Dynamic Red Extension system and Signal Ahead flashers. File 14-17-213C	\$36,000.00
Henderson Co. Div. 14 SS-4914CJ	WBS 44730.3.1 SR 1127 (Crab Creek Road) from Transylvania County to SR 1123 near Flat Rock. \$315,000.00 in construction funds has previously been approved for guardrail installation. Additional funds are needed due to an increase in construction costs. File 14-15-209-1	\$35,000.00

December 7, 2017

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

L-16

**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
Hendersonville/ Henderson Co. Div. 14 SS-4914DJ	WBS 47690.2.1 SR 1171 (Willow Road) at SR 1172 (Hebron Road) in Hendersonville. Initial Spot Safety right of way and utilities funds are needed for flasher revisions. File 14-17-210R	\$4,500.00
Hendersonville/ Henderson Co. Div. 14 SS-4914DJ	WBS 47690.3.1 SR 1171 (Willow Road) at SR 1172 (Hebron Road) in Hendersonville. Initial Spot Safety construction funds are needed for flasher revisions. File 14-17-210C	\$27,000.00
ITEM L SUMMARY	77 PROJECTS	\$6,562.205.00

December 7, 2017

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

Division 2

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Carteret Co. Z-5700BB DIVISION	44803.1.13, RR-1101(017) Railway-Highway Grade Crossing at SR 1101 (Weathering/Landing Road) at Crossing #722 893C and SR 1102 (Farin Road) at Crossing #722 891N near Stella. Funds are needed for preliminary engineering.	\$25,000.00 \$22,500.00 \$2,500.00	Cost Fed. State
Carteret Co. Z-5700BB DIVISION	44803.3.13, RR-1101(017) Railway-Highway Grade Crossing at SR 1101 (Weathering/Landing Road) at Crossing #722 893C and SR 1102 (Farin Road) at Crossing #722 891N near Stella. Funds are needed for construction for the installation of flashers and gates.	\$375,000.00 \$337,500.00 \$37,500.00	Cost Fed. State

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

Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Brunswick Co. U-5534U DIVISION	44096.1.23, STPBGDA-0332(135) Brooklyn Street beginning at Water Street continuing approximately 1,300 linear feet south along Brooklyn Street. A multi-use path connecting Brooklyn Street to the Navassa Park, and a multi-use path through Navassa Park forming a loop within the park. Funds are needed for preliminary engineering.	\$120,000.00 Cost \$96,000.00 Fed. \$24,000.00 Local
Wilmington/ New Hanover Co. U-5534T DIVISION	44096.1.22, STBGDA-0396(003) Install traffic signal preemption equipment at 27 intersections throughout the City of Wilmington and install equipment on existing fire apparatus. \$64,800.00 has previously been approved for preliminary engineering. Additional funds are requested for change in scope of work.	\$13,000.00 Cost \$10,400.00 Fed. \$2,600.00 Local

Safety

Wilmington/ New Hanover Co. W-5703F STATEWIDE	44849.3.6, HSIP-0076(014) US 76 (Oleander Drive) and SR 1209 (Independence Boulevard). Construction funds are needed for safety improvements.	\$77,000.00 Cost \$69,300.00 Fed. \$7,700.00 State
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Rail Program

New Hanover Co. Z-5700CA DIVISION	44803.3.11, RR-1394(006) Railway-Highway Grade Crossing Safety Project. SR 1394 (Sutton Steam Plant Road) at CSX Crossing #629 168K near Wilmington. Construction funds are needed to install flashers and two quadrant gates.	\$300,000.00 Cost \$270,000.00 Fed. \$30,000.00 State
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**NCDOT December 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Johnston Co. W-5601DO REGIONAL	50138.3.120, HSIP-0301(037) US 301 between US 70 in Selma and US 70 Business (Market Street) in Smithfield. Construction funds are needed for safety improvements.	\$815,000.00 \$733,500.00 \$81,500.00	Cost Fed. State
Johnston Co. W-5704C DIVISION	44850.3.3, HSIP-1551(005) SR 1551 (Guy Road) at SR 1552 (Amelia Church Road). Construction funds are needed for safety improvements.	\$28,000.00 \$25,200.00 \$2,800.00	Cost Fed. State
Johnston Co. W-5704G DIVISION	44850.1.7, HSIP-1525(013) SR 1525 (Cornwallis Road) at SR 1526 (Shiloh Road / Josephine Road). Funds are needed for preliminary engineering.	\$120,000.00 \$108,000.00 \$12,000.00	Cost Fed. State
Wayne Co. W-5704F REGIONAL	44850.1.6, HSIP-0581(030) NC 581 between SR 1317 (Buck Swamp Road) and SR 1324 (Nor-Am Road). Funds are needed for preliminary engineering.	\$62,000.00 \$55,800.00 \$6,200.00	Cost Fed. State

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

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Durham Co. C-5605I EXEMPT	43725.1.8, CMAQ-0505(088) Seven (7) miles of signed and marked Neighborhood Bike Routes in Central Durham. Funds are needed for preliminary engineering.	\$180,000.00 \$144,000.00 \$36,000.00	Cost Fed. Local
Knightdale/ Wake Co. C-5604HA EXEMPT	43714.1.10, CMAQ-0512(013) 6700 linear feet of greenway from Mingo Creek Greenway and Knightdale Station Park. Funds are needed for preliminary engineering.	\$10,000.00 \$8,000.00 \$2,000.00	Cost Fed. Local

Urban

Wake Co. U-5315B DIVISION	45429.3.3, STPDA-0540(039) Morrisville Parkway Extension from NC 540 (Triangle Expressway / Western Wake Freeway); (Combined with U-5315A: Morrisville Parkway Extension from west of Highcroft Drive to east of Mills Park Drive in Cary). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on November 17, 2017.	\$6,000,000.00 \$3,000,000.00 \$3,000,000.00	Cost Fed. Local
Wake Co. U-5501A DIVISION	45488.2.3, STBGDA-1650(006) SR 1650 (Reedy Creek Road) from North Harrison Avenue to 600 feet south of Watts Pond Lane. Funds are needed for full right of way and utilities.	\$673,634.00 \$538,907.00 \$134,727.00	Cost Fed. Local

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Durham Co. W-5705M STATEWIDE	44851.1.13, HSIP-0040(071) I-40 Westbound at NC 147. Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
Durham Co. W-5705N STATEWIDE	44851.1.14, HSIP-0085(038) I-85 at Club Boulevard, Glen School Road, Red Mill Road, Redwood Road Interchange Ramps. Funds are needed for preliminary engineering.	\$20,000.00 \$18,000.00 \$2,000.00	Cost Fed. State

Bicycle and Pedestrian

Durham Co. EB-5720 DIVISION	50416.1.2, TAP-0505(090) Bryant Bridge Trail - NC 55 to Kelly Bryant Bridge in Durham. Funds are needed for preliminary engineering.	\$233,000.00 \$186,400.00 \$46,600.00	Cost Fed. Local
Wake Co. U-5530OA DIVISION	44111.3.15, STPDA-0505(085) Trailwood Drive over pass sidewalks, construct sidewalks to fill missing sidewalk gaps between Thristledown Drive / Main Campus Drive and Canine Tech Way / Lineberry Drive and across I-40. Construction funds are needed to construct sidewalks.	\$744,000.00 \$595,200.00 \$148,800.00	Cost Fed. Local

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

Division 6

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. U-5528A DIVISION	50078.3.1, STP-0620(032) Hope Mills sidewalk along Rockfish Road from Johnson Street to Golfview Lane. Funds are needed for construction for curb/gutter and sidewalk.	\$499,200.00 \$399,360.00 \$99,840.00	Cost Fed. Local

Rail Program

Cumberland Co. Z-5700FB DIVISION	44803.1.14, RR-1117(018) Highway-Railway Grade Crossing at SR 1117 (Brisson Road) at CSX Crossing #629 894G, near Hope Mills. Funds are needed for preliminary engineering.	\$30,000.00 \$27,000.00 \$3,000.00	Cost Fed. State
Robeson Co. Z-5400FT REGIONAL	43600.3.82, RR-0711(017) Railway-Highway Grade Crossing Safety Project at NC 711 (Third Street); Railroad Crossing #629 601B in Pembroke. Construction funds are needed to upgrade existing traffic control crossing warning devices.	\$582,000.00 \$523,800.00 \$58,200.00	Cost Fed. State

Bicycle and Pedestrian

Cumberland Co. EB-5541 DIVISION	45550.1.FD1, STPDA-0620(026) Big Cross Creek Greenway from Little Cross Creek to Smith Lake in Fort Bragg. \$1,070,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$350,000), funds to be utilized elsewhere.	-\$350,000.00 -\$350,000.00	Cost Fed.
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**NCDOT December 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Guilford Co. B-5356 STATEWIDE	46070.2.1, NHPP-040-3(137) Replace Bridge #299 over South Buffalo Creek on I-40 / 85. Funds are needed for full right of way and utilities.	\$180,000.00 \$144,000.00 \$36,000.00	Cost Fed. State
Rockingham Co. B-5715 DIVISION	45671.3.1, BRZ-2351(002) Replace Bridge #17 over Haw River on SR 2351. Construction funds are needed for bridge replacement.	\$1,038,000.00 \$830,400.00 \$207,600.00	Cost Fed. State

Safety

Orange Co. W-5707B REGIONAL	44853.3.2, HSIP-0054(028) NC 54 at SR 1007 (Mebane Oaks Road) / SR 1961 (Saxapahaw Road) south of Mebane. Construction funds are needed for safety improvements.	\$70,000.00 \$63,000.00 \$7,000.00	Cost Fed. State
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Rail Program

Alamance Co. P-5719A REGIONAL	46931FHWA.3.1, RR-0708(108) NCRR Piedmont Service Expansion. Funds are needed for construction to rebuild two locomotives.	\$5,836,685.00 \$4,669,349.00 \$1,167,336.00	Cost Fed. State
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**NCDOT December 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Alamance Co.	46931FHWA.3.2, RR-0708(109)	\$2,000,000.00 Cost
P-5719B	NCRR Piedmont Service Expansion. Funds are needed for	\$1,600,000.00 Fed.
REGIONAL	construction to acquire and refurbish three rail cars, two coach, and one lounge/luggage.	\$400,000.00 State

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

Division 8

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Lee Co. W-5708C DIVISION	44854.2.3, HSIP-1140(017) SR 1140 (Frank Wicker Road) west of NC 87. Funds are needed for full right of way and utilities.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State
Randolph Co. W-5601BA REGIONAL	50138.3.54, HSIP-0042(061) US 220 Business (Fayetteville Street) from Walker Avenue to NC 42 (Salisbury Road). Funds are needed for construction for safety improvements.	\$720,000.00 \$648,000.00 \$72,000.00	Cost Fed. State
Scotland Co. W-5208MA REGIONAL	45338.3.14, HSIP-0015(049) US 15 / 501; construct roundabout at the intersection of US 15 / 501 and NC 144. Construction funds are needed for safety improvements.	\$2,075,000.00 \$1,867,500.00 \$207,500.00	Cost Fed. State

Rail Program

Richmond Co. Z-5700HA DIVISION	44803.1.15, RR-1650(008) Highway-Railway Grade Crossing at SR 1650 (Long Drive) at CSX Crossing #630 858H, near Rockingham, Richmond County, NC. Funds are needed for preliminary engineering.	\$30,000.00 \$27,000.00 \$3,000.00	Cost Fed. State
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**NCDOT December 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Lee Co.	51065.1.1, TAP-0837(006)	\$62,000.00	Cost
EB-5742	NC 42 (Wicker Street) from the West Lee Middle School	\$49,600.00	Fed.
DIVISION	entrance to Kiwanis Family Park Greenway. Funds are needed for preliminary engineering.	\$12,400.00	Local

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

Division 9

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Forsyth Co. U-5617 DIVISION	47082.1.1, STBGDA-1173(005) SR 1173 (Williams Street) improve roundabout west and east of Bridge over US 421, widen to multi-lanes from roundabout east of bridge to west of roundabout at SR 1001 (Shallowford Road). Funds are needed for preliminary engineering.	\$170,280.00 Cost \$136,224.00 Fed. \$34,056.00 Local

Safety

Davidson Co. W-5709B DIVISION	44855.3.2, HSIP-1147(017) SR 1147 (Old Salisbury Road) horizontal curve west of SR 1151 (Hayden Grove Church Road) west of Lexington. Construction funds are needed for safety improvements.	\$115,000.00 Cost \$103,500.00 Fed. \$11,500.00 State
Davidson Co. W-5709D DIVISION	44855.2.4, HSIP-3346(003) SR 3346 (S. Main Street) at SR 3158 (Anna Lewis Drive) / SR 1298 (Grimes Boulevard); SR 3346 (S. Main Street) at relocated SR 3157 (Brian Center Drive); SR 3157 (Brian Center Drive) at SR 1298 (Grimes Boulevard). Funds are needed for full right of way and utilities.	\$40,000.00 Cost \$36,000.00 Fed. \$4,000.00 State

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

Division 10

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mecklenburg Co. C-5533 DIVISION	45506.3.2, CMS-1003(121) The intersection of SR 5469 (Shopton Road) and SR 1156 (Beam Road). Funds are needed for construction for a single lane roundabout.	\$480,000.00 \$384,000.00 \$96,000.00	Cost Fed. Local
Mecklenburg Co. C-5533 DIVISION	45506.3.3, CMS-1003(121) The intersection of SR 5469 (Shopton Road) and SR 1156 (Beam Road). Funds are needed for construction for a single lane roundabout.	\$1,274,412.00 \$866,600.00 \$407,812.00	Cost Fed. Local
Charlotte/ Mecklenburg Co. C-5613BA EXEMPT	43735.1.5, CMAQ-1003(162) Harris Boulevard from University City Boulevard to Rocky River Road and Old Concord Road to McLean Road. Funds are needed for preliminary engineering.	\$5,000.00 \$3,950.00 \$1,050.00	Cost Fed. Local
Charlotte/ Mecklenburg Co. C-5613BB EXEMPT	43735.1.6, CMAQ-1003(155) Wilkinson Boulevard from Old Dowd Road to Morehead Street. Funds are needed for preliminary engineering.	\$5,000.00 \$3,950.00 \$1,050.00	Cost Fed. Local

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

Division 10 (Continued)

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Charlotte/ Mecklenburg Co. C-5613BC EXEMPT	43735.1.7, CMAQ-1003(156) Steele Creek Road from Westinghouse to South Tryon. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$3,950.00 Fed. \$1,050.00 Local
Charlotte/ Mecklenburg Co. C-5613BD EXEMPT	43735.1.8, CMAQ-1003(157) Arrowood Road from South Tryon to South Boulevard. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$3,950.00 Fed. \$1,050.00 Local
Charlotte/ Mecklenburg Co. C-5613BE EXEMPT	43735.1.9, CMAQ-1003(158) Mallard Creek Road from Harris Boulevard to Governor Hunt. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$3,950.00 Fed. \$1,050.00 Local

Urban

Cabarrus Co. U-4910 DIVISION	40373.1.1, STP-1445(004) SR 1445 (Derita Road) from SR 1394 (Poplar Tent Road) to SR 2894 (Concord Mills Boulevard). \$1,250,000.00 has previously been approved for preliminary engineering. Additional funds are requested to reimburse the Municipality.	\$131,292.00 Cost \$105,033.00 Fed. \$26,259.00 Local
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**NCDOT December 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cabarrus Co. U-4910A DIVISION	40373.3.3, STPDA-1445(008) SR 1445 (Derita Road) from north of SR 2894 (Concord Mills Boulevard) to SR 1394 (Poplar Tent Road). \$18,215,500.00 has previously been approved for construction. Funds to be decreased (\$131,292.00) and added to WBS 40373.1.1.	-\$131,292.00 Cost -\$105,033.00 Fed. -\$26,259.00 Local

Bridge

Cabarrus Co. B-5793 DIVISION	45747.3.1, BRZ-2443(001) Replace Bridge #201 over Little Buffalo Creek on SR 2443. Construction funds are needed for bridge replacement.	\$740,000.00 Cost \$592,000.00 Fed. \$148,000.00 State
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Safety

Mecklenburg Co. W-5601FL STATEWIDE	50138.3.169, HSIP-0077(007) I-77/US 21 southbound ramp and SR 2047 (Trade Street); US 21 at SR 1212 (Lakeview Road); NC 24 (Harris Boulevard) eastbound ramp at SR 2939 (Old Concord Road) and SR 1128 (Westinghouse Boulevard) at I-77 northbound on-ramp. Funds are needed for construction for safety improvements.	\$360,000.00 Cost \$324,000.00 Fed. \$36,000.00 State
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Bicycle and Pedestrian

Concord/ Cabarrus Co. EB-5732 DIVISION	51055.1.2, TAP-1004(066) Bruton Smith Boulevard / Concord Mills Boulevard / Portion of Weddington Road From US 29 to Weddington Road. Construction of sidewalk on both sides to include a portion of Weddington Road. Funds are needed for preliminary engineering.	\$900,000.00 Cost \$720,000.00 Fed. \$180,000.00 Local
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**NCDOT December 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Ashe Co.	34518.2.6, STP-0221(045)	\$900,000.00	Cost
R-2915E	US 221 from US 221 Bypass to US 221 Business / NC 88 in	\$720,000.00	Fed.
REGIONAL	Jefferson. Funds are needed for full right of way.	\$180,000.00	State
Ashe Co.	34518.2.7, STP-0221(045)	\$50,000.00	Cost
R-2915E	US 221 from US 221 Bypass to US 221 Business / NC 88 in	\$40,000.00	Fed.
REGIONAL	Jefferson. Funds are needed for utilities.	\$10,000.00	State

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

Division 12

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Iredell Co. K-4908 STATEWIDE	39894.3.FS1, IMS-0771(177)39 I-77 Rest Area on new location at mile marker #58. \$17,570,972.00 has previously been approved for construction. Additional funds are needed for the demolition of four old rest areas and site appurtenances when new replacement rest area opens.	\$1,600,000.00 Cost \$1,280,000.00 Fed. \$320,000.00 State

Rail Program

Iredell Co. Z-5400LM DIVISION	43600.3.98, RR-2400(001) Railway-Highway Grade Crossing Safety Project at SR 2400 (Wiggins Road) at Norfolk Southern Railway Tracks; Crossing #721 610Y. Construction funds are needed to install flashers, bells and gates at crossing.	\$298,000.00 Cost \$268,200.00 Fed. \$29,800.00 State
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Bicycle and Pedestrian

Gaston Co. EB-5701 DIVISION	51047.1.1, SRTS-0029(066) US 29/74 (East Franklin Boulevard) from SR 2200 (Cox Road) to the City Limits. Funds are needed for preliminary engineering.	\$196,000.00 Cost \$156,800.00 Fed. \$39,200.00 Local
Gaston Co. EB-5701 DIVISION	51047.2.1, SRTS-0029(066) US 29/74 (East Franklin Boulevard) from SR 2200 (Cox Road) to the City Limits. Funds are needed for full right of way and utilities.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 Local

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

Division 13

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. B-5178(L) STATEWIDE	42549.3.2, BRIMS-0261(201) Replace Bridges #235 and #238 over SR 3431 (Pond Road) and Hominy Creek on I-26. Funds are needed for construction for Landscaping.	\$59,739.00 Cost \$47,791.00 Fed. \$11,948.00 State

Safety

Rutherford Co. W-5713J REGIONAL	44861.3.10, HSIP-0064(189) US 64 from US 74A in Rutherford County to 400 feet southwest of SR 1949 (Salem Road) in Burke County. Construction funds are needed for safety improvements.	\$610,000.00 Cost \$549,000.00 Fed. \$61,000.00 State
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**NCDOT December 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Henderson Co. W-5506 REGIONAL	45505.3.3, HSIP-0191(012) NC 191 from SR 1381 (Mountain Road) to north of SR 1365 (North Rugby Road). Funds are needed for construction for safety improvements.	\$2,200,000.00 \$1,980,000.00 \$220,000.00	Cost Fed. State
Henderson Co. W-5714B REGIONAL	44862.3.2, HSIP-0176(012) US 176 (Spartanburg Highway) at SR 1789 (Old Spartanburg Road) in East Flat Rock. Construction funds are needed for safety improvements.	\$130,000.00 \$117,000.00 \$13,000.00	Cost Fed. State
Jackson Co. W-5714E REGIONAL	44862.1.5, HSIP-0064(197) US 64 approximately 0.8 mile east of SR 1119, "Chrysler Curve", near Sapphire. Funds are needed for preliminary engineering.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State

Municipal Bridge

Henderson Co. B-5929 DIVISION	50150.2.1, BRSTP-1932(009) Replace Bridge #350 over Devil's Fork Creek on SR 1932. Funds are needed for full right of way and utilities.	\$50,000.00 \$40,000.00 \$10,000.00	Cost Fed. Local
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**NCDOT December 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14 (Continued)

Municipal Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Henderson Co. B-5929 DIVISION	50150.1.1, BRSTP-1932(009) Replace Bridge #350 over Devils Fork Creek on SR 1932. \$120,000.00 has previously been approved for preliminary engineering. Additional funds are requested for change in engineering estimate.	<div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 10px;">\$55,999.00</div> <div>Cost</div> </div> <div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 10px;">\$44,799.00</div> <div>Fed.</div> </div> <div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 10px;">\$11,200.00</div> <div>Local</div> </div>

Rural

Divisionwide R-5794C DIVISION	44910.3.5, TAP-1420(009) ADA (Americans with Disabilities Act) Curb Ramps at various locations with a population of <5000. \$420,000.00 has previously been approved for construction. Additional funds are needed to install or upgrade ADA Ramps.	<div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 10px;">\$350,000.00</div> <div>Cost</div> </div> <div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 10px;">\$280,000.00</div> <div>Fed.</div> </div> <div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 10px;">\$70,000.00</div> <div>State</div> </div>
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**NCDOT December 2017 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	34634.1.4, STP-000S(803)	\$2,000,000.00	Cost
R-9999	Northern Long-eared Bat (NLEB), endangered species	\$1,600,000.00	Fed.
STATEWIDE	mitigation. \$2,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed for Northern Long-eared Bat (NLEB) Programmatic Consultation for Divisions 1-8.	\$400,000.00	State

Rail Program

Statewide	50061.4.2, CMAQ-FY17(004)	\$969,000.00	Cost
C-5600M	Rail Marketing, Public Outreach and Awareness Program for	\$775,200.00	Fed.
EXEMPT	Piedmont and Carolinian Rail Service. Funds are needed for Rail Marketing.	\$193,800.00	State

Supportive Services Work Program

Statewide	45122.1.5, PDT-000S(897)	\$380,000.00	Cost
M-0426C	FY 2017 Budget Allocation for Legacy Leadership - Professional	\$380,000.00	Fed.
EXEMPT	Development. \$720,556.00 has previously been approved for training. Additional funds are needed for training.		

ITEM M SUMMARY - 64 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$36,811,949.00

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 5

* EB-5833
DURHAM
PROJ.CATEGORY
DIVISION

BRYANT BRIDGE NORTH / GOOSE CREEK WEST TRAIL,
KELLY BRYANT BRIDGE TO DREW-GRANBY PARK IN
DURHAM. CONSTRUCT SHARED-USE PATH AND
CONNECTING SIDEWALKS.

**PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT [16-25 STIP].**

DIVISION 6

R-5866
BLADEN
PROJ.CATEGORY
REGIONAL

NC 87, SMITHFIELD FOODS PROCESSING CENTER.
IMPROVE ROADWAY. THIS IS AN ECONOMIC
DEVELOPMENT PROJECT.

ECONOMIC DEVELOPMENT PROJECT.

	RIGHT-OF-WAY	FY 2018 -	\$5,000	(T)
	UTILITIES	FY 2018 -	\$10,000	(T)
	CONSTRUCTION	FY 2018 -	\$1,043,000	(T)
		FY 2019 -	\$1,043,000	(T)
		FY 2020 -	\$1,042,000	(T)
			\$3,143,000	

DIVISION 7

* M-0525JA
GUILFORD
PROJ.CATEGORY
DIVISION

VARIOUS, SUPPLEMENTAL FUNDING FOR
GREENSBORO URBAN AREA MPO UNIFIED PLANNING
WORK PROGRAM.

**ADD STBGDA SUPPLEMENT IN FY18 TO UPWP AT
REQUEST OF MPO.**

	ENGINEERING	FY 2018 -	\$50,000	(STBGDA)
		FY 2018 -	\$12,000	(L)
			\$62,000	

DIVISION 13

* B-5400
BUNCOMBE
PROJ.CATEGORY
DIVISION

SR 3466 (MCFEE ROAD), REPLACE BRIDGE 100259
OVER SOUTH HOMINY CREEK.

**ADD CONSTRUCTION NOT PREVIOUSLY
PROGRAMMED.**

	CONSTRUCTION	FY 2018 -	\$600,000	(STPOFF)
			\$600,000	

DIVISION 14

* B-5407
POLK
PROJ.CATEGORY
DIVISION

SR 1311 (ROCK SPRINGS ROAD), REPLACE BRIDGE
740034 OVER WALNUT CREEK.

