



MEETING AGENDA
North Carolina Board of Transportation
 1 South Wilmington Street, Raleigh, North Carolina 27601
 December 5-6, 2018

WEDNESDAY, December 5, 2018

10:30 AM – 11:30 AM

Road Naming Committee	Room 160
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11:00 AM

FAST Committee	EIC
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BREAK

1:00 PM – 2:00 PM

WORK SESSION – FULL BOARD ATTENDANCE

ROOM 150

Draft STIP	Van Argabright, Director of Planning and Programming
Prioritization (P6.0)	Jason Schronce, SPOT
Ferry Update	Jed Dixon, Ferry Division Deputy Director
Logo/TODS Program Update	Kevin Lacy, PE, CPM, State Traffic Engineer
Product Evaluation Program Awareness	Chairman Fox

2:00 PM – 2:10 PM

BREAK

2:10 PM – 2:50 PM

Highways Committee	Room 150
Multi-Modal Committee	EIC

2:50 PM – 3:00 PM

BREAK

3:00 PM – 3:40PM

Advanced Technologies Committee	Room 150
Workforce Committee	EIC

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

THURSDAY, December 6, 2018

9:00AM

Location: Room 150

- Call to Order Chairman Fox
- Ethics Statement Chairman Fox
- Approval of Amended October 11, 2018 and November 8, 2018 Meeting Minutes Chairman Fox
- Road and Bridge Naming Honorary Designations Chairman Fox
- Secretary's Remarks Secretary Trogdon

Information and Delegated Authority

- (Item C) Award of Highway Construction Contracts from November 2018 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) 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

Highway 421 Corridor
Project Delivery

Stan Kelly, President Piedmont Triad Partnership
Chris Werner, Technical Services Director

Action

Chairman Fox

Resolution: Ferry Program

Approval to Submit Proposed Administrative Code
for Logo/TODS Program for Public Comment

Approval of Projects

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation 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 2018-2027 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item T) Submission of Comprehensive Transportation Plans of 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 5-6, 2018

Delegated Authority Secretary Trogon

- (Item C) Award of Highway Construction Contracts from November 2018 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development
- (Item L) Funds for Specific Spot Safety Improvement Projects

Action Chairman Fox

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation **(No Item this month)**
 - (Item I-1A) Public Transportation **(No Item this month)**
 - (Item I-2) Rail Program **(No Item this month)**
 - (Item I-3) Bicycle and Pedestrian **(No Item this month)**
 - (Item I-4) Aviation
- (Item J) Specific State Funds for Construction Projects **(Item K now replaces Item J)**
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2018-2027 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations **(No Item this Month)**
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation
- (Item V) **(No Item this month)**

NCDOT Board of Transportation Agenda

ITEM C

November 2018

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 20, 2018
DIVISION 00003

C204271
2019CPT.03.02.10671, 2019CPT.03.02.20671
STATE FUNDED
ON SLOW

PROPOSAL LENGTH 36.510 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-17 AND 25 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..49% OF BID
FY-2020..51% OF BID

RPN 003 3 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 8,600,731.09

DATE AVAILABLE JAN 08 2019

INTER COMPLETION MAY 10 2019 COMPLETE ALL WORK REQUIRED ON MAP #1

FINAL COMPLETION MAY 15 2020

	\$ TOTALS	% DIFF
ON SLOW GRADING & PAVING INC JACKSONVILLE, NC	8,657,315.46	+0.7
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	8,904,098.75	+3.5
ROSE BROTHERS PAVING CO INC AHOSKIE, NC	9,974,938.87	+16.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER 20, 2018
DIVISION 00005

C204263
17BP.5.R.96
STATE FUNDED
WAKE
B-4833

PROPOSAL LENGTH 0.259 MILES

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

LOCATION BRIDGE NO 376 OVER LITTLE BLACK CREEK ON SR-1761 (WIMBERLY ROAD).

EST CONST PROGRESS.... FY-2019..100% OF BID

RPN 004 5 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 1,164,138.53

DATE AVAILABLE DEC 31 2018 THRU MAY 01 2019

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
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,080,185.80	-7.2
DANE CONSTRUCTION INC MOORESVILLE, NC	1,104,839.50	-5.1
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,215,121.00	+4.4
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JC	1,344,753.69	+15.5
S T WOOTEN CORPORATION WILSON, NC	1,395,208.94	+19.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER 20, 2018
DIVISION 00005

C204267
2020CPT.05.08.20731.1
STATE FUNDED
PERSON

PROPOSAL LENGTH 25.610 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 15 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..69% OF BID
FY-2020..31% OF BID

RPN 005 2 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 4,555,795.98

DATE AVAILABLE DEC 31 2018

FINAL COMPLETION NOV 30 2019

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	4,123,554.26	-9.5
ADAMS CONSTRUCTION COMPANY ROANOKE, VA	4,986,765.00	+9.5

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 NOVEMBER 20, 2018
 DIVISION 00005

C204197
 35516.3.GV1
 NHP-0540(043)
 JOHNSTON, WAKE
 R-2828

PROPOSAL LENGTH 8.617 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION NC-540 - TRIANGLE EXPRESSWAY SOUTHEAST EXTENSION FROM EAST OF US-401
 (FAYETTEVILLE RD) TO EAST OF I-40.

EST CONST PROGRESS.... FY-2019..11% OF BID
 FY-2020..29% OF BID
 FY-2021..28% OF BID
 FY-2022..19% OF BID
 FY-2023..12% OF BID
 FY-2024..01% OF BID

RPN 009 3 BIDDER(S) DBE GOAL 10.00 %
 ESTIMATE 355,208,000.00

DATE AVAILABLE DEC 31 2018

INTER COMPLETION SEP 01 2023 COMPLETE ALL WORK REQUIRED OF ITS/AET INFRASTRUCTURE ONE
 HUNDRED TWENTY (120) DAYS PRIOR TO PROJECT'S COMPLETION DATE

FINAL COMPLETION JAN 01 2024

QUALITY ADJUSTED PRICE RANKING

PROPOSAL	TECH SCORE	QUALITY CREDIT %	ACTUAL CONT AMT (PRICE PROP)	ACT % DIFF	QUALITY VALUE	CONT AWARD BASIS (ADJ PRICE)	ADJ % DIFF
THE LANE-BLYTHE CONSTRUCTION JV	96.40	22.00	403,200,000.00	+13.5	88,704,000.00	314,496,000.00	-11.5
THE ARCHER-UNITED JV	92.30	18.58	402,282,800.00	+13.3	74,744,144.24	327,538,655.76	-7.8
ZACHRY-S.T. WOOTEN-WRIGHT	86.70	13.91	399,348,360.00	+12.4	55,549,356.88	343,799,003.12	-3.2

PROPOSAL	PROPOSED COMPLETION DATE
THE LANE-BLYTHE CONSTRUCTION JV	NOV 24 2022
THE ARCHER-UNITED JV	OCT 03 2023
ZACHRY-S.T. WOOTEN-WRIGHT BROTHERS JV	JUN 29 2023

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER 20, 2018
DIVISION 00009

C204175
45901.3.1
NHPIM-0040(073)
FORSYTH
I-5952

PROPOSAL LENGTH 6.226 MILES

TYPE OF WORK DRAINAGE, CONC MEDIAN BARRIER, AND PAVEMENT REHABILITATION.

LOCATION I-40 FROM SR-1101 (HARPER RD) IN CLEMMONS TO EAST OF US-421/ I-40 BUS IN WINSTON-SALEM.

EST CONST PROGRESS.... FY-2019..30% OF BID
FY-2020..62% OF BID
FY-2021..08% OF BID

RPN 006 2 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 16,230,913.60

DATE AVAILABLE MAR 01 2019

FINAL COMPLETION OCT 01 2020

	\$ TOTALS	% DIFF
SHARPE BROTHERS A DIVISION OF VECCELLIO & GROGAN INC GREENSBOF	17,558,977.21	+8.2
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	21,736,932.75	+33.9

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 NOVEMBER 20, 2018
 DIVISION 00010

C204259
 15BPR.43, 39922.3.1
 STATE FUNDED
 STANLY
 B-4974

PROPOSAL LENGTH 0.327 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION BRIDGES 830050 AND 830051 OVER THE PEE DEE RIVER ON NC-24/NC-27/NC-73.

EST CONST PROGRESS.... FY-2019..27% OF BID
 FY-2020..44% OF BID
 FY-2021..26% OF BID
 FY-2022..03% OF BID

RPN 010 3 BIDDER(S) DBE GOAL 0.00%
 ESTIMATE 17,784,950.00

DATE AVAILABLE JAN 03 2019

INTER COMPLETION MAY 20 2019 COMPLETE DEFINED BRIDGE REHABILITATION WORK ON BRIDGE 830050
 PRIOR TO PLACING TRAFFIC IN A TWO-LANE, TWO-WAY PATTERN

FINAL COMPLETION SEP 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
PCL CIVIL CONSTRUCTORS INC	90.50	10.25	20,154,128.00	+13.3	2,065,798.12	18,088,329.88	+1.7
* IMPROPER BID BOND FORM							
* INCORRECT CONTRACT NUMBER							
LEE CONSTRUCTION COMPANY OF THE	79.00	4.50	29,901,550.00	+68.1	1,345,569.75	28,555,980.25	+60.6
CROWDER CONSTRUCTION	77.00	3.50	37,652,150.00	+111.7	1,317,825.25	36,334,324.75	+104.3
* IMPROPER BID BOND FORM							
* TITLE NOT MARKED THROUGH ON CORP SIGNATUR							

PROPOSAL	PROPOSED COMPLETION DATE
PCL CIVIL CONSTRUCTORS INC	APR 30 2021
LEE CONSTRUCTION COMPANY OF THE CAROL	AUG 15 2021

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER 20, 2018

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ITEM C

PROPOSAL

PROPOSED COMPLETION
DATE

CROWDER CONSTRUCTION COMPANY

SEP 01 2021

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
NOVEMBER 20, 2018
DIVISION 00012

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ITEM C

C204262
45342.3.14
HSIP-0279(10)
GASTON
W-5212N

PROPOSAL LENGTH 7.850 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, CULVERTS, AND RESURFACING.

LOCATION NC-279 FROM SR-1438 TO NC-275.

EST CONST PROGRESS.... FY-2019..38% OF BID
FY-2020..53% OF BID
FY-2021..09% OF BID

RPN 007 2 BIDDER(S) DBE GOAL 12.00 %
ESTIMATE 13,612,479.31

DATE AVAILABLE JAN 02 2019

INTER COMPLETION NOV 01 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 30 2021

	\$ TOTALS	% DIFF
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC.	15,853,698.43	+16.5
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	18,149,579.52	+33.3

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 NOVEMBER 20, 2018
 DIVISION 00013

C204232
 15BPR.28
 STATE FUNDED
 MADISON, MITCHELL

PROPOSAL LENGTH 0.350 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION SR-1151 OVER FRENCH BROAD RIVER, SR-1346 OVER BIG LAUREL CREEK, AND NC-226
 OVER NORTH TOE RIVER.

EST CONST PROGRESS.... FY-2019..42% OF BID
 FY-2020..53% OF BID
 FY-2021..05% OF BID

RPN 008 7 BIDDER(S) DBE GOAL 0.00%
 ESTIMATE 4,893,846.30

DATE AVAILABLE DEC 31 2018

FINAL COMPLETION SEP 01 2020

	\$ TOTALS	% DIFF
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	3,458,720.75	-29.3
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	3,493,408.50	-28.6
GLF CONSTRUCTION CORPORATION MIAMI, FL	3,516,326.50	-28.1
LANFORD BROTHERS CO INC ROANOKE, VA	3,530,618.81	-27.9
BUCKEYE BRIDGE LLC CANTON, NC	3,590,816.00	-26.6
NHM CONSTRUCTORS LLC ASHEVILLE, NC	4,470,426.70	-8.7
PROSHOT CONCRETE INC FLORENCE, AL	6,038,243.01	+23.4

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 NOVEMBER 20, 2018
 DIVISION 00014

C204130
 17BP.14.R.154, 50192.3.1
 STATE FUNDED
 MACON
 R-5734A

PROPOSAL LENGTH 1.113 MILES

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

LOCATION US-23/441 FROM US-64 TO SR-1652 (WIDE HORIZON DR)/SR-1152 (BELDEN CIR) & BRIDGE NO. 314 OVER CARTOOGEC HAYE CREEK.

EST CONST PROGRESS.... FY-2019..38% OF BID
 FY-2020..53% OF BID
 FY-2021..09% OF BID

RPN 002 3 BIDDER(S) DBE GOAL 7.00 %
 ESTIMATE 11,678,325.14

DATE AVAILABLE JAN 02 2019

INTER COMPLETION NOV 01 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR PERMANENT VEGETATION ESTABLISHMENT
 OCT 01 2019 COMPLETE ALL WORK REQUIRED FOR STEPS #1 THRU #4 FOR 17PB.14.R.154

FINAL COMPLETION APR 30 2021

	\$ TOTALS	% DIFF
BUCHANAN AND SONS INC WHITTIER, NC	14,032,805.00	+20.2
WATSON CONTRACTING INC FRANKLIN, NC	15,600,000.00	+33.6
NHM CONSTRUCTORS LLC ASHEVILLE, NC	16,036,716.79	+37.3

	ESTIMATE TOTAL	433,729,179.95
	LETTING TOTAL	488,119,384.91 +12.5

**NCDOT December 2018
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

Chief Engineer

Deputy Chief Engineer

Facilities Management

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

STATEWIDE

Project:	51208 Statewide Roadway Lighting Project
Scope of Work:	Inspection Services
Estimated Construction Cost:	\$32,303,412.00
Firm:	LJB Inc, Miamisburg, OH
Original Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$750,000.00
Supplemental Work:	Inspection Services
SPSF Utilization:	100%

Design-Build

The Secretary of Transportation awarded a Design-Build contract in October 2018 to widen I-440 / US 1 from south of SR 1313 (Walnut Street) to SR 1728 (Wade Avenue), a distance of approximately 6.5 miles, providing a six-lane divided facility with reconfigured interchanges, in Wake County. The project will also provide grade separations on Beryl Road, Norfolk Southern Railway / North Carolina Railroad / CSX Railroad and NC 54 (Hillsborough Street) at SR 1664 (Blue Ridge Road). In accordance with the policies and procedures adopted by the Board, a Design-Build team who was not awarded the project can request payment of a stipend to recover part of the expense of preparation of their proposal. We have received a request for payment of the stipend from the following firms. These are for information only.

Project:	(35869.3.1 & 35868.3.4) (U-2719 / U-4437)
Firm:	Archer Western Construction LLC, Raleigh, NC
Stipend Amount:	\$125,000.00
SPSF Utilization:	0%

Project: (35869.3.1 & 35868.3.4) (U-2719 / U-4437)
Firm: Granite Construction Company, Watsonville, CA
Stipend Amount: \$125,000.00
SPSF Utilization: 0%

Materials & Tests Unit

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: 2017 Inspection, Testing, and Analysis of Materials and Pavements LSC
Firm: Brannan Inspection Services Inc, Selma, NC
Original Engineering Fee: \$850,000.00
Supplemental Fee: \$1,000,000.00
SPSF Utilization: 0%

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. This is 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: Atkins North America Inc, Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$4,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: Calyx Engineers and Consultants Inc, Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$7,000,000.00
Supplemental Fee: \$1,000,000.00 & Time extension (6 months)
SPSF Utilization: Carolina Land Acquisitions Inc
1% / \$10,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
5% / \$50,000.00
SPSF Utilization: Hinde Engineering Inc
2% / \$20,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC
2% / \$20,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
2% / \$20,000.00
SPSF Utilization: Commonwealth Heritage Group Inc
1% / \$10,000.00

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: CDM Smith Inc, Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$5,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$14,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: H. W. Lochner, Inc., Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$2,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

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: \$5,000,000.00
Supplemental Fee: \$1,000,000.00 and Time extension (6 months)
DBE/WBE/SPSF Utilization: CH Engineering PLLC
8% / \$80,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
6% / \$60,000.00
SPSF Utilization: Carolina Land Acquisitions Inc
5% / \$50,000.00
DBE/MBE/SPSF Utilization: Vistabution LLC
5% / \$50,000.00
DBE/WBE/SPSF Utilization: New South Associates Inc
2% / \$20,000.00
SPSF: SpanishSpeaking, LLC
2% / \$20,000.00

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: Michael Baker Engineering, Inc., Cary, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$15,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$2,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: Parsons Transportation Group, Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$2,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$7,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: Rummel Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$12,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: Sepi Engineering & Construction Inc., Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

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: \$12,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: STV Engineers, Inc., Charlotte, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$3,000,000.00
Supplemental Fee: \$1,000,000.00 and Time extension (6 months)
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
5% / \$50,000.00

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: Summit Design and Engineering Services PLLC, Hillsborough, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$4,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: TGS Engineers, Shelby, NC
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$2,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: The Louis Berger Group Inc, Morristown, NJ
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$2,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm: VHB Engineering NC, P.C., Watertown, MA
Original Engineering Fee: \$3,000,000.00
Previous Supplemental Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

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: \$12,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Division 14

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

DIVISION 14

Description of work: 2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm: HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee: \$6,000,000.00
Supplemental Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
5% / \$150,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$150,000.00
DBE/MBE/SPSF Utilization: MA Engineering Consultants Inc
5% / \$150,000.00
SPSF Utilization: MI Engineering PLLC
5% / \$150,000.00

Divisions - Statewide

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 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm: Summit Design and Engineering Services PLLC, Hillsborough, NC
Original Engineering Fee: \$15,000,000.00
Previous Supplemental Fee: \$10,000,000.00
Supplemental Fee: \$10,000,000.00
SPSF Utilization: 100%

Description of work: 2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm: Volkert Inc, Birmingham, AL
Original Engineering Fee: \$15,000,000.00
Supplemental Fee: \$10,000,000.00
SPSF Utilization: 0%

Technical Services

Roadway Design 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: 2016 Planning and Design LSC
Firm: AECOM Technical Services of North Carolina Inc, Chicago, IL
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: \$3,000,000.00 and Time extension (6 months)
SPSF Utilization: Summit Design and Engineering Services PLLC
2.5% / \$75,000.00
SPSF Utilization: Mattern & Craig Inc
1% / \$30,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
1.5% / \$45,000.00

Description of work: 2016 Planning and Design LSC
Firm: Atkins North America Inc, Raleigh, NC
Original Engineering Fee: \$5,000,000.00
Previous Supplemental Fee: \$3,000,000.00 and Time extension (6 months)
Supplemental Fee: \$3,000,000.00
SPSF Utilization: Hinde Engineering Inc
3% / \$90,000.00
SPSF Utilization: MI Engineering PLLC
3% / \$90,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC
5% / \$150,000.00

Description of work: 2016 Planning and Design LSC
Firm: Calyx Engineers and Consultants Inc, Raleigh, NC
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: Dewberry Engineers Inc, Raleigh, NC
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: DRMP Inc, Charlotte, NC
Original Engineering Fee: \$3,000,000.00
Supplemental Fee: \$2,000,000.00 and Time extension (6 months)
SPSF Utilization: Hinde Engineering Inc
2% / \$40,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
5% / \$100,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC
7% / \$140,000.00
SPSF Utilization: SpanishSpeaking, LLC
1% / \$20,000.00
SPSF Utilization: Sungate Design Group PA
6% / \$120,000.00
DBE/MBE/SPSF Utilization: Tech Engineering Group PLLC
2% / \$40,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
8% / \$160,000.00