**ADD CONSTRUCTION NOT PREVIOUSLY
PROGRAMMED.**

	CONSTRUCTION	FY 2018 -	\$775,000	(STPOFF)
			\$775,000	

* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 5

* B-5556 WAKE PROJ.CATEGORY DIVISION	LAKE DAM ROAD, REPLACE BRIDGE 910490 OVER WALNUT CREEK IN RALEIGH.	RIGHT-OF-WAY	FY 2018 - \$60,000 (STBGOF)
			FY 2018 - \$15,000 (L)
	<u>TO ALLOW ADDITIONAL TIME FOR THE CITY TO COMPLETE DESIGN, DELAY RIGHT-OF-WAY AND CONSTRUCTION FROM FY 17 TO FY 18 (16-25 STIP) / ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 18 NOT PREVIOUSLY PROGRAMMED (18-27 STIP).</u>	CONSTRUCTION	FY 2018 - \$600,000 (STBGOF)
			FY 2018 - \$150,000 (L)
			\$825,000
* C-5166A GRANVILLE PROJ.CATEGORY EXEMPT	NC 56, GREENWAY IN CREEDMOOR - EASTERN SECTION	CONSTRUCTION	FY 2018 - \$765,000 (CMAQ)
	<u>TO ALLOW ADDITIONAL TIME FOR THE TOWN TO COMPLETE DESIGN, DELAY CONSTRUCTION FROM FY 17 TO FY 18 (16-25 STIP) / ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY PROGRAMMED (18-27 STIP).</u>		FY 2018 - \$191,000 (L)
			\$956,000
* C-5166B GRANVILLE PROJ.CATEGORY EXEMPT	NC 56, GREENWAY IN CREEDMOOR - WESTERN SECTION	CONSTRUCTION	FY 2018 - \$642,000 (CMAQ)
	<u>TO ALLOW ADDITIONAL TIME FOR THE TOWN TO COMPLETE DESIGN, DELAY CONSTRUCTION FROM FY 17 TO FY 18 (16-25 STIP) / ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY PROGRAMMED (18-27 STIP).</u>		FY 2018 - \$160,000 (L)
			\$802,000
* EB-5513 GRANVILLE PROJ.CATEGORY TRANSITION	US 15, SR 1110 (WEST HILLSBORO STREET) TO NC 56 IN CREEDMOOR. CONSTRUCT SIDEWALK / PATH.	CONSTRUCTION	FY 2018 - \$560,000 (TAP)
	<u>TO ALLOW ADDITIONAL TIME FOR THE TOWN TO COMPLETE DESIGN, DELAY CONSTRUCTION FROM FY 17 TO FY 18 (16-25 STIP) / ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY PROGRAMMED (18-27 STIP).</u>		\$560,000

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 7

* P-5719A	NCRR, ACQUIRE AND REBUILD 2 ADDITIONAL	ACQUISITION	FY 2018 -	\$4,669,000	(CMAQ)
ALAMANCE	LOCOMOTIVES		FY 2018 -	\$6,776,000	(T)
CABARRUS	<u>PROJECT BREAK CREATED AT REQUEST OF RAIL</u>		FY 2018 -	\$1,167,000	(S(M))
DAVIDSON	<u>DIVISION.</u>			\$12,612,000	
DURHAM					
GUILFORD					
MECKLENBURG					
ORANGE					
RANDOLPH					
ROWAN					
WAKE					
PROJ.CATEGORY					
REGIONAL					

* P-5719B	NCRR, ACQUIRE AND REFURBISH 2 COACH AND 1	ACQUISITION	FY 2018 -	\$1,600,000	(CMAQ)
ALAMANCE	LOUNGE/BAGGAGE RAIL CARS		FY 2018 -	\$3,388,000	(T)
CABARRUS	<u>PROJECT BREAK CREATED AT REQUEST OF RAIL</u>		FY 2018 -	\$400,000	(S(M))
DAVIDSON	<u>DIVISION.</u>			\$5,388,000	
DURHAM					
GUILFORD					
MECKLENBURG					
ORANGE					
RANDOLPH					
ROWAN					
WAKE					
PROJ.CATEGORY					
REGIONAL					

DIVISION 10

EB-5785	HUNTERSVILLE, UPPER MCDOWELL CREEK	CONSTRUCTION	FY 2020 -	\$2,479,000	(STBGDA)
MECKLENBURG	GREENWAY, CHILGROVE LANE TO NC 73.		FY 2020 -	\$620,000	(L)
PROJ.CATEGORY	CONSTRUCT GREENWAY.			\$3,099,000	
DIVISION	<u>MODIFY PROJECT LIMITS AT REQUEST OF MPO.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 10

* U-5761	NC 3 (DALE EARNHARDT BOULEVARD), INTERSECTION	RIGHT-OF-WAY	FY 2019 -	\$180,000	(T)
CABARRUS	OF NC 3 (DALE EARNHARDT BOULEVARD) AND US	CONSTRUCTION	FY 2020 -	\$4,450,000	(T)
PROJ.CATEGORY	29/601 (CANNON BOULEVARD). CONSTRUCT			\$4,630,000	
REGIONAL	INTERSECTION IMPROVEMENTS.				
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS</u>				

DIVISION 11

* I-5912	I-77, US 21 IN YADKIN COUNTY (EXIT 79) TO	CONSTRUCTION	FY 2018 -	\$32,000,000	(NHPIM)
SURRY	MILEMARKER 83.4 IN SURRY COUNTY . PAVEMENT		FY 2019 -	\$32,000,000	(NHPIM)
YADKIN	REHABILITATION.			\$64,000,000	
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 18</u>				
STATEWIDE	<u>AND UPDATE COST TO REFLECT LATEST ESTIMATE.</u>				

DIVISION 12

I-3819B	I-40/I-77, FINAL I-40/I-77 INTERCHANGE IMPROVEMENTS	RIGHT-OF-WAY	FY 2019 -	\$100,000	(T)
IREDELL	<u>CHANGE FUNDING TO STATE HIGHWAY TRUST</u>	CONSTRUCTION	FY 2019 -	\$50,875,000	(T)
PROJ.CATEGORY	<u>FUNDS. DELAY RIGHT-OF-WAY AND CONSTRUCTION</u>		FY 2020 -	\$50,875,000	(T)
STATEWIDE	<u>FROM FY 18 TO FY 19. PROJECT TO BE LET WITH U-</u>		FY 2021 -	\$50,875,000	(T)
	<u>6039.</u>		FY 2022 -	\$50,875,000	(T)
				\$203,600,000	

* U-6039	SR 2321 (EAST BROAD STREET), VINE STREET TO SR	RIGHT-OF-WAY	FY 2019 -	\$2,200,000	(T)
IREDELL	2422 (SIGNAL HILL DRIVE). UPGRADE ROADWAY AND	UTILITIES	FY 2019 -	\$500,000	(T)
PROJ.CATEGORY	IMPLEMENT ACCESS MANAGEMENT SOLUTIONS.	CONSTRUCTION	FY 2019 -	\$10,700,000	(T)
DIVISION	<u>ACCELERATE RIGHT-OF-WAY AND UTILITIES FROM FY</u>			\$13,400,000	
	<u>22 TO FY 19 AND CONSTRUCTION FROM FY 24 TO FY</u>				
	<u>19. PROJECT TO LET WITH I-3819B.</u>				

DIVISION 13

* U-5818	SR 1001 (SUGAR HILL ROAD), I-40 WESTBOUND RAMPS	RIGHT-OF-WAY	FY 2018 -	\$25,000	(T)
McDOWELL	TO 0.3 MILE WEST OF I-40 EASTBOUND RAMPS.		FY 2018 -	\$10,000	(T)
PROJ.CATEGORY	WIDEN ROADWAY.	CONSTRUCTION	FY 2019 -	\$8,100,000	(T)
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS</u>			\$8,135,000	

* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 14

* B-5554 TRANSYLVANIA PROJ.CATEGORY EXEMPT	NC 215, REPLACE BRIDGE 870073 OVER NORTH FORK FRENCH BROAD RIVER. FEDERAL AID NUMBER: NC FLAP DOT 215(1). <u>PROJECT CURRENTLY UNDER CONSTRUCTION.</u> <u>USING FEDERAL LAND ACCESS PROGRAM FUNDS.</u> <u>USING STATE HIGHWAY TRUST FUNDS TO COVER</u> <u>COST OVERRUNS.</u>	CONSTRUCTION	FY 2018 - <u>\$560,000</u> (T) \$560,000
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* B-5555 TRANSYLVANIA PROJ.CATEGORY EXEMPT	NC 215, REPLACE BRIDGE 870046 OVER NORTH FORK FRENCH BROAD RIVER. FEDERAL AID NUMBER: NC FLAP DOT 215(2). <u>PROJECT CURRENTLY UNDER CONSTRUCTION.</u> <u>USING FEDERAL LAND ACCESS PROGRAM FUNDS.</u> <u>USING STATE HIGHWAY TRUST FUNDS TO COVER</u> <u>COST OVERRUNS.</u>	CONSTRUCTION	FY 2018 - <u>\$655,000</u> (T) \$655,000
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* U-5783 HENDERSON PROJ.CATEGORY REGIONAL	US 64, SR 1180 (BLYTHE STREET) TO SR 1173 (WHITE PINE DRIVE)/SR 1186 (DANIEL DRIVE). WIDEN ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u> <u>THRESHOLDS</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$1,850,000 (T) FY 2019 - \$220,000 (T) FY 2021 - <u>\$8,400,000</u> (T) \$10,470,000
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STIP DELETIONS

DIVISION 12

R-5710 LINCOLN PROJ.CATEGORY REGIONAL	NC 73, INTERSECTION OF NC 73 AND NC 16 BUSINESS. INTERSECTION IMPROVEMENTS.	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$180,000 (T) FY 2020 - \$100,000 (T) FY 2022 - <u>\$950,000</u> (T) \$1,230,000
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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

HIGHWAY PROGRAM

ITEM N SUMMARY

ADDITIONS	5 PROJECTS	\$4,580,000
MODIFICATIONS	15 PROJECTS	
DELETIONS	1 PROJECTS	\$1,230,000
	21 PROJECTS	\$3,350,000

REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 4

* U-5996	SR 1603 (OLD CARRIAGE ROAD), GREEN HILLS ROAD	RIGHT-OF-WAY	FY 2019 -	\$3,609,000	(T)
NASH	TO SR 1770 (EASTERN AVENUE). ADD CENTER TURN		FY 2019 -	\$1,000,000	(T)
PROJ.CATEGORY	LANE AND WIDEN US 64 BRIDGE OVER SR 1603.	CONSTRUCTION	FY 2020 -	\$7,980,000	(T)
DIVISION	<u>TO COORDINATE WITH SCHEDULE FOR R-5720, DELAY</u>		FY 2021 -	\$7,980,000	(T)
	<u>RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>		FY 2022 -	\$7,980,000	(T)
				\$28,549,000	

DIVISION 5

* R-5785	VARIOUS, DIVISION 5 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
DURHAM	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(S(E))
FRANKLIN	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
GRANVILLE	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
PERSON	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
VANCE	<u>PROGRAMMED.</u>				
WAKE					
WARREN					
PROJ.CATEGORY					
DIVISION					

* U-4727	VARIOUS, DURHAM-CHAPEL HILL-CARRBORO	PLANNING	FY 2018 -	\$1,738,000	(STBGDA)
CHATHAM	METROPOLITAN PLANNING ORGANIZATION		FY 2018 -	\$435,000	(L)
DURHAM	(DCHCMPO) PLANNING ALLOCATION AND UNIFIED			\$2,173,000	
ORANGE	WORK PROGRAM.				
PROJ.CATEGORY	<u>ADD STBGDA FUNDS IN FY 18 NOT PREVIOUSLY</u>				
DIVISION	<u>PROGRAMMED, AT REQUEST OF MPO TO</u>				
	<u>SUPPLEMENT PLANNING ACTIVITIES.</u>				

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

* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 6

* R-5786	VARIOUS, DIVISION 6 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BLADEN	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
COLUMBUS	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
CUMBERLAND	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
HARNETT	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
ROBESON	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

DIVISION 7

* R-5787	VARIOUS, DIVISION 7 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
ALAMANCE	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(S(E))
CASWELL	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
GUILFORD	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
ORANGE	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
ROCKINGHAM	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

DIVISION 8

* R-5788	VARIOUS, DIVISION 8 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
CHATHAM	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(S(E))
HOKE	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
LEE	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
MONTGOMERY	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
MOORE	<u>PROGRAMMED.</u>				
RANDOLPH					
RICHMOND					
SCOTLAND					
PROJ.CATEGORY					
DIVISION					

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 9

* R-5789	VARIOUS, DIVISION 9 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
DAVIDSON	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(S(E))
DAVIE	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
FORSYTH	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
ROWAN	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
STOKES	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

DIVISION 10

U-5804B	SR 3448 (SOUTH TRADE STREET), FOUR MILE CREEK	CONSTRUCTION	FY 2018 -	\$4,925,000	(T)
MECKLENBURG	TO WEDDINGTON ROAD. WIDEN TO FOUR-LANES.			\$4,925,000	
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>				
DIVISION	<u>THRESHOLDS</u>				

STIP DELETIONS

DIVISION 2

U-5953	NC 102, AYDEN ELEMENTARY SCHOOL. CONSTRUCT	RIGHT-OF-WAY	FY 2019 -	\$100,000	(T)
PITT	RIGHT TURN LANE.		FY 2019 -	\$100,000	(T)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER STATE</u>	CONSTRUCTION	FY 2020 -	\$300,000	(T)
REGIONAL	<u>HIGHWAY FUNDED PROJECT.</u>			\$500,000	

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

NCDOT December 7, 2017 Board of Transportation Agenda

SUMMARY: There are a total of 60 Agreements for approval by the Board of Transportation.

Statewide

Triangle J Council of
Governments (TJCOG)
Durham County
C-5601D
50062.4.3

This Project consists of developing a program for improving passenger rail service throughout the State of North Carolina. TJCOG will develop and implement a program to encourage passenger rail use along the corridor linking the Triangle, Triad and Charlotte regions. The Department shall reimburse 80% (\$498,232) from CMAQ funds for eligible expenses incurred. TJCOG shall provide the 20% local match (\$124,558) and all costs that exceed the total available funding of \$622,790.

North Carolina Department of
Environmental Quality (DEQ)

This Interagency Agreement is to provide access, support services, and normal maintenance for DEQ users of the Department's SAP™ System. The Department and DEQ have agreed to provide up to 1,060 User Licenses and DEQ shall provide payment for 100% of the cost of implementation. The estimated cost is \$203,650.

North Carolina Department of
Environmental Quality, Division
of Air Quality (DAQ)
Statewide
C-5601C
50062.4.2

This Project is to continue and enhance a program of education, outreach, and partnering to improve air quality in North Carolina. The Agency is responsible for all work. The Department will reimburse 80% of eligible costs from CMAQ funds (\$1,104,358) and the Agency will provide a 20% non-federal match (\$276,089). The Agency will be responsible for all costs that exceed the total available funding of \$1,380,447.

North Carolina Wildlife
Resources Commission
Wake County
37673.1.TA1

This Interagency Agreement is to support the captive breeding of endangered aquatic species for the recently established Non-Game Aquatic Species Program at the Historic Yates Mill County Park. The Department has committed to fund the actual cost of operations and maintenance for five years in the amount of \$3,041,064, reimbursed in equal installments over the five year period.

Wake County

This Interagency Agreement is to provide for the possible mitigation requirements associated with the future 540 corridor for the recently established Non-Game Aquatic Species Program at the Yates Mill Aquatic Conservation Center. The Department will provide funding for additions and renovations to the A.E. Finley Center in the Yates Mill County Park. The estimated costs are \$1,958,000.

Aberdeen, Carolina and Western
Railway

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on April 30, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

NCDOT December 7, 2017 Board of Transportation Agenda

Statewide, con't.

Alexander Railroad Company

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on July 20, 2007, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

Atlantic & Western Railway

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on June 17, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

Blue Ridge Southern Railroad

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on July 16, 2015, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

Caldwell County Railroad

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on August 26, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

Carolina Coastal Railroad
Company

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on January 22, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

Chesapeake and Albemarle
Railroad

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on May 27, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

Clinton Terminal Railroad

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on May 20, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

CSX Transportation, Inc.

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on October 16, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

NCDOT December 7, 2017 Board of Transportation Agenda

Statewide, con't. Great Smoky Mountains Railroad	This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on July 24, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.
High Point, Thomasville & Denton Railroad	This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on June 16, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.
Laurinburg & Southern Railroad	This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on November 29, 2007, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.
Norfolk Southern Railroad	This Supplemental Agreement No. 2 amends provisions of the Master Agreement for Crossing Safety Projects, executed on March 28, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.
North Carolina & Virginia Railroad	This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on May 20, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.
Thermal Belt Railway	This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on August 26, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.
Wilmington Terminal Railroad	This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on July 15, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.
Winston-Salem Southbound Railway	This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on June 16, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

NCDOT December 7, 2017 Board of Transportation Agenda

Statewide, con't.

Yadkin Valley Railroad

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on February 15, 2008, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

R. J. Corman Railroad/ Carolina Lines

This Supplemental Agreement No. 1 amends provisions of the Master Agreement for Crossing Safety Projects, executed on November 17, 2015, by adding/revising provisions in accordance with recent Federal and State legislative and statutory requirements.

Division 2

NC State Ports Authority
(NCSPA)

Carteret County
80000.1.4.45

This Agreement is for the approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist the NCSPA in the rebuilding of the entire West Lead Track and No.8 right hand switch at the Port of Morehead City. This Agreement includes design, demolition, materials, and labor. The NCSPA will be performing all the work. The Department will participate in the cost of the project not to exceed \$360,000. All other costs will be paid by the NCSPA. The estimated cost of the project is \$700,000.

Pitt County Soil & Water
Conservation District
Karen A. McDaniel
Courtney A. Snapp and Melissa
R. Horne (Property Owners)
Pitt County
2.207411

This Project consists of construction improvements to abate erosion damage on two private properties and to correct water flow runoff and drainage into a septic system on Herman Garriss Road. This is a multi-party agreement with the Pitt County Soil & Water Conservation District and the affected property owners. The work is estimated to cost a total of \$17,000. The Department shall participate in 50% (\$8,500) of the project cost. The Pitt County Soil & Water Conservation District and the affected property owners shall reimburse the Department the other 50% (\$8,500) of the cost of the work performed by the Department.

City of New Bern
Craven County
49027

This Agreement is to abandon portions of Old Airport Road including Bridge #10 in New Bern from the state system and allow the Municipality to add these portions to their municipal street system. The Department has existing funding to repair and resurface Old Airport Road and will provide these funds (\$687,000) to the Municipality upon its acceptance of the road and assumption of responsibility for all future maintenance. This agenda item supersedes the item approved by the Board on October 5, 2017.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 2, con't.

Norfolk Southern Railway
Company
Beaufort County
B-5302
46016.3.1

This Project consists of replacing Bridge No. 3 in Beaufort County on US 17 Business beginning at Station 19+40.00 - L- running in a northeasterly direction over the tracks of Norfolk Southern Railway Company to Station 40+10.00 -L-, including construction of a structure at separated grades and appurtenant works across the Railroad's right of way, tracks and other facilities near Railroad Milepost 127.79 and Highway Survey Station 28+85.96 -L- in accordance with plans and specifications prepared by Department and approved by Railroad.

Division 3

County of New Hanover
U-5527C
50077.1.F4
50077.2.F4
50077.3.F4

This Project consists of the construction of a multi-use path along Middle Sound Loop Road from Oyster Lane to the Middle Sound Village driveway in New Hanover County. The County is responsible for all phases of the Project. This Supplemental Agreement is to extend the multi-use path to the eastern property line of the Middle Sound Village; to increase the funding, and to extend the completion date to 12/13/2019 in lieu of 12/31/2018. The Department will provide additional funding in the amount of \$50,000 from STBGA-DA funds. The County will be responsible for providing an additional 20% (\$12,500) matching funds and all costs that exceed the total available funding.

Division 4

City of Goldsboro
Wayne County
4.1096SM

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

City of Goldsboro
Wayne County
4.1096SM

This Municipal Maintenance Agreement (Schedule D) provides for the Municipality to operate the computerized traffic signal system as indicated in the agreement. The Municipality shall install, repair and maintain highway signs, electric traffic signals and other traffic control devices on the State Highway System Streets located within or near Goldsboro. The Department shall be invoiced semi-annually by the Municipality for the approved cost of the installation, repair and maintenance as per the agreement.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 5

National Railroad Passenger
Corporation (AMTRAK)
Wake County
P-5500
44092

This Rail Agreement covers the terms under which the National Railroad Passenger Corporation (AMTRAK) will implement a Passenger Information Display System (PIDS) at Raleigh Union Station. AMTRAK's responsibilities shall include preparing construction documents, procuring the software, hardware and infrastructure, installation, and confirming integration of hardware and software with AMTRAK's real time data system. The Department, utilizing State funds, shall reimburse AMTRAK 100% of the cost to design, procure, install, and integrate the PIDS. The estimated cost of the AMTRAK PIDS scope is \$400,000, which includes contingency funds. The City of Raleigh will be responsible for the operations and maintenance costs, under a separate Agreement with AMTRAK.

Town of Garner
Wake County
B-5326
46040.1.1
46040.2.1
46040.3.1

This Project consists of the replacement of Bridge No. 247 on SR 2555 (Raynor Road) over White Oak Creek in Garner. The Department is responsible for all phases of the work. At the request of the Municipality, additional work will be added to accommodate a planned future greenway by raising the grade and lengthening the bridge. The Municipality shall pay 30% of the preliminary design costs associated with the greenway accommodation. The estimated reimbursement from the Municipality is \$79,750.

Town of Cary
Wake County
I-5506
43608.1.1
43608.2.2
43608.3.3

This Project consists of construction improvements at the I-40 and SR 1002 (Aviation Parkway) interchange. The Department is responsible for all phases of the work. At the request of the Municipality, the Department shall include provisions in its construction contract for pedestrian facilities on Aviation Parkway. The cost of the pedestrian facilities is estimated to be \$45,197. The Department shall pay 50% and the Municipality shall pay 50% (\$22,598) for the portion in the corporate limits where new pedestrian facilities are to be installed.

Town of Cary
Wake County
I-5506
43608.1.1
43608.2.2
43608.3.3

This Project consists of construction improvements at the I-40 and SR 1002 (Aviation Parkway) interchange. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to relocate municipally-owned water and sewer lines. The Municipality shall reimburse the Department the entire cost of the utility work. The estimated reimbursement is \$308,300.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 5, con't.
City of Durham
Durham County
U-5745
50166.3.1

This Project consists of construction of a roundabout at the intersection of NC 751 (Hope Valley Road) and SR 1183 (University Drive) in Durham. The Department is responsible for all phases of the work. At the request of the Municipality, existing sidewalk will be replaced and new sidewalk will be installed as betterments. The estimated cost of these betterments is \$90,300. The Municipality shall pay 50% (\$45,150) for the pedestrian facilities. The Municipality has also requested aesthetic betterments for the roundabout and curb sections. The Municipality shall reimburse the Department 100% (\$21,700) of the cost for the aesthetic betterments.

City of Durham
Durham County
EB-5703
51049.1.1
51049.3.1

This Project consists of construction of sidewalks and pedestrian improvements on both sides of LaSalle Street from Kangaroo Drive to US 70 Business (Hillsborough Road) and on one-side of LaSalle Street from Hillsborough Road to Sprunt Avenue. This Supplemental Agreement is to remove the ROW Acquisition and Utility Relocation phases from the list of phases eligible for funding.

City of Durham
Durham County
EB-5704
51050.1.1
51050.3.1

This Project consists of construction of sidewalk and pedestrian improvements on one side of Raynor Street from North Miami Boulevard to North Hardee Street. This Supplemental Agreement is to remove the ROW Acquisition and Utility Relocation phases from the list of phases eligible for funding.

City of Durham
Durham County
EB-5708
50404.1.1
50404.3.1

This Project consists of construction of sidewalks and pedestrian improvements on the south side of NC 54 from NC 55 to Research Triangle Park's western limit. This Supplemental Agreement is to remove the ROW Acquisition and Utility Relocation phases from the list of phases eligible for funding.

City of Durham
Durham County
EB-5715
50411.1.1
50411.3.1

This Project consists of construction of sidewalks and pedestrian improvements on east side of North Duke St from Murray Ave to US 501 Business (North Roxboro Rd). This Supplemental Agreement is to remove the ROW Acquisition and Utility Relocation phases from the list of phases eligible for funding.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 6

Aberdeen & Rockfish Railroad
Cumberland County
U-4405
39049.3.1

This Rail Project consists of constructing a ramp from the All American Freeway to US 401 beginning at Station 10+00.00 -RPB- running in a southerly direction over the tracks of Aberdeen and Rockfish Railroad Company to Station 34+68.31 –L, including construction of a structure at separated grades and appurtenant works across Railroad's right of way, tracks and other facilities near Railroad Milepost 40.75 and Highway Survey Station 26+78.00 – RPB-, in accordance with plans and specifications prepared by Department and approved by Railroad.

Division 7

City of Greensboro
Guilford County
U-2525C
34821.3.7

This Project consists of construction of the Greensboro Eastern Loop from US 29 to SR 2303 (Lawndale Drive). The Department is responsible for all phases of the Project. At the request of the Municipality, the Department shall include provisions in the construction contract for betterments including bike lanes, turn lanes and new sidewalks. The Municipality shall reimburse the Department 100% for the cost of the betterments. The estimated reimbursement is \$960,562.

City of Greensboro
Guilford County
U-2525C
34821.3.7

This Project consists of construction of the Greensboro Eastern Loop from US 29 to SR 2303 (Lawndale Drive). 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 the utility work. The estimated reimbursement is \$1,933,042.

Norfolk Southern Railway
Company
Guilford County
U-2525C
34821.1.5

This Project consists of construction of the Greensboro Eastern Loop (I-840) beginning from US 29 and running in a westerly direction over the tracks of Norfolk Southern Railway Company to Lawndale Drive, including construction of a structure at separated grades and appurtenant works across the Railroad's right of way, tracks and other facilities near Railroad Milepost 277.5 and Highway Survey Station 337+20.09 –L- in accordance with plans and specifications prepared by Department and approved by Railroad.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 7, con't.

Norfolk Southern Railway
Company
Rockingham County
B-5352
46066.3.1

This Project consists of replacing bridge #131 in Rockingham County on US 220 beginning at Station 13+83.06 -L- running in a northerly direction over the tracks of Norfolk Southern Railway Company to Station 28+92.62 -L-, including construction of a structure at separated grades and appurtenant works across the Railroad's right of way, tracks and other facilities near Railroad Milepost R-89.15 and Highway Survey Station 22+16.89 -L- in accordance with plans and specifications prepared by Department and approved by Railroad.

North Carolina Railroad and
Norfolk Southern Railway
Company
Guilford County
U-2412A
34802.3.3

This Project consists of constructing Greensboro/High Point Road on new location beginning at Station 11+50.00 -L- running in an easterly direction over the tracks of North Carolina Railroad and Norfolk Southern Railway Company to Station 208+98.89.00 -L-, including construction of a structure at separated grades and appurtenant works across the Railroad's right of way, tracks and other facilities near Railroad Milepost 295.25 and Highway Survey Station 90+47.15 -L-, in accordance with plans and specifications prepared by Department and approved by Railroad.

Division 8

County of Scotland
(County/Grantee)
CSX Transportation, Inc. (CSXT)
Scotland County
P-5724
80000.3.1.14
47371.3.1

This Rail Agreement covers the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds and Strategic Transportation Investments (STI) Division funding to assist the Grantee with the upgrading of 23,766 feet of the rail industrial lead track from the CSXT SE line, milepost 274.68, along SR 1434 (Airport Road) to near SR 1437 (Luter Road). Along with the construction of a 1 mile loop track off the spur to serve a proposed feed mill located near the Town of Maxton. In addition, the project will include a new at-grade crossing of SR 1434 (Airport Road), the rehabilitation of three (3) at-grade crossings, and the installation of crossing warning devices. The Grantee will be responsible for performing the work. The Department will participate in the total cost of the project up to \$1,490,809, with \$200,000 from FRRCSI funds and \$1,290,809 from STI funds. The estimated cost of the project is \$9,289,067.

Division 9

Winston-Salem City/County
Utilities
Forsyth County
U-2827B
34872.3.4

This Project consists of replacement of Bridges #178, #269, #278, #286, #288, #291, #293, #305, #312, #313, and #336 on US 158/US 421/NC 150/ Business 4, West of Fourth Street to East of Church Street. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate sewer mains. The Municipality shall reimburse the Department the entire cost of the utility work. The estimated reimbursement is \$52,128.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 9, con't.
Town of Rural Hall
Forsyth County
R-2247EC
34409.3.24

This Project consist of reconstruction of the interchange at US 52 with NC 65 on the Winston-Salem Northern Beltway. This Supplemental Agreement is to reduce the work and cost for the signal poles at NC 65 at NB Ramps/SR 3955 (Forum Parkway) in Rural Hall. The Municipality has requested a change from "one dual mast arm and two signal mast arms (powder coated)", to "metal strain poles with the signals hung from wires that are powder coated." The cost for this betterment is \$4,000. The Municipality's liability at this location is thereby reduced by \$10,125.

Division 10

Town of Waxhaw
Union County
W-5710L
44856.1.12
44856.2.12
44856.3.12

This Project consists of the construction of a southbound right turn lane and a northbound left turn lane on Providence Road South (NC 16) onto Gray Byrum Road (SR 1306). The Department is responsible for all phases of the project. At the request of the Municipality, additional work will be added to include construction of 50 feet of southbound lane and the installation of a traffic signal at the intersection. The Municipality shall pay the Department a fixed amount of \$83,088.23 for the additional work.

University of North Carolina at
Charlotte (UNCC)
Mecklenburg County
44829

This Project consists of the realignment of John Kirk Drive from University City Boulevard (NC 49) to East Mallard Creek Church Road (SR 5394). The University is responsible for all phases of the Project. The Department shall participate in the actual costs of the project not to exceed \$500,000 in Contingency funds. Costs which exceed that amount shall be borne by the University.

City of Charlotte
Mecklenburg County
EB-5929
47694.1.1
47694.2.1
47694.3.1

This Project consists of construction of Phase I of the Belk Greenway Connector beginning at Baxter Street to S. Davidson Street. The Municipality is responsible for all phases of the Project. The Department will reimburse 80% (\$1,716,000) of eligible expenses from STBGDA funds. The Municipality shall provide the 20% (\$429,000) local match for the funds authorized and all costs that exceed the total available funding.

City of Charlotte
Mecklenburg County
EB-5832
47248.2.1
47248.3.1

This Project consists of construction of a multi-use path along West Mallard Creek Church Road to 600 feet past Claude Freeman Drive. The Project will include signalization and intersection improvements at David Taylor Drive, Claude Freeman Drive and several new CATS bus waiting pads. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% (\$1,273,000) of eligible expenses from TAP funds. The Municipality shall provide the 20% (\$318,250) local match and all costs that exceed the total available funding.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 10, con't.
Town of Harrisburg
Cabarrus County
C-5157
46222.1.F1
46222.3.3

This Project consists of the design and construction of approximately 5,000 linear feet of sidewalk along Caldwell Road and Stallings Road. The Municipality is responsible for the Project. This Supplemental Agreement is to reduce the amount of sidewalk in the scope of the Project.

National Railroad Passenger
Corporation
(AMTRAK)
Mecklenburg County
P-2918F
42801.3.4

This Lease Agreement covers the terms and conditions by which the Department shall lease to AMTRAK approximately 3,918 square feet of space in the new office building at the Charlotte Locomotive and Railcar Maintenance Facility. NCDOT will occupy 2,260 square feet in the same building. NCDOT and AMTRAK will have access to common areas including a shared elevator and elevator lobby to access the rail yard at a lower level. The Department will provide electricity, water and sewer service, insurance, and maintenance for the property. The lease period will be for three (3) years. During this period AMTRAK will have only four (4) staff on site. The annual fee will be \$1.00. At the end of the period, AMTRAK will move crew bases and additional staff into the facility and at that time the lease will be renegotiated to market rate.

Division 12

City of Statesville
Iredell County
EB-5788
46434.1.1
46434.2.1

This Project consists of construction of a multi-use path from Garner Bagnal Boulevard to Amity Hill Road. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% (\$603,000) of eligible expenses from STBGDA funds. The Municipality shall provide the 20% (\$150,750) local match for the federal funds authorized and all costs that exceed the total available funding.

City of Statesville
Iredell County
K-4908
51213.052

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 modify the estimate of costs based on the awarded construction contract, and to extend the completion date to 6/30/2018 in lieu of 12/31/2017.

City of Claremont
Catawba County
EB-5828
45968.2.1
45968.3.1

This Project consists of construction of a sidewalk along Centennial Boulevard from 600 feet past the intersection of North Oxford and Centennial Boulevard to North Lookout Street. The Municipality is responsible for all phases of the project. The Department shall reimburse 80% (\$458,000) of eligible expenses from STBGDA funds. The Municipality shall provide the 20% (\$114,000) local match for the federal funds authorized and all costs that exceed the total available funding.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 13

Buncombe County

EB-5774

46407.1.1

46407.2.1

46407.3.1

This Project consists of construction of a multi-use path along NC 251 (Riverside Drive) from SR 1684 (Elk Mountain Road) to Exit 25 on US 19/23/70. This Supplemental Agreement is to add Construction as an eligible cost phase and increase funding for the Project. The Department's original participation was \$528,000. The Department agrees to reimburse an additional \$2,400,000 (80%) for a total of \$2,928,000 in TAP funds. The Municipality's original participation was \$132,000. The Municipality will provide an additional \$600,000 (20%) for a total of \$732,000 as their local match, and all costs that exceed the total available funding.

City of Morganton

Burke County

EB-5807

46464.3.1

This Project consists of construction of the downtown greenway connector between the extension of the downtown greenway to the Catawba River greenway system. The Municipality is responsible for all phases of the project. The Department shall reimburse 80% of eligible expenses from STBGDA funds allocation not to exceed \$1,335,000. The Municipality shall provide the 20% (\$333,750) local match and all costs that exceed the total estimated cost of \$1,668,750.

NCDOT December 7, 2017 Board of Transportation Agenda

SUMMARY: There are a total of 20 Municipal Agreements for informational purposes only.

Division 2

Town of Trent Woods
Craven County

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

NC Department of
Environmental Quality (DEQ)
Division of Marine Fisheries
Carteret County
36249.3841

This Project consists of the maintenance of approximately 1000 feet of the Marine Fisheries gravel road known as Tosto Road. The Department shall be responsible for the work. DEQ shall reimburse the Department 100% of the cost of the work performed by the Department. The estimated reimbursement is \$3,000.

Division 3

Clearly Development, Inc.
New Hanover County
36249.3844

This Project consists of a traffic signal upgrade at the intersection at US 117/NC 133 (Castle Hayne Road) and SR 1322 (N Kerr Avenue)/Site Access. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse 100% of the cost of the Department's work. The estimated reimbursement is \$5,000.

Harbour Retail Partners
New Hanover County
36249.3845

This Project consists of a traffic signal upgrade at SR 1409 (Military Cutoff Road) & Sir Tyler Drive and installation at SR 1409 (Military Cutoff Road) & Shared Site Access 1 (north of Sir Tyler Drive). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse 100% of the cost of the Department's work. The estimated reimbursement is \$20,000.

Town of Ocean Isle Beach
Brunswick County
36249.3839

This Project consists of the installation of wheelchair ramps, crosswalk markings, and warning signs on SR 1888 (E. 2nd Street) at Monroe Street. The Department will perform the work. The Municipality shall reimburse the Department 100% of the cost of the work. The estimated reimbursement is \$13,000.

City of Jacksonville
Onslow County
51215.01Q

This Project consists of the installation of cured-in-place pipe liners in existing storm drain pipes on SR 1336 (Henderson Drive) from Doris Avenue to the access for Jacksonville High School. The Municipality shall perform the work. The Department shall participate in actual costs in an amount not to exceed \$288,000. Costs which exceed this amount shall be borne by the Municipality.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 3, con't.

MDI Management, Inc.
Brunswick County
R-5021
36249.3850

This Project consists of roadway improvements on NC 211 (Old Long Beach Road) and NC 133 (Long Beach Road). At the request of the Developer, additional work will include two signalized northbound and southbound turn lanes and one unsignalized right-turn lane on NC 133; and two signalized eastbound and westbound turn lanes, on NC 211, related to the Southport Crossing Development. The Developer shall reimburse the Department 100% of the cost for the additional work. The estimated reimbursement is \$531,900.

Division 5

JBH Development LLC
Durham County
36429.3842

This Project consists of an upgrade of the traffic signal at White Oak Road and Hebron Church Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse 100% of the cost of the Department's work. The estimated reimbursement is \$5,000.

Sunset Gateway Limited
Partnership
Wake County
36429.3849

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

SHHP Holloway, LLC
Durham County
36249.3674

This Project consists of modification to the existing signal at the intersection of Holloway Street and N Hyde Park Avenue. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse 100% of the cost of the Department's work. The estimated reimbursement is \$3,000.

Duke University
Durham County
36249.3852

This Project consists of upgrades to the traffic signal at NC 751 (Cameron Boulevard) at Erwin Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse 100% of the cost of the Department's work. The estimated reimbursement is \$5,000.

Heritage Properties, Inc.
Wake County
36249.3853

This Project consists of a temporary signal at SR 3007 (West Morgan Street) at Glenwood Avenue and a traffic signal upgrade upon the construction completion of the One Glenwood development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse 100% of the cost of the Department's work. The estimated reimbursement is \$5,000.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 8

NNP-Briar Chapel, LLC
Chatham County
36249.3482

This Project consists of installation of signals on US 15-501 at SR 1529 (Taylor Road). The Developer's original reimbursement for the Department's review and inspection was \$6,000. This Supplemental Agreement is for the Developer to provide an additional reimbursement of \$3,000 for the Department's work.

Division 11

Yadkin County Tourism
Development Authority
(County TDA)
Town of Yadkinville Tourism
Development Authority
(Town TDA)

This Project consists of the design, fabrication and installation of 3 "Welcome to Yadkin County" signs on US 601 at the Surry County Line; SR 1605 at the Forsyth County Line and on SR 1001 at the Forsyth County Line. The County TDA and the Town TDA shall share in the 100% reimbursement to the Department for the work. The estimated reimbursement is \$5,700.

Division 12

Gastonia Economic
Development Commission
Gaston County
36249.3820

This Project consists of the design, fabrication, and installation of ground-mounted freeway signs for Gastonia Technology Park on US 321, Exit 11. The Municipality shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$15,000.

City of Newton
Catawba County
36249.3854

This Project consists of traffic signal upgrades at the following locations: NC 16 (North Main Avenue) at East 2nd Street/West 2nd Street; NC 16 (North Main Avenue) at East 1st Street/West 1st Street; NC 16 (South Main Avenue) at East A Street/West A Street; NC 16 (North College Avenue) at 2nd Street; NC 16 (North College Avenue) at East 1st Street and NC 16 (North College Avenue) at East A Street. The Municipality shall reimburse the Department 100% of the Department's review and inspection of the traffic signals. The estimated reimbursement is \$10,000.

Division 13

R. Ballard Investments
Buncombe County
36249.3846

This Project consists of upgrading wood signal poles to metal poles and mast arms for a new signal at the intersection of US 25 (Hendersonville Road) and the Ascot Point entrance. The Developer shall pay the Department a fixed amount of \$7,500 as full and complete payment for participation in the project.

NCDOT December 7, 2017 Board of Transportation Agenda

Division 13, con't.

Town of Biltmore Forest
Buncombe County
36249.3847

This Project consists of upgrading wood signal poles to metal poles and mast arms for a new signal at the intersection of US 25 (Hendersonville Road) and the Ascot Point entrance. The Municipality shall pay a fixed amount of \$7,500 as full and complete payment for participation in the project.

Hawthorne Residential Partners
Buncombe County
36249.3848

This Project consists of traffic signal upgrades and the addition of pedestrian phasing at the intersection of US 25A (Sweeten Creek Road) and SR 3116 (Mills Gap Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse 100% of the cost of the Department's work. The estimated reimbursement is \$7,500.

C&B Toothland of Marion, LLC
McDowell County
36249.3851

This Project consists of an additional pedestrian signal for a new 4th leg to an existing traffic signal at the intersection of SR 1001 (Sugar Hill Road) and SR 1323 (Rankin Drive). The Developer shall reimburse the Department 100% of the Department's review and inspection of the traffic signal. The estimated reimbursement is \$7,500.

NCDOT December 2017 Board of Transportation Agenda

Approval of Municipal Street System Changes

Deletions to the State Highway System

Division	County	Municipality	Road	Termini	Length
10	Union 2017_12_M001	Village of Marvin	SR 3251	To delete Man of War Drive	0.81
			SR 3483	To delete War Admiral Lane	0.25
			SR 3484	To delete Monarchos Court	0.14
			SR 3485	To delete Whirlaway Lane	0.05
			SR 3253	To delete Seattle Slew Court	0.06
			SR 3247	To delete Alydar Court	0.29
			SR 3248	To delete Churchill Downs Drive	0.97
			SR 3255	To delete Sir Barton Lane	0.13
			SR 3250	To delete Kentucky Derby Drive	0.75
			SR 3249	To delete Calumet Farms Drive	0.17
			SR 3256	To delete Victory Gallop Court	0.15
			SR 3252	To delete Real Quiet Lane	0.24
			SR 3335	To delete Silver Charm Lane	0.12
			SR 3336	To delete Skipaway Drive	0.41
			SR 3337	To delete Gallant Fox Court	0.08
			SR 3481	To delete Unbridle Lane	0.55
			SR 3482	To delete War Emblem Drive	0.06
			SR 3661	To delete Sunday Silence Drive	0.19

NCDOT December 2017 Board of Transportation Agenda

Approval of Municipal Street System Changes

Deletions to the State Highway System

Road	Termini	Length
SR 3662	To delete Whiskery Drive	0.20
SR 3254	To delete Secretariat Lane	0.10

NCDOT December 2017 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1 & R-2
2	Final Right of Way Plans	R-3 & R-4
3	Revisions of Final Right of Way Plans	R-5
4	Approval of Conveyance of Highway Right of Way Residues	R-6
5	Approval of Revision in Control of Access	R-7
6	Advance Acquisition of Highway Right of Way	R-8
7	Award of Contracts to Private Firms for Engineering Services ROW	R-9 – R-11

Preliminary Right of Way Plans

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

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

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

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

(Division 1)

Perquimans County; I.D. No. R-4467; Project No. 35748.2.2:
US 17 Business / NC 37 from East of Perquimans River Bridge to NC 37

(Division 2)

Beaufort County; I.D. No. B-5413; Project No. 55043.2.1:
Bridge No. 20 over Smith Creek on NC 33

(Division 3)

Onslow County; I.D. No. U-5789; Project No. 44361.2.1:
NC 53 (Western Boulevard) at SR 2714 (Jacksonville Parkway)

(Division 4)

Johnston County; I.D. No. R-5718; Project No. 50472.2.1:
SR 1003 (Buffalo Road) from US 70 to SR 1934 (Old Beulah Road)

(Division 5)

Wake County; I.D. No. U-5501A; Project No. 45488.2.3:
SR 1650 (Reedy Creek Road) from North Harrison Avenue to 600 feet South of Watts Pond Lane

Preliminary Right of Way Plans (continued)

(Division 6)

Cumberland County; I.D. No. U-2519AB; Project No. 34817.2.28:

Fayetteville Outer Loop from South of SR 1118 (Parkton Road) to South of SR 1003 (Camden Road)

Cumberland/Robeson Counties; I.D. No. U-2519AA; Project No. 34817.2.27:

Fayetteville Outer Loop from I-95 to South of SR 1118 (Parkton Road) in Robeson County

(Division 8)

Lee County; I.D. No. W-5708C; Project No. 44854.2.3:

SR 1140 (Frank Wicker Road) West of NC 87

(Division 9)

Davidson County; I.D. No. W-5709D; Project No. 44855.2.4:

SR 3346 (S. Main St.) at sr 3158 (Anna Lewis Dr.) / SR 1298 (Grimes Blvd.) ; SR 3346 (S. Main St.) at relocated SR 3157 (Brian Center Dr.); SR 3157 (Brian Center Dr.) at SR 1298 (Grimes Blvd)

(Division 11)

Ashe County; I.D. No. R-2915E; Project No. 34518.2.6:

US 221 from US 221 Bypass to US 221 Business/NC 88 in Jefferson

(Division 14)

Henderson County; I.D. No. B-5929; Project No. 50150.2.1:

Bridge No. 350 over Devils Fork Creek on SR 1932 (Tracey Grove Road)

Final Right of Way Plans

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

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

(Division 2)**Project No. 46375.2.1; Lenoir County; I.D. No. R-5703:**

Grading, drainage, paving and structures on NC 148 (Harvey Parkway) from NC 58 and NC 11, construct multi-lane facility on new location with the right of way indicated upon the final plans for said project.

(Division 5)**Project No. 44401.2.1; Wake County; I.D. No. U-5828:**

Grading, drainage, paving and signals on McCrimmon Parkway, from SR 3015 (Airport Boulevard) to SR 1002 (Aviation Parkway) in Morrisville with the right of way indicated upon the final plans for said project.

(Division 6)**Project No. 46048.2.1; Robeson County; I.D. No. B-5334:**

Grading, drainage, paving and structure on Bridge No. 78 over Tenmile Branch on SR 2220 (Arbor Lane Road) with the right of way indicated upon the final plans for said project.

(Division 7)**Project No. 42841.2.1; Alamance County; I.D. No. B-5239:**

Grading, drainage, paving and structures on NC 87 – Bridge No. 126 over Mill Race and Bridge No. 119 over Haw River with the right of way indicated upon the final plans for said project.

Final Right of Way Plans (continued)

(Division 10)

Project No. 44378.2.1; Cabarrus County; I.D. No. U-5806:

Grading, drainage, paving, signals and structures on intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 Kings Grant Pavilion with the right of way indicated upon the final plans for said project.

(Division 12)

Project No. 46106.2.1; Alexander County; I.D. No. B-5391:

Grading, drainage, paving and structure on Bridge No. 139 over Glade Creek on SR 1609 (County Home Road) with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 38376.2.1; Cherokee County; I.D. No. B-4462:

Drainage, grading, paving and structure on Bridge No. 148 over Persimmon Creek on SR 1127 (Bell Hill Road) 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 5)**Project No. 34915.2.1; I.D. No. U-3308; Durham County:**

Final Right of Way plans approved on the minutes of the June 2, 2016 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 4 and 20 as presented at the December 7, 2017 Board of Transportation Meeting.

(Division 7)**Project No. 34820.2.19; I.D. No. U-2524D; Guilford County:**

Final Right of Way plans approved on the minutes of the September 8, 2016 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 9 and 13 as presented at the December 7, 2017 Board of Transportation Meeting.

Approval of Conveyance of Highway Right of Way Residues

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

(Division 10)

**Project 8.2722902, Parcels 021, East Sugar Road near Billy Graham Parkway
Mecklenburg County**

Conveyance of an approximate 1.630-acre residue area to DP Masters, LLC, a North Carolina Limited Liability Company; the only interested adjacent owner, for the appraised value of \$9,950.00.

(Division 14)

**Project 34364.2.14, Parcel R-2210A 040, US 23B from Waynesville to US 19/23/74
Haywood County**

Conveyance of an approximate 2.120-acre residue area to the Haywood County Board of Education no monetary consideration. If the land use changes to anything other than for education-related purposes, parking, or sports facilities, the property shall revert back to the Department.

CONVEYANCE ROW RESIDUE

2 PROJECT(S)

\$ 9,950.00

Approval of Revision in Control of Access

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

(Division 10)

**Project 8.1654811, US 29/NC 49 (Graham Street) at I-277 and West 10th Street
Mecklenburg County**

Grant of a revision in the existing control of access to the City of Charlotte for an approximate 15 foot break at US 29/ NC 49 (Graham Street) at I-277, and the relocation of the control of access along West 10th Street at the I-277 off-ramp for no monetary consideration.

CONVEYANCE ROW CONTROL OF ACCESS

1 PROJECT(S)

\$ 0.00

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 Branch to acquire said properties either by negotiation or by condemnation through the Office of the Attorney General.

Division 5

**Property of Gregory Poole Equipment Co.
I.D. No. U-4437, Parcel #900
WBS 35868.2.2, F. A. Project N/A,
County of Wake**

**Property of King Investment Properties, LLC
I.D. No. U-4437, Parcel #901
WBS 35868.2.2, F. A. Project N/A,
County of Wake**

**Property of CIP Brier Creek, LLC
I.D. No. U-5518B, Parcel #901
WBS 43612.2.3, F. A. Project N/A,
County of Wake**

**Property of Great Deal Properties, LLC
I.D. No. U-5825, Parcel #900
WBS 44396.2.1, F. A. Project N/A,
County of Wake**

Award of Contracts to Private Firms for Engineering Services Right of Way Branch**STATEWIDE:**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to perform asbestos inspections, abatement, and structure clearings for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private firms in accordance with the rules and regulations adopted by the Board on April 7, 2005.

STATEWIDE

- | | | |
|-----|------------------|--|
| (1) | Projects: | Various |
| | Firm: | 4 Seasons Site & Demolition Inc., Wilmington, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 0% |
| (2) | Projects: | Various |
| | Firm: | A1 Consulting Group, Inc., Morrisville, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 100% |
| (3) | Projects: | Various |
| | Firm: | Abatemaster, Inc., Winston-Salem, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 100% |
| (4) | Projects: | Various |
| | Firm: | Abatement Technology and Construction Solutions,
Tobaccoville, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 100% |
| (5) | Projects: | Various |
| | Firm: | Carolina Construction Worx, Inc., Raleigh, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 0% |
| (6) | Projects: | Various |
| | Firm: | Carolina Envirotech Inc., Mooresville, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 0% |

Award of Contracts to Private Firms for Engineering Services Right of Way Branch (continued)

- (7) Projects: Various
Firm: Clement Construction Corporation,
Winston-Salem, NC
Engineering Fee: \$1,000,000.00
DBE Utilization: 100%
- (8) Projects: Various
Firm: Contaminant Control, Inc., Fayetteville, NC
Engineering Fee: \$1,000,000.00
DBE Utilization: 0%
- (9) Projects: Various
Firm: D.H. Griffin Wrecking Co., Inc., Greensboro, NC
Engineering Fee: \$1,000,000.00
DBE Utilization: 0%
- (10) Projects: Various
Firm: Double D Trucking, Inc., Winston-Salem, NC
Engineering Fee: \$1,000,000.00
DBE Utilization: 100%
- (11) Projects: Various
Firm: Enpuricon, Inc., Apex, NC
Engineering Fee: \$1,000,000.00
DBE Utilization: 0%
- (12) Projects: Various
Firm: High Point Builders, LLC., Archdale, NC
Engineering Fee: \$1,000,000.00
DBE Utilization: 100%
- (13) Projects: Various
Firm: Marley Trucking & Demolition, Inc., Asheboro, NC
Engineering Fee: \$1,000,000.00
DBE Utilization: 100%
- (14) Projects: Various
Firm: Mitch Contracting Company, Inc., Fairview, NC
Engineering Fee: \$1,000,000.00
DBE Utilization: 0%

Award of Contracts to Private Firms for Engineering Services Right of Way Branch (continued)

- | | | |
|------|------------------|--|
| (15) | Projects: | Various |
| | Firm: | Nehemiah Builders, Inc., Raleigh, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 100% |
| | | |
| (16) | Projects: | Various |
| | Firm: | NEO Corporation, Canton, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 0% |
| | | |
| (17) | Projects: | Various |
| | Firm: | T & T Abatement, Toast, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 100% |
| | | |
| (18) | Projects: | Various |
| | Firm: | Tierney Commercial Construction, LLC.,
Goldsboro, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 100% |
| | | |
| (19) | Projects: | Various |
| | Firm: | Vistabution, LLC, Raleigh, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 100% |
| | | |
| (20) | Projects: | Various |
| | Firm: | W & W Trucking & Demolition Services, LLC.,
Winston-Salem, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 100% |
| | | |
| (21) | Projects: | Various |
| | Firm: | W.C. Black and Sons, Inc., Charlotte, NC |
| | Engineering Fee: | \$1,000,000.00 |
| | DBE Utilization: | 100% |

APPROVAL OF CONTRACTS PRIVATE FIRMS 21 PROJECTS \$21,000,000.00

R-ITEM SUMMARY 48 PROJECT(S) TOTAL: \$ 21,009,950.00

**NORTH CAROLINA BOARD OF TRANSPORTATION
SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2017 - 2018**

On September 7, 2017 the Board of Transportation approved an allocation of Maintenance funds totaling \$1,359,593,079 in accordance with Session law 2017-57. As a result of the current credit balance and existing cash balance, staff recommends the following supplemental distribution of maintenance funds:

<u>SCHEDULE I – GENERAL MAINTENANCE RESERVE</u>	<u>ORIGINAL ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
Road and Bridge Maintenance (Division Allocations)	230,929,721	249,138,697	480,068,418
State and Federal Obligation	8,530,000	1,991,419	10,521,419
Asset Maintenance and Operation	11,103,779	23,006	11,126,785
Research and Development	4,121,142	154,800	4,275,942
Emergency	36,155,234	561,691	36,716,925
SUBTOTAL:	\$290,839,876	\$251,869,613	\$542,709,489
 <u>SCHEDULE II – ROADSIDE ENVIRONMENTAL</u>	 \$104,000,000	 \$20,000,000	 \$124,000,000
 <u>SCHEDULE III – CONTRACT RESURFACING</u>	 \$503,432,709	 \$100,000,000	 \$603,432,709
 <u>SCHEDULE IV – PAVEMENT PRESERVATION</u>	 \$100,161,756	 \$15,000,000	 \$115,161,756
 <u>SCHEDULE V – BRIDGE PROGRAM</u>	 \$281,158,738	 \$20,000,000	 \$301,158,738
 <u>SCHEDULE VI – BRIDGE PRESERVATION</u>	 \$80,000,000	 \$0	 \$80,000,000
 GRAND TOTAL:	 \$1,359,593,079	 \$406,869,613	 \$1,766,462,692

**NORTH CAROLINA BOARD OF TRANSPORTATION
SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2017 - 2018**

SCHEDULE I – GENERAL MAINTENANCE RESERVE

The original General Maintenance Reserve allocation amount provided in September totaled \$290,839,876. An additional allocation of \$251,869,613 is included in this supplement. This additional allocation includes \$110,038,869 in existing maintenance reserve balance and a cash flow amount of \$141,830,744, resulting in an overall total appropriation amount of \$542,709,489. From the maintenance reserve portion of the supplemental allocation, \$200,000 will be used to fund statewide inmate labor needs previously identified in the Roadside Environmental program, while an additional \$1,669,613 will be credited to our statewide Oversize/Overweight Program. In addition, \$861,303 in maintenance reserve funds will be used to cover statewide project overruns within each of the State & Federal Obligation, Asset Maintenance and Operation, Research & Development and Emergency categories. \$249,138,697, which includes the remaining maintenance reserve balance and all GMR cash flow funds, will be allocated to the Divisions based on needs identified within the Routine Maintenance Improvement Program (RMIP).

SCHEDULE II – ROADSIDE ENVIRONMENTAL

The original Roadside Environmental allocation amount totaled \$104,000,000. An additional \$20,000,000 in cash flow is included in this supplemental allocation for a total allocation of \$124,000,000. The supplemental allocation will be distributed to each Division based on needs identified within the Routine Maintenance Improvement Program (RMIP).

SCHEDULE III – CONTRACT RESURFACING

The original contract resurfacing allocation totaled \$503,432,709. As noted in the September Item S information, our annual contract resurfacing cash flow amount was increased by \$47,000,000 from \$78,000,000 to \$125,000,000. The additional \$47,000,000 of cash flow amount has yet to be allocated to the Divisions. As part of this submittal, an additional cash flow amount of \$53,000,000 is included to increase the overall additional cash flow amount to \$100,000,000, and the overall contract resurfacing allocation amount to \$603,432,709. These additional resurfacing funds will be distributed to the Divisions based on maintenance and resurfacing needs identified in the Routine Maintenance Improvement Program (RMIP) and Highway Maintenance Improvement Program (HMIP).

SCHEDULE IV – PAVEMENT PRESERVATION

The original pavement preservation allocation totaled \$100,161,756. A supplemental allocation amount of \$15,000,000 in cash flow funds is included this supplemental allocation for a total allocation of \$115,161,756. The supplemental allocation will be distributed to each Division based on needs identified within the Routine Maintenance Improvement Program (RMIP).

SCHEDULE V – BRIDGE PROGRAM

The original Bridge Program allocation totaled \$281,158,738. A supplemental allocation amount of \$20,000,000 in cash flow funds is included in this supplemental allocation for a total allocation of \$301,158,738. Of the \$20M in supplemental allocation, \$6M will be used to fund centrally managed bridge projects, while \$14M will be allocated to the Divisions. Division allocations will be distributed based on the same formula as the original allocations.

**NORTH CAROLINA BOARD OF TRANSPORTATION
SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2017 - 2018**

Item S Summary: 5 Actions totaling \$406,869,613 in supplemental allocations

November 20, 2017

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Division

SUBJECT: Submission of the Greenville Urban Area MPO Comprehensive
Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Division has worked cooperatively with the Greenville Urban Area Metropolitan Planning Organization (MPO) on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by the Greenville Urban Area MPO on August 23, 2017.

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

https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Greenville

The Transportation Planning Division recommends the mutual adoption of the Caswell County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of September 25, 2017.

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.
Director, Transportation Planning Division

Attachment

December 7, 2017

Adopted by:

Greenville Urban Area MPO

Date: 8/23/2017

NCDOT

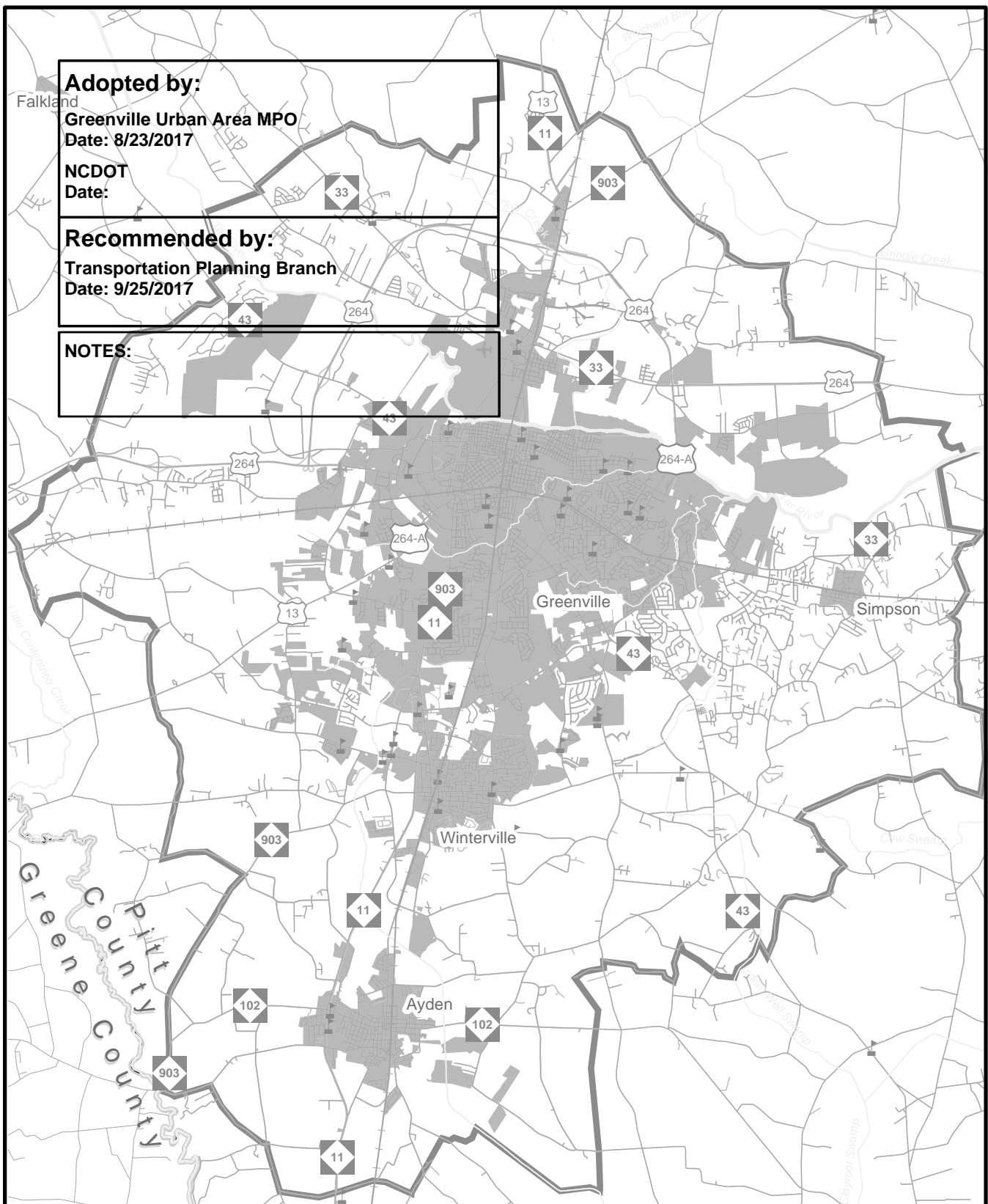
Date:

Recommended by:

Transportation Planning Branch








Date: 9/25/2017

NOTES:

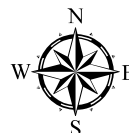


Sheet 1 Adoption Sheet

Sheet 2 Highway Map

-  Schools
-  Airports
-  Railroads
-  Rivers and Streams
-  Roads
-  Water Bodies
-  Municipal Boundaries
-  MPO Boundary
-  County Boundary

0 0.5 1 2 3 Miles



RECOMMENDED

Base map date: 7/5/17

Refer to CTP document for more details



**Greenville
Urban Area MPO
Comprehensive
Transportation Plan**

Plan date: 8/23/2017

NORTH CAROLINA BOARD OF TRANSPORTATION

ITEM V

There will be no Item V submitted to the Board for approval at the December 2017 Board meeting.