Description of work: 2016 Planning and Design LSC
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: Johnson Mirmiran & Thompson Inc, Hunt Valley, MD
Original Engineering Fee: \$3,000,000.00
Supplemental Fee: \$2,000,000.00 and Time extension (6 months)
SPSF Utilization: MI Engineering PLLC
12% / \$240,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
4% / \$80,000.00
DBE/WBE/SPSF Utilization: Southeastern Right of Way LLC
2% / \$40,000.00
DBE/MBE/SPSF Utilization: Neighborhood Solutions LLC
2% / \$40,000.00
DBE/MBE/SPSF Utilization: Baseline Mobility Group Inc
2% / \$40,000.00
SPSF Utilization: LJB Inc
4% / \$80,000.00

Description of work: 2016 Planning and Design LSC
Firm: KCI Associates of North Carolina PA, Baltimore, MD
Original Engineering Fee: \$5,000,000.00
Supplemental Fee: \$3,000,000.00 and Time extension (6 months)
DBE/WBE/SPSF Utilization: Planning Communities, LLC
20% / \$600,000.00
SPSF Utilization: Sungate Design Group PA
15% / \$450,000.00

Description of work: 2016 Planning and Design LSC
Firm: Kimley-Horn & Associates Inc, Raleigh, NC
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: \$3,000,000.00 and Time extension (6 months)
DBE/WBE/SPSF Utilization: CH Engineering PLLC
10% / \$300,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
5% / \$150,000.00
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
8% / \$240,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
4% / \$120,000.00
DBE/MBE/SPSF Utilization: Neighborhood Solutions LLC
2% / \$60,000.00
SPSF Utilization: SpanishSpeaking, LLC
1% / \$30,000.00

Description of work: 2016 Planning and Design LSC
Firm: H. W. Lochner, Inc., Raleigh, NC
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: Mead & Hunt Inc, Raleigh, NC
Original Engineering Fee: \$3,000,000.00
Supplemental Fee: \$2,000,000.00 and Time extension (6 months)
DBE/MBE/SPSF Utilization: John Davenport Engineering Inc
13% / \$260,000.00
SPSF Utilization: EEE Consulting Inc
4% / \$80,000.00
DBE/MBE/SPSF Utilization: Neighborhood Solutions LLC
5% / \$100,000.00

Description of work: 2016 Planning and Design LSC
Firm: Moffatt & Nichol Incorporated, Raleigh, NC
Original Engineering Fee: \$5,000,000.00
Supplemental Fee: \$3,000,000.00 and Time extension (6 months)
SPSF Utilization: Clearbox Forecast Group PLLC
1% / \$30,000.00
DBE/MBE/SPSF Utilization: John Davenport Engineering Inc
4.5% / \$135,000.00
SPSF Utilization: Joyner Keeny PLLC
2.5% / \$75,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
2% / \$60,000.00
DBE/MBE/SPSF Utilization: Vistabution LLC
4% / \$120,000.00

Description of work: 2016 Planning and Design LSC
Firm: Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee: \$5,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: Rummel Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: \$3,000,000.00 and Time extension (6 months)
DBE/MBE/SPSF Utilization: Accelerate Engineering PLLC
1% / \$30,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
1% / \$30,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
4% / \$120,000.00
DBE/MBE/SPSF Utilization: MM/I and Associates LLC
1% / \$30,000.00

Description of work: 2016 Planning and Design LSC
Firm: RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: \$3,000,000.00 and Time extension (6 months)
SPSF Utilization: Carolina Ecosystems Inc
2.5% / \$75,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC
2.5% / \$75,000.00
SPSF Utilization: Commonwealth Heritage Group Inc
2% / \$60,000.00
SPSF Utilization: Progressive Design Group, Inc.
4% / \$120,000.00
SPSF Utilization: Clearbox Forecast Group PLLC
1% / \$30,000.00
SPSF Utilization: Angler Environmental
2% / \$60,000.00

Description of work: 2016 Planning and Design LSC
Firm: Simpson Engineers & Associates PC, Cary, NC
Original Engineering Fee: \$5,000,000.00
Supplemental Fee: Time extension only (6 months)
DBE/MBE/SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: Stantec Consulting Services Inc, Raleigh, NC
Original Engineering Fee: \$5,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: Stewart, Philadelphia, PA
Original Engineering Fee: \$5,000,000.00
Supplemental Fee: \$3,000,000.00 and Time extension (6 months)
SPSF Utilization: Patriot Transportation Engineering PLLC
8% / \$240,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
15% / \$450,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
6% / \$180,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC
4% / \$120,000.00
SPSF Utilization: MI Engineering PLLC
3% / \$90,000.00
SPSF Utilization: Municipal Engineering Services Company PA
2% / \$60,000.00

Description of work: 2016 Planning and Design LSC
Firm: STV Engineers, Inc., Charlotte, NC
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: Summit Design and Engineering Services PLLC,
Hillsborough, NC
Original Engineering Fee: \$3,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: TGS Engineers, Shelby, NC
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: Three Oaks Engineering, Durham, NC
Original Engineering Fee: \$5,000,000.00
Supplemental Fee: \$3,000,000.00 and Time extension (6 months)
DBE/WBE/SPSF Utilization: 100%

Description of work: 2016 Planning and Design LSC
Firm: VHB Engineering NC, P.C., Watertown, MA
Original Engineering Fee: \$8,000,000.00
Supplemental Fee: Time extension only (6 months)
SPSF Utilization: N/A

Description of work: 2016 Planning and Design LSC
Firm: WSP USA Inc, Raleigh, NC
Original Engineering Fee: \$5,000,000.00
Supplemental Fee: \$3,000,000.00 and Time extension (6 months)
SPSF Utilization: Carolina Ecosystems Inc
3% / \$90,000.00
SPSF Utilization: Utility Coordination Consultants
3% / \$90,000.00
SPSF Utilization: EEE Consulting Inc
2% / \$60,000.00
DBE/WBE/SPSF Utilization: Morton & Morton Design Services PLLC
1% / \$30,000.00
SPSF Utilization: SpanishSpeaking, LLC
1% / \$30,000.00

Turnpike Authority

Turnpike Authority

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

STATEWIDE

Description of work:	2015-2018 Traffic & Revenue Services LSC
Firm:	Stantec Consulting Services Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 3% / \$60,000.00

Turnpike Authority

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

STATEWIDE

Description of work:	2015-2018 Toll Operation Services LSC
Firm:	Atkins North America Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$2,500,000.00
SPSF Utilization:	0%

Turnpike Authority

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

STATEWIDE

Description of work:	On-Call General Professional and Engineering Services for oversight of Public Private Partnership and other Innovatively Delivered Projects
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE Utilization:	B Reese Advisory LLC 5% / \$100,000.00
SPSF Utilization:	Forge Communications LLC 5% / \$100,000.00

END of ITEM D.

**NCDOT DECEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Secondary Road Improvement Projects (Highway and Trust Funds)**

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

Div / County	SR No. / Road Name	Description	Amount
Div 7 Rockingham	SR 2019 Jarrell Road	Grade, Base, Drain, & Pave Establish Funds 7C.079242	\$380,000.00
Div 11 Caldwell	Countywide	Countywide Spot Stabilization, Paved Road Improvements, Safety Projects Increase Funds WBS 11C.014020	\$3,475.30
Div 14 Clay	SR 1199 Emily Lane	Grade, Base, Drain & Pave Establish Funds WBS 14C.022056	\$80,000.00

Item E Summary:

2	Project to Establish Funds	\$460,000.00
1	Projects to Increase Funds	\$3,475.30

NCDOT December 2018 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 2				
Carteret	51743	0.03	Extend SR 1170, West Beaufort Road	1/23/18
Pitt	51744	0.10	Davis Farm Cox Farm Road	7/2/18
Pitt	51745	0.38 0.05	Wellington West Derbyshire Lane Hardaway Place	7/12/18
Pitt	51754	0.56	Sugg Parkway	5/8/18
Division 3				
Onslow	51746	0.49	Rockford Forest McCall Drive	9/7/18
Pender	51747	0.61 0.10	Holly Hill Estates Holly Hill Road S. Kingfisher Lane	9/10/18
Division 4				
Johnston	51748	0.23 0.07	Taft Woods East Extend SR 3258, Rockport Drive Mosswood Court	10/3/18
Division 7				
Guilford	51749	0.26	Galewood Acres Galewood Drive	10/18/18
Guilford	51750	0.17	Kellam's Creek Kellam's Creek Court	9/24/18
Guilford	51751	0.16	Stonebridge South Stoneway Court	9/12/18
Division 8				
Lee	51752	0.09	Mount Joy Place (Naugle) Mount Joy Place	7/30/18
Lee	51753	0.40	Quail Ridge Lark Lane	8/15/18
Randolph	51755	0.30	Patriot Woods Patriot Woods Drive	9/6/18

December 6, 2018

NCDOT December 2018 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 10 Cabarrus	51756	0.20	Bill McGee Road	10/8/18
Division 12 Iredell	51757	0.83 0.12	Anniston Walking Horse Trail Overlook Ridge Lane	10/17/18
Iredell	51758	1.00 0.13 0.22	Bells Crossing S. San Augustin Drive Abbeville Lane Campanile Drive	7/15/18
Iredell	51759	0.04	The Harbour Windy Run Lane	10/31/18
Division 13 Burke	51760	0.07	Lakeridge Lakeridge Court	10/29/18

NCDOT December 2018 Board of Transportation Agenda

Abandonments from the State Highway System:

County	Pet. No.	Length Abandoned (Miles)	Description	Date of Report
Division 2 Beaufort	51761	0.50	All of SR 1169, Sawyer Road	9/27/18
Division 3 Onslow	51762	0.07	All of SR 1384, Water Plant Road	10/5/18
Division 10 Cabarrus	51763	0.03	Portion of SR 1446, Quay Road	10/22/18
Cabarrus	51764	0.17	Portion of SR 1170 Crozier Branch Road	10/8/2018

Summary: **Number of roads petitioned for addition – 24**
Number of roads petitioned for abandonment - 4

Minutes Corrections:

County	Requested Action
None	None

NCDOT DECEMBER 2018 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 Beaufort	WBS 49032 was established (02/18) for widening, resurfacing, shoulder reconstruction, pavement markings & markers on NC-306 from NC 33 to the Beaufort/Pamlico Co. line Reduce funds	High Impact / Low Cost TOTAL	(\$200,000.00) (\$200,000.00)
Div 2 Jones	WBS 49031 was established (02/18) for widening, resurfacing, and shoulder reconstruction on SR 1116 (White Oak River Rd) from SR 1117 to SR 1115 Reduce funds	High Impact / Low Cost TOTAL	(\$92,808.78) (\$92,808.78)
Div 3 Duplin	Relocate two Wendell Murphy Freeway signs, including new supports, along I-40 WBS 48440	Contingency TOTAL	\$12,000.00 \$12,000.00
Div 4 Wayne	Town of Mount Olive – Construct a connector road between NC-55 and Talton St and turn lanes on NC-55 WBS 80093	Small Construction Public Access Contingency TOTAL	\$95,000.00 \$75,000.00 \$750,000.00 \$920,000.00
Div 7 Rockingham	WBS 47426 was established (06/17) for widening, turn lanes, and resurfacing on US-158 and SR 2350 (Hudson Rd) at Bethany Charter School Increase & close	Contingency TOTAL	\$16,239.56 \$16,239.56
Div 9 Forsyth	Replace two sections of concrete median barrier on I-40 between US-52 and Old Lexington Rd in Winston-Salem WBS 48439	Small Construction TOTAL	\$125,000.00 \$125,000.00

**NCDOT DECEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost**

County	Description	Type	Amount
Div 12 Catawba	City of Claremont – WBS 45858 was established (06/16) to grade, drain, base, & pave approximately 1,400 ft of industrial access road for new industrial facility; Project Longbow Increase funds	Contingency <hr/> TOTAL	\$141,000.00 <hr/> \$141,000.00
Div 14 Cherokee	WBS 47415 was established (06/17) to extend existing turn lanes at US-64 & NC-294 and US-64 at crossover just west of Murphy Increase funds	Small Construction <hr/> TOTAL	\$29,806.72 <hr/> \$29,806.72

Deletion:

Div 2, Beaufort County – WBS 46386.2.1 was established (09/15) as a Scope revision to expand a project on SR 1306 (15th St) from US-17 Business (Carolina Ave) to Brown St & widen to multi-lanes; associated with TIP project U-5860; ROW currently unavailable

Summary:	Number of Divisions	7
	Number of Projects	8
	Small Construction Commitment	\$249,806.72
	Public Access Commitment	\$75,000.00
	Contingency Commitment	\$919,239.56
	Economic Development Commitment	\$0.00
	High Impact/Low Cost Commitment	(\$292,808.78)
	TOTAL:	\$951,237.50

NCDOT December 2018 Board of Transportation Agenda
Public Transportation Program

Town/County Division	Project Description	Estimated Cost
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There will be no items presented for approval at the December 6, 2018, Board of Transportation meeting.

ITEM I - 1 SUMMARY – NO PROJECTS

NCDOT December 2018 Board of Transportation Agenda

Rail Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the December 6, 2018 Board of Transportation meeting.

ITEM I-2 SUMMARY – NO PROJECTS

NCDOT December 2018 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 6, 2018, Board of Transportation meeting.	

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT December 2018 Board of Transportation Agenda

Aviation Program

**Division
Airport
County**

Project Description

Division 8
Raleigh Executive
Jetport
Lee County

Parking Lot and Access Road (Construction)

This project will reconstruct old failing terminal area parking and airfield access road pavements. [PR# 4049]

ITEM I-4 SUMMARY – 1 PROJECT – (TOTAL STATE and FEDERAL COST) \$904,500.

* Project selection and approval for award. Costs are estimated. Only eligible costs within the project scope of work will be reimbursed.

**NCDOT December 2018 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Bertie Co. Div. 1 R-5809 DIVISION	WBS 46976.1.1 NC 45 from Hertford County Line to Washington County Line. \$819,333.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$500,000.00
Northampton Co. Div. 1 R-5757 DIVISION	WBS 44709.1.1 NC 305 from Seaboard Town Limits to Hertford County Line. \$737,952.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$600,000.00
Tyrrell Co. Div. 1 B-5936 STATEWIDE	WBS 46478.3.1 Bridge # 7 over Alligator River on US 64. \$18,250,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$500,000.00
Carteret Co. Div. 2 U-5876 STATEWIDE	WBS 44678.1.1 US 70 (Arendell Street) from 4th street to SR 1175 (Radio Island Road). \$300,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,000,000.00
Lenoir Co. Div. 2 R-5703 REGIONAL	WBS 46375.2.1 NC 148 (Harvey Parkway) from NC 58 to NC 11. \$6,690,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$750,000.00

**NCDOT December 2018 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Brunswick/ New Hanover Cos. Div. 3 R-2633B STATEWIDE	WBS 34491.2.3 US 17 (Wilmington Bypass) from US 74-76 east of Malmo in Brunswick County to US 421 north of Wilmington in New Hanover County. \$32,050,000.00 has previously been approved for right of way and utilities. Additional funds are requested for legal settlements. This is a Strategic Transportation Investments Transition project. This project has previously been identified as a Trust Fund Urban Loop project.	\$3,300,000.00
Brunswick Co. Div. 3 U-5932 STATEWIDE	WBS 45942.1.1 US 17 at NC 211. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00
Brunswick Co. Div. 3 U-6104 REGIONAL	WBS 48350.1.1 US 17 (Shalotte Bypass) at US 17 Business South (Main Street). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$750,000.00
New Hanover Co. Div. 3 U-4902B REGIONAL	WBS 40238.1.2 US 17 Business (Market Street) from CSX Railroad to Cinema Drive and from Jacksonville Street to north of US 117/NC 132 (College Road). \$1,750,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$800,000.00
New Hanover Co. Div. 3 U-4902C STATEWIDE	WBS 40238.1.3 US 17 Business (Market Street) from north of US 117 / NC 132 (College Road) to Station Road. \$3,500,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$650,000.00

**NCDOT December 2018 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Hanover Co. Div. 3 U-4902D STATEWIDE	WBS 40238.1.4 US 17 Business (Market Street) from SR 1403 (Middle Sound Loop Road) to SR 2290 (Mendenhall Drive)/ SR 2734 (Marsh Oaks Drive). \$2,500,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$775,000.00
New Hanover Co. Div. 3 U-5710A STATEWIDE	WBS 50115.2.2 New location from SR 1409 (Military Cutoff Road) at Drysdale Drive to US 74 (Eastwood Road). Initial funds are requested for full right of way and utilities.	\$6,422,000.00
New Hanover Co. Div. 3 U-5729 REGIONAL/ STATEWIDE	WBS 54020.1.1 US 421 (Carolina Beach Road) from US 421 (Burnett Avenue) to US 117 (Shipyard Boulevard) in Wilmington. \$1,600,000.00 has previously been approved for preliminary engineering. Additional funds are requested using Statewide Tier funding.	\$200,000.00
New Hanover Co. Div. 3 U-5863 REGIONAL	WBS 46388.1.1 NC 133 from I-140/US 17, Wilmington Bypass to SR 1310 (Division Drive). \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00
New Hanover Co. Div. 3 U-5881 STATEWIDE	WBS 44695.1.1 NC 132 (College Road) from SR 2048 (Gordon Road) to SR 1272 (New Centre Drive). \$750,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Hanover Co. Div. 3 U-6128 REGIONAL	WBS 48351.1.1 US 76 (Oleander Drive) at Greenville Loop Road and Greenville Avenue. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$250,000.00
Onslow Co. Div. 3 R-5885 REGIONAL	WBS 48353.1.1 NC 24 (West Corbett Avenue) from Belgrade-Swansboro Road to Front Street. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$1,000,000.00
Onslow Co. Div. 3 U-5728 REGIONAL	WBS 54019.1.1 US 17 Business (Marine Boulevard) at SR 1308 (Bell Fork Road) in Jacksonville. \$551,711.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$150,000.00
Onslow Co. Div. 3 U-5735 REGIONAL	WBS 54025.1.1 US 17 (Wilmington Highway) at SR 1130 (Old Maple Hurst Road). Construct interchange. \$1,400,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
Onslow Co. Div. 3 U-5736 REGIONAL	WBS 54026.1.1 NC 53 (Western Boulevard) from US 17 (Marine Boulevard) to NC 24 (Lejuene Boulevard). \$2,000,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Onslow Co. Div. 3 U-5739 REGIONAL	WBS 54028.1.1 US 258 (Richlands Highway) from SR 1212 (Pony Farm Road) to SR 1213 (Blue Creek Road). \$1,500,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
Onslow Co. Div. 3 U-5787 DIVISION	WBS 44359.1.1 SR 2715 (Trade Street) from NC 53 (Western Boulevard) to McDaniel Drive. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00
Onslow Co. Div. 3 U-5878 DIVISION	WBS 44694.1.1 Commerce Drive, from Commerce Drive to SR 1406 (Piney Green Road). \$750,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
Onslow Co. Div. 3 U-5949 REGIONAL	WBS 46896.1.1 NC 210 from US 17 to South of SR 1518 (Old Folkstone Road). \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$150,000.00
Onslow Co. Div. 3 U-5951 REGIONAL	WBS 45870.1.1 US 17 at US 17 Business (Marine Boulevard). \$750,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$600,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Onslow Co. Div. 3 U-6148 REGIONAL	WBS 48352.1.1 US 258 / NC 24 at SR 1329 (Rhodestown Fire Department Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$250,000.00
New Hanover/ Pender Cos. Div. 3 R-3300 STATEWIDE	WBS 40237.1.1 US 17 Hampstead Bypass from US 17 to US 17 north of Hampstead. \$4,033,500.00 has previously been approved for preliminary engineering. Additional funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$3,250,000.00
Pender Co. Div. 3 R-5877 REGIONAL	WBS 48354.1.1 US 17 at NC 210 (Surf City). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$250,000.00
Pender Co. Div. 3 R-5899 REGIONAL	WBS 48355.1.1 NC 210 at SR 1560 (Watts Landing Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$250,000.00
Pender Co. Div. 3 R-5900 REGIONAL	WBS 48356.1.1 NC 50 / NC 210 at SR 1534 (Belt Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$250,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pender Co. Div. 3 U-5732 REGIONAL	WBS 54023.1.1 US 17 from SR 1582 (Washington Acres Road) to SR 1563 (Sloop Point Loop Road). Convert to superstreet. \$2,500,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$2,650,000.00
Sampson Co. Div. 3 U-6126 REGIONAL	WBS 48328.1.1 NC 24 (Southwest Boulevard/MLK JR. Boulevard) at Butler Road/Tram Road. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$250,000.00
Edgecombe/ Nash Cos. Div. 4 P-5711A STATEWIDE	WBS 44908.3.2 CSX A Line Intermodal Terminal. Initial funds are requested for construction.	\$50,000,000.00
Edgecombe Co. Div. 4 U-4424 DIVISION	WBS 39062.1.2 NC 111 (Wilson Street) from US 64 Alternate (Western Boulevard) to NC 122 (McNair Road). \$315,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$720,000.00
Wayne Co. Div. 4 R-2554BA STATEWIDE	WBS 34461.2.7 US 70 (Goldsboro Bypass) from east of SR 1300 (Salem Church Road) to east of SR 1556 (Wayne Memorial Drive). \$12,187,000.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$1,372,748.43). WBS will be closed.	-\$1,372,748.43