RESOLUTION FOR L. TODD COOK

WHEREAS, L. Todd Cook was a Davidson County Deputy Sheriff who was killed in the line of duty on January 27, 2000; and

WHEREAS, it is the desire of the Davidson County community and the family of Deputy Cook to honor his sacrifice and service by naming a bridge in his honor; and

WHEREAS, this effort to name a bridge in honor of Deputy Cook has his family's full support; and

WHEREAS, it is the desire of the family and the community that the bridge named in his honor be in close proximity of the newly erected Sheriff's Office as a remembrance to Deputy Cook and reminder to all law enforcement to "always have your guard up and be ever vigilant"; and

WHEREAS, the Abbotts Creek Bridge #123, on U.S. Hwy 64 is already constructed and located less than a mile from the Sheriff's Office; and

WHEREAS, the Abbotts Creek Bridge #123, on U.S. Hwy 64 is a prominent artery through the county and is not formally named; and

WHEREAS, the Davidson County community strongly supports the naming of this bridge as the Deputy Todd Cook Bridge; and

WHEREAS, the Davidson County Board of Commissioners passed a resolution by unanimous decision as part of the application process as an illustration of public support; and

WHEREAS, the Davidson County Board of Commissioners respectfully requested that the North Carolina Board of Transportation name Abbotts Creek Bridge #123, on U.S. Hwy 64 as the Deputy Todd Cook Bridge.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the Abbotts Creek Bridge #123 on U.S. Hwy 64 as the *Deputy Todd Cook Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted this the 2nd day of November 2017 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation



NORTH CAROLINA Department of Transportation



Financial Update

As of October 2017

David Tyeryar, Chief Financial Officer

December 6, 2017

Financial Update

SFYTD 2018 as compared SFYTD 2017

Dollars in Millions	Month over Month		Year to Date		
	October '17	October '16	October '17	October '16	\$ Change
Collections	\$ 405	\$ 440	\$ 1,760	\$ 1,895	\$ (135)
Expenditures	<u>485</u>	<u>431</u>	<u>1,879</u>	<u>1,837</u>	<u>42</u>
Net Change	\$ (80)	\$ 9	\$ (119)	\$ 58	\$ (177)
Cash Balances:			October '17	October '16	
Trust Fund			\$ 1,722	\$ 1,421	
Highway Fund*			<u>237</u>	<u>263</u>	
Totals			<u>\$ 1,959</u>	<u>\$ 1,684</u>	

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

Revenue Summary October 2017

(\$ in Millions)

	October 2017	October 2016	Year Over Year				SFY Budget	
			2017-2018 Actual	2016-2017 Actual	\$	%	Annual Budget	%
State & Federal Collections:								
Highway Fund *	\$ 170.9	\$ 163.1	\$ 723.1	\$ 727.3	\$ (4.2)	-1%	2,191.0	33%
Highway Trust Fund *	125.6	115.5	513.4	500.0	13.4	3%	1,547.1	33%
Total State Funds	296.5	278.6	1,236.5	1,227.3	9.2	1%	\$ 3,738.1	33%
Federal Funds/Participation **	79.6	95.9	412.3	461.3	(49.0)	-11%	1,044.9	39%
GARVEE Reimbursement/NCTA	28.6	65.7	111.5	206.8	(95.2)	-	N/A	N/A
Total	\$ 404.7	\$ 440.2	\$ 1,760.3	\$ 1,895.4	\$ (135.1)	-7%	\$ 4,783.0	37%
	October 2017	October 2016	Year Over Year				SFY Budget	
			2017-2018 Actual	2016-2017 Actual	\$	%	Annual Budget	%
* Memo								
Highway Fund & Trust Fund Details								
Motor Fuel Taxes	\$ 160.7	\$ 155.9	\$ 675.2	\$ 657.3	\$ 17.9	3%	\$ 1,961.8	34%
Highway Use Tax	64.4	58.9	264.8	259.2	5.6	2%	820.8	32%
DMV/Other Revenue	69.3	62.7	289.8	306.5	(16.6)	-5%	939.8	31%
Investment Income	2.2	1.1	6.7	4.4	2.3		15.6	N/A
Total	\$ 296.5	\$ 278.6	\$ 1,236.5	\$ 1,227.3	\$ 9.2	1%	\$ 3,738.1	33%

**Estimated Federal Revenue including the FAST ACT is \$1,160 million

Expenditure Summary October 2017

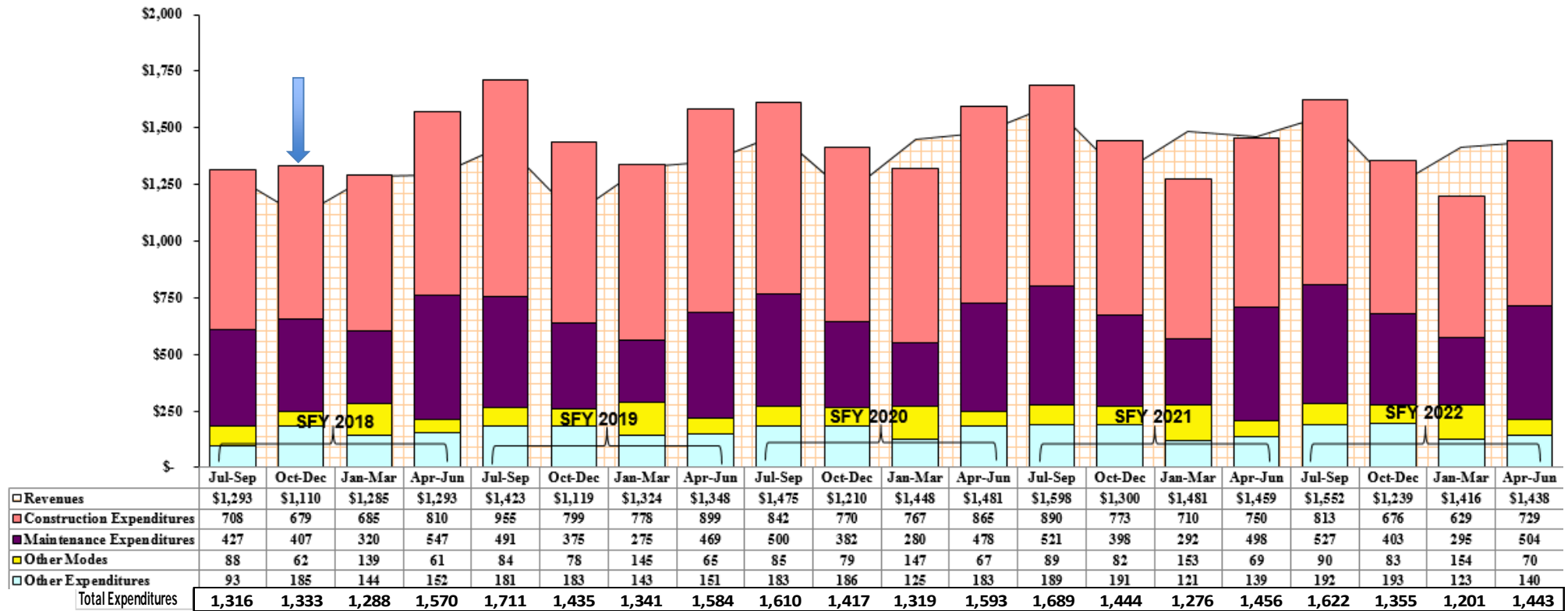
(\$ in millions)

			Year Over Year				SFY Annual Budget	
	October-17	October-16	2017-2018 Actual	2016-2017 Actual	\$	%	2017-2018 Budget	%
State & Federal Funded Programs:								
Construction	\$ 267.0	\$ 225.6	\$ 922.1	\$ 897.4	\$ 24.8	3%	\$ 2,319.7	40%
Maintenance	142.1	110.4	553.0	490.8	62.2	13%	1,353.5	41%
Public Transportation	6.7	5.5	37.7	32.7	4.9	15%	131.8	29%
Other Modal/Other Programs	14.0	13.3	50.0	56.5	(6.5)	-12%	246.2	20%
Administration	22.2	20.9	17.3	25.1	(7.8)	NA	322.7	5%
Municipal Aid	-	-	73.7	73.6	0.2	0%	147.5	50%
Transfers to Other Agencies	13.7	3.9	27.6	14.9	12.6	NA	61.0	45%
Total Expenditures	\$ 465.7	\$ 379.6	\$ 1,681.3	\$ 1,591.0	\$ 90.3	6%	\$ 4,582.4	37%
GARVEE/NCTA/Special Initiatives	\$ 19.4	\$ 51.3	\$ 198.1	\$ 246.3	\$ (48.2)		200.6	
Total	\$ 485.1	\$ 430.9	\$ 1,879.4	\$ 1,837.3	\$ 42.1		4,783.0	

Revenue and Expenditure Variances as of October 2017

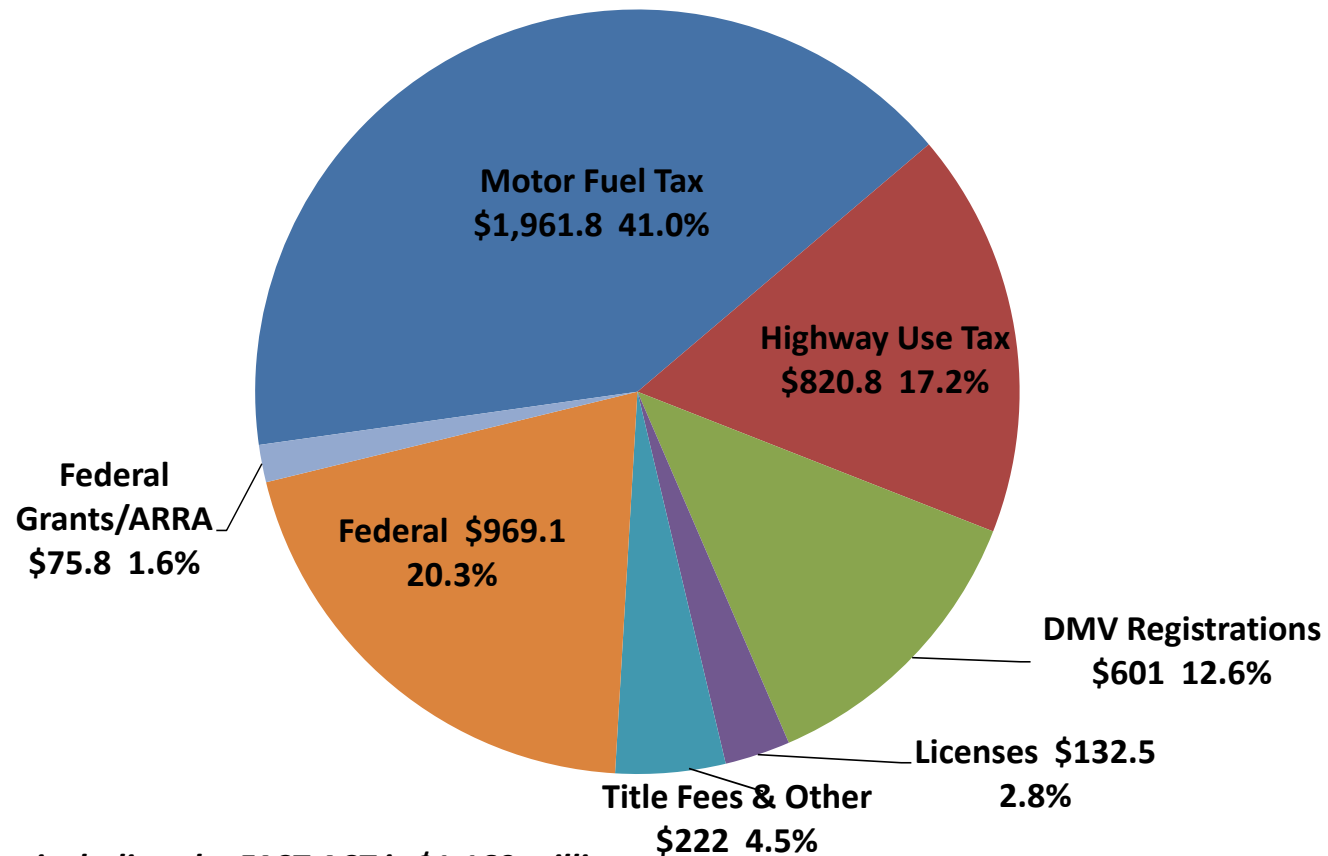
EXPENDITURES		
State & Federal Funded Programs:		
	Variance >5%	Reason for Variance
Construction	7%	Construction expenditures are more than budget due to project acceleration efforts
Maintenance	8%	Maintenance expenditures are more than budget due to increased contracts
Other Modal/Other Programs	<13%>	Aviation expenditures are down due to the non disbursement of new funding provided for capital improvements to commercial airports.
Administration	<28%>	Admin is down due to the IT carryforward. FY17 IT carryforward was \$67.8M.
Transfers to Other Agencies	12%	Transfers are more primarily due to the Ports Authority Transfer

60 Month Revenue & Expenditure Projections as of October 2017



NCDOT Revenue Sources SFY2018 - \$4.8 Billion

(Excludes Receipt Supported Funding of \$0.1B)

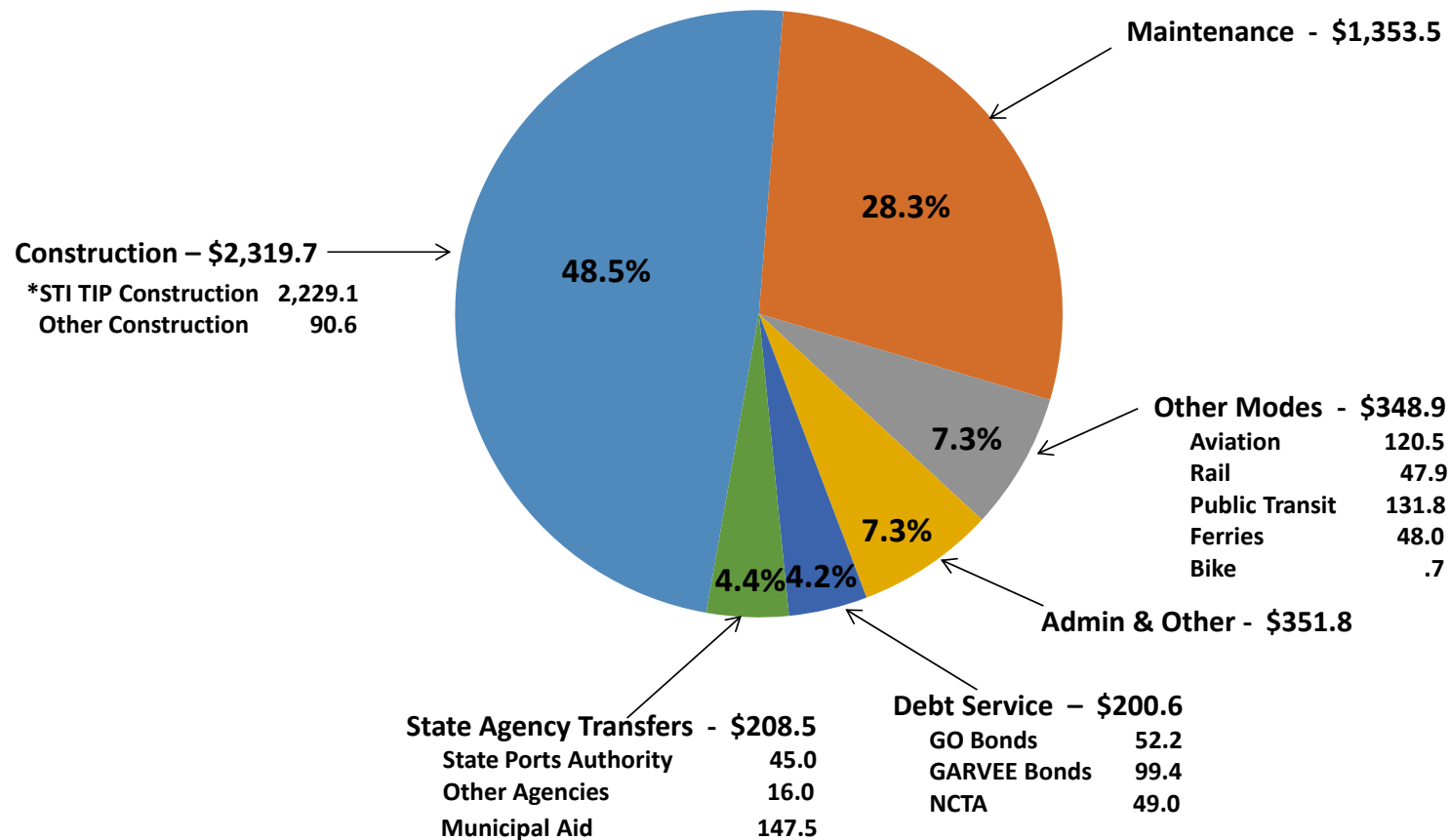


**Estimated Federal Revenue including the FAST ACT is \$1,160 million*

Uses of 2017-18 NCDOT Appropriations

Total Funding = \$4.8 Billion

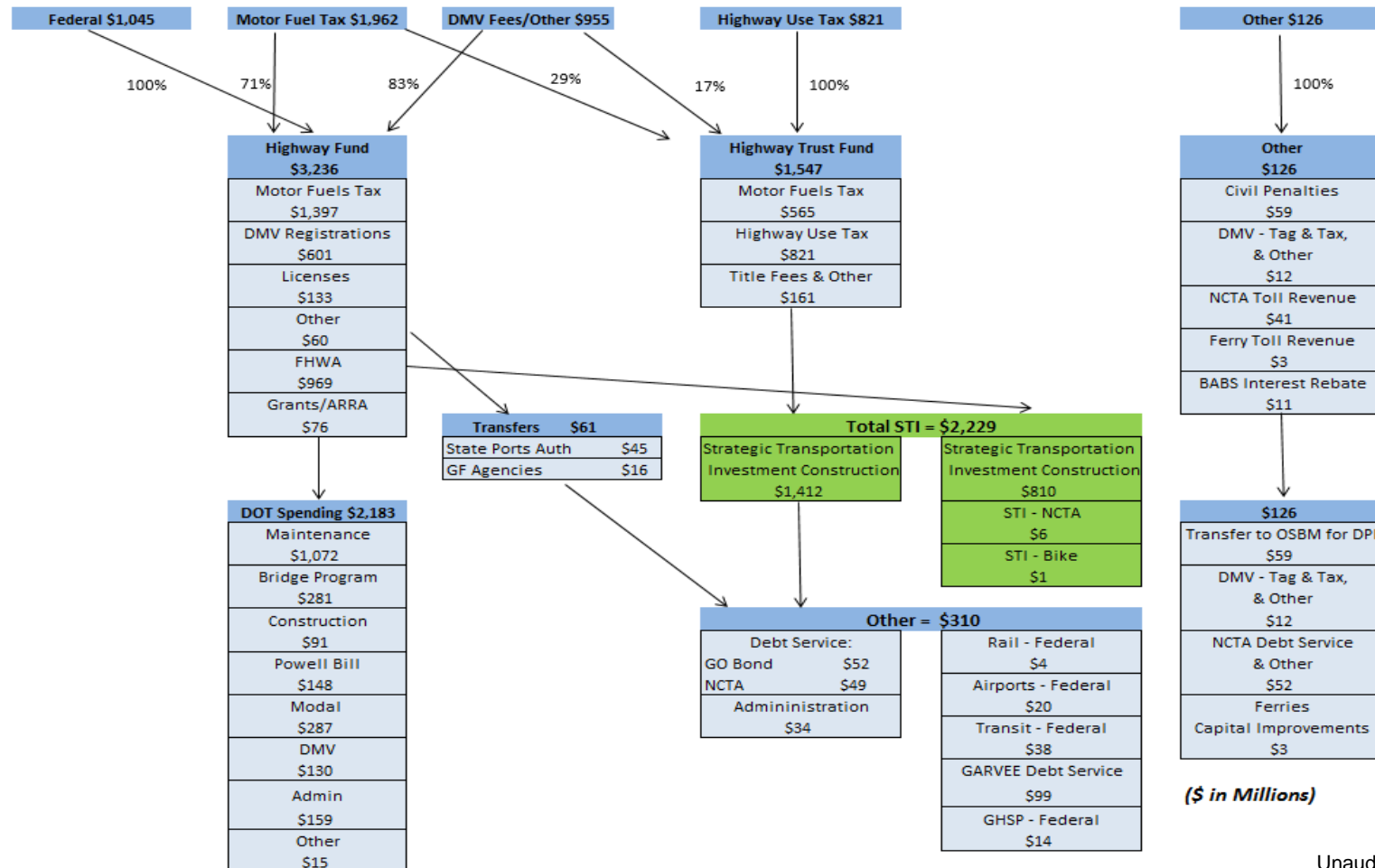
(Excludes Receipt Supported Funding of \$0.1B)



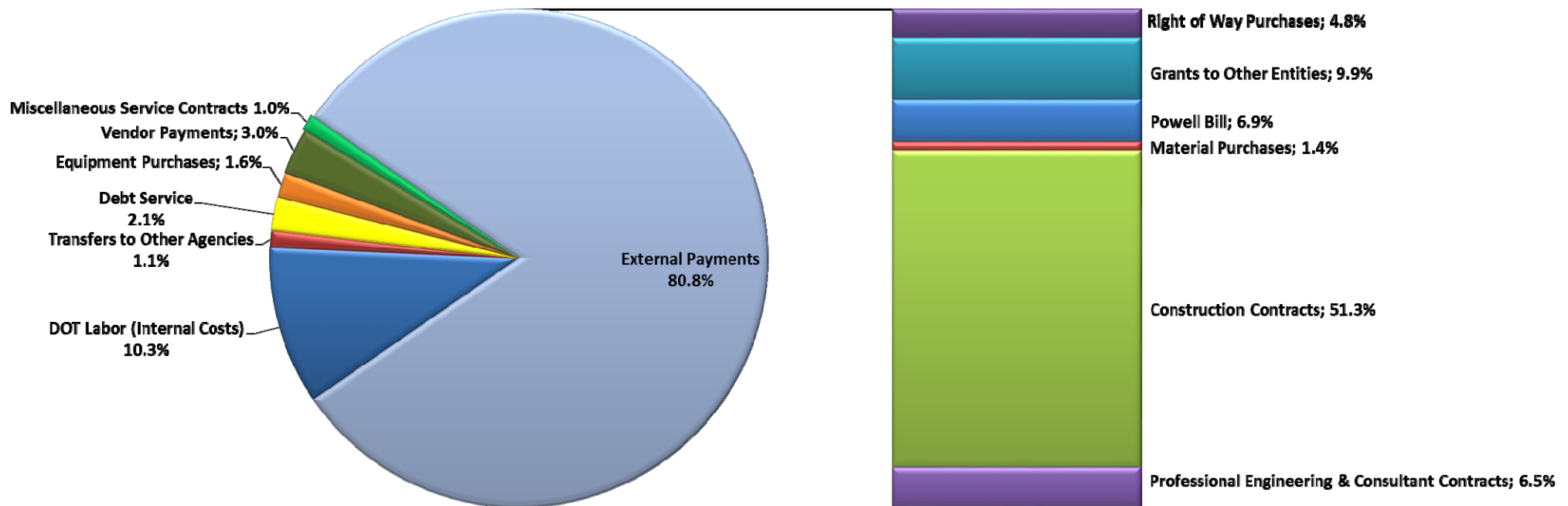
(\$ in millions)

SFY2018 NCDOT Sources and Uses

Total Funding = \$4.9 Billion



NCDOT Expenditures SFY2018 as of October 31, 2017





North Carolina Department of Transportation
Transportation Program Management Unit - Value Management
Innovative Technologies and Products Awareness Report
December 7, 2017



PRODUCT HIGHLIGHT – PIVOTED TURNBUCKLE MANHOLE RISER

The innovative Pivoted Turnbuckle Manhole Riser was developed by American Highway Products and has been used throughout North Carolina by cities, towns, municipalities, and the NCDOT. Risers are used on utility boxes, valve boxes, and monuments during projects where the pavement level is being replaced or raised. Compared to traditional risers that are typically made of steel and welded in place, these risers use an adjustable turnbuckle to secure them in place. The turnbuckle manhole risers have shown no on-going issues such as moving under traffic. The lids are easy to install and remove. With these risers, repaving may be completed against the riser without issue and no surrounding indent or “dip” in the road surrounding the manhole. The risers cause no issue with snowplowing or other maintenance activities because they are at the grade of the pavement. Manhole installation, without an adjustable riser, takes 90 minutes per riser. The turnbuckle riser takes approximately 30 minutes to install which equates to 16 risers per day for one crew versus five (5).



Example of installation of riser.

The fact that the risers can be adjusted means that older manholes can be repaired at their existing size instead of installing an entirely new manhole or order a riser size that is no longer common at increased cost. They are approved for use on the Approved Product List. The 1 ½” riser rings were used in Division 3 (DC-00155, completed this year) for adjusting manholes, water valves, and monuments on a resurfacing project in addition to other projects throughout the state. There have been no maintenance issues reported after construction.

More information may be found at <http://www.ahp1.com/manhole-riser.php>.

PRODUCT INNOVATION – PROFOSCOPE



Profoscope.

The Profoscope is a new technology that is being used by the Department’s Materials and Tests Unit. This product replaces the existing pachometer, a non-destructive tool used for evaluating hardened concrete structures, which the Department has used for over a decade. The pachometer was used to determine the spacing of reinforcement bars and the depth of concrete cover only. The Profoscope can complete those tasks and provide the location and diameter of the rebar.



Example of Profoscope in the field.

This detailed information provides the necessary data to determine the type of repair needed or milling depth. Insufficient cover could lead to premature pavement distresses as well as potential corrosion in the reinforcement. The Profoscope, made by Proceq, can capture this information in a quick and thorough way. The Profoscope can provide an alert at threshold depths which allows the engineer to inspect and cover a larger area. This innovation improves project delivery and saves the Department time and money. While in the field, the engineer can manually store data on concrete cover and rebar details at a specific spot or during a widespread scan it can automatically scan every time a rebar is detected and store valuable data. The data collected in the field on the rebar depth can be exported and used for design. This innovative technology is new to the Department as of this year and is aiding the Department in ensuring that sufficient concrete cover is on bridge decks. More information may be found at: <https://www.proceq.com/compare/rebar-detection-and-cover-measurement/>

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ADDITIONS to the Transit 2018-2027 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)
TP-5151	Orange Public Transportation	Capital Items: Software and Technology equipment (automated passenger counters)	5307	STBGDA	18							
TA-5178	Iredell County Area Transportation	Replacement Buses	5307	STPDA	312							
			Local	L	78							

ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY 16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)
TO-5134	Piedmont Authority for Regional Transportation	Operating Assistance	5307	FUZ			250	250	250	250	250	250	250	250
			Local	L			250	250	250	250	250	250	250	250

Item I-1B, 3 Projects, Total Federal/State funds \$ 2,330,000

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP ADDITIONS**

DIVISION 2

* B-5619	SR 1389, REPLACE BRIDGE 530152 OVER NEUSE	RIGHT-OF-WAY	FY 2021 -	\$285,000	(STBGOF)
LENOIR	RIVER OVERFLOW.	CONSTRUCTION	FY 2022 -	<u>\$2,850,000</u>	(STBGOF)
PROJ.CATEGORY	<u>PROJECT ADDED WITH RIGHT OF WAY IN FY 21 AND</u>			\$3,135,000	
DIVISION	<u>CONSTRUCTION IN FY 22.</u>				

I-6002	FUTURE I-42, DOVER IN JONES COUNTY TO NEUSE	CONSTRUCTION	FY 2018 -	<u>\$29,880,000</u>	(T)
CRAVEN	RIVER BRIDGE IN CRAVEN COUNTY. PAVEMENT			\$29,880,000	
JONES	REHABILITATION.				
PROJ.CATEGORY	<u>ADD NEW PROJECT WITH CONSTRUCTION IN FY 18</u>				
STATEWIDE	<u>NOT PREVIOUSLY PROGRAMMED.</u>				

DIVISION 3

* B-5981	US 117 NBL, REPLACE BRIDGE 300016 OVER CSX	RIGHT-OF-WAY	FY 2020 -	\$443,000	(STBG)
DUPLIN	RAILROAD.	CONSTRUCTION	FY 2022 -	<u>\$4,425,000</u>	(STBG)
PROJ.CATEGORY	<u>PROJECT ADDED WITH RIGHT OF WAY IN FY 20 AND</u>			\$4,868,000	
STATEWIDE	<u>CONSTRUCTION IN FY 22</u>				

DIVISION 5

* U-6093	SR 2542 (ROCK QUARRY ROAD), OLDE BIRCH ROAD TO	ENGINEERING	FY 2018 -	\$1,100,000	(L)
WAKE	SR 2544 (SUNNYBROOK ROAD) IN RALEIGH. WIDEN TO	RIGHT-OF-WAY	FY 2018 -	\$1,100,000	(L)
PROJ.CATEGORY	4-LANE DIVIDED FACILITY.	CONSTRUCTION	FY 2018 -	<u>\$8,000,000</u>	(L)
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO AND CITY.</u>			\$10,200,000	

DIVISION 6

B-5985	NC 41/NC 72/SR 1600, REPLACE BRIDGE 770125 AND	RIGHT-OF-WAY	FY 2021 -	\$1,668,000	(T)
ROBESON	770175 OVER LUMBER RIVER.	CONSTRUCTION	FY 2022 -	<u>\$16,675,000</u>	(T)
PROJ.CATEGORY	<u>PROJECT ADDED WITH RIGHT OF WAY IN FY 21 AND</u>			\$18,343,000	
REGIONAL	<u>CONSTRUCTION IN FY 22.</u>				

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 1

* R-5781	VARIOUS, DIVISION 1 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BERTIE	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
CAMDEN	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
CHOWAN	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
CURRITUCK	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
DARE	<u>PROGRAMMED.</u>				
GATES					
HERTFORD					
HYDE					
MARTIN					
NORTHAMPTON					
PASQUOTANK					
PERQUIMANS					
TYRRELL					
WASHINGTON					
PROJ.CATEGORY					
DIVISION					

DIVISION 2

* AV-5743	WARREN FIELD (OCW), ACQUIRE LAND FOR AND	RIGHT-OF-WAY	FY 2019 -	\$300,000	(T)
BEAUFORT	CONSTRUCT RUNWAY 5-23 EXTENSION AND	CONSTRUCTION	FY 2020 -	\$3,276,000	(T)
PROJ.CATEGORY	TAXIWAY.			\$3,576,000	
DIVISION	<u>ADD RIGHT-OF-WAY IN FY 19 NOT PREVIOUSLY</u>				
	<u>PROGRAMMED AND DELAY CONSTRUCTION FROM FY</u>				
	<u>18 TO FY 20.</u>				
* R-5782	VARIOUS, DIVISION 2 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BEAUFORT	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
CARTERET	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
CRAVEN	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
GREENE	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
JONES	<u>PROGRAMMED.</u>				
LENOIR					
PAMLICO					
PITT					
PROJ.CATEGORY					
DIVISION					

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 2

R-5813	US 70, SR 1227 (JIM SUTTON ROAD)/SR 1252 (WILLIE	RIGHT-OF-WAY	FY 2022 -	\$3,300,000	(T)
LENOIR	MEASLEY ROAD). CONSTRUCT AT GRADE		FY 2022 -	\$500,000	(T)
PROJ.CATEGORY	INTERSECTION TO INTERCHANGE	CONSTRUCTION	FY 2024 -	\$4,067,000	(T)
REGIONAL	<u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 22</u>		FY 2025 -	\$4,067,000	(T)
	<u>AND CONSTRUCTION FROM FY 25 TO FY 24.</u>		FY 2026 -	\$4,066,000	(T)
				\$16,000,000	

DIVISION 3

AV-5842	DUPLIN COUNTY AIRPORT (DPL), WIDEN RUNWAY AND	CONSTRUCTION	FY 2018 -	\$3,950,000	(T)
DUPLIN	STRENGTHEN PAVEMENT TO ACCOMMODATE			\$3,950,000	
PROJ.CATEGORY	LARGER AIRCRAFT.				
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 18.</u>				

* I-5780	I-40, EAST OF JOHNSTON COUNTY LINE (MILEMARKER	CONSTRUCTION	FY 2019 -	\$5,813,000	(NHFP)
SAMPSON	340) TO WEST OF DUPLIN COUNTY LINE (MILEMARKER		FY 2020 -	\$5,812,000	(NHFP)
PROJ.CATEGORY	360). PAVEMENT REHABILITATION.			\$11,625,000	
STATEWIDE	<u>DESCRIPTION REVISED AS FOLLOWS: I-40, EAST OF</u>				
	<u>JOHNSTON COUNTY LINE (MILEMARKER 340) TO</u>				
	<u>WEST OF DUPLIN COUNTY LINE (MILEMARKER 360).</u>				

* I-5940	I-40, EAST OF SAMPSON COUNTY (MILEMARKER 360)	CONSTRUCTION	FY 2019 -	\$9,735,000	(NHPIM)
DUPLIN	TO EAST OF SR 1318 (CAMP KIRKWOOD ROAD)		FY 2020 -	\$9,735,000	(NHPIM)
PENDER	(MILEMARKER 393) IN PENDER COUNTY. PAVEMENT			\$19,470,000	
PROJ.CATEGORY	REHABILITATION.				
STATEWIDE	<u>DESCRIPTION REVISED AS FOLLOWS: I-40, EAST OF</u>				
	<u>SAMPSON COUNTY (MILEMARKER 360) TO EAST OF</u>				
	<u>SR 1318 (CAMP KIRKWOOD ROAD) (MILEMARKER 393)</u>				
	<u>IN PENDER COUNTY.</u>				

R-2561CA	NC 87 AT NC 11. CONSTRUCT INTERCHANGE.	RIGHT-OF-WAY	FY 2022 -	\$1,100,000	(T)
COLUMBUS	<u>SEGMENT EXISTING STIP PROJECT R-2561C TO</u>	UTILITIES	FY 2022 -	\$300,000	(T)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION OF INTERCHANGE AT</u>	CONSTRUCTION	FY 2024 -	\$7,100,000	(T)
REGIONAL	<u>NC 11. ACCELERATE RIGHT OF WAY FROM FY 25 TO</u>			\$8,500,000	
	<u>FY 22 AND CONSTRUCTION FROM FY 27 TO FY 24.</u>				

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 3

* R-5783	VARIOUS, DIVISION 3 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BRUNSWICK	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
DUPLIN	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
NEW HANOVER	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
ONslow	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
PENDER	<u>PROGRAMMED.</u>				
SAMPSON					
PROJ.CATEGORY					
DIVISION					

R-5857	US 17, US 17 BUSINESS SOUTH OF SHALLOTTE AND	RIGHT-OF-WAY	FY 2024 -	\$840,000	(T)
BRUNSWICK	US 17 BUSINESS NORTH OF SHALLOTTE. CONVERT		FY 2024 -	\$200,000	(T)
PROJ.CATEGORY	INTERSECTIONS TO SUPERSTREETS.	CONSTRUCTION	FY 2026 -	\$4,368,000	(T)
STATEWIDE	<u>DESCRIPTION REVISED AS FOLLOWS: US 17, US 17</u>			\$5,408,000	
	<u>BUSINESS SOUTH OF SHALLOTTE AND US 17</u>				
	<u>BUSINESS NORTH OF SHALLOTTE. CONVERT</u>				
	<u>INTERSECTIONS TO SUPERSTREETS.</u>				

U-5319	SR 1308 (GUM BRANCH ROAD), SR 1470 (WESTERN	CONSTRUCTION	FY 2018 -	\$2,950,000	(STBG)
ONslow	BOULEVARD) IN JACKSONVILLE. IMPROVE			\$2,950,000	
PROJ.CATEGORY	INTERSECTION.				
TRANSITION	<u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 18.</u>				

* U-5910	VARIOUS, GRAND STRAND AREA TRANSPORTATION	PLANNING	FY 2018 -	\$30,000	(STBGDA)
BRUNSWICK	STUDY METROPOLITAN PLANNING ORGANIZATION			\$30,000	
PROJ.CATEGORY	PLANNING ALLOCATION AND UNIFIED WORK				
DIVISION	PROGRAM.				
	<u>DELAY PRELIMINARY ENGINEERING FROM FY 17 TO</u>				
	<u>FY 18 TO COORDINATE WITH MPO PLANNING NEEDS.</u>				

DIVISION 4

* C-5546	ROCKY MOUNT, BENVENUE ROAD (NC 43/NC 48) AT	CONSTRUCTION	FY 2018 -	\$130,000	(CMAQ)
NASH	JEFFREYS ROAD. INTERSECTION IMPROVEMENTS.			\$130,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
EXEMPT	<u>DESIGN, DELAY CONSTRUCTION FROM FY 17 TO FY 18</u>				

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 4

* C-5549 NASH PROJ.CATEGORY EXEMPT	ROCKY MOUNT, WINSTEAD AVENUE. CONSTRUCT SIDEWALKS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AN DESIGN, DELAY CONSTRUCTION FROM FY 17 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$924,000 (CMAQ) \$924,000
I-4739 JOHNSTON PROJ.CATEGORY STATEWIDE	I-40, ACCESS IMPROVEMENTS IN THE VICINITY OF EXISTING I-40/NC 42 INTERCHANGE (EXIT 312). <u>ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 18 AND CONSTRUCTION FROM FY 19 TO FY 18 TO COORDINATE SCHEDULE WITH I-5111.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$26,950,000 (NHP) FY 2018 - \$3,150,000 (NHP) FY 2018 - \$1,956,000 (NHP) FY 2019 - \$9,286,000 (NHP) FY 2020 - \$9,286,000 (NHP) FY 2021 - \$9,286,000 (NHP) FY 2022 - \$9,286,000 (NHP) \$69,200,000
* I-5786A JOHNSTON PROJ.CATEGORY STATEWIDE	REPLACE BRIDGE NUMBER 117 ON SR 2399 (TRUCK STOP ROAD) OVER I-95 AND ADJUST SERVICE ROADS AND APPROACHES. <u>DESCRIPTION REVISED AS FOLLOWS: REPLACE BRIDGE NUMBER 117 ON SR 2399 (TRUCK STOP ROAD) OVER I-95 AND ADJUST SERVICE ROADS AND APPROACHES. DELAY RIGHT OF WAY FROM FY 17 TO FY 18.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$500,000 (NHPIM) FY 2018 - \$7,000,000 (NHPIM) \$7,500,000
* I-5818 WILSON PROJ.CATEGORY STATEWIDE	I-795, US 264 TO I-95. PAVEMENT REHABILITATION. <u>MODIFY PROJECT LIMITS AND COSTS.</u>	CONSTRUCTION	FY 2019 - \$3,000,000 (NHPIM) \$3,000,000
I-5937 WILSON PROJ.CATEGORY STATEWIDE	I-795, WAYNE COUNTY TO US 264. PAVEMENT REHABILITATION. <u>ACCELERATE CONSTRUCTION FROM FY 24 TO FY 18 AND MODIFY LIMITS OF PROJECT.</u>	CONSTRUCTION	FY 2018 - \$5,800,000 (NHPIM) \$5,800,000

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 4

* R-3410A JOHNSTON	NC 42, US 70 BYPASS TO US 70 BUSINESS, WIDEN TO MULTI-LANES.	RIGHT-OF-WAY	FY 2021 - \$9,134,000 (STBG)
PROJ.CATEGORY	<u>CONVERT TO DESIGN BUILD, ACCELERATE</u>	CONSTRUCTION	FY 2021 - \$1,096,000 (STBG)
REGIONAL	<u>CONSTRUCTION FROM FY 22 TO FY 21.</u>		FY 2021 - \$860,000 (STBG)
			FY 2022 - \$5,447,000 (STBG)
			FY 2023 - \$5,447,000 (STBG)
			FY 2024 - \$5,447,000 (STBG)
			\$27,431,000

* R-3410B JOHNSTON	NC 42, NC 50 TO US 70 BYPASS, WIDEN TO MULTI-LANES.	RIGHT-OF-WAY	FY 2021 - \$5,562,000 (STBG)
PROJ.CATEGORY	<u>CONVERT TO DESIGN BUILD, ACCELERATE</u>	CONSTRUCTION	FY 2021 - \$667,000 (STBG)
REGIONAL	<u>CONSTRUCTION FROM FY 22 TO FY 21.</u>		FY 2021 - \$1,575,000 (STBG)
			FY 2022 - \$9,975,000 (STBG)
			FY 2023 - \$9,975,000 (STBG)
			FY 2024 - \$9,975,000 (STBG)
			\$37,729,000

R-5722 JOHNSTON	SR 1913 (WILSON'S MILLS ROAD), SR 1501 (SWIFT CREEK ROAD) TO EAST OF SR 1908 (FIRE DEPARTMENT ROAD). INTERSECTION IMPROVEMENTS AT WILSON'S MILLS ELEMENTARY SCHOOL.	CONSTRUCTION	FY 2018 - \$1,000,000 (T)
PROJ.CATEGORY	<u>TO MINIMIZE IMPACTS TO ADJACENT SCHOOL,</u>		\$1,000,000
DIVISION	<u>DELAY CONSTRUCTION FROM FY 17 TO FY 18.</u>		

* R-5784 EDGEcombe HALIFAX JOHNSTON NASH WAYNE WILSON	VARIOUS, DIVISION 4 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.	CONSTRUCTION	FY 2018 - \$800,000 (TAP)
PROJ.CATEGORY	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY PROGRAMMED.</u>		FY 2018 - \$200,000 (O)
DIVISION			\$1,000,000

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 4

* U-5996	SR 1603 (OLD CARRIAGE ROAD), GREEN HILLS ROAD	RIGHT-OF-WAY	FY 2019 -	\$3,609,000	(T)
NASH	TO SR 1770 (EASTERN AVENUE). ADD CENTER TURN		FY 2019 -	\$1,000,000	(T)
PROJ.CATEGORY	LANE AND WIDEN US 64 BRIDGE OVER SR 1603.	CONSTRUCTION	FY 2020 -	\$7,980,000	(T)
DIVISION	<u>TO COORDINATE WITH SCHEDULE FOR R-5720, DELAY</u>		FY 2021 -	\$7,980,000	(T)
	<u>RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>		FY 2022 -	\$7,980,000	(T)
				\$28,549,000	

DIVISION 5

* R-5785	VARIOUS, DIVISION 5 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
DURHAM	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(S(E))
FRANKLIN	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
GRANVILLE	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
PERSON	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
VANCE	<u>PROGRAMMED.</u>				
WAKE					
WARREN					
PROJ.CATEGORY					
DIVISION					

* U-4727	VARIOUS, DURHAM-CHAPEL HILL-CARRBORO	PLANNING	FY 2018 -	\$1,738,000	(STBGDA)
CHATHAM	METROPOLITAN PLANNING ORGANIZATION		FY 2018 -	\$435,000	(L)
DURHAM	(DCHCMPO) PLANNING ALLOCATION AND UNIFIED			\$2,173,000	
ORANGE	WORK PROGRAM.				
PROJ.CATEGORY	<u>ADD STBGDA FUNDS IN FY 18 NOT PREVIOUSLY</u>				
DIVISION	<u>PROGRAMMED, AT REQUEST OF MPO TO</u>				
	<u>SUPPLEMENT PLANNING ACTIVITIES.</u>				

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

* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

7

REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 6

* R-5786	VARIOUS, DIVISION 6 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BLADEN	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
COLUMBUS	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
CUMBERLAND	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
HARNETT	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
ROBESON	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

DIVISION 7

* R-5787	VARIOUS, DIVISION 7 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
ALAMANCE	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(S(E))
CASWELL	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
GUILFORD	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
ORANGE	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
ROCKINGHAM	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

DIVISION 8

* R-5788	VARIOUS, DIVISION 8 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
CHATHAM	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(S(E))
HOKE	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
LEE	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
MONTGOMERY	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
MOORE	<u>PROGRAMMED.</u>				
RANDOLPH					
RICHMOND					
SCOTLAND					
PROJ.CATEGORY					
DIVISION					

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Thursday, December 07, 2017

REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 9

* R-5789	VARIOUS, DIVISION 9 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
DAVIDSON	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(S(E))
DAVIE	WITH DISABILITIES ACT (ADA) USING			\$1,000,000	
FORSYTH	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
ROWAN	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
STOKES	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

DIVISION 10

U-5804B	SR 3448 (SOUTH TRADE STREET), FOUR MILE CREEK	CONSTRUCTION	FY 2018 -	\$4,925,000	(T)
MECKLENBURG	TO WEDDINGTON ROAD. WIDEN TO FOUR-LANES.			\$4,925,000	
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>				
DIVISION	<u>THRESHOLDS</u>				

STIP DELETIONS

DIVISION 2

U-5953	NC 102, AYDEN ELEMENTARY SCHOOL. CONSTRUCT	RIGHT-OF-WAY	FY 2019 -	\$100,000	(T)
PITT	RIGHT TURN LANE.		FY 2019 -	\$100,000	(T)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER STATE</u>	CONSTRUCTION	FY 2020 -	\$300,000	(T)
REGIONAL	<u>HIGHWAY FUNDED PROJECT.</u>			\$500,000	

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS MEETING MINUTES

DATE: 11/1/17 TIME: 3:40 pm LOCATION: 150

MEETING CALLED BY	Chairwoman Valerie Jordan
BOARD ATTENDEES	Hugh Overholt , Andy Perkins, Cullie Tarleton, John Pope, Daniel McComas, Gus Tolloss, Billy Clarke

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF OCTOBER 4TH MINUTES – CHAIRWOMAN VALERIE JORDAN	
DISCUSSION SUMMARY	Chairwoman Jordan called the committee to order, presented roll call, and asked for a motion to approve the minutes as distributed.
ACTIONS TAKEN	A motion to approve the October 4 th 2017 EDIR committee meeting minutes as distributed was made by Ms. Jordan, motion was moved and seconded. The committee approved unanimously.
2. OVERVIEW OF TURNPIKE AUTHORITY – BEAU MEMORY, EXECUTIVE DIRECTOR	
DISCUSSION SUMMARY	Mr. Memory gave an overview on autonomous vehicles, tri-protocol technology and wrong-way driver detection and prevention. Next steps included a memorandum agreement with USDOT, proposals to attract auto industry testing in NC and the development of a marketing plan. Mr. Memory addressed concerns with the ez-pass stickers and transponders and the solutions for cost savings for NC. Mr. Memory discussed potential solutions for the Monroe Expressway to assist with alerting wrong-way drivers.
ACTIONS TAKEN	No action taken.
3. OVERVIEW OF SAS – ERIC HUNLEY, SENIOR MANAGER	
DISCUSSION SUMMARY	<p>Mr. Hunley gave an overview on the history of SAS and their future. He explained the “Data for Good” program that helps humanity to rebuild their community and do it in a cost effective way. Their organization has a strong focus on education structured around SAS analytics, data science and curriculum pathways. There was a big focus on “The Internet of Things” (IoT) and its effects on a community, and the intelligence for the connected world. Mr. Hunley showed the Board several videos that gave a broader look into how the Internet of Things would work in the world dealing with multiple streams of technology. A few of those technologies mentioned were cars, mobile phones, health and factory connections. Some transportation/government customers that collaborate with SAS are FDOT, MassDOT, Turnpike Authority, Federal Railroad Administration and NCDOT. Some of SAS’s international partners are United Nations, Fraport, Airport Services Worldwide, DGT and the VA Group.</p> <p>Questions:</p> <p>Nina Szlosberg-Landis asked for a “best guess” on full integration of autonomous vehicles.</p> <p>Eric Hunley replied that autonomous vehicles will be an option and it was unlikely that all vehicles will “age-out” and use only autonomous vehicles. The option to choose will be sooner than expected.</p> <p>Valerie Jordan asked if there will be more people choosing to drive autonomous vehicles.</p> <p>Eric Hunley replied that 90% of the time will be utilized by driving autonomous vehicles which</p>



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS MEETING MINUTES

	<p>would eliminate the need for vehicles on the road.</p> <p>Eric Hunley addressed questions around human error and precautions. He mentioned Pittsboro already having a fully autonomous Uber.</p> <p>Hugh Overholt asked about ethical checks on the technology.</p> <p>Eric Hunley replied that it is buyer beware technology. There have been some concerns about safety and the information is being collected and documented. He reminded everyone that autonomous vehicles can be programmed.</p>
ACTIONS TAKEN	No action taken.

Adjourned 4:40 pm



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) AGENDA

BOARD OF TRANSPORTATION DECEMBER 6, 2017

TIME: 3:00

LOCATION: Room 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 1, 2017 Meeting Minutes	Chair, Valerie Jordan	3:00-3:05
Introduction of panel discussion – NCDOT Workforce Development Efforts & Partnerships	Chief Deputy Secretary, David Howard	3:05-3:10
OCR Presentation	Shelby Scales, OCR Director Betsy Bailey, NC Government Relations Director	3:10-3:40
Comments and Wrap up	Chair, Valerie Jordan	3:40-3:43
Adjourn	Chair, Valerie Jordan	3:43-3:45



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS MEETING MINUTES

DATE: 11/1/17 TIME: 3:40 pm LOCATION: 150

MEETING CALLED BY	Chairwoman Valerie Jordan
BOARD ATTENDEES	Hugh Overholt , Andy Perkins, Cullie Tarleton, John Pope, Daniel McComas, Gus Tolloss, Billy Clarke

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ACTIONS TAKEN	No action taken.
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DISCUSSION SUMMARY	<p>Mr. Hunley gave an overview on the history of SAS and their future. He explained the “Data for Good” program that helps humanity to rebuild their community and do it in a cost effective way. Their organization has a strong focus on education structured around SAS analytics, data science and curriculum pathways. There was a big focus on “The Internet of Things” (IoT) and its effects on a community, and the intelligence for the connected world. Mr. Hunley showed the Board several videos that gave a broader look into how the Internet of Things would work in the world dealing with multiple streams of technology. A few of those technologies mentioned were cars, mobile phones, health and factory connections. Some transportation/government customers that collaborate with SAS are FDOT, MassDOT, Turnpike Authority, Federal Railroad Administration and NCDOT. Some of SAS’s international partners are United Nations, Fraport, Airport Services Worldwide, DGT and the VA Group.</p> <p>Questions:</p> <p>Nina Szlosberg-Landis asked for a “best guess” on full integration of autonomous vehicles.</p> <p>Eric Hunley replied that autonomous vehicles will be an option and it was unlikely that all vehicles will “age-out” and use only autonomous vehicles. The option to choose will be sooner than expected.</p> <p>Valerie Jordan asked if there will be more people choosing to drive autonomous vehicles.</p> <p>Eric Hunley replied that 90% of the time will be utilized by driving autonomous vehicles which</p>



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS MEETING MINUTES

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ACTIONS TAKEN	No action taken.

Adjourned 4:40 pm



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) AGENDA

BOARD OF TRANSPORTATION DECEMBER 6, 2017

TIME: 3:00

LOCATION: Room 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 1, 2017 Meeting Minutes	Chair, Valerie Jordan	3:00-3:05
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- **NCDOT Opportunities for You
On the Job Training**



**Recruit
Train
Retain
Grow**

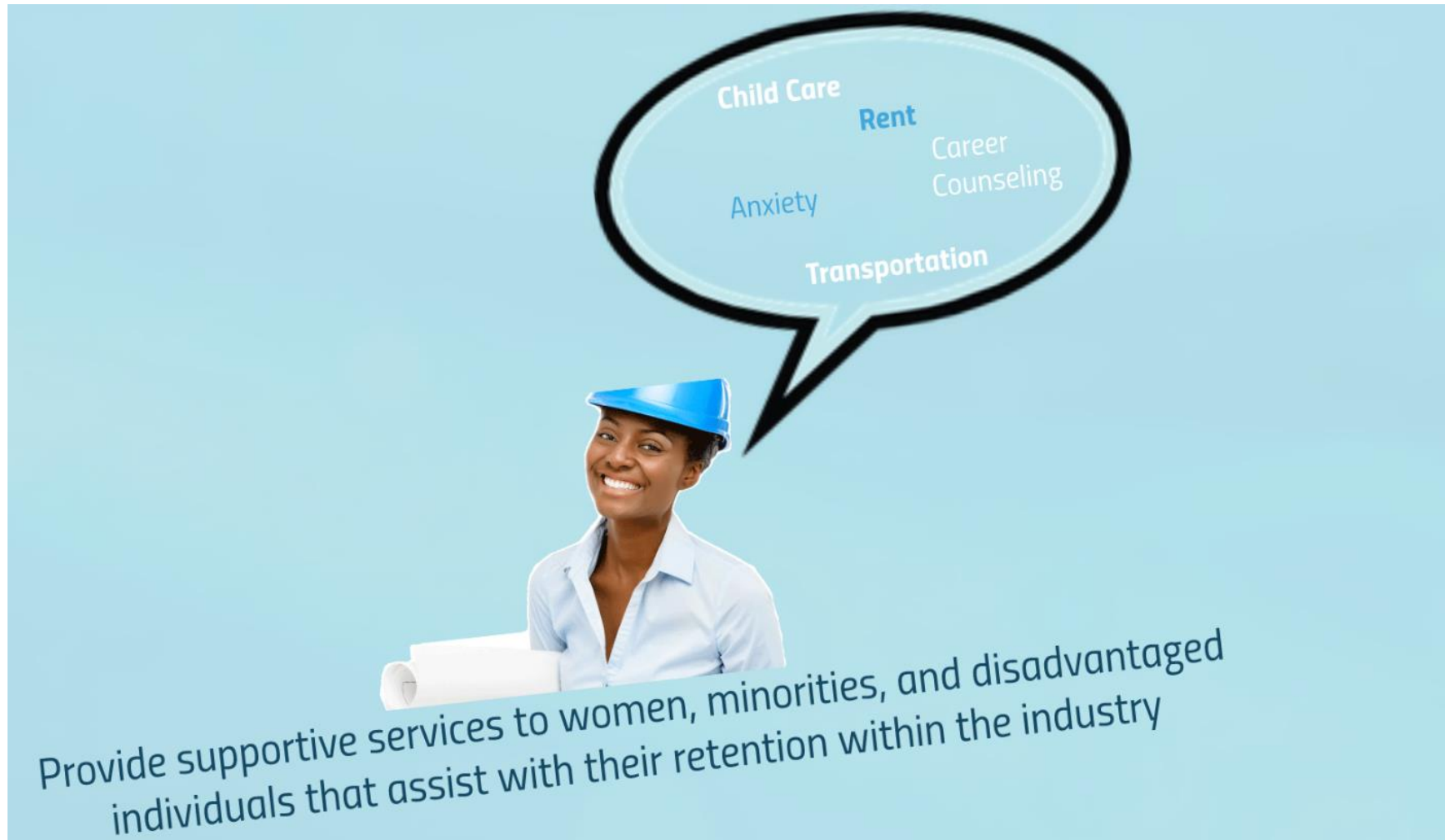




Educate the future workforce in career opportunities in the highway construction industry



Collaborate with community-based and industry partners to develop construction trades training



Challenges



Overall Minority Trainee Enrollment Graduation



Inadequate highway construction workforce to meet the needs of prime contractors

Overall Minority Trainee Enrollment Graduation







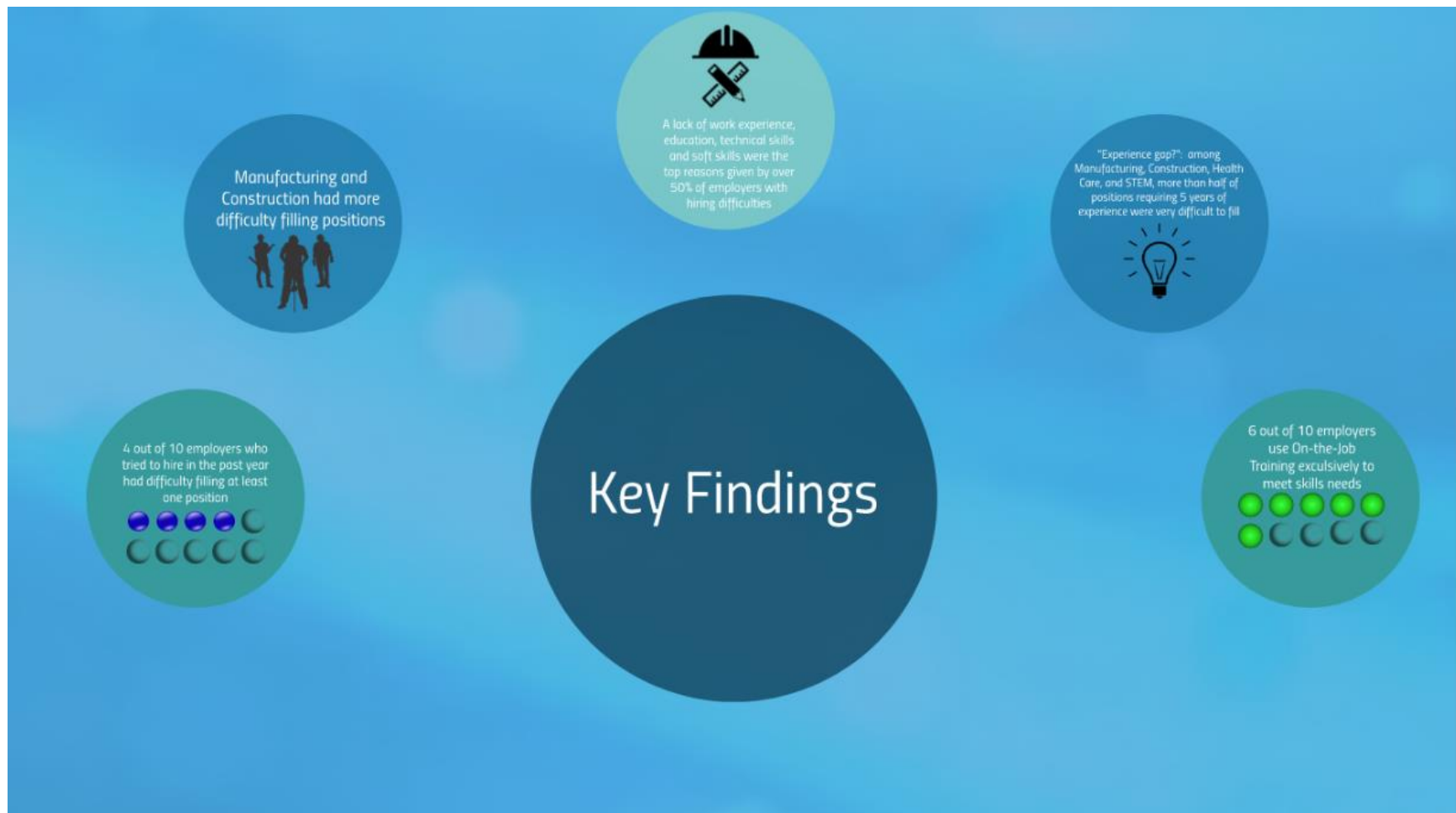
Marketing and
community engagement
to support OJT Program
opportunities