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Durham Co. Div. 5 P-5602EC STATEWIDE	WBS 46393.1.31 Blackwell / Mangum grade separation. Initial funds are requested for preliminary engineering.	\$100,000.00
Durham Co. Div. 5 U-5745 REGIONAL	WBS 50166.3.1 NC 751 (Hope Valley Road) at SR 1183 (University Drive) intersection in Durham. \$1,815,000.00 has previously been approved for construction. \$1,000,000.00 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Durham Co. Div. 5 U-5745 REGIONAL	WBS 50166.1.1 NC 751 (Hope Valley Road) at SR 1183 (University Drive) intersection in Durham. \$400,500.00 has previously been approved for preliminary engineering. \$356,000.00 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Franklin Co. Div. 5 R-3608 REGIONAL	WBS 46957.1.1 US 401 / NC 39 from NC 56 / NC 581 (Nash Street) to SR 1229 (Main Street). \$250,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$600,000.00
Franklin Co. Div. 5 U-6024 DIVISION	WBS 47151.1.1 US 401 / NC 39 from Burke Boulevard to NS 56 / NC 581 (Nash Street) in Louisburg. \$250,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$500,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 P-5602EA STATEWIDE	WBS 46393.1.29 Wolfpack Lane grade separation. Initial funds are requested for preliminary engineering.	\$150,000.00
Wake Co. Div. 5 P-5602EB STATEWIDE	WBS 46393.1.30 Jones Sausage Road grade separation. Initial funds are requested for preliminary engineering.	\$100,000.00
Wake Co. Div. 5 U-5302 REGIONAL	WBS 48000.1.1 US 401 from south of SR 1006 (Old Stage Road) to south of SR 2538 (Mechanical Boulevard) in Garner. \$795,000.00 has previously been approved for preliminary engineering. Additional funds are requested to complete final design.	\$350,000.00
Wake Co. Div. 5 U-5811 DIVISION	WBS 44384.1.1 SR 1002 (Aviation Parkway) from NC 54 to I-40 in Morrisville. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are requested for preliminary engineering.	\$1,500,000.00
Wake Co. Div. 5 U-5826 DIVISION	WBS 44398.2.1 SR 2000 (Falls of Neuse Road) from I-540 to SR 2006 (Durant Road). Initial funds are requested for full right of way and utilities.	\$1,000,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 U-5891 REGIONAL	WBS 44706.1.1 NC 50 (Creedmoor Road) from I-540 to north of NC 98. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$2,000,000.00
Alamance Co. Div. 7 P-5602GA STATEWIDE	WBS 46393.1.26 Buckhorn road grade separation. Initial funds are requested for preliminary engineering.	\$100,000.00
Greensboro/ Guilford Co. Div. 7 U-2525B STATEWIDE	WBS 34821.2.SU3 Greensboro Eastern Loop from north of US 70 to US 29 north of Greensboro. \$3,000,000.00 has previously been approved for utilities. Funds need to be decreased (\$1,836,259.49). This is a Strategic Transportation Investments Transition project. WBS will be closed.	-\$1,836,259.49
Guilford Co. Div. 7 U-5896 DIVISION	WBS 44674.2.1 US 29 / US 70 / Business 85 at SR 1009 (South Main Street) in High Point. Funds are requested for advanced acquisition of Specific Parcel 605 (Property of John A. Herke and wife Margaret) for \$577,875.00.	\$577,875.00
Carrboro/ Orange Co. Div. 7 U-2803 DIVISION	WBS 34860.2.1 SR 1919 (Smith Level Road) from Rock Haven Road to Bridge 88 over Morgan Creek. \$3,602,826.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$2,082,585.54). This project has previously been identified as a Trust Fund Specific State Funds Construction project. WBS will be closed.	-\$2,082,585.54

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide Div. 7 M-0488L REGIONAL	WBS 46404.1.12 Greensboro Western Loop MapAct lawsuit. \$200,000.00 has previously been approved for preliminary engineering / legal services. Funds need to be decreased (\$200,000.00). WBS will be closed.	-\$200,000.00
Guilford/ Randolph Cos. Div. 7/08 U-5864A DIVISION	WBS 46389.1.2 SR 1595 / SR 4053 (Surret Drive) from I-85 in Trinity to SR 1300 (West Fairfield Road) in High Point. \$400,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. WBS will be closed.	\$111,337.44
Lee Co. Div. 8 AV-5856 DIVISION	WBS 47209.1.1 Sanford-Lee County Regional Airport (TTA), corporate hangar apron expansion. Initial funds are requested for preliminary engineering.	\$350,000.00
Lee Co. Div. 8 R-3830 DIVISION	WBS 38887.2.2 NC 42 / SR 1579 from US 421 in Sanford to SR 1538 (East Harrington Avenue) in Broadway. Initial funds are requested for utilities.	\$6,000,000.00
Moore Co. Div. 8 AV-5855 DIVISION	WBS 47208.1.1 Moore County Airport (SOP), construct hangar taxiways and internal airfield service road. Initial funds are requested for preliminary engineering.	\$300,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Forsyth Co. Div. 9 AV-5832 DIVISION	WBS 47185.1.1 Smith Reynolds Airport (INT). Construct new taxilane. Initial funds are requested for preliminary engineering.	\$250,100.00
Forsyth Co. Div. 9 AV-5832 DIVISION	WBS 47185.4.1 Smith Reynolds Airport (INT). Construct new taxilane. Initial funds are requested for project mitigation for taxilane.	\$4,300,937.00
Cabarrus/ Mecklenburg Cos. Div. 10 R-5706 REGIONAL	WBS 46378.1.1 NC 73 (Davidson Highway) from SR 2693 (Davidson-Concord Road) to US 29. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$600,000.00
Cabarrus Co. Div. 10 U-6098 DIVISION	WBS 47896.3.1 Various, extend left turn lane at NC 73 and SR 1430. Construct right and left turn at access road on NC 73. Construct roundabout at SR 1620 and SR 1621 (Barr Road). Construct 200 feet southbound on-ramp right turn lane at I-85 and extend storage to northbound off ramp. Initial funds are requested for construction.	\$1,700,000.00
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). \$560,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$560,000.00). Project will be accomplished under project I-5826. WBS will be closed.	-\$560,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 P-5602JA STATEWIDE	WBS 46393.1.27 Old Dowd Road grade separation. Initial funds are requested for preliminary engineering.	\$30,000.00
Mecklenburg Co. Div. 10 P-5602JB STATEWIDE	WBS 46393.1.28 Orr Road grade separation. Initial funds are requested for preliminary engineering.	\$75,000.00
Mecklenburg Co. Div. 10 R-2632AB REGIONAL	WBS 38824.1.2 NC 73 from NC 115 to SR 2693 (Davidson-Concord Road). \$343,768.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$400,000.00
Union Co. Div. 10 P-5704 REGIONAL	WBS 46398.3.1 CSX SF Line, Milepost 311.8 to Milepost 316.9. 10,000 feet track siding extension at Stouts in Union County. Initial funds are requested for construction. This is a Cash Flow project with \$3,500,000.00 in SFY 19 and \$4,700,000.00 in SFY 20.	\$8,200,000.00
Union Co. Div. 10 U-5703 STATEWIDE	WBS 50129.2.1 US 74 (Roosevelt Boulevard) and SR 1514 (Rocky River Road) intersection. \$400,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$800,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Union Co. Div. 10 U-5703B STATEWIDE	WBS 50129.1.3 US 74 (Roosevelt Boulevard), realign James Hamilton Road to intersect with SR 1514 (Rocky River Road) at Myers Road. Initial funds are requested for preliminary engineering.	\$10,000.00
Alleghany Co. Div. 11 R-4060 REGIONAL	WBS 34605.2.RU1 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. \$130,000.00 has previously been approved for utilities. Funds need to be decreased (\$85,605.84). WBS will be closed.	-\$85,605.84
Surry Co. Div. 11 I-6050 STATEWIDE	WBS 47998.1.1 I-74 & I-77 interchange/ramps. Initial funds are requested for preliminary engineering.	\$10,000.00
Yadkin Co. Div. 11 U-5809 DIVISION	WBS 44382.2.1 US 601 (State Street) from US 421 to SR 1146 (Lee Avenue). Initial funds are requested for full right of way and utilities.	\$1,700,000.00
Mount Holly/ Gaston Co. Div. 12 U-3633 REGIONAL	WBS 37649.2.RU2 NC 273 (South Main Street) from Tuckaseege Road (at Beatty Drive) to Highland Street. \$60,567.00 has previously been approved for utilities. Funds need to be decreased (\$59,417.31). WBS will be closed.	-\$59,417.31

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Iredell Co. Div. 12 R-5100A DIVISION	WBS 41890.1.2 SR 1109 (Williamson Road) from I-77 to SR 1100 (Brawley School Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Rutherford Co. Div. 13 U-5833 DIVISION	WBS 50225.1.1 SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. \$624,978.00 has previously been approved for preliminary engineering. \$624,978.44 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$49,022.00 of Build NC Bonds funds are requested.	\$49,022.00
Rutherford Co. Div. 13 U-5833 DIVISION	WBS 50225.3.1 SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. \$4,459,810.00 has previously been approved for construction. \$4,000,000.00 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.1.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to SR 1556 (Martins Creek Road). \$1,678,393.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$2,500,000.00
Cherokee/ Clay Cos. Div. 14 R-5847 DIVISION	WBS 47090.1.1 US 64 Business west of Hayesville to east of NC 141. Widen to four lanes divided. \$1,400,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$450,000.00

**NCDOT December 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.1.D1 NC 175 from Georgia State Line to US 64, upgrade roadway. \$1,608,893.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$340,000.00
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.2.1 NC 175 from Georgia State Line to US 64, upgrade roadway. \$2,200,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$550,000.00
Clay Co. Div. 14 R-5863 DIVISION	WBS 47516.1.1 US 64 Business from Main Street to US 64. \$700,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$150,000.00
Graham Co. Div. 14 R-2822B REGIONAL	WBS 34508.1.2 NC 143 from west Buffalo Creek to NC 143 Business. \$605,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$400,000.00
Graham/ Swain Cos. Div. 14 R-5839 DIVISION	WBS 47109.1.1 NC 28 (Fontana Road) from NC 143 to US 129. Upgrade roadway. \$250,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$680,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Haywood Co. Div. 14 U-5839 DIVISION	WBS 50230.1.1 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). \$2,443,401.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00
Henderson Co. Div. 14 U-5840 DIVISION	WBS 50231.3.1 SR 1547 (Old Airport Road) from US 25 to Mills Gap Road. \$4,100,000.00 has previously been approved for construction. \$4,100,000.00 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$2,900,000.00 of Build NC Bonds funds are requested per the latest estimate.	\$2,900,000.00
Henderson Co. Div. 14 U-5840 DIVISION	WBS 50231.1.D1 SR 1547 (Old Airport Road) from US 25 to Mills Gap Road. \$1,130,000.00 has previously been approved for preliminary engineering. \$1,101,000.00 of Division Strategic Transportation Investments funds will be replaced with Build NC Bond funds. Additional funds of \$52,367.95 are requested.	\$52,367.95
Henderson Co. Div. 14 U-5886 DIVISION	WBS 44710.1.1 SR 1170 (White Street) from SR 1171 (Willow Road) to US 176 (Spartanburg Highway). \$720,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$750,000.00
Jackson Co. Div. 14 R-5841A DIVISION	WBS 47084.1.2 NC 107 from NC 281 to Tuckaseegee Lake. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$480,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Jackson Co. Div. 14 R-5841B DIVISION	WBS 47084.1.3 NC 107 from 1000 feet North of the Lake Tuckaseegee Dam to approximately 1mile North of SR 1157 (Pine Creek Road). \$500,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$810,000.00
Macon Co. Div. 14 R-5734A DIVISION	WBS 50192.1.1 US 23/ US 441 from US 64 to SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle). \$1,781,319.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$110,000.00
Macon Co. Div. 14 R-5734B REGIONAL	WBS 50192.1.2 US 23 / US 441 from SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle) to SR 1649 (Prentiss Bridge Road). \$545,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$430,000.00
Polk Co. Div. 14 I-4729A REGIONAL	WBS 34243.2.2 I-26 / US 74 / NC 108 interchange. \$940,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$800,000.00
Polk Co. Div. 14 I-4729B REGIONAL	WBS 34243.1.5 Construct improvements on NC 108 at exit 67. \$780,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Polk Co. Div. 14 R-5840 DIVISION	WBS 47083.1.1 NC 9 from US 74 to NC 108. Add paved shoulders. \$625,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$390,000.00
Swain/ Jackson Cos. Div. 14 R-4751 REGIONAL	WBS 40115.1.2 US 19 from SR 1152 (Hughes Branch Road) in Bryson City to SR 1195 (US 19A). \$1,170,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$130,000.00
Transylvania Co. Div. 14 R-5763 DIVISION	WBS 44638.1.1 SR 1540 (Wilson Road) from SR 1504 (Old US 64) to US 276. \$1,420,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$350,000.00
Transylvania Co. Div. 14 R-5799 REGIONAL	WBS 44984.1.1 Intersections of US 64, US 276 and NC 280. \$705,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$820,000.00
Statewide R-9999 STATEWIDE	WBS 34634.4.6 Mitigation for Little Tenn 0204. Initial funds are requested to purchase private mitigation bank credits.	\$2,511,600.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide R-9999WM STATEWIDE/ REGIONAL/ DIVISION	WBS 34634.4.7 Mitigation for Pasquotank 0205. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$5,727,247.20) / 30% Regional (\$4,295,435.40) / 30% Division (\$4,295,435.40) Tier funding.	\$14,318,118.00
Statewide R-9999WM STATEWIDE/ REGIONAL/ DIVISION	WBS 34634.4.8 Mitigation for Watauga 0103. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$2,588,659.20) / 30% Regional (\$1,941,494.40) / 30% Division (\$1,941,494.40) Tier funding.	\$6,471,648.00
Statewide R-9999WM STATEWIDE/ REGIONAL/ DIVISION	WBS 34634.4.9 Mitigation for Cape Fear 0005. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$4,067,199.20) / 30% Regional (\$3,050,399.40) / 30% Division (\$3,050,399.40) Tier funding.	\$10,167,998.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	23 PROJECTS	\$66,564,592.08
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	35 PROJECTS	\$24,834,976.85
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	36 PROJECTS	\$30,189,053.85
REGIONAL/STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$200,000.00
STATEWIDE/REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	3 PROJECTS	\$30,957,764.00
STRATEGIC TRANSPORTATION INVESTMENTS	98 PROJECTS	\$152,746,386.78

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility 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 and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Bertie Co. Div. 1 SS-4901BJ	WBS 48284.3.1 NC 308 (Governors Road) between the Lewiston Town Limits and SR 1134 (Griffins Quarter Road). Initial Spot Safety construction funds are needed for rumble strip installation and pavement marking revisions. File 01-18-53520C	\$38,000.00
Bertie Co. Div. 1 SS-4901BK	WBS 48285.3.1 US 13/17 between the Roanoke River Bridge and SR 1521 (Cedar Landing Road). Initial Spot Safety construction funds are needed for widening, rumble strip installation, and pavement marking revisions. File 01-18-53585C	\$400,000.00
Jones Co. Div. 2 SS-4902CY	WBS 48287.3.1 NC 41 at SR 1002 (Wyse Fork Road/Ten Mile Fork Road). Initial Spot Safety construction funds are needed for actuated flasher installation and Stop Sign upgrades. File 02-18-53676C	\$35,000.00
Kinston/ Lenoir Co. Div. 2 SS-4902CX	WBS 48286.3.1 US 70 Bus./258 Bus. (Vernon Avenue) at SR 1570 (College Street); US 70 Bus./258 Bus. (Vernon Avenue) at Carey Road; and US 70 Bus./258 Bus. (Vernon Avenue) at Greenbrier Road. Initial Spot Safety construction funds are needed for traffic signal revisions. File 02-18-52800C	\$150,000.00
Greenville/ Pitt Co. Div. 2 SS-4902CZ	WBS 48288.3.1 US 264 (Greenville Boulevard) at SR 1523 (Whichard Road). Initial Spot Safety construction funds are needed for offset right turn lane construction. File 02-18-51509C	\$135,000.00

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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility 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 and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 SS-4902DA	WBS 48289.3.1 US 264 Alternate at SR 1139 (Moye-Turnage Road). Initial Spot Safety construction funds are needed for intersection improvements. File 02-18-51660C	\$253,000.00
Greenville/ Pitt Co. Div. 2 SS-4902DB	WBS 48445.3.1 SR 1707 (Charles Boulevard) 630' south of SR 1703 (14th Street). Initial Spot Safety construction funds are needed for Rectangular Rapid Flashing Beacons installation at existing crosswalk. File 02-18-54508C	\$30,000.00
Brunswick Co. Div. 3 SS-4903DX	WBS 48295.3.1 NC 904 (Seaside Road) and NC 179/SR 1163 (Old Georgetown Road). Initial Spot Safety construction funds are needed for traffic signal revisions. File 03-18-48386C	\$16,000.00
Brunswick Co. Div. 3 SS-4903DZ	WBS 48297.3.1 SR 1115 (Stone Chimney Road/Old Ferry Connection) and SR 1119 (Stanley Road). Initial Spot Safety construction funds are needed for Stop Sign upgrades. File 03-18-53711C	\$5,000.00
New Hanover Co. Div. 3 SS-4903DU	WBS 48290.3.1 US 17 Business (3rd Street) at Castle Street. Initial Spot Safety construction funds are needed for traffic signal revisions and High Visibility Crosswalk installation. File 03-18-48960C	\$133,000.00

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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility 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 and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wilmington/ New Hanover Co. Div. 3 SS-4903DW	WBS 48294.3.1 US 17-76 (Dawson Street) and US 421 (3rd Street). Initial Spot Safety construction funds are needed for traffic signal revisions. File 03-18-52326C	\$12,000.00
Sampson Co. Div. 3 SS-4903DV	WBS 48291.3.1 US 13 at SR 1472 (Wrench Road). Initial Spot Safety construction funds are needed for actuated flashing beacon installation. File 03-18-53721C	\$77,000.00
Sampson Co. Div. 3 SS-4903DY	WBS 48296.2.1 SR 1918 (Matthis Road) at SR 1919 (Old Warsaw Road). Initial Spot Safety right of way and utilities funds are needed for actuated flasher installation with warning signs and sight distance improvements. File 03-17-47761R	\$36,000.00
Sampson Co. Div. 3 SS-4903DY	WBS 48296.3.1 SR 1918 (Matthis Road) at SR 1919 (Old Warsaw Road). Initial Spot Safety construction funds are needed for actuated flasher installation with warning signs and sight distance improvements. File 03-17-47761C	\$92,000.00
Clayton/ Johnston Co. Div. 4 SM-5704B	WBS 48441.3.1 US 70 Business at SR 1553 (Shotwell Road). Initial Spot Mobility construction funds are needed for right turn lane construction. File 04-18-52127C	\$229,000.00

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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility 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 and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Clayton/ Johnston Co. Div. 4 SM-5704B	WBS 48441.1.1 US 70 Business at SR 1553 (Shotwell Road). Initial Spot Mobility preliminary engineering funds are needed for right turn lane construction. File 04-18-52127P	\$50,000.00
Clayton/ Johnston Co. Div. 4 SM-5704B	WBS 48441.2.1 US 70 Business at SR 1553 (Shotwell Road). Initial Spot Mobility right of way and utilities funds are needed for right turn lane construction. File 04-18-52127R	\$471,000.00
Johnston Co. Div. 4 SS-4904ES	WBS 48298.3.1 SR 1934 (Old Beulah Road) at SR 2127/2149 (Shoeheel Road). Initial Spot Safety construction funds are needed for Stop Ahead sign and pavement marking installation, and channelization island installation. File 04-18-53496C	\$2,500.00
Johnston Co. Div. 4 SS-4904ET	WBS 48299.3.1 SR 1700 (Covered Bridge Road) at SR 1720 (Applewhite Road/Thanksgiving Fire Road). Initial Spot Safety construction funds are needed for All-Way Stop installation. File 04-18-53494C	\$35,000.00
Nash Co. Div. 4 SS-4904EU	WBS 48300.3.1 NC 58 at NC 97. Initial Spot Safety construction funds are needed for left turn lane construction and traffic signal revisions. File 04-18-52619C	\$145,000.00

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Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility 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 and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Nash Co. Div. 4 SS-4904EU	WBS 48300.2.1 NC 58 at NC 97. Initial Spot Safety construction funds are needed for left turn lane right of way and utilities and traffic signal revisions. File 04-18-52619R	\$40,000.00
Durham/ Durham Co. Div. 5 SS-4905FM	WBS 48301.3.1 NC 55 (Apex Highway) at I-40 Eastbound Exit Ramp (Exit 278)/Park Forty Plaza. Initial Spot Safety construction funds are needed for traffic signal revisions. File 05-18-53851C	\$25,000.00
Vance Co. Div. 5 SS-4905FN	WBS 48302.3.1 SR 1501 (Allison Cooper Road) at Fishing Creek Bridge. Initial Spot Safety construction funds are needed for bridge guardrail installation. File 05-18-53853C	\$25,000.00
Wake Co. Div. 5 SM-5705U	WBS 48442.1.1 NC 50 at SR 2711 (Buffaloe Road). Initial Spot Mobility preliminary engineering funds are needed for traffic signal installation. File 05-18-53889P	\$5,000.00
Wake Co. Div. 5 SM-5705U	WBS 48442.3.1 NC 50 at SR 2711 (Buffaloe Road). Initial Spot Mobility construction funds are needed for traffic signal installation. File 05-18-53889C	\$75,000.00

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Angier/ Harnett Co. Div. 6 SS-4906DX	WBS 48303.2.1 NC 55 (Raleigh Street) at SR 1441 (W. Williams Street). Initial Spot Safety right of way and utilities funds are needed for concrete island installation. File 06-18-52382R	\$10,000.00
Angier/ Harnett Co. Div. 6 SS-4906DX	WBS 48303.3.1 NC 55 (Raleigh Street) at SR 1441 (W. Williams Street). Initial Spot Safety construction funds are needed for concrete island installation. File 06-18-52382C	\$64,500.00
Alamance Co. Div. 7 SS-4907CK	WBS 48306.3.1 NC 62 at SR 2029/SR 2030. Initial Spot Safety construction funds are needed for All-Way Stop installation and overhead flasher revisions. File 07-18-863C	\$110,000.00
Greensboro/ Guilford Co. Div. 7 SS-4907CI	WBS 48304.3.1 US 29 at Lakeview Memorial Park Cemetery Entrance. Initial Spot Safety construction funds are needed for directional crossover construction. File 07-18-835C	\$300,000.00
Guilford Co. Div. 7 SS-4907CJ	WBS 48305.3.1 SR 2819 (McLeansville Road) and bridge 4000156 over Reedy Fork Creek. Initial Spot Safety construction funds are needed for bridge guardrail installation. File 07-18-839C	\$41,000.00

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility 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 and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Moore Co. Div. 8 SS-4908BZ	WBS 48307.3.1 SR 1803 (Vass Carthage Road) at SR 1802 (Niagara Carthage Road). Initial Spot Safety construction funds are needed for All-Way Stop installation. File 08-18-51364C	\$10,000.00
Davidson Co. Div. 9 SS-4909CG	WBS 48309.3.1 SR 1232 (Odell Owen Road) approximately 441 feet north of SR 1230. Initial Spot Safety construction funds are needed for guardrail installation. File 09-18-861C	\$26,000.00
Davidson Co. Div. 9 SS-4909CI	WBS 48311.2.1 SR 2097 (Mount Zion Church Road) at SR 2183 (Denton Road). Initial Spot Safety right of way and utilities funds are needed for post mounted Vehicle Entering when Flashing sign and flasher installation. File 09-18-921R	\$26,000.00
Davidson Co. Div. 9 SS-4909CI	WBS 48311.3.1 SR 2097 (Mount Zion Church Road) at SR 2183 (Denton Road). Initial Spot Safety construction funds are needed for post mounted Vehicle Entering when Flashing sign and flasher installation. File 09-18-921C	\$60,000.00
Winston-Salem/ Forsyth Co. Div. 9 SM-5709E	WBS 48443.3.1 SR 3210 (Transou Road) at SR 1525 (Yadkinville Road). Initial Spot Mobility construction funds are needed for right turn lane construction and traffic signal revisions. File 09-18-534C	\$245,000.00

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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility 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 and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston- Salem/ Forsyth Co. Div. 9 SM-5709E	WBS 48443.1.1 SR 3210 (Transou Road) at SR 1525 (Yadkinville Road). Initial Spot Mobility preliminary engineering funds are needed for right turn lane construction and traffic signal revisions. File 09-18-534P	\$30,000.00
Winston- Salem/ Forsyth Co. Div. 9 SM-5709E	WBS 48443.2.1 SR 3210 (Transou Road) at SR 1525 (Yadkinville Road). Initial Spot Mobility right of way and utilities funds are needed for right turn lane construction and traffic signal revisions. File 09-18-534R	\$75,000.00
Kernersville/ Forsyth Co. Div. 9 SS-4909CH	WBS 48310.3.1 SR 2643 (Union Cross Road) at SR 2640 (Shields Road/Whicker Road). Initial Spot Safety construction funds are needed for traffic signal revisions. File 09-18-3897C	\$45,000.00
Kernersville/ Forsyth Co. Div. 9 SS-4909CH	WBS 48310.2.1 SR 2643 (Union Cross Road) at SR 2640 (Shields Road/Whicker Road). Initial Spot Safety right of way and utilities funds are needed for traffic signal revisions File 09-18-3897R	\$65,000.00
Rowan Co. Div. 9 SS-4909CF	WBS 48308.3.1 SR 1503 (Grace Church Road) at SR 1506 (Shue Road). Initial Spot Safety construction funds are needed for post mounted Vehicle Entering when Flashing sign and flasher installation. File 09-18-870C	\$60,000.00

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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rowan Co. Div. 9 SS-4909CF	WBS 48308.2.1 SR 1503 (Grace Church Road) at SR 1506 (Shue Road). Initial Spot Safety right of way and utilities funds are needed for post mounted Vehicle Entering when Flashing sign and flasher installation. File 09-18-870R	\$26,000.00
Pineville/ Matthews/ Monroe/ Mecklenburg/ Union Cos. Div. 10 SM-5710D	WBS 47843.3.1 US 74 signal system between US 601 (South) and Fowlers Secret Road/Williams Road; NC 51, Polk Street, Carolina Place Parkway and Park Road (Pineville signal system); and John Street, NC 51 and US 74 corridors (Matthews signal system). \$580,000.00 in Spot Mobility construction funds has previously been approved for traffic signal system improvements. Additional funds are needed due to scope change. Scope needs to be revised to include additional traffic signal system improvements on numerous routes in Division 10. File 10-17-242-2	\$50,000.00
Pineville/ Matthews/ Monroe/ Mecklenburg/ Union Cos. Div. 10 SM-5710D	WBS 47843.1.1 US 74 signal system between US 601 (South) and Fowlers Secret Road/Williams Road; NC 51, Polk Street, Carolina Place Parkway and Park Road (Pineville signal system); and John Street, NC 51 and US 74 corridors (Matthews signal system). \$120,000 in Spot Mobility preliminary engineering funds has previously been approved for traffic signal system improvements. \$120,000.00 in Spot Mobility preliminary engineering funds has previously been approved for traffic signal system improvements. All funds will not be needed, therefore, reduce funds. File 10-17-242-1	-\$50,000.00
Gastonia/ Gaston Co. Div. 12 SS-4912CV	WBS 48314.3.1 SR 2329 (Redbud Drive)/ SR 2446 (Hoffman Road) at SR 1255 (E. Hudson Boulevard). Initial Spot Safety construction funds are needed for Be Prepared to Stop warning signs and flashers installation, radius revisions, and pavement marking upgrades. File 12-18-223C	\$197,000.00

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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Gastonia/ Gaston Co. Div. 12 SS-4912CV	WBS 48314.2.1 SR 2329 (Redbud Drive)/ SR 2446 (Hoffman Road) at SR 1255 (E. Hudson Boulevard). Initial Spot Safety right of way and utilities funds are needed for Be Prepared to Stop warning signs and flashers installation, radius revisions, and pavement marking upgrades. File 12-18-223R	\$3,000.00
Mooreville/ Iredell Co. Div. 12 SS-4912CU	WBS 48313.3.1 NC 150 at SR 1164/SR 2397 (Oakridge Farm Hwy at Selma Drive/Overhead Bridge Road). Initial Spot Safety construction funds are needed for advance Vehicle When Entering flashing signs and beacons installation. File 12-18-224C	\$21,000.00
Mooreville/ Iredell Co. Div. 12 SS-4912CU	WBS 48313.2.1 NC 150 at SR 1164/SR 2397 (Oakridge Farm Hwy at Selma Drive/Overhead Bridge Road). Initial Spot Safety right of way and utilities funds are needed for advance Vehicle When Entering flashing signs and beacons installation. File 12-18-224R	\$1,000.00
Lincoln Co. Div. 12 SM-5712E	WBS 48444.3.1 NC 73 and NC 16 Business. Initial Spot Mobility construction funds are needed for intersection improvements and traffic signal revisions. File 12-18-219C	\$150,000.00
Lincoln Co. Div. 12 SM-5712E	WBS 48444.1.1 NC 73 and NC 16 Business. Initial Spot Mobility preliminary engineering funds are needed for intersection improvements and traffic signal revisions. File 12-18-219P	\$60,000.00

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Burke Co. Div. 13 SS-4913CW	WBS 48315.3.1 NC 126 from SR 1308 to SR 1281, near Nebo. Initial Spot Safety construction funds are needed for guardrail installation. File 13-18-215C	\$35,000.00
Burke Co. Div. 13 SS-4913CW	WBS 48315.2.1 NC 126 from SR 1308 to SR 1281, near Nebo. Initial Spot Safety right of way and utilities funds are needed for guardrail installation. File 13-18-215R	\$1,000.00
Clay/ Macon Cos. Div. 14 SS-4914DO	WBS 48316.3.1 US 64 from SR 1349 (western intersection) in Clay County to 0.1 mile west of SR 1448. Initial Spot Safety construction funds are needed for rumblestripes, rumblestrips, and long life pavement marking installation. File 14-18-210C	\$280,000.00
Clay/ Macon Cos. Div. 14 SS-4914DO	WBS 48316.2.1 US 64 from SR 1349 (western intersection) in Clay County to 0.1 mile west of SR 1448. Initial Spot Safety right of way and utilities funds are needed for rumblestripes, rumblestrips, and long life pavement marking installation. File 14-18-210R	\$2,000.00

ITEM L SUMMARY

53 PROJECTS

\$4,458,000.00

December 6, 2018

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Northampton Co. ER-5600AA STATEWIDE	46305.3.58, STP-0095(055) I-95 Northampton Welcome Center. Funds are needed for landscape renovations.	\$470,000.00 Cost \$376,000.00 Fed. \$94,000.00 State

Urban

Pasquotank Co. U-5942 REGIONAL	45861.2.1, STBG-0111(025) Elizabeth City Signal System Upgrades. Funds are needed for utilities.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State
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Bridge

Martin Co. B-5503 DIVISION	55003.3.3, BRSTP-0125(006) Replace Bridge #53 over Collie Creek on SR 1142 (Prison Camp Road). Funds are needed for construction to replace bridge.	\$2,050,000.00 Cost \$1,640,000.00 Fed. \$410,000.00 State
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Rural

Martin Co. R-4705 DIVISION	38932.2.2, STP-1142(011) SR 1142 (Prison Camp Road) from NC 903 to SR 1182 (East College Road). Funds are needed for full right of way and utilities.	\$5,500,000.00 Cost \$4,400,000.00 Fed. \$1,100,000.00 State
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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. B-4605 DIVISION	38430.2.1, BRZ-1777(007) Replace Bridge #5 over Chicod Creek on SR 1777. Funds are needed for full right of way and utilities.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 State

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
New Hanover Co. U-3338C REGIONAL	34932.1.4, STP-1175(011) SR 1175 (Kerr Avenue) at the US 74 (Martin Luther King, Jr. Parkway) interchange in Wilmington. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State
New Hanover Co. U-5702A STATEWIDE	50113.1.2, NHP-0132(011) NC 132 (College Road) from SR 1272 (New Centre Drive) to US 117 (Shipyard Boulevard) in Wilmington. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
New Hanover Co. U-5704 STATEWIDE	50114.1.FS1, NHPP-0076(012) NC 132 (College Road) at US 76 (Oleander Drive) in Wilmington. \$800,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
New Hanover Co. U-5710 STATEWIDE	50115.1.FS1, NHPP-0074(159) US 74 (Eastwood Road) at SR 1409 (Military Cutoff Road). \$1,700,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State

Bridge

Brunswick Co. B-5629 DIVISION	45584.1.1, BRZ-1515(011) Replace Bridge #40 over Mills Creek on SR 1515. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Duplin Co. B-5632 DIVISION	45587.1.2, BRZ-1828(001) Replace Bridge #187 over Back Swamp on SR 1828. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Duplin Co. B-5647 DIVISION	45602.1.2, BRZ-1135(011) Replace Bridge #52 over Rock Fish Creek on SR 1135. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Sampson Co. B-5310 DIVISION	46024.1.2, BRZ-1817(001) Replace Bridge #188 over Ward Swamp on SR 1817. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Safety

Onslow Co. W-5602 REGIONAL	50139.3.1, HSIP-0172(013) NC 172 from the Camp Lejeune gate to NC 210. Funds are needed for construction based on the estimate from the 12- Month Tentative Letting List published October 12, 2018.	\$10,631,958.00 Cost \$8,785,566.00 Fed. \$1,846,392.00 State
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Rural

Brunswick Co. R-5021 DIVISION	41582.1.1, STP-0211(021) NC 211 from SR 1500 (Midway Road) to NC 87. \$8,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,500,000.00 Cost \$2,000,000.00 Fed. \$500,000.00 State
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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wilson Co. B-5998 DIVISION	48193.2.1, BRZ-1339(006) Replace Bridge #92 over Town Swamp on SR 1339. Funds are needed for full right of way and utilities.	\$53,000.00 Cost \$42,400.00 Fed. \$10,600.00 State

Safety

Halifax Co. W-5704M REGIONAL	44850.3.13, HSIP-0043(030) NC 43 / NC 561 at SR 1329 (Evans Road) and SR 1333 (Lynch Road). Funds are needed for construction to install all-way stop.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. I-5870 STATEWIDE	46307.1.1, NHP-0440(023) I-440 / US 1 Improvement project from west of Ridge Road to east of US 70 (Glenwood Avenue) in Raleigh. \$2,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
Wake Co. I-5873 REGIONAL	53074.3.1, NHP-0040(084) I-40 at the NC 54 interchange in Raleigh. Funds are needed for construction to improve interchange.	\$4,100,000.00 Cost \$3,280,000.00 Fed. \$820,000.00 State

Congestion Mitigation

Wake Co. C-5604ID EXEMPT	43714.1.16, CMAQ-0503(035) Higgins Greenway Phase 3, approximately 0.8 miles of greenway toward downtown Cary. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$10,500.00 Fed. \$4,500.00 Local
Wake Co. C-5604OB EXEMPT	43714.3.4, CMAQ-0520(056) Raleigh Bike Share System. \$1,381,682.00 has previously been approved for construction. Additional funds are needed for the installation of bike racks and equipment.	\$97,388.00 Cost \$77,910.00 Fed. \$19,478.00 Local

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. U-5927A DIVISION	44796.3.2, STPDA-2768(003) North Judd Parkway - SR 2768 / SR 5056 (North Judd Parkway North East) from SR 3736 (Old Honeycutt Road) to SR 5056 and SR 1402 (East Broad Street). \$1,686,300.00 has previously been approved for construction. Additional funds are needed per the supplemental local agreement to widen roadway to multi-lanes.	\$2,276,000.00 Cost \$1,138,000.00 Fed. \$138,000.00 State \$1,000,000.00 Local
Wake Co. U-6094 DIVISION	47899.1.1, STPDA-0520(121) SR 1152 (Holly Springs Road) from east of NC 55 to Flint Point Lane in Holly Springs. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$20,000.00 Fed. \$5,000.00 Local