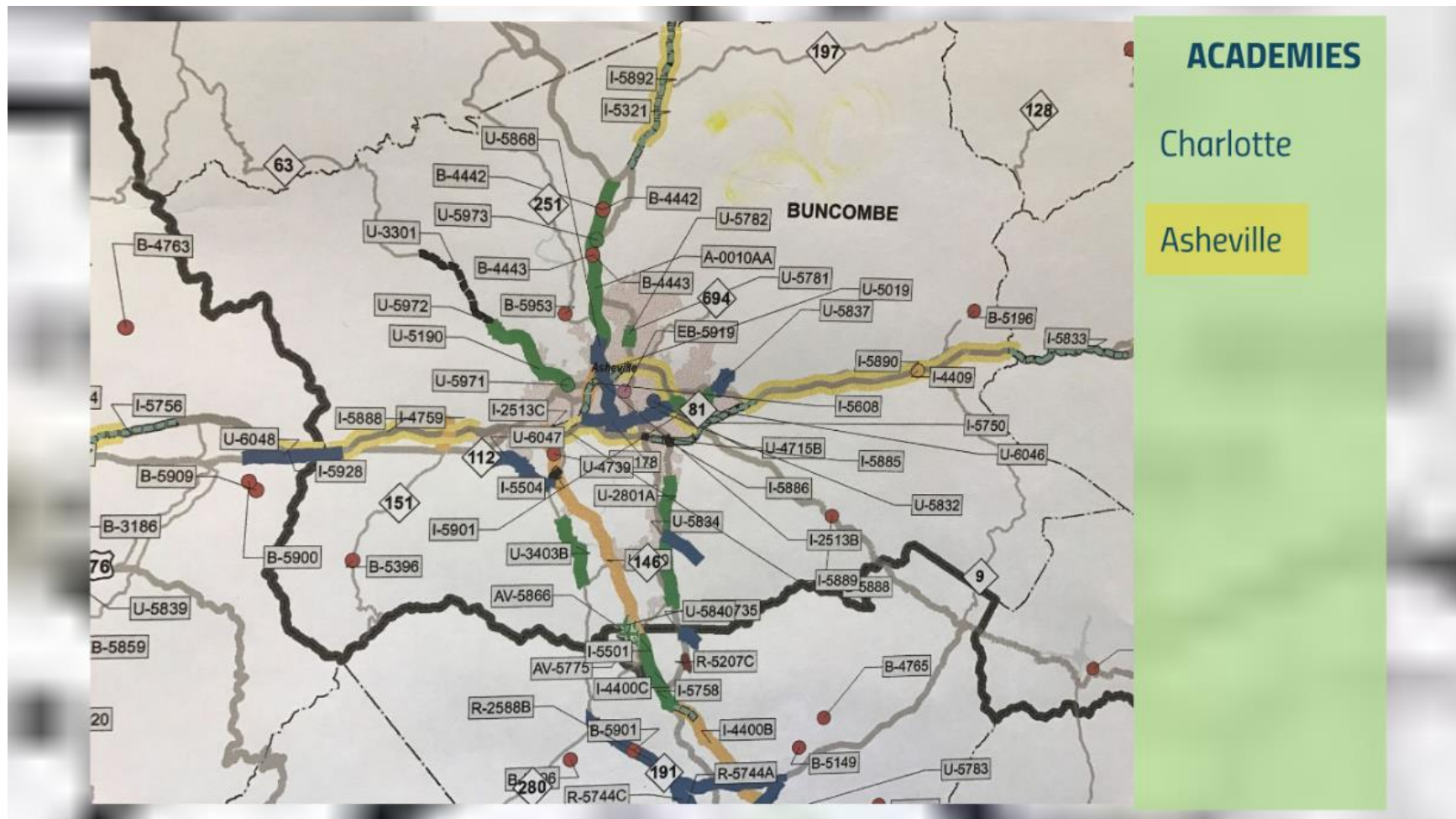


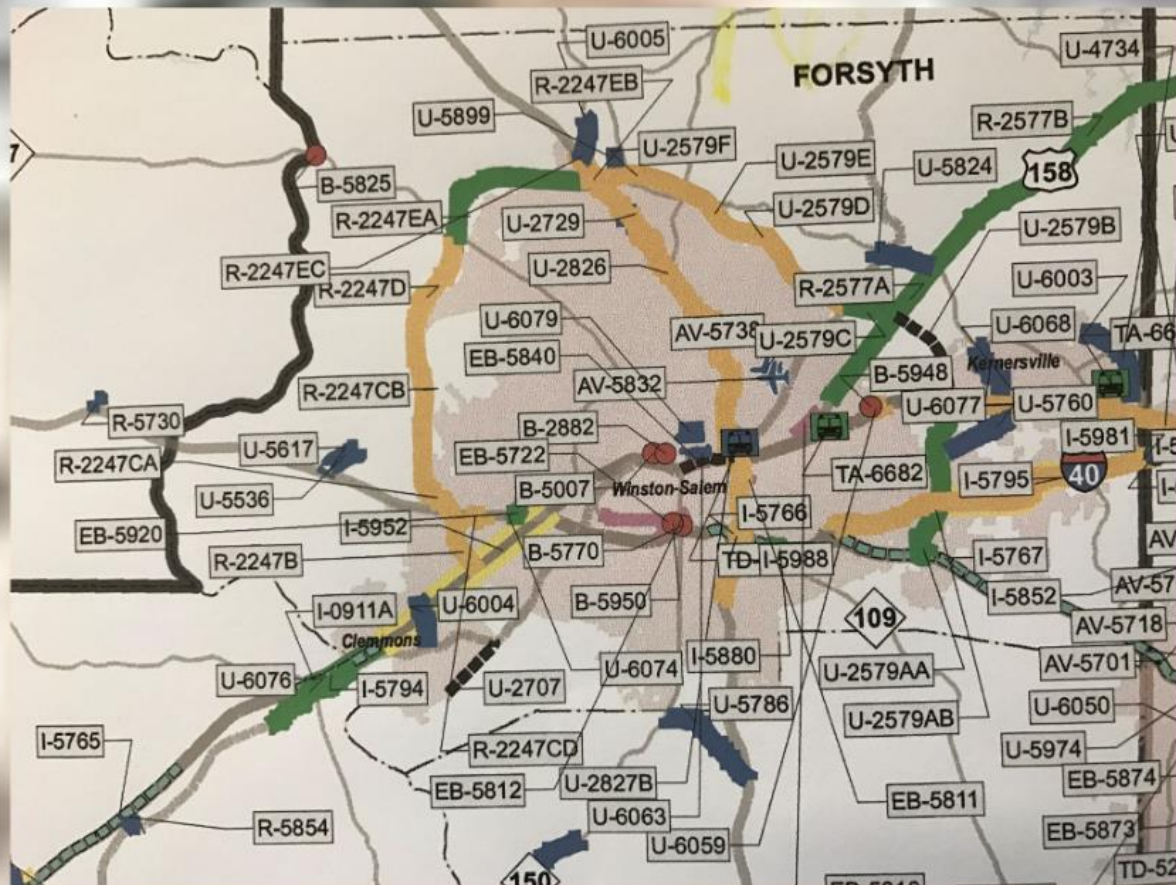
Leveraging the OJT
program with
community partners
to accomplish our
workforce goals

Opportunities









ACADEMIES

Charlotte

Asheville

Forsyth





ACADEMIES

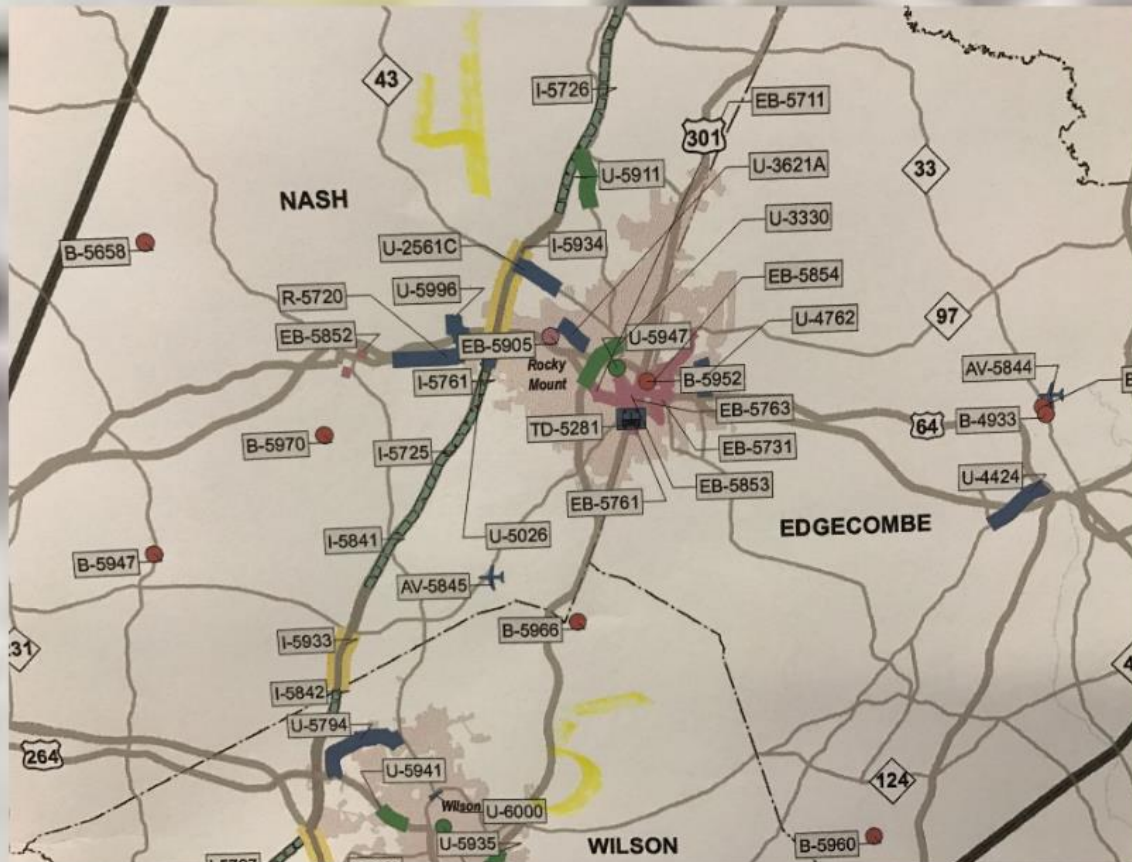
Charlotte

Asheville

Forsyth

Guilford

Triangle



ACADEMIES

Charlotte

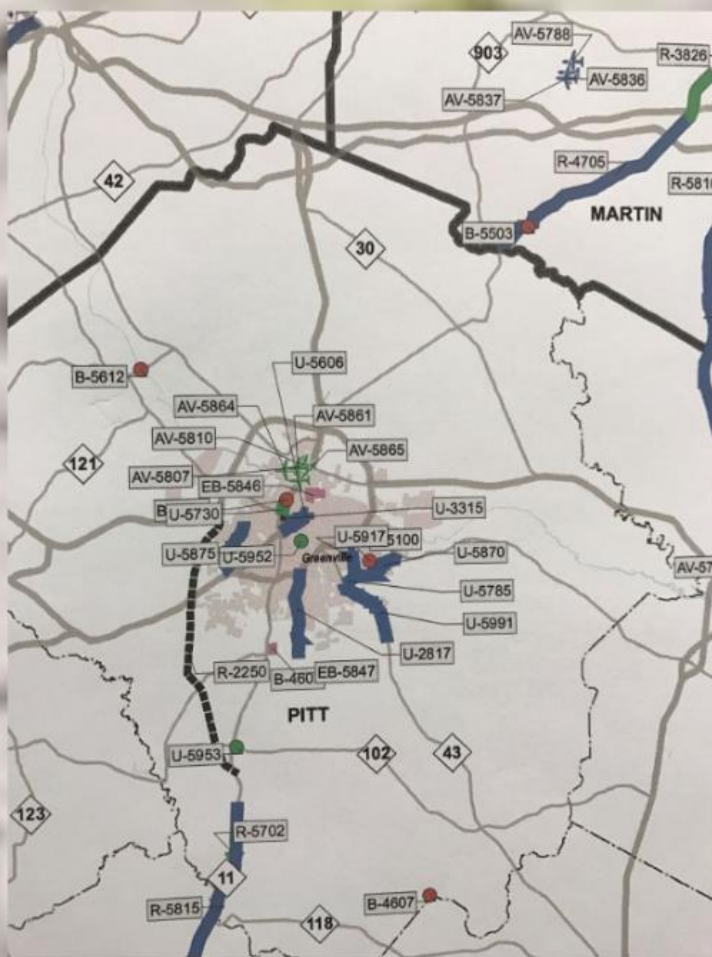
Asheville

Forsyth

Guilford

Triangle

Rocky Mount



ACADEMIES

Charlotte

Asheville

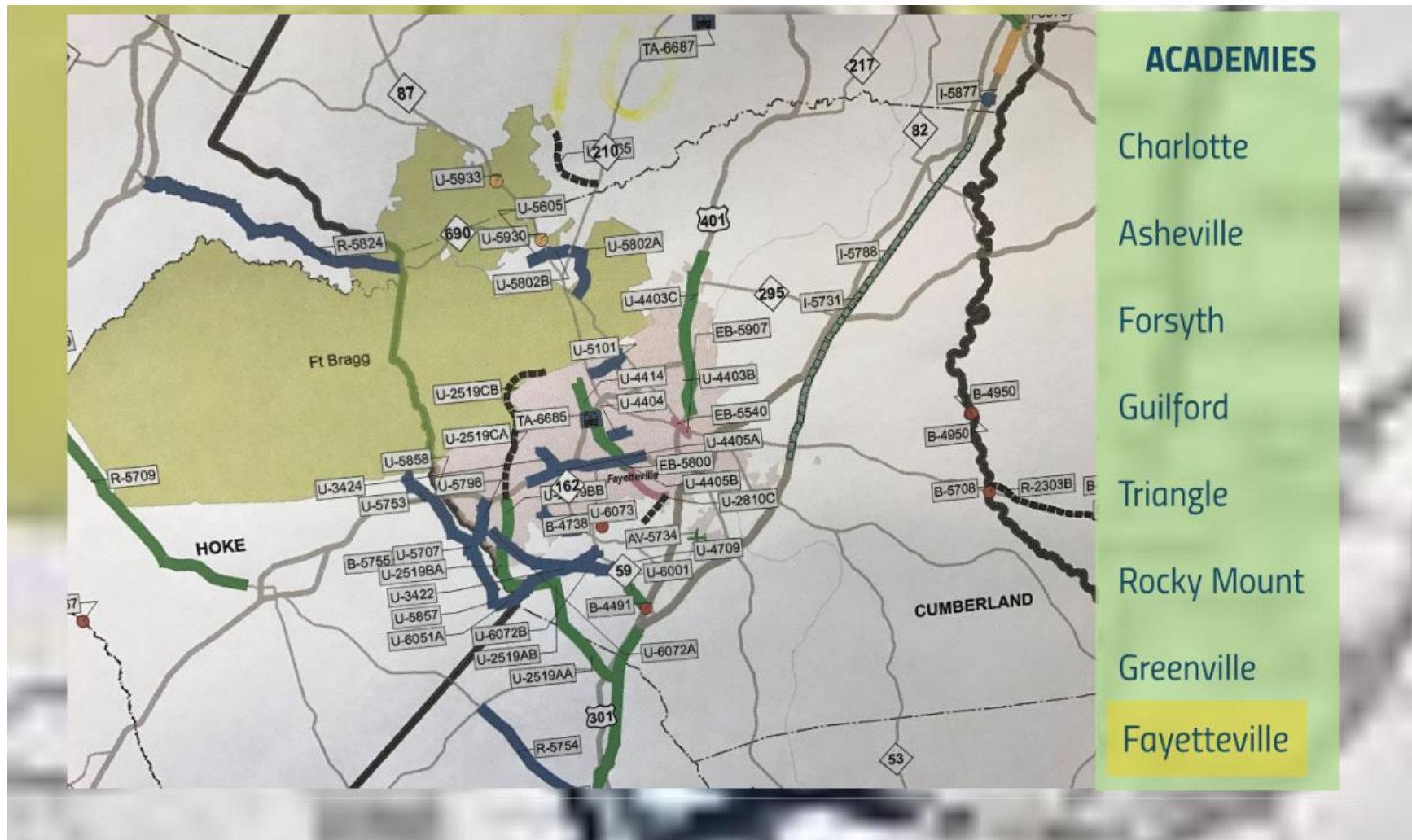
Forsyth

Guilford

Triangle

Rocky Mount

Greenville



We are focusing on three primary
initiatives for 2018

High School Students through Career Fairs and Expos



Construction Trades Academies



Apprenticeship Programs along with HBCU's



Moving North Carolina Forward

Goals and Performance Measures

Focus Area	2017	2018
High School Career Fairs	3057	5000
Constuction Trades Academies	142	640
Industry Hires	30	100
HBCU Aprenticeships	0	4

OJT Program Trainees 609 from 2014-2016
with a 20% increase in 2018



Goals and Performance Measures

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HBCU Aprenticeships	0	4

OJT Program Trainees 609 from 2014-2016
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NCDOT On-the-Job Training



Developing a Skilled Workforce for the NCDOT





Contact us



A blue rectangular graphic with several overlapping circles in various colors (green, red, orange, purple, blue, brown, dark blue). The text "Office of Civil Rights" is centered in a large, dark grey font. Below it, the letters "N", "C", "D", "O", and "T" are each inside a colored circle (red, green, orange, purple, blue respectively). Below these circles, the letters "O", "J", and "T" are written in a smaller, dark grey font.

Office of Civil Rights

N

C

D

O

T

O J T

NCDOT Office of Civil Rights

Main

(919) 508 - 1875

Register

<https://connect.ncdot.gov/business/SmallBusiness/OnTheJobTraining/Pages/Register.aspx>

Website

<https://connect.ncdot.gov/business/SmallBusiness/OnTheJobTraining/Pages/default.aspx>





FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

DATE: November 1, 2017 TIME: 3:40pm LOCATION: Board Room

MEETING CALLED BY	Chair Tony Lathrop
BOARD ATTENDEES	Tony Lathrop, David Tyeryar, Jack Debnam, Nina Szlosberg-Landis, Landon Zimmer, Grady Hunt, Allen Moran, Michael Wells,

AGENDA TOPICS

1.	
DISCUSSION SUMMARY	October 2017 FAST Meeting Minutes
ACTIONS TAKEN	Approved Unanimously

2.	TIP Program Development – Van Argabright
DISCUSSION SUMMARY	STIP budget is made up of all federal aid funding and all State Highway Trust Fund revenues, which include all of the highway use tax, 15% DMV fees, and 29% of motor fuels tax. Budget is developed by Financial Management Division. They project out and compute our 10-year revenues. State trust funds are \$1.7B per year and Federal is \$1.2 B per year. The State takes out Turnpike Gap Funding, and Federal takes out State planning & Research Funds. Next step is developed by the STIP Unit. STIP Unit develops Statewide, Regional and Division tier budgets. Begin with net funding available then deducts reserves for preliminary engineering, construction cost over-runs, bonus allocation, and inflation. The result of the program is \$900M per year for Statewide, \$700M for the Regional Tier, and \$700 M for the Division tier. Statewide Mobility Program is allocated 40% of available funding. No geographical funding distribution. Project selection based on 100% technical score. 153 projects selected using SPOT P4.0 and 132 projects selected using alternate criteria. SPOT 4.0 selected projects in 30 counties. Regional Impact Program has 30% allocated available funding. Funding allocated based on regional population. 342 projects selected using SPOT P4.0 scoring and 40 projects selected using alternate criteria. SPOT 4.0 selected projects in 59 counties. Division needs allocated 30% available funding. Funding allocated equally to the 14 divisions. 599 projects selected using SPOT 4.0 and 101 projects selected using alternate criteria. SPOT 4.0 selected projects in 93 counties.
ACTIONS TAKEN	N/A



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

3. Quarterly Financial Update – David Tyeryar

DISCUSSION SUMMARY	<p>State Controller's Quarterly Report stated that consumer confidence is at the highest level in 17 years. Inflation adjusted wage growth is stagnant. The State Controller, David Tyeryar, and the Commissioner of Revenue are watching the three-month trend closely. Revenue shortfall of 1%. \$23M is in DMV revenue and fees, which is slightly down 1%. FY2017-2018 probably on track. FY 2016-2017 is higher because we had catch up adjustment we compensated for in 2016.</p> <p>Maintenance is above where expected because we are becoming more aggressive on spending. Maintenance is starting to be based on cash flowing maintenance projects. Less aggressive in the debt market than we have been in the prior years because we don't have a need to see sell right now..</p> <p>Expenditures – Aviation received additional funding for doing capital improvements or paying debt services in the current FY. Administration: Is down due to the IT carryforward.</p> <p>We are heavily reliant on motor fuel tax. Federal spending is predominately on motor fuel tax as well. Expenditures are 50% of construction and 30% of maintenance. Debt Service, Administrative and Other Modes are taken off the top.</p>
ACTIONS TAKEN	N/A

4. MEETING ADJOURNED – CHAIR TONY LATHROP

DISCUSSION SUMMARY	Chair Tony Lathrop adjourned meeting at 5:00pm
ACTIONS TAKEN	N/A



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 6, 2017

TIME: 3:00pm

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 2017 FAST Meeting Minutes	Tony Lathrop, Chair	3:00pm
Program Delivery	Bobby Lewis	3:05pm
National Transportation Revenues	Jennifer Brickett	3:25pm
Future of NC Revenue Growths	Burt Tasaico	3:45pm
Adjourn	Tony Lathrop, Chair	4:00pm



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

DATE: November 1, 2017 TIME: 3:40pm LOCATION: Board Room

MEETING CALLED BY	Chair Tony Lathrop
BOARD ATTENDEES	Tony Lathrop, David Tyeryar, Jack Debnam, Nina Szlosberg-Landis, Landon Zimmer, Grady Hunt, Allen Moran, Michael Wells,

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ACTIONS TAKEN	N/A



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ACTIONS TAKEN	N/A

4. MEETING ADJOURNED – CHAIR TONY LATHROP

DISCUSSION SUMMARY	Chair Tony Lathrop adjourned meeting at 5:00pm
ACTIONS TAKEN	N/A



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 6, 2017

TIME: 3:00pm

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 2017 FAST Meeting Minutes	Tony Lathrop, Chair	3:00pm
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NORTH CAROLINA

Department of Transportation



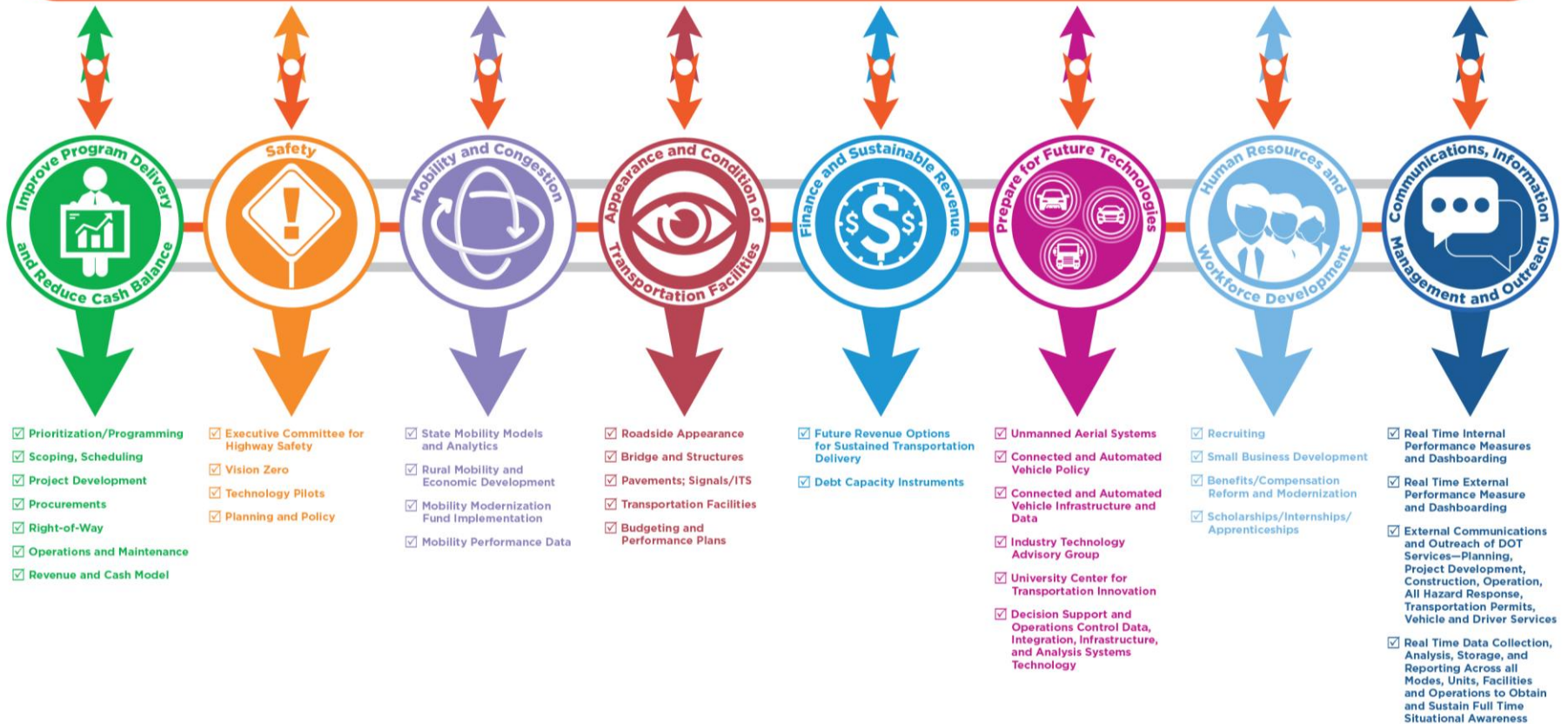
Program Delivery

Bobby Lewis, P.E., Chief Operating Officer
November 9, 2017

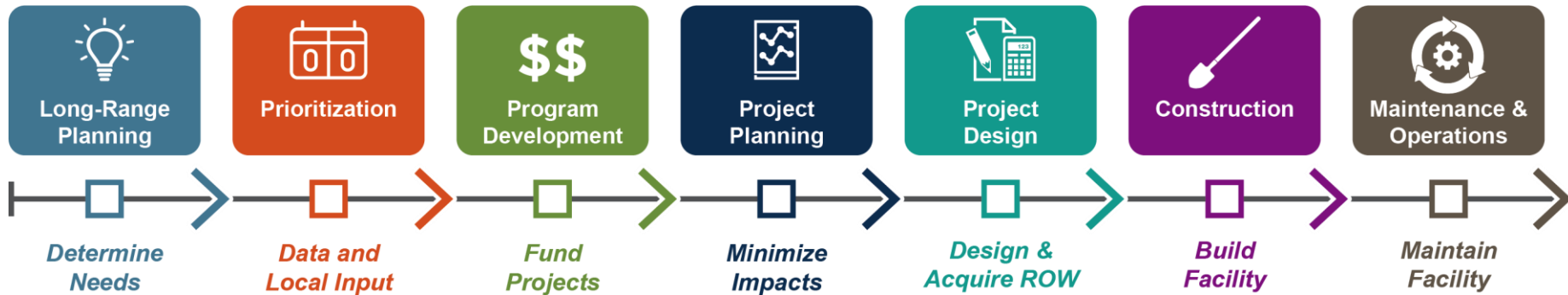
NCDOT Priorities and Work Groups

Better Transportation Service for North Carolina

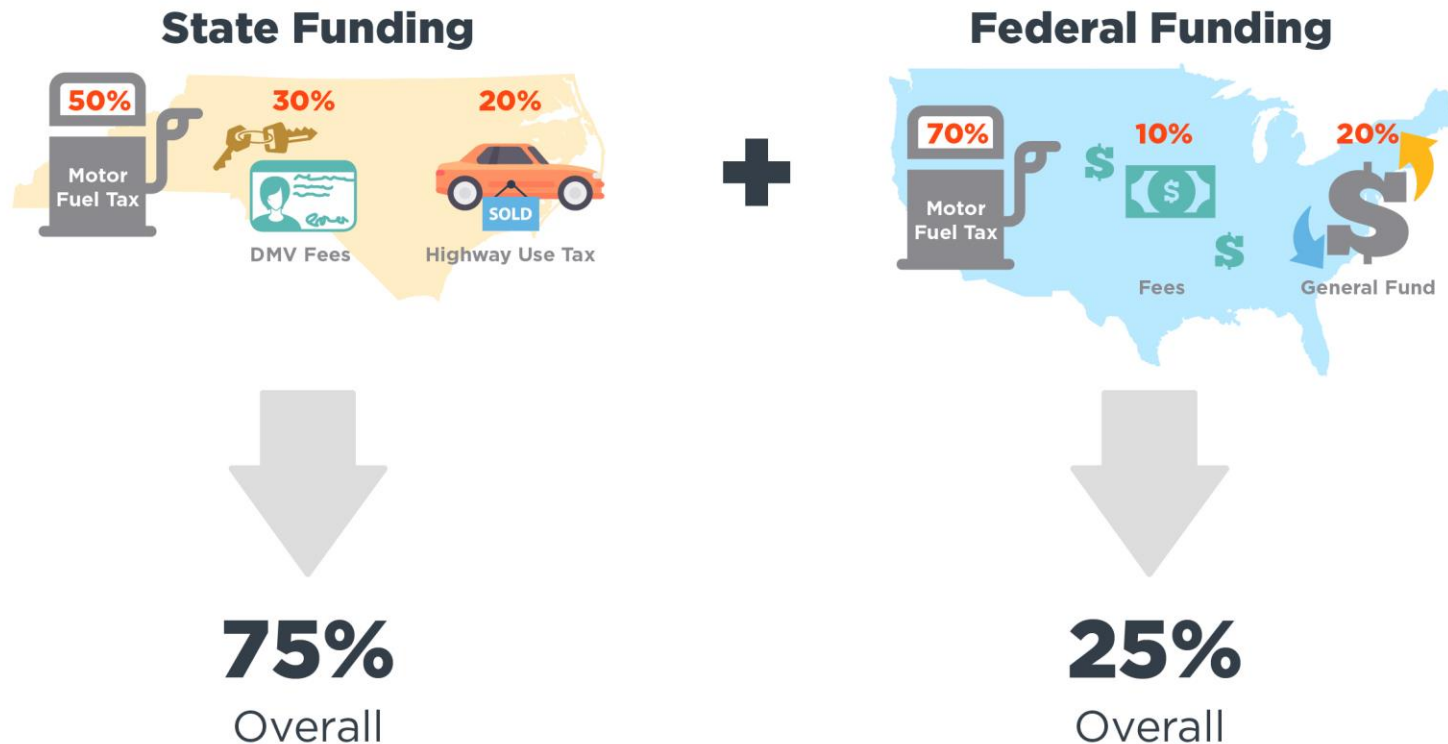
Our Mission: Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.