Safety

Divisionwide W-5705Z STATEWIDE	44851.1.26, HSIP-00SS(023) Upgrade guardrail end units along various Interstate and National Highway System routes in Highway Division 5. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. W-5705Y DIVISION	44851.1.25, HSIP-1313(007) SR 1313 (Walnut Street) at SR 1349 (Dillard Drive) in Cary. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State

Municipal Bridge

Wake Co. B-5556 DIVISION	50148.3.1, BRSTP-0520(053) Replace Bridge #490 over Walnut Creek on Lake Dam Road in Raleigh. \$1,307,240.00 has previously been approved for construction. Additional funds are needed as requested to replace bridge.	\$360,000.00 Cost \$288,000.00 Fed. \$72,000.00 Local
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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. R-2721 STATEWIDE	37673.1.TA2, STP-0540(019) Future NC 540 - Southern Wake Freeway / Triangle Expressway Southeast Extension (Raleigh Outer Loop) from NC 55 South to US 401 South. \$3,566,964.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$7,200,560.00 Cost \$5,760,448.00 Fed. \$1,440,112.00 State
Wake Co. R-2828 STATEWIDE	35516.1.TA1, STP-0540(027) Future NC 540 - Southern Wake Freeway / Triangle Expressway Southeast Extension (Raleigh Outer Loop) from US 401 to I-40. \$2,643,283.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State
Wake Co. R-2828 STATEWIDE	35516.1.TA2, STP-0540(020) Future NC 540 - Southern Wake Freeway / Triangle Expressway Southeast Extension (Raleigh Outer Loop) from US 401 to I-40. \$7,735,734.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$2,983,568.00 Cost \$2,386,854.00 Fed. \$596,714.00 State
Wake Co. R-2829 STATEWIDE	35517.1.TA1, STP-0540(021) Future NC 540 - Eastern Wake Freeway / Triangle Expressway Southeast Extension (Raleigh Outer Loop) from I-40 to the US 64 / US 264 Bypass south of Garner. \$7,346,062.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. EB-5894 DIVISION	47291.1.1, TAP-0505(094) Black Creek Greenway Phases I, II and V from West Dynasty Drive to Old Reedy Creek Road in Cary. \$4,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 Local
Wake Co. U-5530OA DIVISION	44111.3.15, STPDA-0505(085) Sidewalk Overpass Project along SR 1348 (Trailwood Drive) to fill sidewalk gaps between Thistledown Drive / SR 1572 (Main Campus Drive) and Canine Tech Way / SR 1355 (Lineberry Drive) and across I-40. \$595,200.00 has previously been approved for construction. Additional funds are needed as requested to install sidewalks.	\$528,000.00 Cost \$264,000.00 Fed. \$264,000.00 Local

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. W-5601FN DIVISION	50138.3.171, HSIP-1108(019) SR 1108 (Lakewood Drive) at SR 3670 (Middleton Court) and SR 3671 (Lullwater Drive). Funds are needed for construction to widen turn lanes.	\$552,500.00 Cost \$497,250.00 Fed. \$55,250.00 State

Rail Program

Robeson Co. Z-5700FD DIVISION	44803.1.26, RR-1006(050) Railway-Highway Grade Crossing Safety Project at SR 1006 (Morgan J Road / Great Marsh Church Road) and CSX Crossing 629 584M in Rennert. \$20,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Orange Co. C-5181 EXEMPT	46289.1.1, CMS-0702(021) Jones Creek Greenway Project to fill gaps between the Carrboro Upper Bolin Trail and Twin Creeks Greenway, and to implement a program to support on-vehicle trips to Morris Grove Elementary School. \$80,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$84,000.00 Cost \$67,200.00 Fed. \$16,800.00 Local

Bridge

Caswell Co. B-5725 DIVISION	45681.1.2, BRZ-1710(008) Replace Bridge #7 over Hyco Creek on SR 1710. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Guilford Co. B-5723 DIVISION	45679.1.2, BRZ-1158(013) Replace Bridge #54 over Richland Creek on SR 1158. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Rail Program

Guilford Co. Z-5700GC DIVISION	44803.1.41, RR-0710(038) Railway-Highway Grade Crossing Safety Project at Ogden Street and Norfolk Southern Crossing 713 784A in High Point. Funds are needed for preliminary engineering.	\$40,000.00 Cost \$36,000.00 Fed. \$4,000.00 State
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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Alamance Co. EB-5884 DIVISION	47280.1.1, TAP-0087(042) NC 87 (South Main Street) from SR 2183 (Ivey Road) to SR 2100 (East Gilbreath Street). Funds are needed for preliminary engineering.	\$55,200.00 Cost \$44,160.00 Fed. \$11,040.00 Local
Orange Co. EB-5721 DIVISION	50417.1.1, TAP-0708(107) Orange County Bicycle Route 1 - from Cleland Drive to Willow Drive in Chapel Hill. \$71,200.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$31,000.00 Cost \$24,800.00 Fed. \$6,200.00 Local

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rowan Co. C-4908G EXEMPT	44008.3.10, CMS-0914(022) Salisbury Mall Area Sidewalks - along US 70 (Statesville Boulevard) and US 601 (Jake Alexander Boulevard). Funds are needed for construction to install sidewalks.	\$388,000.00 Cost \$310,400.00 Fed. \$77,600.00 Local

Safety

Forsyth Co. W-5709H DIVISION	44855.1.8, HSIP-4000(001) SR 4000 (University Parkway) at Cherry Street in Winston- Salem. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
Rowan Co. W-5709E REGIONAL	44855.1.5, HSIP-0153(007) NC 153 (Rice Street) at SR 1197 (Cannon Farm Road) in China Grove. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. I-5715 STATEWIDE	50128.1.FS1, NHPP-077-1(220)29 I-77 at the NC 73 interchange. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$4,000,000.00 Cost \$3,200,000.00 Fed. \$800,000.00 State
Mecklenburg Co. I-5746 STATEWIDE	52024.1.1, NHPP-0277(018) I-277 / US 74 from I-77 to Brevard Street. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,900,000.00 Cost \$1,520,000.00 Fed. \$380,000.00 State
Mecklenburg Co. I-5827 STATEWIDE	50470.3.1, NHPIM-0485(050) I-485 from Idlewild Road to US 74. \$3,300,000.00 has previously been approved for construction. Additional funds are needed as requested for pavement rehabilitation.	\$450,000.00 Cost \$360,000.00 Fed. \$90,000.00 State

Congestion Mitigation

Mecklenburg Co. C-5613H EXEMPT	43735.2.12, CMAQ-1001(082) Lakeview Road Improvements - SR 2112 (Lakeview Road) at SR 2110 (Reames Road) and along Lakeview Road from Beatties Ford Road to Reames Road in Charlotte. Funds are needed for full right of way and utilities.	\$2,777,778.00 Cost \$1,000,000.00 Fed. \$1,777,778.00 Local
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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Union Co. B-5376 DIVISION	46091.1.FD1, BRZ-1681(003) Replace Bridge #21 over Stewarts Creek on SR 1681. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Union Co. B-5377 DIVISION	46092.3.3, BRZ-2170(006) Replace Bridge #157 over Pole Cat Creek on SR 2170. Funds are needed for construction to replace bridge.	\$675,000.00 Cost \$540,000.00 Fed. \$135,000.00 State

Safety

Stanly Co. W-5710T DIVISION	44856.3.20, HSIP-1494(003) SR 1494 (West Main Street) from US 52 to Railroad Street in Albemarle. Funds are needed for construction to install pedestrian crossings.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Union Co. W-5710K REGIONAL	44856.2.11, HSIP-0200(007) NC 200 (Lancaster Highway) and SR 1128 (McWhorter Road / Tom Starnes Road). Funds are needed for full right of way and utilities.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
Union Co. W-5710L REGIONAL	44856.2.12, HSIP-0016(062) NC 16 (Providence Road) and Gray Byrum Road near Waxhaw. Funds are needed for full right of way and utilities.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Caldwell Co. U-4700CA REGIONAL	35993.2.5, NHP-0321(037) US 321 at SR 1160 (Mount Herman Road). Funds are needed for full right of way and utilities.	\$420,000.00 Cost \$336,000.00 Fed. \$84,000.00 State
Caldwell Co. U-4700CB STATEWIDE	35993.2.9, NHP-0321(046) US 321 at SR 1809 / 1952 (Pine Mountain Road). Funds are needed for full right of way and utilities.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
Caldwell Co. U-4700CC STATEWIDE	35993.2.10, NHP-0321(045) US 321 at SR 1108 (Mission Road). Funds are needed for full right of way and utilities.	\$550,000.00 Cost \$440,000.00 Fed. \$110,000.00 State

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. C-5606A EXEMPT	43728.1.2, CMAQ-2093(001) Belmont Mount Holly Sidewalk Project - SR 2093 (Belmont Mount Holly Road) between the existing sidewalks at the Circle K Gas Station and Margaret Avenue. \$22,307.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$31,142.00 Cost \$24,602.00 Fed. \$6,540.00 Local

Enhancement

Gaston Co. ER-5600LB DIVISION	46305.3.55, STBG-0085(049) I-85 at the US 274 interchange. Funds are needed for construction for landscaping.	\$89,600.00 Cost \$71,680.00 Fed. \$17,920.00 State
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Bridge

Lincoln Co. B-6042 REGIONAL	48327.1.1, NHPB-0150(047) Replace Bridge #26 over the Seaboard Air Line Railway on NC 150. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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Safety

Catawba Co. W-5712W STATEWIDE	44858.3.23, HSIP-0040(081) US 321 from the Lincoln-Gaston County Line to I-40 and including the I-40 interchange in Catawba County. Funds are needed for construction to upgrade guardrail end units.	\$250,000.00 Cost \$225,000.00 Fed. \$25,000.00 State
Cleveland Co. W-5712P STATEWIDE	44858.3.16, HSIP-0085(048) I-85 from the South Carolina Line to Exit 17 and also US 74 from I-85 to Harmon Road. Funds are needed for construction to upgrade guardrail end units.	\$250,000.00 Cost \$225,000.00 Fed. \$25,000.00 State

**NCDOT December 2018 Board of Transportation Agenda
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Division 13

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. I-4700 STATEWIDE	36030.1.2, IMNHF-026-1(086)9 I-26 from NC 280 (Exit 40) to I-40 in Asheville. \$1,060,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested for planning and environmental studies.	\$4,200,000.00 Cost \$3,360,000.00 Fed. \$840,000.00 State
Buncombe Co. I-4700A STATEWIDE	36030.1.FS4, NHPP-026-1(198)3 I-26 from NC 280 (Exit 40) to NC 146 / Long Shoals Road (Exit 37). \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,200,000.00 Cost \$960,000.00 Fed. \$240,000.00 State
Buncombe Co. I-4700B STATEWIDE	36030.1.FS3, NHPP-026-1(199)6 I-26 from NC 146 / Long Shoals Road (Exit 37) to I-40. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$3,500,000.00 Cost \$2,800,000.00 Fed. \$700,000.00 State
Burke Co. I-5008 REGIONAL	41497.2.1, IMF-0401(184)111 I-40 at SR 1734 / SR 1826 (Exit 111). Funds are needed for full right of way and utilities.	\$4,595,000.00 Cost \$3,676,000.00 Fed. \$919,000.00 State
Burke Co. I-5874 REGIONAL	53075.2.1, NHP-0040(045) I-40 at SR 1142 / Jamestown Road (Exit 100). Funds are needed for full right of way and utilities.	\$1,740,000.00 Cost \$1,392,000.00 Fed. \$348,000.00 State

National Highway

Burke Co. I-5875 REGIONAL	53076.2.1, NHP-0040(046) I-40 at SR 1712 (Drexel Road). Funds are needed for full right of way and utilities.	\$3,620,000.00 Cost \$2,896,000.00 Fed. \$724,000.00 State
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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rutherford Co. W-5713R REGIONAL	44861.3.18, HSIP-0221(049) US 221 Alternate from the South Carolina Line to SR 2018 (Old Main Street) near Cliffside. Funds are needed for construction to install guardrails.	\$785,000.00 Cost \$706,500.00 Fed. \$78,500.00 State

Bicycle and Pedestrian

Burke Co. EB-5827 DIVISION	45972.1.1, STBGDA-000S(916) Fonta Flora Trail Extension - from Laurel Ridge Court and North Powerhouse Road to the proposed Trailhead at Harris Whisnant Road and Cobb Road in Burke County. Funds are needed for preliminary engineering.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 Local
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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Henderson Co. I-4400 STATEWIDE	34232.1.1, NHF-26-1(62)23 I-26 from NC 225 (US 25 Connector) to NC 280. \$8,583,193.54 has previously been approved for preliminary engineering. Additional funds are needed as requested for planning and environmental studies.	\$4,000,000.00 Cost \$3,200,000.00 Fed. \$800,000.00 State
Henderson Co. I-4400BA STATEWIDE	34232.1.5, NHP-0026(016) I-26 at the US 64 (Exit 49) interchange. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,800,000.00 Cost \$1,440,000.00 Fed. \$360,000.00 State
Henderson Co. I-4400C REGIONAL	34232.1.FS4, NHPP-026-1(200)13 I-26 from US 25 Business (Exit 44) to NC 280 (Exit 40). \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,200,000.00 Cost \$1,760,000.00 Fed. \$440,000.00 State

Enhancement

Cherokee Co. ER-5600NB REGIONAL	46305.3.57, STBG-0074(219) US 74 Site Development in Murphy. Funds are needed for construction for landscaping.	\$320,000.00 Cost \$256,000.00 Fed. \$64,000.00 State
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Urban

Haywood Co. U-6055 EXEMPT	47166.3.1, STBGDA-0110(013) NC 110 (Pisgah Drive) at Locust Street. Funds are needed for construction to improve intersection.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 State
Haywood Co. U-6055 EXEMPT	47166.2.1, STBGDA-0110(013) NC 110 (Pisgah Drive) at Locust Street. \$221,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$550,000.00 Cost \$440,000.00 Fed. \$110,000.00 State

**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cherokee Co. R-5803 REGIONAL	44999.1.1, NHP-0074(196) US 74 at the end of the divided highway in Cherokee County to the beginning of the divided highway in Almond. \$545,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$900,000.00 Cost \$720,000.00 Fed. \$180,000.00 State
Divisionwide R-5794C DIVISION	44910.3.5, TAP-1420(009) ADA ramps (Americans with Disabilities Act) for areas with a population < 5,000. \$735,000.00 has previously been approved for construction. Additional funds are needed as requested to construct concrete curb ramps and retrofitting existing ramps.	\$170,000.00 Cost \$136,000.00 Fed. \$34,000.00 State
Henderson Co. R-2588B DIVISION	34473.1.3, STP-0191(014) NC 191 from SR 1381 (Mountain Road) to NC 280 just south of Mills River. \$1,560,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State
Jackson Co. R-5600 REGIONAL	45818.1.FR1, STP-0107(013) NC 107 from NC 116 to US 23 Business and US 23 Business from SR 1432 (Skyland Drive) to Municipal Drive in Sylva. \$2,550,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State
Swain Co. A-0009 EXEMPT	32572.1.FS10, APD-0074(178) Future US 74 Corridor "K" from US 19 / US 74 / US 129 in Andrews to NC 28 east of Almond. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$450,000.00 Cost \$450,000.00 Fed.

Bicycle and Pedestrian

Haywood Co. EB-5926 DIVISION	47631.1.1, STBGDA-0019(060) US 19 (Soco Road) from US 276 to Fie Top Road in Maggie Valley. Funds are needed for preliminary engineering.	\$175,000.00 Cost \$140,000.00 Fed. \$35,000.00 Local
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**NCDOT December 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide Z-5800 DIVISION REGIONAL STATEWIDE	44806.1.1, RR-00SS(024) Railway-Highway Grade Crossing Safety Projects at various locations across North Carolina. Funds are needed for preliminary engineering.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State

ITEM M SUMMARY - 81 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$92,087,758.00

**HIGHWAY PROGRAM
STIP ADDITIONS**

DIVISION 9

* EB-5952 FORSYTH PROJ.CATEGORY DIVISION	FAIRLAWN DRIVE, NC 67 (REYNOLDA ROAD) TO SR 1528 (SILAS CREEK PKWY) IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 -	\$79,000	(STBG)
			FY 2019 -	\$20,000	(L)
		RIGHT-OF-WAY	FY 2019 -	\$198,000	(STBG)
			FY 2019 -	\$50,000	(L)
		CONSTRUCTION	FY 2020 -	\$593,000	(STBGDA)
			FY 2020 -	\$148,000	(L)
				\$1,088,000	
* EB-5953 FORSYTH PROJ.CATEGORY DIVISION	SR 4000 (UNIVERSITY PARKWAY), SR-1686 (SHATTALON DRIVE) TO ROBIN WOOD LANE IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 -	\$76,000	(STBG)
			FY 2019 -	\$19,000	(L)
		CONSTRUCTION	FY 2019 -	\$508,000	(STBG)
			FY 2019 -	\$127,000	(L)
				\$730,000	
* EB-5954 FORSYTH PROJ.CATEGORY DIVISION	GRIFFITH ROAD, KIMWELL DRIVE TO BURKE MILL ROAD IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 -	\$181,000	(STBG)
			FY 2019 -	\$45,000	(L)
		RIGHT-OF-WAY	FY 2019 -	\$34,000	(STBG)
			FY 2019 -	\$8,000	(L)
		CONSTRUCTION	FY 2019 -	\$1,296,000	(STBG)
			FY 2019 -	\$324,000	(L)
				\$1,888,000	
* EB-5955 FORSYTH PROJ.CATEGORY DIVISION	SR 1348 (ROBINHOOD ROAD), SPEAKS FARM ROAD TO MUDDY CREEK GREENWAY IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 -	\$56,000	(STBG)
			FY 2019 -	\$14,000	(L)
		RIGHT-OF-WAY	FY 2019 -	\$53,000	(STBG)
			FY 2019 -	\$13,000	(L)
		CONSTRUCTION	FY 2019 -	\$376,000	(STBG)
			FY 2019 -	\$94,000	(L)
				\$606,000	
* EB-5956 FORSYTH PROJ.CATEGORY DIVISION	SR 1992 (SULLIVANTOWN ROAD), US 311 AT HARLEY DRIVE TO WALKERTOWN HIGH/MIDDLE SCHOOL IN WALKERTOWN. INSTALL BICYCLE AND PEDESTRIAN FACILITIES AND CONSTRUCT SIDEWALK. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 -	\$56,000	(STBG)
			FY 2019 -	\$14,000	(L)
		RIGHT-OF-WAY	FY 2019 -	\$8,000	(STBG)
			FY 2019 -	\$2,000	(L)
		CONSTRUCTION	FY 2019 -	\$440,000	(STBGDA)
			FY 2019 -	\$110,000	(L)
				\$630,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP ADDITIONS**

DIVISION 9

* EB-5957 FORSYTH PROJ.CATEGORY DIVISION	SR 2648 (OLD WINSTON ROAD), EXISTING SIDEWALK ACROSS FROM SEVENTH DAY ADVENTIST CHURCH PARKING LOT TO HOPKINS ROAD IN KERNERSVILLE. CONSTRUCT SIDEWALK ON SOUTH SIDE. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 -	\$29,000	(STBG)
			FY 2019 -	\$7,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$29,000	(STBG)
			FY 2020 -	\$7,000	(L)
		CONSTRUCTION	FY 2021 -	\$186,000	(STBGDA)
			FY 2021 -	\$46,000	(L)
				\$304,000	
* EB-5958 FORSYTH PROJ.CATEGORY DIVISION	BERMUDA RUN, TWINS WAY (NEAR INTERSECTION WITH US-158) WEST TO PEDESTRIAN TUNNEL UNDER I-40 IN BERMUDA RUN. CONSTRUCT PORTION OF BLUE HERON TRAIL. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 -	\$189,000	(STBG)
			FY 2019 -	\$47,000	(L)
		CONSTRUCTION	FY 2019 -	\$1,263,000	(STBG)
			FY 2019 -	\$217,000	(STBGDA)
			FY 2019 -	\$2,000	(TAPDA)
			FY 2019 -	\$371,000	(L)
				\$2,089,000	
* EB-5959 FORSYTH PROJ.CATEGORY DIVISION	SR 3000 (IDOLS ROAD), SR 1103 (MIDDLEBROOK DRIVE) TO TANGLEWOOD PARK ROAD IN CLEMMONS. CONSTRUCT SIDEWALK. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 -	\$88,000	(STBGDA)
			FY 2019 -	\$22,000	(L)
		CONSTRUCTION	FY 2020 -	\$202,000	(STBG)
			FY 2020 -	\$516,000	(STBGDA)
			FY 2020 -	\$179,000	(L)
* U-6154 FORSYTH PROJ.CATEGORY DIVISION	SR 1308 (LEWISVILLE-VIENNA ROAD), AT SR 1348 (ROBINHOOD ROAD) IN LEWISVILLE. CONVERT EXISTING SIGNALIZED INTERSECTION TO A SINGLE LANE ROUNDABOUT. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 -	\$96,000	(STBG)
			FY 2019 -	\$24,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$200,000	(STBG)
			FY 2020 -	\$50,000	(L)
		CONSTRUCTION	FY 2021 -	\$720,000	(STBGDA)
			FY 2021 -	\$180,000	(L)
				\$1,270,000	
* U-6155 FORSYTH PROJ.CATEGORY DIVISION	SR 1725 (UNIVERSITY PKWY), AT INTERSECTION WITH COLISEUM DRIVE IN WINSTON-SALEM. CONSTRUCT INTERSECTION IMPROVEMENTS FOR PEDESTRIAN SAFETY. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 -	\$60,000	(STBG)
			FY 2019 -	\$15,000	(L)
		CONSTRUCTION	FY 2019 -	\$65,000	(STBG)
			FY 2019 -	\$50,000	(HSIP)
			FY 2019 -	\$60,000	(L)

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 10

* U-5703B UNION PROJ.CATEGORY STATEWIDE	US 74 (ROOSEVELT BLVD), REALIGN JAMES HAMILTON ROAD TO INTERSECT WITH SR 1514 (ROCKY RIVER ROAD) AT MYERS ROAD. <u>ADD RIGHT-OF-WAY IN FY 19 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 -	\$500,000 \$650,000	(T) (T)
				\$1,150,000	

DIVISION 11

* I-6050 SURRY PROJ.CATEGORY STATEWIDE	I-74 & I-77, I-74 & I-77 INTERCHANGES/RAMPS. <u>PROJECT ADDED AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2019 -	\$1,000,000 \$1,000,000	(NHPIM)
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DIVISION 13

* EB-5547B BUNCOMBE PROJ.CATEGORY DIVISION	BLACK MOUNTAIN RIVERWALK GREENWAY, CONSTRUCT MULTI-USE PATH FROM BLACK MOUNTAIN AVENUE TO THE INTO THE OAKS TRAIL. <u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF MPO</u>	ENGINEERING CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2020 -	\$110,000 \$28,000 \$600,000 \$150,000	(STBGDA) (L) (STBGDA) (L)
				\$888,000	

STIP MODIFICATIONS

DIVISION 1

R-5740 PERQUIMANS PROJ.CATEGORY DIVISION	SR 1329 (WOODVILLE ROAD), SR 1331 (RED BANK ROAD) TO SR 1300 (NEW HOPE ROAD). UPGRADE ROADWAY. <u>PROJECT TO UTILIZE BUILD NC BONDS</u>	BUILD NC CONST CONSTRUCTION	FY 2019 - FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - POST YR- FY 2019 -	\$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$1,716,000 \$800,000	(T) (T) (T) (T) (T) (T) (T) (T) (T) (T) (T) (T) (T) (T)
				\$7,235,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 2

R-3403B	US 17, SR 1433 (ANTIOCH ROAD) TO NC 43	RIGHT-OF-WAY	FY 2020 -	\$3,400,000	(T)
CRAVEN	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2021 -	\$3,400,000	(T)
PROJ.CATEGORY	<u>THRESHOLDS.</u>	UTILITIES	FY 2020 -	\$450,000	(T)
REGIONAL			FY 2021 -	\$450,000	(T)
		BUILD NC CONST	FY 2022 -	\$1,373,000	(T)
			FY 2023 -	\$1,373,000	(T)
			FY 2024 -	\$1,373,000	(T)
			FY 2025 -	\$1,373,000	(T)
			FY 2026 -	\$1,373,000	(T)
			FY 2027 -	\$1,373,000	(T)
			FY 2028 -	\$1,373,000	(T)
			FY 2029 -	\$1,373,000	(T)
			POST YR-	\$9,611,000	(T)
		CONSTRUCTION	FY 2022 -	\$6,340,000	(T)
			FY 2023 -	\$6,340,000	(T)
			FY 2024 -	\$6,340,000	(T)
			FY 2025 -	\$6,340,000	(T)
			FY 2026 -	<u>\$6,340,000</u>	(T)
				\$59,995,000	
R-4463A	NC 43 CONNECTOR, US 17 TO SOUTH OF US 70.	RIGHT-OF-WAY	FY 2019 -	\$1,225,000	(T)
CRAVEN	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>	UTILITIES	FY 2019 -	\$500,000	(T)
PROJ.CATEGORY		BUILD NC CONST	FY 2019 -	\$472,000	(T)
REGIONAL			FY 2020 -	\$472,000	(T)
			FY 2021 -	\$472,000	(T)
			FY 2022 -	\$472,000	(T)
			FY 2023 -	\$472,000	(T)
			FY 2024 -	\$472,000	(T)
			FY 2025 -	\$472,000	(T)
			FY 2026 -	\$472,000	(T)
			FY 2027 -	\$472,000	(T)
			FY 2028 -	\$472,000	(T)
			FY 2029 -	\$472,000	(T)
			POST YR-	\$1,888,000	(T)
		CONSTRUCTION	FY 2019 -	<u>\$500,000</u>	(T)
				\$9,305,000	
R-5777C	US 70, THURMAN ROAD TO HAVELOCK BYPASS.	RIGHT-OF-WAY	FY 2020 -	\$28,500,000	(T)
CRAVEN	UPGRADE ROADWAY TO FREEWAY AND CONSTRUCT	UTILITIES	FY 2020 -	\$1,100,000	(T)
PROJ.CATEGORY	SERVICE ROADS.	CONSTRUCTION	FY 2020 -	\$6,175,000	(T)
STATEWIDE	<u>ACCELERATE RIGHT-OF-WAY FROM PY TO FY 20 AND</u>		FY 2021 -	\$39,108,000	(T)
	<u>CONSTRUCTION FROM PY TO FY 20 TO EXPEDITE</u>		FY 2022 -	\$39,108,000	(T)
	<u>DELIVERY OF NEW STI PROJECT DUE TO RECENT</u>		FY 2023 -	<u>\$39,109,000</u>	(T)
	<u>AWARD OF FEDERAL INFRA GRANT.</u>			\$153,100,000	

* INDICATES FEDERAL AMENDMENT

Thursday, December 06, 2018

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 2

R-5813	US 70, SR 1227 (JIM SUTTON ROAD)/SR 1252 (WILLIE	RIGHT-OF-WAY	FY 2022 -	\$14,930,000	(T)
LENOIR	MEASLEY ROAD). CONSTRUCT AT GRADE	UTILITIES	FY 2022 -	\$2,191,000	(T)
PROJ.CATEGORY	INTERSECTION TO INTERCHANGE	CONSTRUCTION	FY 2024 -	\$8,208,000	(T)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2025 -	\$8,208,000	(T)
			FY 2026 -	\$8,208,000	(T)
			FY 2027 -	\$8,208,000	(T)
				<u>\$49,953,000</u>	

* U-2817	SR 1700 (EVANS STREET/ OLD TAR ROAD), SR 1711	RIGHT-OF-WAY	FY 2019 -	\$22,500,000	(STBG)
PITT	(WORTHINGTON ROAD) IN WINTERVILLE TO US 264		FY 2020 -	\$22,500,000	(STBG)
PROJ.CATEGORY	ALTERNATE (GREENVILLE BOULEVARD) IN	UTILITIES	FY 2019 -	\$1,150,000	(STBG)
DIVISION	GREENVILLE. WIDEN TO MULTI-LANES.		FY 2020 -	\$1,150,000	(STBG)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2021 -	\$8,575,000	(STBG)
			FY 2022 -	\$8,575,000	(STBG)
			FY 2023 -	\$8,575,000	(STBG)
			FY 2024 -	\$8,575,000	(STBG)
				<u>\$81,600,000</u>	

U-5860	SR 1306 (15TH STREET), US 17 BUSINESS (CAROLINA	RIGHT-OF-WAY	FY 2024 -	\$5,885,000	(T)
BEAUFORT	AVENUE) TO BROWN STREET. WIDEN TO MULTI-	CONSTRUCTION	FY 2026 -	\$3,203,000	(T)
PROJ.CATEGORY	LANES.		FY 2027 -	\$3,203,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 24 AND CONSTRUCTION FROM FY 19 TO FY 26.</u>		FY 2028 -	\$3,203,000	(T)
				<u>\$15,494,000</u>	

DIVISION 3

AV-5739	CAPE FEAR REGIONAL (SUT), APPROACH CLEARING	CONSTRUCTION	FY 2019 -	\$170,000	(T)
BRUNSWICK	AT RUNWAY 5 AND RUNWAY 23.			<u>\$170,000</u>	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 16 TO FY 19.</u>				
DIVISION					

* B-5981	US 117 NBL, REPLACE BRIDGE 300016 OVER CSX	RIGHT-OF-WAY	FY 2021 -	\$443,000	(STBG)
DUPLIN	RAILROAD. BRIDGE PRESERVATION OF BRIDGE 300017	CONSTRUCTION	FY 2022 -	\$5,052,000	(STBG)
PROJ.CATEGORY	OVER CSX.			<u>\$5,495,000</u>	
STATEWIDE	<u>MODIFY PROJECT SCOPE, FUNDING AMOUNTS, AND SCHEDULE.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 3

* U-3338C NEW HANOVER PROJ.CATEGORY REGIONAL	SR 1175 (KERR AVENUE), SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MLK, JR. PARKWAY). <u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$3,912,000 (STBG) FY 2020 - <u>\$20,500,000</u> (STBG) \$24,412,000
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U-5932 BRUNSWICK PROJ.CATEGORY STATEWIDE	US 17, NC 211. CONVERT INTERSECTION TO INTERCHANGE. <u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$10,000,000 (T) FY 2023 - \$10,000,000 (T) FY 2022 - \$5,200,000 (T) FY 2023 - \$5,200,000 (T) FY 2024 - \$6,667,000 (T) FY 2025 - \$6,667,000 (T) FY 2026 - <u>\$6,666,000</u> (T) \$50,400,000
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DIVISION 4

B-5947 NASH PROJ.CATEGORY REGIONAL	NC 581, REPLACE BRIDGE 630091 OVER TAR RIVER. <u><i>ACCELERATE RIGHT-OF-WAY FROM FY 25 TO FY 20 AND CONSTRUCTION FROM FY 26 TO FY 21.</i></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$400,000 (T) FY 2021 - \$2,667,000 (T) FY 2022 - \$2,667,000 (T) FY 2023 - <u>\$2,667,000</u> (T) \$8,401,000
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P-5711A EDGEcombe PROJ.CATEGORY STATEWIDE	CSX A LINE, CCX INTERMODAL TERMINAL AND TRACK IMPROVEMENTS. <u><i>MODIFY PROJECT SCOPE AND FUNDING AMOUNTS.</i></u>	CONSTRUCTION	FY 2019 - \$50,000,000 (T) FY 2020 - \$43,100,000 (T) \$93,100,000
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R-3825B JOHNSTON PROJ.CATEGORY DIVISION	NC 42, EAST OF SR 1902 (GLEN LAUREL ROAD) TO SR 1003 (BUFFALOE ROAD). <u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>	CONSTRUCTION	FY 2019 - \$22,200,000 (T) FY 2020 - \$22,200,000 (T) FY 2021 - <u>\$22,200,000</u> (T) \$66,600,000
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 4

U-3609B	US 13 (BERKELEY BOULEVARD), SR 1003 (NEW HOPE	BUILD NC ROW	FY 2020 -	\$515,000	(T)
WAYNE	ROAD) TO SR1572 (SAULSTON ROAD).		FY 2021 -	\$515,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2022 -	\$515,000	(T)
REGIONAL	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>		FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,575,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$1,750,000	(T)
		UTILITIES	FY 2020 -	\$1,750,000	(T)
			FY 2021 -	\$1,750,000	(T)
		CONSTRUCTION	FY 2021 -	\$5,875,000	(T)
			FY 2022 -	\$5,875,000	(T)
			FY 2023 -	\$5,875,000	(T)
			FY 2024 -	\$5,875,000	(T)
				<u>\$36,475,000</u>	

DIVISION 5

C-5183B	SR 1945 (S. ALSTON AVE.), SR 1171 (RIDDLE RD.) TO	CONSTRUCTION	FY 2019 -	\$644,360	(CMAQ)
DURHAM	CAPPS ST.		FY 2019 -	\$161,090	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY,</u>			\$805,450	
EXEMPT	<u>UTILITIES AND FINAL DESIGN DELAY CONSTRUCTION</u>				
	<u>FROM FY 18 TO FY 19, AT REQUEST OF MPO.</u>				
* EB-5895	NC 55 (EAST WILLIAMS STREET), SR 1301 (SUNSET	RIGHT-OF-WAY	FY 2019 -	\$80,000	(TAP)
WAKE	LAKE ROAD) TO NC 55 IN HOLLY SPRINGS.		FY 2019 -	\$20,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK.	CONSTRUCTION	FY 2020 -	\$400,000	(TAP)
DIVISION	<u>TO REFLECT CURRENT PROJECT DELIVERY SCOPE</u>		FY 2020 -	\$100,000	(L)
	<u>AND SCHEDULE, ADD RIGHT OF WAY IN FY 19 AND</u>			\$600,000	
	<u>DELAY CONSTRUCTION FROM FY 19 TO FY 20 AT THE</u>				
	<u>REQUEST OF TOWN AND MPO.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

* I-5870	I-440 / US 1, WEST OF RIDGE ROAD TO EAST OF US 70	RIGHT-OF-WAY	FY 2022 - \$115,000,000	(T)
WAKE	(GLENWOOD AVENUE) IN RALEIGH. CONSTRUCT NEW	UTILITIES	FY 2022 - \$1,200,000	(T)
PROJ.CATEGORY	INTERCHANGE AT RIDGE ROAD TO CONNECT WITH	CONSTRUCTION	FY 2022 - \$5,325,000	(T)
STATEWIDE	CRABTREE VALLEY AVENUE, REALIGN I-440 / US 1		FY 2023 - \$25,294,000	(T)
	INTERCHANGE WITH US 70 (GLENWOOD AVENUE),		FY 2024 - \$25,294,000	(T)
	REALIGN AND WIDEN CRABTREE VALLEY AVENUE		FY 2025 - \$50,587,000	(T)
	BETWEEN SR 3009 (EDWARDS MILL ROAD) AND RIDGE		\$222,700,000	
	ROAD, AND REPLACE BRIDGE 910494 OVER			
	CRABTREE CREEK ON SR 1670 (BLUE RIDGE ROAD).			
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>			
* P-5717	NORFOLK SOUTHERN H LINE, CROSSING 734742W AT	RIGHT-OF-WAY	FY 2019 - \$2,500,000	(T)
DURHAM	SR 1121 (CORNWALLIS ROAD) IN DURHAM.	CONSTRUCTION	FY 2020 - \$15,600,000	(T)
PROJ.CATEGORY	CONSTRUCT GRADE SEPARATION.		FY 2020 - \$500,000	(O)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		\$18,600,000	
R-5705B	NC 55, NC 210 TO SR 4809 (JICARILLA LANE). PART ON	RIGHT-OF-WAY	FY 2020 - \$2,685,000	(T)
HARNETT	NEW LOCATION.	UTILITIES	FY 2020 - \$355,000	(T)
WAKE	<u>MODIFY PROJECT SCOPE AND FUNDING AMOUNTS.</u>	CONSTRUCTION	FY 2022 - \$12,466,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2023 - \$12,466,000	(T)
REGIONAL			FY 2024 - \$12,466,000	(T)
			\$40,438,000	
R-5705C	NC 55, SR 4809 (JICARILLA LANE) TO NC 42 IN FUQUAY-	RIGHT-OF-WAY	POST YR- \$6,800,000	(T)
WAKE	VARINA.	UTILITIES	POST YR- \$900,000	(T)
	<u>MODIFY PROJECT SCOPE AND FUNDING AMOUNTS.</u>	CONSTRUCTION	POST YR- \$17,900,000	(T)
			\$25,600,000	
* U-2901B	NC 55 (WILLIAMS STREET), US 1 TO NORTH OF SR 1160	RIGHT-OF-WAY	FY 2019 - \$770,000	(T)
WAKE	(OLIVE CHAPEL ROAD). CONVERT EXISTING	UTILITIES	FY 2019 - \$93,000	(T)
PROJ.CATEGORY	MULTILANES TO MEDIAN DIVIDED SECTION AND	CONSTRUCTION	FY 2021 - \$23,100,000	(T)
REGIONAL	WIDEN REMAINING 2-LANE SECTIONS TO MULTILANES.		\$23,963,000	
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>			