NCDOT Transportation Program Life



Revenue Sources



Expenses

Trust Fund

(Capital Projects)

Construction



STIP (Highway Trust Fund and Federal Aid)

50%

Highway Fund

(Operations and Maintenance)

Maintenance



Highway Maintenance
Operations Activities

25%

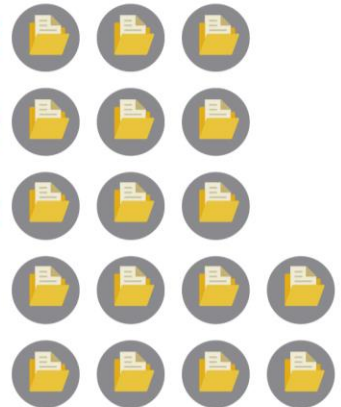
Modes



Public
Transportation
Ferry
Rail
Airports
Highway Fund

8%

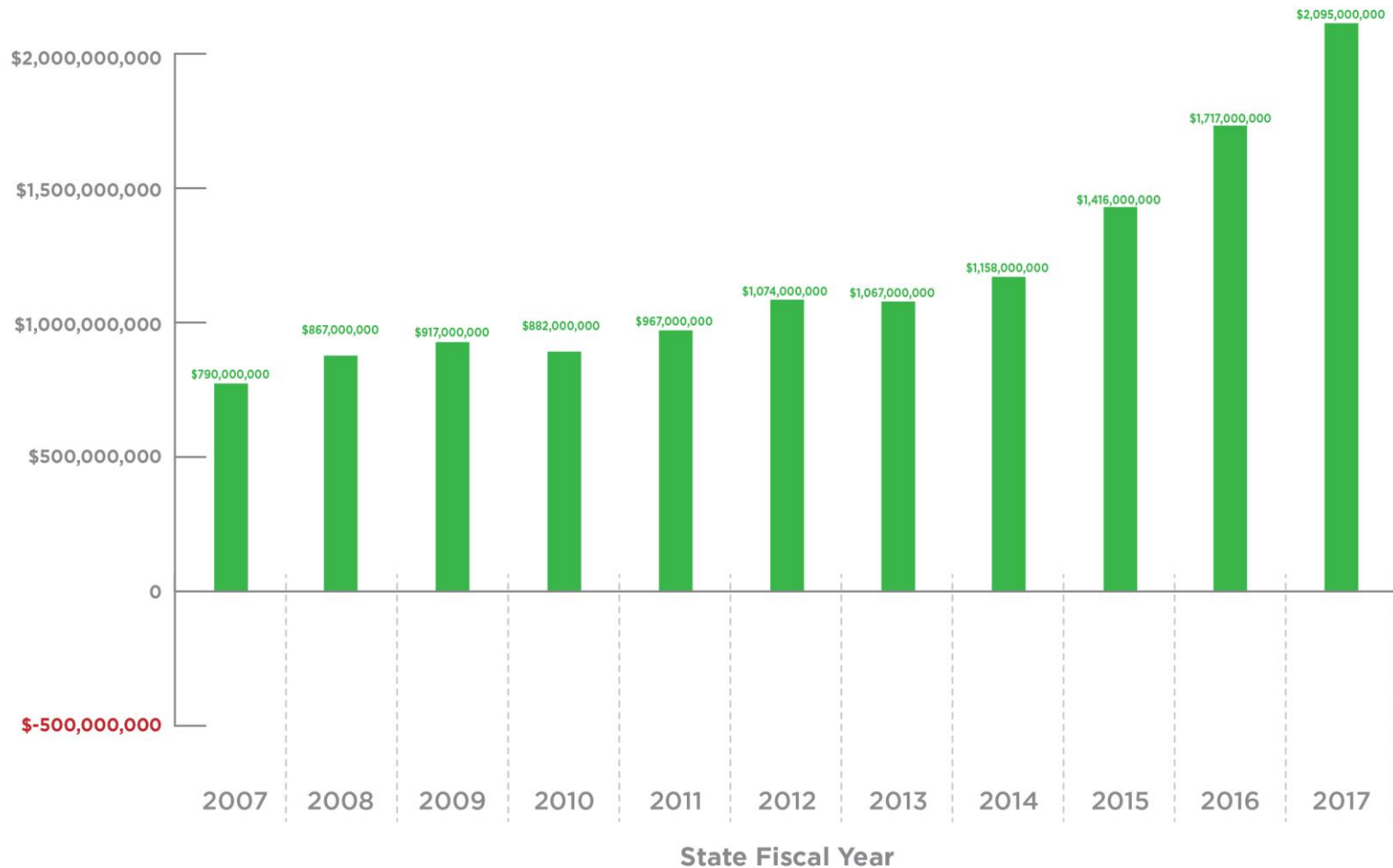
Administrative



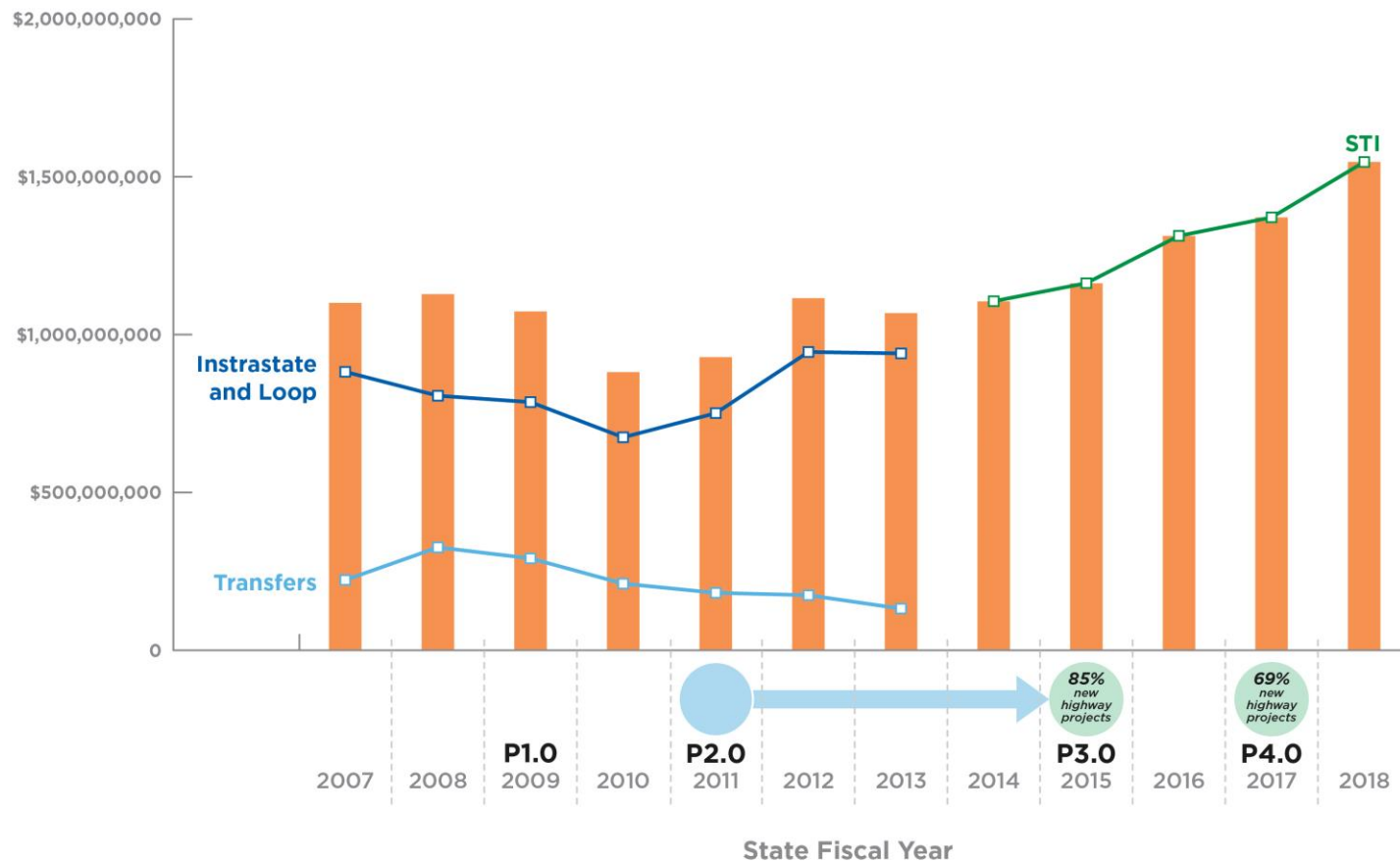
Administration
Transfers
State Aid to Municipalities
Various Programs

17%

Cash Balance: 2007–2017



Trust Fund Uses



Current Situation



**2014-2017
~\$600 million
more in revenue**

**Old practices
for inflation
and overruns**

**Old processes
for project delivery**

Discoveries and Expectations

Capital Program Delivery

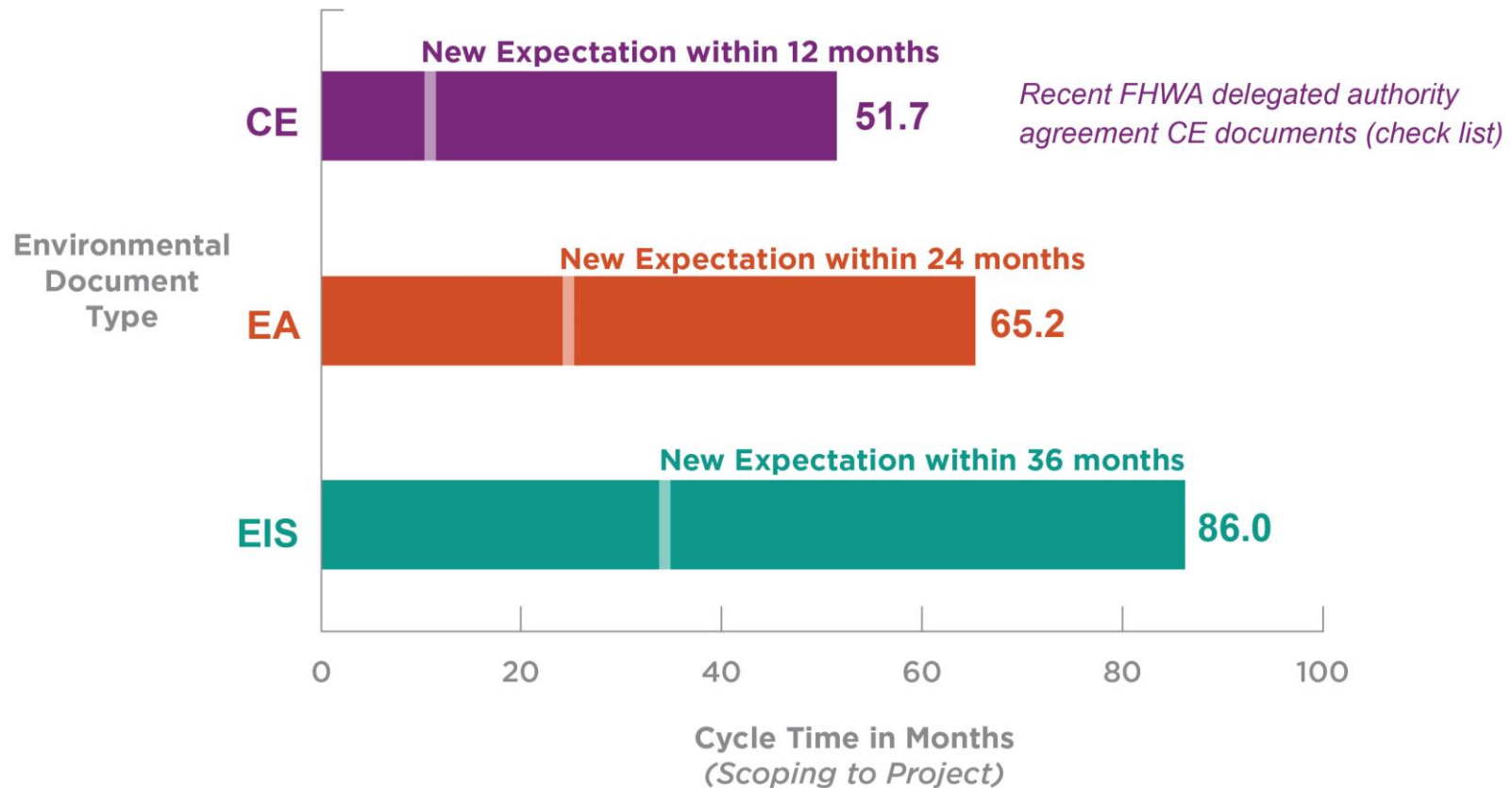
2009 to 2016	2018 Forward	
78%	First 2 years	100%
	Years 3 to 5	95%
	Years 6 to 10	85%

Discoveries and Expectations

- Project Delivery (Stove Pipes Process)
- **NEW APPROACH**
 - ***Change culture from “Project Delivery” to “Program Delivery”***
 - Project activities (Traffic Forecasts, Threatened and Endangered, Wetland & Stream Determinations, etc.) will be reviewed for production grouping
 - Right of Way and Utilities will start earlier
 - Work on all projects in the program (Year 1 through 10) – Creates an opportunity manage construction lets downstream
 - ***Manage the Program***
 - Adjust inflation and overruns to historical actuals for every STIP
 - Monthly \$100M Project reviews by Project Managers and Senior/Executive Staff

Discoveries and Expectations

Project Delivery



(CE) Categorical exclusion

(EA) Environmental assessments

(EIS) Environmental impact statement

Discoveries and Expectations

Advancement of Capital Program

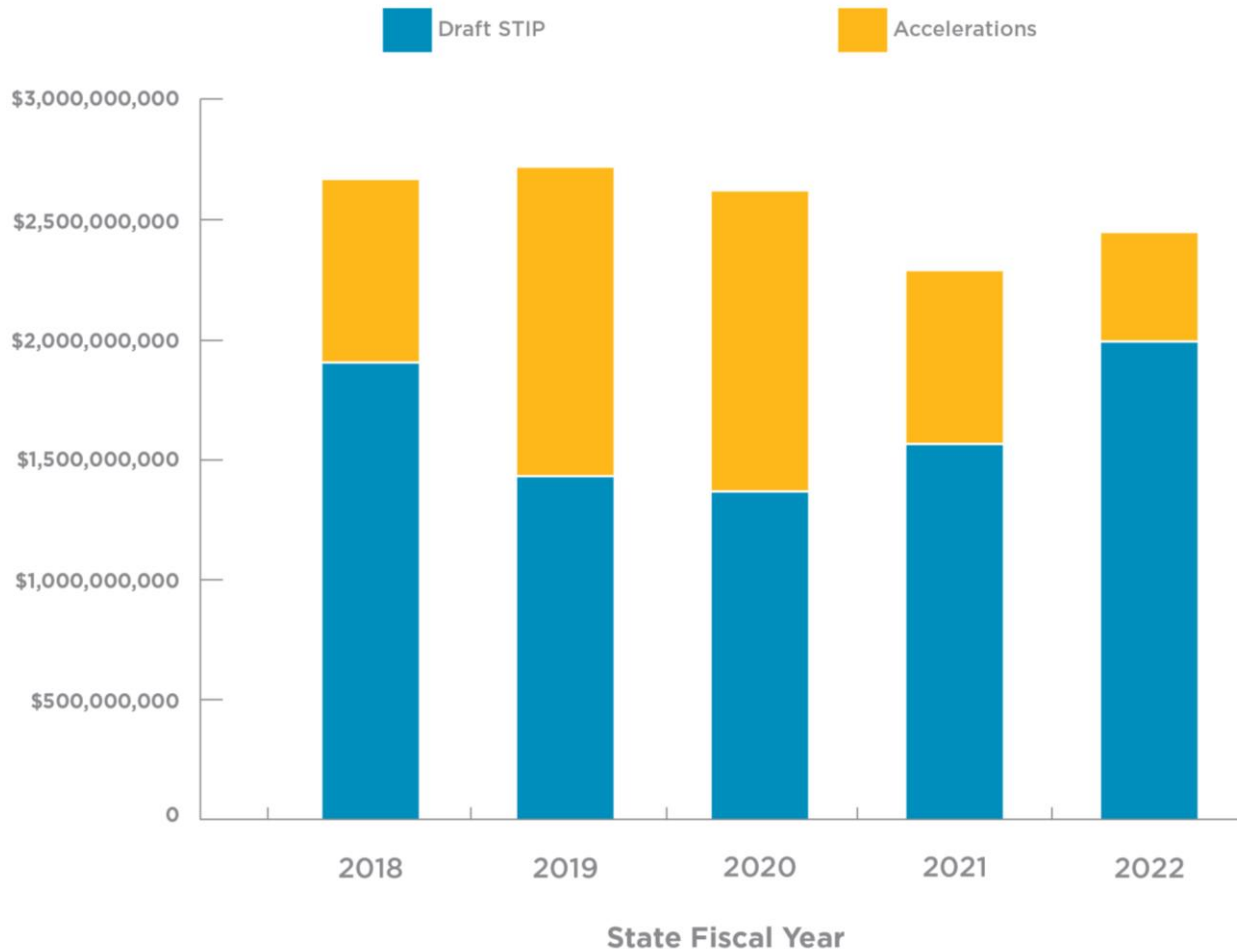
- Expedite project delivery and completion dates

	Previous*	Current*
Preliminary Engineering	\$200M	\$250M+
Right of Way	\$325M	≈\$400M
Construction Lettings	\$1.66B	\$2.55B

*Annual Amounts

Discoveries and Expectations

TIP Project Advancements



Over the 10-year STIP

Accelerated
350
Projects



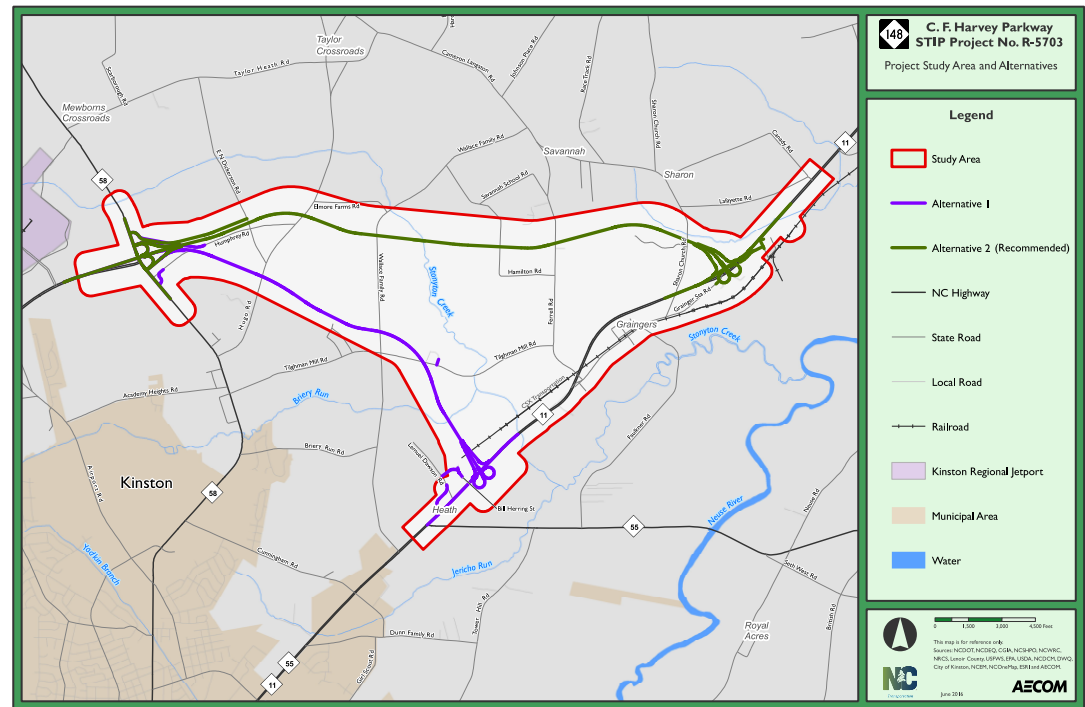
Added
144
Projects to STIP



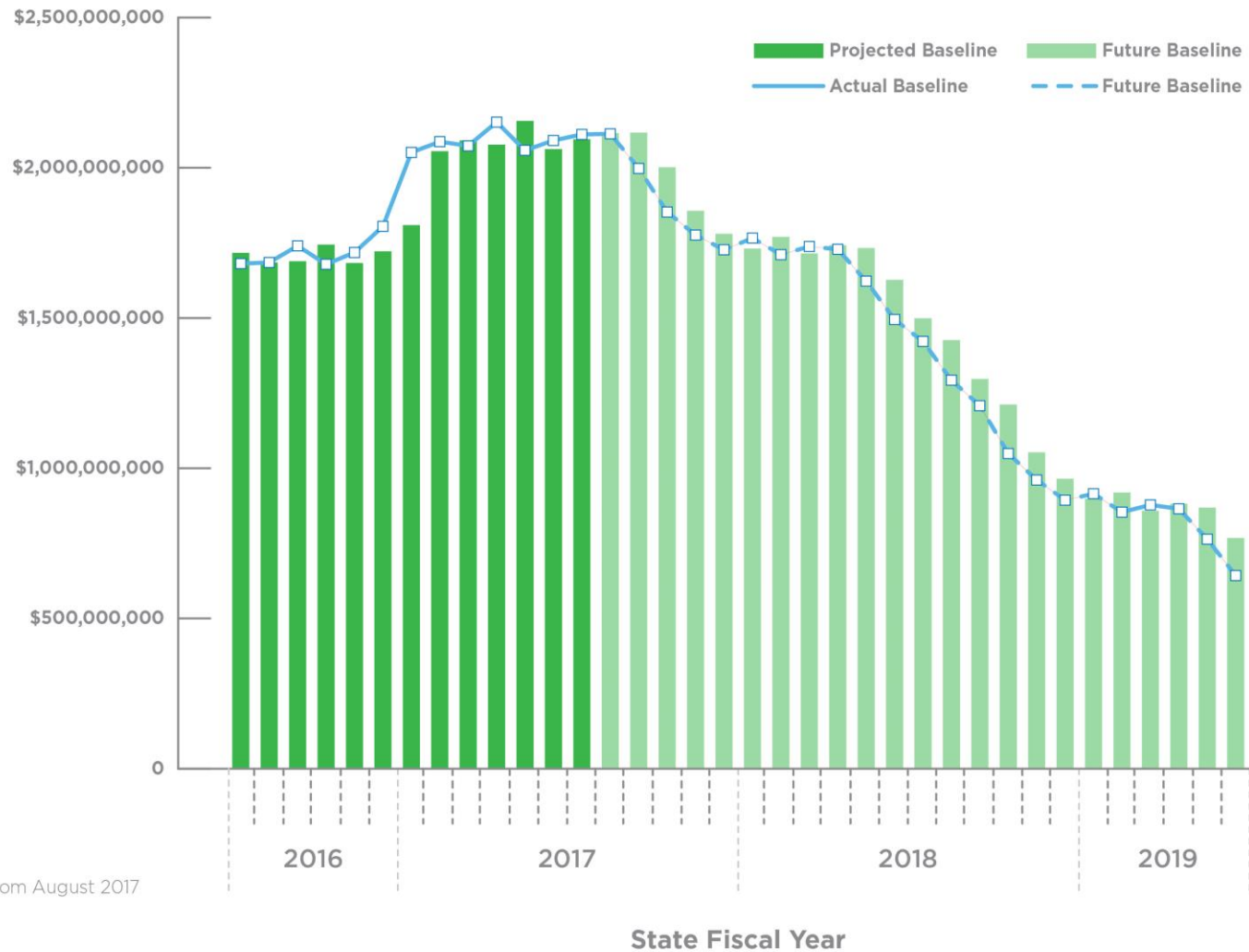
Proven Example

C.F. Harvey Parkway

- 6 mile new location facility (~\$80 million)
- Began approximately 2 years ago
- Bids will be open in December 2017



Forecasted Cash Balance



5 Year Forecast

Cash Balance Thresholds

Floor of 7.5% of annual state revenues

Target of 15-20% of anticipated state revenues

Ceiling of \$1 billion, reporting required when in excess

Revenue

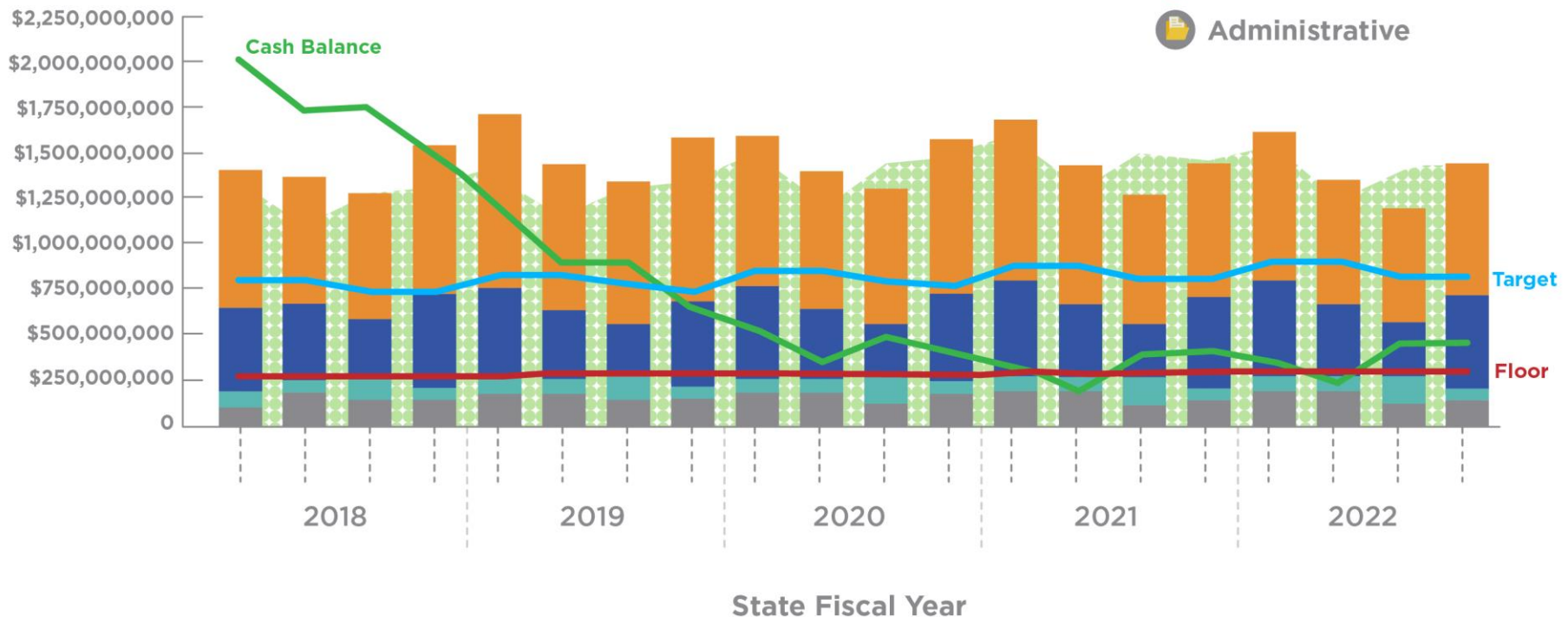
Expenses

Construction

Maintenance

Modes

Administrative



Questions?



HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 11-1-2017 **TIME:** 2:10 PM – 3:30 PM **LOCATION:** Room 150

MEETING CALLED BY	Chairman Tarleton
BOARD ATTENDEES	Committee: Chairman Cullie Tarleton, Vice-Chairman John Pope, Landon Zimmer, Hugh Overholt, Grady Hunt, Gus Tulloss, Terry Hutchens, Patrick Molamphy, Michael Wells, Jack Debnam

AGENDA TOPICS

1. APPROVAL OF OCTOBER MINUTES	
DISCUSSION SUMMARY	Motion to approve made by Board Member Debnam, seconded by Board Member Pope.
ACTIONS TAKEN	Motion to approve minutes as written passed unanimously.

2. PROJECT SPOTLIGHT: DIVISION ONE, OUTER BANKS BRIDGE PROJECTS – JERRY JENNINGS, P. E., NCDOT DIVISION 1 ENGINEER	
DISCUSSION SUMMARY	<p>Mr. Jerry Jennings, Division Engineer, Division 1, presented information on the three Outer banks bridge projects that are under construction. These projects are the Bonner Bridge project, the Pea Island bridge project and the Rodanthe bridge project. These projects are located along NC 12, which provides the only access to Hatteras Island.</p> <ul style="list-style-type: none">- The Rodanthe bridge project is a 2.4 mile long “jug handle” design, which is located west of the existing roadway. The contract is a design-build contract that was awarded to Flatiron Constructors in January 2017 for \$145 million. The project is scheduled to complete in 2020.- The Pea Island bridge project was awarded to TA Loving Co. in November 2015 for \$14.3 million. It includes a ½-mile long interim concrete structure. Construction began in March 2016. Traffic will be switched to the new structure in early November. The project is scheduled to complete by the end of 2017. The new bridge will be the “Captain Richard Etheridge Bridge.”- The design-build contract for the Bonner Bridge replacement was awarded to PCL Civil Constructors for a total contract amount of \$250 million. The new structure will be located to the west of the existing Bonner Bridge. The new bridge will be 2.8 miles long and will have a design lifespan of 100 years. The project is approximately 60% complete. Substantial completion of the project is scheduled for November 2018, with an overall completion of September 2019.
ACTIONS TAKEN	N/A
3. ALTERNATIVE INTERSECTIONS AND INTERCHANGES – JOSEPH HUMMER, P. E., STATE TRAFFIC MANAGEMENT ENGINEER, NCDOT TRANSPORTATION MOBILITY AND SAFETY	
DISCUSSION SUMMARY	Mr. Joseph Hummer, State Traffic Management Engineer with NCDOT Transportation Mobility and Safety, provided a presentation on Alternative Intersections and Interchanges. NCDOT is



HIGHWAYS COMMITTEE MEETING MINUTES

	<p>reviewing alternative intersection and interchange designs for application throughout the state. These alternative designs work in theory because they:</p> <ul style="list-style-type: none"> • Minimize conflict points • Separate conflict points • Favor through movements • Use half signals • Minimize signal phases in order to increase the percentage of green time available to the main through movement of traffic. <p>When selecting alternative intersection and interchange designs, the Department must take into consideration a lot of variables including: roadway capacity, available right of way, pedestrian access, business access, left turn demands, safety, potential for driver confusion, and speed of the facility. While none of the designs are perfect or may be applied universally, NCDOT must determine the best design for the intersection/interchange conditions.</p> <p>Discussions included whether or not the alternative intersections and interchanges were patented. There is a research project underway which will determine if the various intersections and interchanges are patented. Additional discussion included whether software existed to assist in determining the best solution for the location being studied.</p>
ACTIONS TAKEN	N/A

4. STUDY FEE STRUCTURE FOR SERVICES PERFORMED BY THE DIVISION OF HIGHWAYS – TIM LITTLE, P. E., NCDOT CHIEF ENGINEER

DISCUSSION SUMMARY	<p>Chief Engineer Tim Little discussed the fee study of services performed by the Division of Highways and requested feedback from the Committee members. The discussion included providing the dates the fees were last modified, indicating if the services provided are revenue neutral, and the fees the Department may adjust without legislative approval. The Members requested the Department provide more recommendations regarding the fees for services.</p> <p>Additional comments and feedback should be submitted to Michelle Long, mglong@ncdot.gov by November 20th. The report will be updated and redistributed to Members prior to the December Board meeting.</p>
ACTIONS TAKEN	N/A



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 6, 2017

TIME: 2:10 PM – 2:50 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 1, 2017 Meeting Minutes	Cullie Tarleton, Chair	2:10 pm
Project Acceleration Update	John Rouse, P. E., Eastern Deputy Chief Engineer and Ronnie Keeter, P. E., Division 4 Engineer	2:15 pm
Other Discussion	Cullie Tarleton, Chair	2:45 pm
Adjourn	All	2:50 pm



HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 11-1-2017 **TIME:** 2:10 PM – 3:30 PM **LOCATION:** Room 150

MEETING CALLED BY	Chairman Tarleton
BOARD ATTENDEES	Committee: Chairman Cullie Tarleton, Vice-Chairman John Pope, Landon Zimmer, Hugh Overholt, Grady Hunt, Gus Tulloss, Terry Hutchens, Patrick Molamphy, Michael Wells, Jack Debnam

AGENDA TOPICS

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ACTIONS TAKEN	N/A
3. ALTERNATIVE INTERSECTIONS AND INTERCHANGES – JOSEPH HUMMER, P. E., STATE TRAFFIC MANAGEMENT ENGINEER, NCDOT TRANSPORTATION MOBILITY AND SAFETY	
DISCUSSION SUMMARY	Mr. Joseph Hummer, State Traffic Management Engineer with NCDOT Transportation Mobility and Safety, provided a presentation on Alternative Intersections and Interchanges. NCDOT is



HIGHWAYS COMMITTEE MEETING MINUTES

	<p>reviewing alternative intersection and interchange designs for application throughout the state. These alternative designs work in theory because they:</p> <ul style="list-style-type: none">• Minimize conflict points• Separate conflict points• Favor through movements• Use half signals• Minimize signal phases in order to increase the percentage of green time available to the main through movement of traffic. <p>When selecting alternative intersection and interchange designs, the Department must take into consideration a lot of variables including: roadway capacity, available right of way, pedestrian access, business access, left turn demands, safety, potential for driver confusion, and speed of the facility. While none of the designs are perfect or may be applied universally, NCDOT must determine the best design for the intersection/interchange conditions.</p> <p>Discussions included whether or not the alternative intersections and interchanges were patented. There is a research project underway which will determine if the various intersections and interchanges are patented. Additional discussion included whether software existed to assist in determining the best solution for the location being studied.</p>
ACTIONS TAKEN	N/A

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ACTIONS TAKEN	N/A



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 6, 2017

TIME: 2:10 PM – 2:50 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
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Other Discussion	Cullie Tarleton, Chair	2:45 pm
Adjourn	All	2:50 pm



MULTI-MODAL TRANSPORTATION COMMITTEE

MEETING MINUTES

DATE: 11/1/2017 TIME: 2:10 LOCATION: EIC

MEETING CALLED BY	Chairman Andrew Perkins
BOARD ATTENDEES	Billy Clarke, Valerie Jordan, Anthony Lathrop, Daniel McComas, Allen Moran, Hugh Overholt, Nina Szlosberg-Landis

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF OCTOBER 4, 2017 MINUTES – CHAIRMAN PERKINS	
DISCUSSION SUMMARY	Chairman Perkins called the committee to order at 2:12 and asked for a motion to approve the minutes as distributed.
ACTIONS TAKEN	A motion to approve the October 4, 2017 minutes as distributed was made by Mr. Billy Clarke and seconded by Ms. Valerie Jordan. The committee approved unanimously.

2. FUNDING ITEMS (AVIATION, PTD, RAIL)	
DISCUSSION SUMMARY	Information was presented by Transit Directors for the Committee's approval.
ACTIONS TAKEN	<ul style="list-style-type: none">• Motion to approve Aviation Funding Items made by Mr. Daniel McComas and seconded by Mr. Billy Clarke• Motion to approve PTD Funding Items made by Mr. Daniel McComas and seconded by Mr. Billy Clarke• Motion to approve Rail Funding Items made by Mr. Billy Clarke and seconded by Mr. Daniel McComas All approved unanimously.



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

3. MULTI-MODAL TRANSPORTATION UPDATE – JULIE WHITE

DISCUSSION SUMMARY

Ms. White announced that the Bicycle and Pedestrian Director position was posted and will close on 11/6/17 and the Rail Director position posting is being finalized.

Bike and Pedestrian will have a stakeholder meeting in November, Complete Streets Policy review and update has been done, and six training sessions are scheduled.

Rail Division provided a tour of the PIP improvements and Gateway Station in Charlotte to General Assembly fiscal staff. The RUS tour for the legislators went so well they are planning another one.

Aviation began the 10 commercial airport tour with the goal of understanding each airport's capital improvement plan as well as emphasizing the need to spend the NCGA appropriation before the end of the fiscal year. An invitation to area Board members to participate when in their area was given.

Ferry provided a tour of the facility in Swansboro, NC where the passenger ferry is being constructed, they also held a kickoff meeting for the Stakeholder's group with 40 people attending. It was an excellent first meeting with goals set and great conversations on concerns and plans to examine possible solutions. They are also working on creating a second shift at the shipyard to allow maintenance in the off season and to minimize the need to have boats out of the water during peak season.

Public Transportation is advancing through their strategic planning process.

ACTIONS TAKEN

No action taken.



MULTI-MODAL TRANSPORTATION COMMITTEE

MEETING MINUTES

4. RAIL DIVISION PRESENTATION – “RAIL DIVISION REPORT TO THE MULTI-MODAL COMMITTEE” – ALLAN PAUL

DISCUSSION SUMMARY

Mr. Paul, acting director of the Rail Division presented a thorough overview of their division which included a historical view of NC's rail progression, funding, improvement and plans for future growth and opportunities. (Raleigh Union Station, Charlotte Gateway, Charlotte Junction Improvement, Sugar Creek Road Grade Separation)

Advance preparation of pre-construction studies and creative solutions for purchasing and refurbishing of equipment has allowed the rail division to maximize the funding they receive.

The Cary Station was rated #1 in the country for customer satisfaction and Salisbury was rated #4! Raleigh Union Station is stimulating future growth in the warehouse district being named one of the 12 “about to get crazy neighborhoods” in the US, by “Thrillist”.

Safety is as always the #1 priority

ACTIONS TAKEN

No action taken



MULTI-MODAL COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 6, 2017

TIME: 2:10

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 1, 2017 Meeting Minutes	Chairman Perkins	2:10 – 2:12
Funding Items (Aviation, PTD, Rail,)	Multi-Modal Transportation Directors	2:12 – 2:18
Multi-Modal Transportation Update	Julie White	2:18 – 2:23
Bike and Pedestrian/ Complete Streets Accommodations	Louis Mitchell, Western Deputy Chief Engineer	2:23 – 2:45
Adjourn	Chairman Perkins	2:45 – 2:50



MULTI-MODAL TRANSPORTATION COMMITTEE

MEETING MINUTES

DATE: 11/1/2017 TIME: 2:10 LOCATION: EIC

MEETING CALLED BY	Chairman Andrew Perkins
BOARD ATTENDEES	Billy Clarke, Valerie Jordan, Anthony Lathrop, Daniel McComas, Allen Moran, Hugh Overholt, Nina Szlosberg-Landis

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF OCTOBER 4, 2017 MINUTES – CHAIRMAN PERKINS	
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DISCUSSION SUMMARY	Information was presented by Transit Directors for the Committee's approval.
ACTIONS TAKEN	<ul style="list-style-type: none">• Motion to approve Aviation Funding Items made by Mr. Daniel McComas and seconded by Mr. Billy Clarke• Motion to approve PTD Funding Items made by Mr. Daniel McComas and seconded by Mr. Billy Clarke• Motion to approve Rail Funding Items made by Mr. Billy Clarke and seconded by Mr. Daniel McComas All approved unanimously.



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

3. MULTI-MODAL TRANSPORTATION UPDATE – JULIE WHITE

DISCUSSION SUMMARY

Ms. White announced that the Bicycle and Pedestrian Director position was posted and will close on 11/6/17 and the Rail Director position posting is being finalized.

Bike and Pedestrian will have a stakeholder meeting in November, Complete Streets Policy review and update has been done, and six training sessions are scheduled.

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Public Transportation is advancing through their strategic planning process.

ACTIONS TAKEN

No action taken.



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

4. RAIL DIVISION PRESENTATION – “RAIL DIVISION REPORT TO THE MULTI-MODAL COMMITTEE” – ALLAN PAUL

DISCUSSION SUMMARY

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Safety is as always the #1 priority

ACTIONS TAKEN

No action taken



MULTI-MODAL COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 6, 2017

TIME: 2:10

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 1, 2017 Meeting Minutes	Chairman Perkins	2:10 – 2:12
Funding Items (Aviation, PTD, Rail,)	Multi-Modal Transportation Directors	2:12 – 2:18
Multi-Modal Transportation Update	Julie White	2:18 – 2:23
Bike and Pedestrian/ Complete Streets Accommodations	Louis Mitchell, Western Deputy Chief Engineer	2:23 – 2:45
Adjourn	Chairman Perkins	2:45 – 2:50



NORTH CAROLINA

Department of Transportation



Bike & Pedestrian/Complete Streets Accommodations

Louis Mitchell, PE Western Deputy Chief Engineer
December 6, 2017

Presentation Overview

- Complete Streets Policy Overview
- NC DOT Sidewalk Policy & Cost Share
- Making the Connection
- How to fund Bike/Ped Improvements in STIP
- Challenges
- Questions - Discussion

North Carolina Department of Transportation
Complete Streets
Planning and Design Guidelines



July 2012

The N.C. Department of Transportation adopted a "Complete Streets" policy in July 2009. The policy directs the Department to consider and incorporate several modes of transportation when building new projects or making improvements to existing infrastructure. The benefits of this new approach include:

- Making it easier for travelers to get where they need to go;
- Encouraging the use of alternative forms of transportation;
- Building more sustainable communities;
- Increasing connectivity between neighborhoods, streets, and transit systems;
- Improving safety for pedestrians, cyclists, and motorists

Purpose of Complete Street Policy

This policy sets forth the protocol for the development of transportation networks that encourage non-vehicular travel without compromising the safety, efficiency, or function of the facility. The purpose of this policy is to guide existing decision making and design processes to ensure that all users are routinely considered during the planning, design, construction, funding and operation of North Carolina's transportation network

Who all is involved during a Planning Process

- NCDOT Staff
- MPO/RPO Staff
- Local Governments
- Advocacy Groups
- Local Communities
- Public

Sidewalk Policy Statement

- "It is the policy of the Department of Transportation to replace existing sidewalks disturbed as a result of a highway improvement. In addition, the Department of Transportation is authorized to construct new sidewalks adjacent to State highway improvement projects at the request of the municipality provided the municipality agrees to reimburse the Department of Transportation for the actual construction cost of the sidewalks. Maintenance of sidewalks will be the responsibility of the municipality."

Requirements

- Written Notification Required
 - Participate in cost of facility
 - Be responsible for maintenance and liability
 - Written notification prior to Project Final Field Inspection

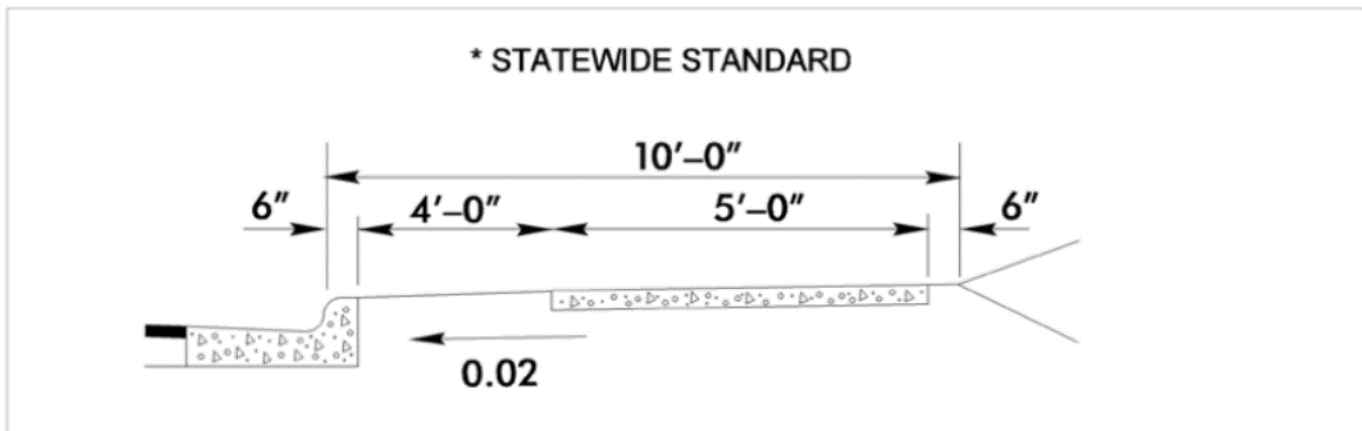
- Municipal Agreement Required
 - Municipal Agreement executed prior to letting of construction contract.
 - If the county/municipality does not receive Powell Bill Funds, payment is required prior to let of the construction contract generally with the signed agreement.
 - If municipality receives Powell Bill Funds, payment can be delayed until completion of the work or the completion of the project.

Cost Participation

MUNICIPAL POPULATION	PARTICIPATION	
	DOT	LOCAL
> 100,000	50%	50%
50,000 to 100,000	60%	40%
10,000 to 50,000	70%	30%
< 10,000	80%	20%

Cost Participation

- Cost participation applies to 5' sidewalks
- Standard typical section includes a 10ft berm that accommodates a 5ft sidewalk.
- Width beyond 5' 100% cost to municipality
- If the facility is not contained within the project berm width, the Municipality is responsible for providing the right-of-way and/or construction easements as well as utility relocations, at no cost to the Department.



Cost Participation

- Bridges are not included in cost share
- For facilities with curb and gutter street approaches
 - <200': construct sidewalk on both sides
 - >200': construct sidewalk on one side of bridge
 - Cost/Benefit will be looked at to determine if both sides justified
- For dual bridges with curb and gutter street approaches
 - <200': construct sidewalk on outside of each bridge structure
 - >200': construct sidewalk on outside of one bridge structure
 - Cost/Benefit will be looked at to determine if both sides justified

Making the Connection



How to Make the Connection?

- Identify Long Range Goals
- Proper Planning(CTP, LRTP, Zoning)
- Open Communication between all Groups and Stay Involved
- Understanding Funding Opportunities
- Push for Funding

Working Together

- Ensure appropriate Municipality/County/MPO personnel are invited to project meetings
- Discuss pedestrian facilities early
- Provide cost estimates as early as possible for budgetary purposes
- Provide dates when commitments are needed by

Working Together

- Late changes can cause delays to project delivery and additional design cost
- Cost savings to Municipality – planning and design cost, construction administration and inspection

Pedestrian Facilities and STIP Projects



The Bridge at Surf City (B-4929) Under Construction

Completion Date: November 2020



High-Level Fixed Bridge



ARTISTIC RENDERING
PRELIMINARY - SUBJECT TO CHANGE

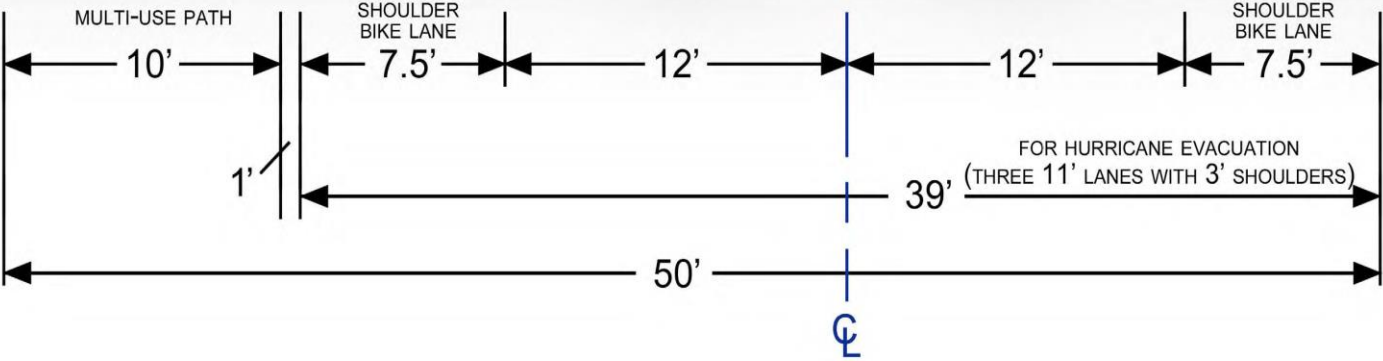


B-4929 Surf City Bridge



Surf City Bridge Recent Picture





S Tryon – Charlotte

“Before”



“After” road diet



Division 9-Cloverdale Avenue “Before”



“After”



Division 14-Resurfacing “Before”



“After”



Challenges



Challenges

- Right of way availability and environmental impacts
- Small Towns with limited financial resources, find it difficult respective cost-share & maintenance costs
- Unincorporated requests for bike/ped improvements often come through the Counties who have limited financial abilities

Rural Accomplishments

Division 13 -Emma Community



“After”



Bike & PED

“Stand Alone” Funding

- FY 18 = \$102 M
- FY 19 = \$39 M
- FY 20 = \$60 M
- FY 21 = \$32 M
- FY 22 = \$35 M
- FY 23 = \$29 M
- FY 24 = \$28 M
- FY 25 = \$40 M
- FY 26 = \$14 M
- FY 27 = \$14 M
- **Total 10 year funding = \$393 M**

Questions





ROAD/BRIDGE/FERRY NAMING COMMITTEE MEETING MINUTES

DATE: October 4, 2017 TIME: 11:00 AM LOCATION: Room 160

MEETING CALLED BY	Chairman Fox
BOARD ATTENDEES	Perkins, Tulloss, Overholt, Trogdon

AGENDA TOPICS

1. APPROVAL OF SEPTEMBER 6, 2017 COMMITTEE MEETING MINUTES	
DISCUSSION SUMMARY	Motion to approve from Board Member Perkins, seconded by Board Member Overholt.
ACTIONS TAKEN	Motion to approve minutes as written passed unanimously.
2. CHAMPIONSHIP SIGN DISCUSSION – KEVIN LACY, PE	
DISCUSSION SUMMARY	The Committee continued the discussion on National Championship signage for Schools of Higher Education and had previously been provided an updated draft of the policy incorporating their suggested edits. Motion to approve from Board Member Perkins, seconded by Board Member Overholt.
ACTIONS TAKEN	Motion to approve Champion Sign Policy as written passed unanimously and the policy was taken to the full BOT for a final vote the following day.
3. LOGO PANEL DISCUSSION – KEVIN LACY, PE	
DISCUSSION SUMMARY	The Committee continued the discussion on logo panels. Staff has been exploring options to increase the number of logo panels on signs. Further discussions about these efforts will take place with FHWA, the Secretary's office and the Chief's office prior to our next Committee meeting.
ACTIONS TAKEN	None



ROAD/BRIDGE/FERRY NAMING COMMITTEE MEETING MINUTES

DATE: November 20, 2017 TIME: 9:30 AM LOCATION: Room 160 / Telephonic

MEETING CALLED BY	Chairman Fox
BOARD ATTENDEES	Perkins, Tulloss, Overholt

AGENDA TOPICS

1. APPROVAL OF UNC CHAMPIONSHIP SIGN LOCATIONS – CHAIRMAN FOX	
DISCUSSION SUMMARY	<p>UNC agreed to pay \$2000/ sign for eight locations.</p> <ol style="list-style-type: none">1. I-95 South at the North Carolina /Virginia border2. I-85 South at the North Carolina /Virginia border3. I-95 North at the North Carolina /South Carolina border4. I-85 North at the North Carolina /South Carolina border5. I-40 East at the North Carolina /Tennessee border6. I-40 East at the Raleigh Durham International Airport (near exit 287)7. I-40 West at the Raleigh Durham International Airport (near exit 283)8. I-85 South that is north of I-77 <p>Motion to approve from Board Member Tulloss, seconded by Board Member Perkins.</p>
ACTIONS TAKEN	Motion to approve championship signs and their locations passed unanimously.



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 6, 2017

TIME: 11:00 AM

LOCATION: Room 160

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of October 2017 and November 2017 Road/Bridge/Ferry Naming Committee Meeting Minutes	Mike Fox, Chair	11:00 AM
Ambassador Mattie Sharpless - US 17 from Pender/Onslow County Line to Union Bethel Road, Division 3 (Zimmer & McComas)	Dom Ciaramitaro	11:05 AM
Conley Call - Hwy 268E (Starting at Y 115/268 ending at city limits), Division 11 (Tarleton)	Dom Ciaramitaro	11:10 AM
Guy Winstead - Hwy 57 and Longs Store Road Intersection, Division 5 (Jordan & Szlosberg-Landis)	Dom Ciaramitaro	11:15 AM
Adjourn	All	11:30 AM



ROAD/BRIDGE/FERRY NAMING COMMITTEE MEETING MINUTES

DATE: October 4, 2017 TIME: 11:00 AM LOCATION: Room 160

MEETING CALLED BY	Chairman Fox
BOARD ATTENDEES	Perkins, Tulloss, Overholt, Trogdon

AGENDA TOPICS

1. APPROVAL OF SEPTEMBER 6, 2017 COMMITTEE MEETING MINUTES	
DISCUSSION SUMMARY	Motion to approve from Board Member Perkins, seconded by Board Member Overholt.
ACTIONS TAKEN	Motion to approve minutes as written passed unanimously.
2. CHAMPIONSHIP SIGN DISCUSSION – KEVIN LACY, PE	
DISCUSSION SUMMARY	The Committee continued the discussion on National Championship signage for Schools of Higher Education and had previously been provided an updated draft of the policy incorporating their suggested edits. Motion to approve from Board Member Perkins, seconded by Board Member Overholt.
ACTIONS TAKEN	Motion to approve Champion Sign Policy as written passed unanimously and the policy was taken to the full BOT for a final vote the following day.
3. LOGO PANEL DISCUSSION – KEVIN LACY, PE	
DISCUSSION SUMMARY	The Committee continued the discussion on logo panels. Staff has been exploring options to increase the number of logo panels on signs. Further discussions about these efforts will take place with FHWA, the Secretary's office and the Chief's office prior to our next Committee meeting.
ACTIONS TAKEN	None



ROAD/BRIDGE/FERRY NAMING COMMITTEE MEETING MINUTES

DATE: November 20, 2017 TIME: 9:30 AM LOCATION: Room 160 / Telephonic

MEETING CALLED BY	Chairman Fox
BOARD ATTENDEES	Perkins, Tulloss, Overholt

AGENDA TOPICS

1. APPROVAL OF UNC CHAMPIONSHIP SIGN LOCATIONS – CHAIRMAN FOX	
DISCUSSION SUMMARY	<p>UNC agreed to pay \$2000/ sign for eight locations.</p> <ol style="list-style-type: none">1. I-95 South at the North Carolina /Virginia border2. I-85 South at the North Carolina /Virginia border3. I-95 North at the North Carolina /South Carolina border4. I-85 North at the North Carolina /South Carolina border5. I-40 East at the North Carolina /Tennessee border6. I-40 East at the Raleigh Durham International Airport (near exit 287)7. I-40 West at the Raleigh Durham International Airport (near exit 283)8. I-85 South that is north of I-77 <p>Motion to approve from Board Member Tulloss, seconded by Board Member Perkins.</p>
ACTIONS TAKEN	Motion to approve championship signs and their locations passed unanimously.



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 6, 2017

TIME: 11:00 AM

LOCATION: Room 160

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of October 2017 and November 2017 Road/Bridge/Ferry Naming Committee Meeting Minutes	Mike Fox, Chair	11:00 AM
Ambassador Mattie Sharpless - US 17 from Pender/Onslow County Line to Union Bethel Road, Division 3 (Zimmer & McComas)	Dom Ciaramitaro	11:05 AM
Conley Call - Hwy 268E (Starting at Y 115/268 ending at city limits), Division 11 (Tarleton)	Dom Ciaramitaro	11:10 AM
Guy Winstead - Hwy 57 and Longs Store Road Intersection, Division 5 (Jordan & Szlosberg-Landis)	Dom Ciaramitaro	11:15 AM
Adjourn	All	11:30 AM