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

U-4916	SR 1165 (BECKFORD DRIVE), HARRISON STREET TO	CONSTRUCTION	FY 2019 -	\$679,000	(HP)
VANCE	NORTH PARK DRIVE IN HENDERSON. WIDEN TO		FY 2019 -	<u>\$170,000</u>	(L)
PROJ.CATEGORY	THREE LANES WITH CURB AND GUTTER, STORM			\$849,000	
TRANSITION	DRAINAGE, AND SIDEWALKS.				
	<u>TO ALLOW CITY ADDITIONAL TIME TO COMPLETE</u>				
	<u>FINAL DESIGN, DELAY CONSTRUCTION FROM FY 18</u>				
	<u>TO FY 19.</u>				
U-5302	US 401, SOUTH OF SR 1006 (OLD STAGE ROAD) TO	RIGHT-OF-WAY	FY 2019 -	\$850,000	(T)
WAKE	SOUTH OF SR 2538 (MECHANICAL BOULEVARD) /	BUILD NC CONST	FY 2020 -	\$515,000	(T)
PROJ.CATEGORY	GARNER STATION BOULEVARD IN GARNER. CONVERT		FY 2021 -	\$515,000	(T)
REGIONAL	TO SUPERSTREET.		FY 2022 -	\$515,000	(T)
	<u>REVISE TERMINI AT REQUEST OF DIVISION TO</u>		FY 2023 -	\$515,000	(T)
	<u>REFLECT CURRENT DOCUMENT SCOPE.</u>		FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,575,000	(T)
		CONSTRUCTION	FY 2020 -	<u>\$7,200,000</u>	(T)
				\$15,775,000	
* U-5745	NC 751 (HOPE VALLEY ROAD), SR 1183 (UNIVERSITY	BUILD NC CONST	FY 2019 -	\$86,000	(T)
DURHAM	DRIVE) INTERSECTION IN DURHAM. CONSTRUCT		FY 2020 -	\$86,000	(T)
PROJ.CATEGORY	ROUNDBOUT.		FY 2021 -	\$86,000	(T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	<u>\$344,000</u>	(T)
				\$1,290,000	
U-5747A	SR 1635 (MCCRIMMON PARKWAY), SR 1613 (DAVIS	RIGHT-OF-WAY	FY 2020 -	\$2,000,000	(T)
WAKE	DRIVE) TO NORTH OF SR 1637 (CHURCH STREET) IN	UTILITIES	FY 2020 -	\$500,000	(T)
PROJ.CATEGORY	MORRISVILLE. WIDEN TO 4-LANE DIVIDED FACILITY.	CONSTRUCTION	FY 2021 -	\$3,500,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2022 -	\$3,500,000	(T)
	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>		FY 2023 -	<u>\$3,500,000</u>	(T)
				\$13,000,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

U-5747B	NC 54, SR 1635 (MCCRIMMON PARKWAY) IN	BUILD NC ROW	FY 2020 -	\$515,000	(T)
WAKE	MORRISVILLE. CONVERT AT-GRADE INTERSECTION		FY 2021 -	\$515,000	(T)
PROJ.CATEGORY	TO GRADE SEPARATION, INCLUDING GRADE		FY 2022 -	\$515,000	(T)
REGIONAL	SEPARATION OF NORTH CAROLINA RAILROAD.		FY 2023 -	\$515,000	(T)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2024 -	\$515,000	(T)
	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>		FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,575,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$1,800,000	(T)
		UTILITIES	FY 2020 -	\$500,000	(T)
		CONSTRUCTION	FY 2021 -	\$4,134,000	(T)
			FY 2022 -	\$4,134,000	(T)
			FY 2023 -	\$4,134,000	(T)
				\$22,427,000	

DIVISION 6

* EB-5800	SR 2251 (OWEN DRIVE), US 301 TO SR 1007 (ALL	CONSTRUCTION	FY 2019 -	\$441,000	(TAP)
CUMBERLAND	AMERICAN EXPRESSWAY). CONSTRUCT SIDEWALK		FY 2019 -	\$110,000	(L)
PROJ.CATEGORY	ON EAST SIDE.			\$551,000	
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				
* I-5850B	I-95, PAVEMENT REHABILITATION	CONSTRUCTION	FY 2019 -	\$14,000,000	(NHPIM)
ROBESON	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>			\$14,000,000	
PROJ.CATEGORY	<u>THRESHOLDS.</u>				
STATEWIDE					
I-5938B	I-74, PAVEMENT REHABILITATION	CONSTRUCTION	FY 2019 -	\$16,700,000	(NHPIM)
ROBESON	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>			\$16,700,000	
PROJ.CATEGORY	<u>THRESHOLDS.</u>				
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 6

R-5705A HARNETT PROJ.CATEGORY DIVISION	NC 55, JUST SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD) TO NC 210. PART ON NEW LOCATION. <u>MODIFY PROJECT SCOPE AND FUNDING AMOUNTS. COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$3,253,000 (T) FY 2020 - \$1,159,000 (T) FY 2022 - \$11,900,000 (T) FY 2023 - \$11,900,000 (T) FY 2024 - \$11,900,000 (T)	
			\$40,112,000	

R-5819 COLUMBUS PROJ.CATEGORY REGIONAL	US 74/US 76, SR 1740 (OLD LAKE ROAD). CONVERT AT-GRADE INTERSECTION TO OVERPASS. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	UTILITIES CONSTRUCTION	FY 2020 - \$35,000 (T) FY 2022 - \$5,350,000 (T) FY 2023 - \$5,350,000 (T)	
			\$10,735,000	

R-5820 COLUMBUS PROJ.CATEGORY REGIONAL	US 74/US 76, SR 1735 (CHAUNCEY TOWN ROAD). CONVERT AT-GRADE INTERSECTION TO INTERCHANGE. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	UTILITIES CONSTRUCTION	FY 2020 - \$47,000 (T) FY 2022 - \$6,533,000 (T) FY 2023 - \$6,533,000 (T) FY 2024 - \$6,534,000 (T)	
			\$19,647,000	

DIVISION 7

C-5650 ORANGE PROJ.CATEGORY DIVISION	SR 1919 (SMITH LEVEL ROAD / S. GREENSBORO ST), PUBLIC WORKS DRIVE TO N. END OF OLD PITTSBORO ROAD IN CARRBORO. CONSTRUCT 3,100 LF SIDEWALK ON ONE SIDE. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 18 TO FY 19, RIGHT-OF-WAY FROM FY 18 TO FY 20 AND CONSTRUCTION FROM FY 18 TO FY 21.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$84,000 (STBGDA) FY 2019 - \$21,000 (L) FY 2020 - \$100,000 (STBGDA) FY 2020 - \$25,000 (L) FY 2021 - \$440,000 (CMAQ) FY 2021 - \$530,000 (STBGDA) FY 2021 - \$748,000 (L)	
			\$1,948,000	

C-5700 GUILFORD PROJ.CATEGORY EXEMPT	OAKDALE ROAD, EXISTING SIDEWALK EAST OF EAST MAIN STREET TO CHIMNEY COURT IN JAMESTOWN. EXTEND SIDEWALK. <u>TOWN NEEDS ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	CONSTRUCTION	FY 2019 - \$136,000 (CMAQ) FY 2019 - \$34,000 (L)	
			\$170,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

EB-5721 ORANGE PROJ.CATEGORY DIVISION	ORANGE COUNTY BICYCLE ROUTE 1, CLELAND DRIVE TO WILLOW DRIVE IN CHAPEL HILL. UPGRADE EXISTING OFF-ROAD PATH AND CONSTRUCT NEW SECTION OF PATH. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 18 TO FY 19 AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2019 - \$375,000 (TAP) FY 2019 - \$94,000 (L) \$469,000
EB-5879 ALAMANCE PROJ.CATEGORY DIVISION	US 70 (NORTH CHURCH STREET), SR 1716 (GRAHAM- HOPEDALE ROAD) TO SR 1719 (SELLARS MILL ROAD) IN BURLINGTON. CONSTRUCT SIDEWALK. <u>TO REFLECT CURRENT CITY DELIVERY SCHEDULE, DELAY ENGINEERING, RIGHT-OF-WAY AND CONSTRUCTION FROM FY 18 TO FY 19.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$13,000 (TAP) FY 2019 - \$3,000 (L) FY 2019 - \$22,000 (TAP) FY 2019 - \$6,000 (L) FY 2019 - \$53,000 (TAP) FY 2019 - \$13,000 (L) \$110,000
* EB-5880 ORANGE PROJ.CATEGORY DIVISION	SR 1005 (JONES FERRY ROAD), DAVIE ROAD TO SR 1010 (WEST MAIN STREET) IN CARRBORO. CONSTRUCT SIDEWALK ON NORTH SIDE. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 18 TO FY 22, RIGHT OF WAY FROM FY 20 TO FY 23 AND CONSTRUCTION FROM FY 21 TO FY 24.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$71,000 (TAP) FY 2022 - \$18,000 (L) FY 2023 - \$25,000 (TAP) FY 2023 - \$6,000 (L) FY 2024 - \$353,000 (TAP) FY 2024 - \$88,000 (L) \$561,000
* EB-5886A ORANGE PROJ.CATEGORY DIVISION	SR 1780 (ESTES DRIVE), SR 1772 (NORTH GREENSBORO STREET) TO SOUTH OF NORFOLK- SOUTHERN RR TRACKS IN CARRBORO <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 18 TO FY 20, RIGHT OF WAY FROM FY 20 TO FY 21 AND CONSTRUCTION FROM FY 21 TO FY 22.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$136,000 (TAP) FY 2020 - \$34,000 (L) FY 2021 - \$37,000 (TAP) FY 2021 - \$9,000 (L) FY 2022 - \$678,000 (TAP) FY 2022 - \$170,000 (L) \$1,064,000
* EB-5890 ORANGE PROJ.CATEGORY DIVISION	BARNES STREET, KING STREET TO SR 1005 (JONES FERRY ROAD) IN CARRBORO. CONSTRUCT SIDEWALK. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 19 TO FY 22, RIGHT OF WAY FROM FY 21 TO FY 23 AND CONSTRUCTION FROM FY 22 TO FY 24.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$37,000 (TAP) FY 2022 - \$9,000 (L) FY 2023 - \$13,000 (TAP) FY 2023 - \$3,000 (L) FY 2024 - \$184,000 (TAP) FY 2024 - \$46,000 (L) \$292,000

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

I-5898	FUTURE I-73 / US 220, US 311 / NC 135 INTERCHANGE.	RIGHT-OF-WAY	FY 2019 -	\$300,000	(T)
ROCKINGHAM	WIDEN BRIDGE 780074 AND UPGRADE INTERCHANGE.	UTILITIES	FY 2019 -	\$30,000	(T)
PROJ.CATEGORY	<u>TO REFLECT CURRENT PROJECT DELIVERY</u>	CONSTRUCTION	FY 2020 -	<u>\$1,875,000</u>	(T)
REGIONAL	<u>SCHEDULE, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>			\$2,205,000	
* U-2581BA	US 70, SR3045 (MOUNT HOPE CHURCH ROAD) TO SR	RIGHT-OF-WAY	FY 2019 -	\$1,597,000	(T)
GUILFORD	3175 (BIRCH CREEK ROAD)	UTILITIES	FY 2019 -	\$473,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	BUILD NC CONST	FY 2020 -	\$429,000	(T)
DIVISION	<u>THRESHOLDS.</u>		FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$2,145,000	(T)
		CONSTRUCTION	FY 2020 -	<u>\$5,900,000</u>	(T)
				\$14,405,000	
U-5543	VARIOUS, VARIABLE MESSAGE SIGNS FOR TRAFFIC	CONSTRUCTION	FY 2019 -	\$786,000	(STBGDA)
DURHAM	MANAGEMENT ON MAJOR CORRIDORS IN CHAPEL		FY 2019 -	<u>\$197,000</u>	(L)
ORANGE	HILL.			\$983,000	
PROJ.CATEGORY	<u>TOWN NEEDS ADDITIONAL TIME FOR PLANNING AND</u>				
EXEMPT	<u>DESIGN. DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				
U-5841	FRIENDLY AVENUE, WEST OF GREEN VALLEY ROAD	RIGHT-OF-WAY	FY 2020 -	\$250,000	(T)
GUILFORD	TO LINDELL ROAD IN GREENSBORO. WIDENING AND	UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	INTERSECTION IMPROVEMENTS.	CONSTRUCTION	FY 2021 -	\$1,250,000	(T)
DIVISION	<u>TO CONFORM TO CURRENTLY PROGRAMMED</u>			\$1,600,000	
	<u>FUNDING SOURCE, DELAY RIGHT-OF-WAY FROM FY</u>				
	<u>19 TO FY 20 AND CONSTRUCTION FROM FY 20 TO FY</u>				
	<u>21 (NOTE: NO CHANGE TO PROJECT DELIVERY</u>				
	<u>SCHEDULE).</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 8

* EB-5872A SCOTLAND PROJ.CATEGORY DIVISION	SR 1108 (WEST BOULEVARD), SR 1105 (TURNPIKE ROAD) TO GLASGOW DRIVE AND EAST OF US 15 / US 401 / US 501 TO SUNSET DRIVE IN LAURINBURG. <u>ADD RIGHT OF WAY IN FY 20 AT THE REQUEST OF RPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$133,000 (TAP) FY 2020 - \$33,000 (L) FY 2020 - \$348,000 (TAP) FY 2020 - \$88,000 (L)	
			<u>\$602,000</u>	
* R-2527 MONTGOMERY PROJ.CATEGORY REGIONAL	NC 24 / NC 27, NC 73 TO TROY BYPASS. WIDEN TO MULTILANES. <u>PROJECT TO UTILIZE BUILD NC BONDS</u>	BUILD NC ROW RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$686,000 (T) FY 2020 - \$686,000 (T) FY 2021 - \$686,000 (T) FY 2022 - \$686,000 (T) FY 2023 - \$686,000 (T) FY 2024 - \$686,000 (T) FY 2025 - \$686,000 (T) FY 2026 - \$686,000 (T) FY 2027 - \$686,000 (T) FY 2028 - \$686,000 (T) FY 2029 - \$686,000 (T) POST YR- \$2,744,000 (T) FY 2019 - \$426,000 (T) FY 2019 - \$1,011,000 (T) FY 2021 - \$11,550,000 (T) FY 2022 - \$11,550,000 (T) FY 2023 - \$11,550,000 (T) FY 2024 - \$11,550,000 (T)	
			<u>\$57,927,000</u>	
* U-5727 LEE PROJ.CATEGORY REGIONAL	US 1 / US 15 / US 501, SOUTH OF SR 1198 (BRYAN DRIVE) TO SR 1237 (CARTHAGE STREET) IN SANFORD. UPGRADE TO SUPERSTREET AND RELOCATE NC 78 (TRAMWAY ROAD). <u>REVISE TERMINI AND SCOPE AT REQUEST OF DIVISION TO CONFORM TO CURRENT PROJECT CONFIGURATION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$3,600,000 (NHP) FY 2020 - \$8,816,000 (NHP) FY 2021 - \$8,816,000 (NHP) FY 2022 - \$8,816,000 (NHP)	
			<u>\$30,048,000</u>	
U-5975 LEE PROJ.CATEGORY REGIONAL	US 1 / US 15 / US 501, US 15 / US 501 (WHITE HILL ROAD) / SR 1179 (ROCKY FORK CHURCH ROAD) TO SOUTH OF SR 1198 (BRYAN DRIVE). UPGRADE TO SUPERSTREET. <u>REVISE N.TERMINUS AT DIV. REQUEST. TO ALLOW ADDITIONAL TIME TO COORDINATE DESIGN, DELAY RIGHT OF WAY FROM FY 19 TO FY 20. TO CONFORM TO CURRENTLY PROGRAMMED FUNDING SOURCE. DELAY CONSTRUCTION FROM FY 20 TO FY 21 (NOTE: NO CHANGE IN LETTING SCHEDULE).</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$22,957,000 (T) FY 2020 - \$2,755,000 (T) FY 2021 - \$12,746,000 (T)	
			<u>\$38,458,000</u>	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

B-4626	NC 8 / NC 49, REPLACE BRIDGE 790003 AND APPLY	RIGHT-OF-WAY	FY 2019 -	\$300,000	(STBG)
ROWAN	DECK PRESERVATION TREATMENT TO BRIDGE	UTILITIES	FY 2019 -	\$300,000	(STBG)
PROJ.CATEGORY	790008 OVER YADKIN RIVER AND WINSTON-SALEM	CONSTRUCTION	FY 2020 -	<u>\$6,165,000</u>	(STBG)
STATEWIDE	SOUTHBOUND RAILROAD.			\$6,765,000	
	<u><i>TO ALLOW ADDITIONAL TIME TO COMPLETE THE RIGH-OF-WAY PLANS, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19, AT REQUEST OF STRUCTURE MANAGEMENT UNIT.</i></u>				
EB-4020C	BRUSHY FORK GREENWAY, LOWERY STREET TO	CONSTRUCTION	FY 2020 -	\$300,000	(STBG)
FORSYTH	REYNOLDS PARK ROAD		FY 2020 -	\$700,000	(STBGDA)
PROJ.CATEGORY	<u><i>TO REFLECT CURRENT CITY DELIVERY SCHEDULE,</i></u>		FY 2020 -	\$175,000	(L)
TRANSITION	<u><i>DELAY CONSTRUCTION FROM FY 19 TO FY 20 AT REQUEST OF MPO.</i></u>			\$1,175,000	
EB-5619	GRANTS CREEK GREENWAY, KELSEY SCOTT PARK TO				
ROWAN	CATAWBA COLLEGE. CONSTRUCT MULTIUSE PATH.				
PROJ.CATEGORY	<u><i>PROJECT SPLIT INTO SEGMENTS AT REQUEST OF MPO AND CITY TO FACILITATE DELIVERY - SEE FOLLOWING ENTRIES FOR FUNDING AND SCHEDULES.</i></u>				
DIVISION					
EB-5619A	GRANTS CREEK GREENWAY, VICINITY OF	CONSTRUCTION	FY 2019 -	\$134,800	(TAPDA)
ROWAN	FORESTDALE DRIVE TO CATAWBA COLLEGE IN		FY 2019 -	<u>\$33,700</u>	(L)
PROJ.CATEGORY	SALISBURY. CONSTRUCT LOW-WATER BRIDGE			\$168,500	
DIVISION	GREENWAY CONNECTION.				
	<u><i>PROJECT BREAK CREATED AT REQUEST OF MPO AND CITY. ACCELERATE CONSTRUCTION FY 20 TO FY 19 TO FACILITATE DELIVERY.</i></u>				
EB-5619B	GRANTS CREEK GREENWAY, KELSEY SCOTT PARK TO	RIGHT-OF-WAY	FY 2019 -	\$40,000	(TAPDA)
ROWAN	VICINITY OF FORESTDALE DRIVE IN SALISBURY.		FY 2019 -	\$10,000	(L)
PROJ.CATEGORY	CONSTRUCT MULTIUSE PATH.	CONSTRUCTION	FY 2020 -	\$660,000	(TAPDA)
DIVISION	<u><i>PROJECT BREAK CREATED AT REQUEST OF MPO AND CITY TO FACILITATE DELIVERY.</i></u>		FY 2020 -	<u>\$165,000</u>	(L)
				\$875,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

EB-5722	NC 67 (SILAS CREEK PARKWAY), BOLTON STREET TO	ENGINEERING	FY 2019 -	\$296,000	(STBG)
FORSYTH	LOCKLAND AVENUE IN WINSTON-SALEM. CONSTRUCT		FY 2019 -	\$36,000	(TAP)
PROJ.CATEGORY	SIDEWALK ON NORTH SIDE TO CONNECT EXISTING		FY 2019 -	\$83,000	(L)
DIVISION	SECTIONS.	RIGHT-OF-WAY	FY 2019 -	\$728,000	(STBG)
	<u>ADD RIGHT OF WAY IN FY 19 NOT PREVIOUSLY</u>		FY 2019 -	\$182,000	(L)
	<u>PROGRAMMED, AT REQUEST OF MPO. TO REFLECT</u>	CONSTRUCTION	FY 2020 -	\$360,000	(TAP)
	<u>CURRENT TOWN DELIVERY SCHEDULE, DELAY</u>		FY 2020 -	\$90,000	(L)
	<u>ENGINEERING FROM FY18 TO FY 19.</u>			\$1,775,000	
* EB-5810	VARIOUS, BARBARA JANE AVENUE, BYERLY ROAD,	ENGINEERING	FY 2019 -	\$48,000	(STBG)
FORSYTH	AND BARRY STREET IN WINSTON-SALEM. CONSTRUCT		FY 2019 -	\$12,000	(L)
PROJ.CATEGORY	SIDEWALKS.	CONSTRUCTION	FY 2020 -	\$176,000	(TAP)
DIVISION	<u>ADD ENGINEERING IN FY 19 NOT PREVIOUSLY</u>		FY 2020 -	\$44,000	(L)
	<u>PROGRAMMED AND DELAY CONSTRUCTION FROM FY</u>			\$280,000	
	<u>18 TO FY 20, BOTH AT REQUEST OF MPO TO REFLECT</u>				
	<u>CURRENT TOWN DELIVERY SCHEDULE.</u>				
* I-5952	I-40, SR 1101 (HARPER ROAD) IN CLEMMONS TO EAST				
FORSYTH	OF US 421 / BUSINESS 40 IN WINSTON-SALEM.				
PROJ.CATEGORY	PAVEMENT REHABILITATION.				
STATEWIDE	<u>PROJECT BREAK CREATED AT REQUEST OF DIVISION</u>				
	<u>OFFICE. SEE I-5952A ENTRY FOR DETAILS. COST</u>				
	<u>INCREASE EXCEEDING \$2 MILLION AND 25%</u>				
	<u>THRESHOLDS.</u>				
I-5952A	i-40, BRIDGE REHABILITATION.	CONSTRUCTION	FY 2020 -	\$2,516,000	(NHPIM)
FORSYTH	<u>NEW PROJECT BREAK CREATED WITH</u>			\$2,516,000	
PROJ.CATEGORY	<u>CONSTRUCTION IN FY 20 AT REQUEST OF DIVISION</u>				
STATEWIDE	<u>OFFICE FOR SEPARATE LETTING OF BRIDGE</u>				
	<u>COMPONENT</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

* R-2577A	US 158, MULTI-LANES NORTH OF US 421 / I-40	RIGHT-OF-WAY	FY 2020 -	\$7,800,000	(T)
FORSYTH	BUSINESS TO SR 1965 (BELEWS CREEK ROAD)	UTILITIES	FY 2020 -	\$469,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	BUILD NC CONST	FY 2022 -	\$2,574,000	(T)
REGIONAL	<u>THRESHOLDS.</u>		FY 2023 -	\$2,574,000	(T)
			FY 2024 -	\$2,574,000	(T)
			FY 2025 -	\$2,574,000	(T)
			FY 2026 -	\$2,574,000	(T)
			FY 2027 -	\$2,574,000	(T)
			FY 2028 -	\$2,574,000	(T)
			FY 2029 -	\$2,574,000	(T)
			POST YR-	\$18,018,000	(T)
		CONSTRUCTION	FY 2022 -	\$7,700,000	(T)
			FY 2023 -	\$7,700,000	(T)
				\$62,279,000	

DIVISION 10

C-5225B	CHARLOTTE, TOBY CREEK GREENWAY, ROCKLAND	CONSTRUCTION	FY 2019 -	\$1,240,000	(CMAQ)
MECKLENBURG	DRIVE TO BLUE ROCK DRIVE.		FY 2019 -	\$360,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u>			\$1,600,000	
EXEMPT	<u>CONSTRUCTION FROM FY 18 TO FY 19</u>				
C-5538	CHARLOTTE, INTERSECTION OF TUCKASEEGEE-	CONSTRUCTION	FY 2019 -	\$1,797,000	(CMAQ)
MECKLENBURG	BERRYHILL-THRIFT ROADS IN CHARLOTTE.		FY 2019 -	\$1,053,000	(STBGDA)
PROJ.CATEGORY	CONSTRUCT A TRAFFIC CIRCLE.		FY 2019 -	\$826,000	(L)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$3,676,000	
	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>				
C-5557	CONCORD, CITY OF CONCORD'S NE SUBSET	CONSTRUCTION	FY 2019 -	\$420,000	(CMAQ)
CABARRUS	SIDEWALKS. INSTALL SIDEWALKS AT VARIOUS		FY 2019 -	\$105,000	(L)
PROJ.CATEGORY	LOCATIONS.			\$525,000	
EXEMPT	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>				
EB-5775	CORNELIUS, SOUTH PRONG ROCKY RIVER	CONSTRUCTION	FY 2019 -	\$840,000	(STBGDA)
MECKLENBURG	GREENWAY (SOUTH STREET - MAIN STREET).		FY 2019 -	\$628,000	(TAPDA)
PROJ.CATEGORY	CONSTRUCT GREENWAY.		FY 2019 -	\$367,000	(L)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$1,835,000	
	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>				
	<u>AND UPDATE FUNDING</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

* EB-5844 CABARRUS PROJ.CATEGORY DIVISION	KANNAPOLIS, LITTLE TEXAS ROAD, LANE STREET TO DALE EARNHARDT BOULEVARD. CONSTRUCT SIDEWALK AND CURB AND GUTTER. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY PRELIMINARY ENGINEERING FROM FY 18 TO FY 19 AT REQUEST OF MPO</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$320,000 (TAP) FY 2019 - \$80,000 (L) FY 2019 - \$320,000 (TAP) FY 2019 - \$80,000 (L) FY 2020 - \$131,000 (CMAQ) FY 2020 - \$1,280,000 (TAP) FY 2020 - \$320,000 (L) FY 2020 - \$33,000 (L)		
			<u>\$2,564,000</u>		
EB-5931 UNION PROJ.CATEGORY DIVISION	INDIAN TRAIL, NORTH INDIAN TRAIL ROAD. SOUTH FORK ROAD TO LIBERTY LANE. CONSTRUCT COMPLETE STREET. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$2,510,000 (STBGDA) FY 2019 - \$1,351,000 (L)		<u>\$3,861,000</u>
I-5797 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-85, CONCRETE PAVEMENT JOINT SOUTH OF NC 16 TO CONCRETE PAVEMENT JOINT AT US 29/NC40 CONNECTOR. RESTRIPE PAVEMENT. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$100,000 (NHPIM) \$100,000		
I-5837 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-85, GASTON COUNTY LINE TO 0.7 MILES NORTH OF GASTON COUNTY LINE. INCLUDES RAMPS FROM GASTON COUNTY LINE TO GLENWOOD AVENUE. PAVEMENT REHABILITATION. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20</u>	CONSTRUCTION	FY 2020 - \$1,800,000 (NHPIM) \$1,800,000		
* I-5902 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-485, SR 1786 TO NC 27. BRIDGE REHABILITATION. <u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 20 AT DIVISION REQUEST</u>	CONSTRUCTION	FY 2020 - \$900,000 (NHPIM) \$900,000		
* I-5905 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-85, 0.2 MILE WEST OF NC 16 (BROOKSHIRE BOULEVARD) TO CONCRETE PAVEMENT JOINT AT US 29/NC 49 CONNECTOR. PAVEMENT REHABILITATION. <u>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 20 AT REQUEST OF DIVISION</u>	CONSTRUCTION	FY 2020 - \$14,000,000 (NHPIM) \$14,000,000		

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

U-5108	NORTHCROSS DRIVE EXTENSION, NC 73 IN	RIGHT-OF-WAY	FY 2019 -	\$955,000	(STBGDA)
MECKLENBURG	HUNTERSVILLE TO WESTMORELAND ROAD IN		FY 2019 -	\$500,000	(BA)
PROJ.CATEGORY	CORNELIUS. CONSTRUCT ROAD ON NEW LOCATION.		FY 2019 -	\$489,000	(L)
TRANSITION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	CONSTRUCTION	FY 2020 -	\$4,765,000	(STBG)
	<u>RIGHT-OF-WAY FROM FY 18 TO FY 19</u>		FY 2020 -	\$1,000,000	(BA)
			FY 2020 -	\$2,023,000	(L)
				<u>\$9,732,000</u>	

* U-6032	SR 2464 (ODELL SCHOOL ROAD), I-485 TO CONCORD	BUILD NC ROW	FY 2020 -	\$86,000	(T)
CABARRUS	MILLS BOULEVARD. WIDEN TO MULTI-LANES DIVIDED.		FY 2021 -	\$86,000	(T)
MECKLENBURG	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2022 -	\$86,000	(T)
PROJ.CATEGORY	<u>THRESHOLDS.</u>		FY 2023 -	\$86,000	(T)
DIVISION			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$430,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$1,400,000	(T)
		UTILITIES	FY 2020 -	\$500,000	(T)
		CONSTRUCTION	FY 2021 -	\$8,333,000	(T)
			FY 2022 -	\$8,333,000	(T)
			FY 2023 -	\$8,334,000	(T)
				<u>\$28,190,000</u>	

DIVISION 12

* R-3603A	NC 127, SR 1400 (CLONINGER MILL ROAD) TO SR 1156	RIGHT-OF-WAY	FY 2021 -	\$3,400,000	(T)
ALEXANDER	(RICHEY ROAD).	UTILITIES	FY 2021 -	\$100,000	(T)
CATAWBA	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2023 -	\$12,967,000	(T)
PROJ.CATEGORY	<u>THRESHOLDS.</u>		FY 2024 -	\$12,966,000	(T)
DIVISION			FY 2025 -	\$12,967,000	(T)
				<u>\$42,400,000</u>	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 12

R-5100A	SR 1109 (WILLIAMSON ROAD), I-77 TO SR 1100	BUILD NC ROW	FY 2019 -	\$600,000	(T)
IREDELL	(BRAWLEY SCHOOL ROAD). WIDEN TO MULTI-LANES.		FY 2020 -	\$600,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 -	\$600,000	(T)
DIVISION			FY 2022 -	\$600,000	(T)
			FY 2023 -	\$600,000	(T)
			FY 2024 -	\$600,000	(T)
			FY 2025 -	\$600,000	(T)
			FY 2026 -	\$600,000	(T)
			FY 2027 -	\$600,000	(T)
			FY 2028 -	\$600,000	(T)
			FY 2029 -	\$600,000	(T)
			POST YR-	\$2,400,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,000,000	(T)
		UTILITIES	FY 2019 -	\$500,000	(T)
			FY 2020 -	\$500,000	(T)
		CONSTRUCTION	FY 2021 -	\$10,100,000	(T)
			FY 2022 -	\$10,100,000	(T)
			FY 2023 -	<u>\$10,200,000</u>	(T)
				\$41,400,000	
* U-2221C	NC 180, SR 2052 TO NC 150.	RIGHT-OF-WAY	FY 2023 -	\$7,600,000	(T)
CLEVELAND	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	UTILITIES	FY 2023 -	\$900,000	(T)
		CONSTRUCTION	FY 2025 -	<u>\$14,800,000</u>	(T)
				\$23,300,000	
* W-5212DIV	VARIOUS, DIVISION 12 RUMBLE STRIPS, GUARDRAIL,	RIGHT-OF-WAY	FY 2019 -	\$50,000	(HSIP)
CATAWBA	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED		FY 2020 -	\$50,000	(HSIP)
IREDELL	LOCATIONS IN THE DIVISION CATEGORY.	CONSTRUCTION	FY 2019 -	\$2,500,000	(HSIP)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 19 AND FY 20 AND</u>		FY 2020 -	<u>\$2,500,000</u>	(HSIP)
DIVISION	<u>CONSTRUCTION IN FY 19 AND FY 20 NOT PREVIOUSLY PROGRAMMED.</u>			\$5,100,000	

DIVISION 13

B-5876	US 74, REPLACE BRIDGE 800083 AND BRIDGE 800084	RIGHT-OF-WAY	FY 2019 -	\$440,000	(STBG)
RUTHERFORD	OVER SECOND BROAD RIVER.	CONSTRUCTION	FY 2020 -	\$4,400,000	(STBG)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 19</u>		FY 2021 -	<u>\$4,400,000</u>	(STBG)
STATEWIDE	<u>AND CONSTRUCTION FROM FY 21 TO FY 20 AFTER</u>			\$9,240,000	
	<u>PRESCREENING AND SCOPING WITH FIRM. PROJECT</u>				
	<u>IS NO LONGER COMBINED WITH B-5871</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 13

EB-5547A	BLACK MOUNTAIN RIVERWALK GREENWAY,	ENGINEERING	FY 2018 -	\$487,000	(STBGDA)
BUNCOMBE	CONSTRUCT MULTI-USE PATH FROM EXISTING FLAT		FY 2018 -	\$122,000	(L)
PROJ.CATEGORY	CREEK GREENWAY TRAILHEAD NORTH OF US 70 TO	RIGHT-OF-WAY	FY 2019 -	\$80,000	(STBGDA)
DIVISION	BLACK MOUNTAIN AVENUE.		FY 2019 -	\$20,000	(L)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2020 -	\$2,300,000	(STBG)
	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>		FY 2020 -	\$334,000	(STBGDA)
	<u>AND CONSTRUCTION FROM FY 19 TO FY 20</u>		FY 2020 -	\$659,000	(L)
				\$4,002,000	
* EB-5925	BEAVERDAM CREEK GREENWAY, NC 251 TO US 25.	ENGINEERING	FY 2019 -	\$600,000	(STBGDA)
BUNCOMBE	CONSTRUCT MULTI-USE PATH.		FY 2019 -	\$150,000	(L)
PROJ.CATEGORY	<u>ADD PRELIMINARY ENGINEERING IN FY 19 NOT</u>	CONSTRUCTION	FY 2020 -	\$1,600,000	(STBGDA)
DIVISION	<u>PREVIOUSLY PROGRAMMED AND TO ALLOW TIME</u>		FY 2020 -	\$400,000	(L)
	<u>FOR PLANNING AND DESIGN DELAY CONSTRUCTION</u>			\$2,750,000	
	<u>FROM FY 2018 TO FY 2020 AT REQUEST OF MPO</u>				
* U-5019A	RIVERWAY MULTI-MODAL NETWORK, TOWN BRANCH	CONSTRUCTION	FY 2021 -	\$3,420,000	(STBGDA)
BUNCOMBE	GREENWAY		FY 2021 -	\$855,000	(L)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 20 TO FY 21 AT</u>			\$4,275,000	
DIVISION	<u>REQUEST OF MPO.</u>				
* U-5019B	RIVERWAY MULTI-MODAL NETWORK, FRENCH BROAD	CONSTRUCTION	FY 2019 -	\$4,000,000	(STBGDA)
BUNCOMBE	RIVER WEST GREENWAY, FRENCH BROAD RIVER		FY 2019 -	\$1,000,000	(L)
PROJ.CATEGORY	PARK TO HAYWOOD ROAD.			\$5,000,000	
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 19</u>				
	<u>AT REQUEST OF MPO.</u>				
U-5833	SR 2241 (OAK STREET), SR 2159 (PINE RIDGE ROAD)	BUILD NC CONST	FY 2019 -	\$429,000	(T)
RUTHERFORD	TO US 74. WIDEN EXISTING ROADWAY.		FY 2020 -	\$429,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 -	\$429,000	(T)
DIVISION			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$1,716,000	(T)
		CONSTRUCTION	FY 2019 -	\$300,000	(T)
				\$6,735,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 13

U-5834	SR 3116 (MILLS GAP ROAD), US 25 (HENDERSONVILLE	RIGHT-OF-WAY	FY 2019 -	\$6,167,000	(T)
BUNCOMBE	ROAD) TO SR 3157 (WESTON ROAD). UPGRADE		FY 2020 -	\$6,167,000	(T)
PROJ.CATEGORY	EXISTING ROADWAY.		FY 2021 -	\$6,166,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	CONSTRUCTION	FY 2021 -	<u>\$3,000,000</u>	(T)
	<u>RIGHT-OF-WAY FROM FY 18 TO FY 19</u>			\$21,500,000	

* W-5213DIV	VARIOUS, DIVISION 13 RUMBLE STRIPS, GUARDRAIL,	RIGHT-OF-WAY	FY 2019 -	\$50,000	(HSIP)
BUNCOMBE	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED		FY 2020 -	\$50,000	(HSIP)
PROJ.CATEGORY	LOCATIONS IN THE DIVISION CATEGORY.	CONSTRUCTION	FY 2019 -	\$700,000	(HSIP)
DIVISION	<u>ADD RIGHT-OF-WAY IN FY 19 AND FY 20 AND</u>		FY 2020 -	<u>\$700,000</u>	(HSIP)
	<u>CONSTRUCTION IN FY 19 AND FY 20 NOT PREVIOUSLY</u>			\$1,500,000	
	<u>PROGRAMMED.</u>				

DIVISION 14

* A-0011C	NC 69, GEORGIA STATE LINE TO US 64 (HAYESVILLE	RIGHT-OF-WAY	FY 2018 -	\$8,300,000	(APD)
CLAY	BYPASS). WIDEN TO FOUR-LANES	CONSTRUCTION	FY 2020 -	\$18,750,000	(APD)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2021 -	<u>\$18,750,000</u>	(APD)
EXEMPT	<u>THRESHOLDS.</u>			\$45,800,000	

B-6031	SR 1300 (PUMPKINTOWN ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$80,000	(STBGOFF)
JACKSON	490069 OVER SAVANNAH CREEK.	CONSTRUCTION	FY 2021 -	\$800,000	(STBGOFF)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$880,000	
DIVISION	<u>DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21</u>				
	<u>AT REQUEST OF DIVISION</u>				

B-6032	SR 1397 (THOMAS VALLEY ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$50,000	(STBGOFF)
JACKSON	490144 OVER NATIONS CREEK.	CONSTRUCTION	FY 2021 -	\$500,000	(STBGOFF)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$550,000	
DIVISION	<u>DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21</u>				
	<u>AT REQUEST OF DIVISION</u>				

B-6033	SR 1445 (LEE BUMGARNER ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$120,000	(STBGOFF)
JACKSON	490129 OVER SCOTT CREEK.	CONSTRUCTION	FY 2021 -	<u>\$1,200,000</u>	(STBGOFF)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$1,320,000	
DIVISION	<u>DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21</u>				
	<u>AT REQUEST OF DIVISION</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 14

B-6034 JACKSON PROJ.CATEGORY DIVISION	SR 1300 (PUMPKINTOWN ROAD), REPLACE BRIDGE 490065 OVER SAVANNAH CREEK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21 AT REQUEST OF DIVISION</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$80,000 FY 2021 - <u>\$800,000</u> \$880,000	(STBGOFF) (STBGOFF)
B-6035 JACKSON PROJ.CATEGORY DIVISION	SR 1738 (HOOPER CEMETERY ROAD), REPLACE BRIDGE 490203 OVER CANEY FORK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21 AT REQUEST OF DIVISION</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$70,000 FY 2021 - <u>\$700,000</u> \$770,000	(STBGOFF) (STBGOFF)
B-6036 JACKSON PROJ.CATEGORY DIVISION	SR 1737 (CANEY FORK ROAD), REPLACE BRIDGE 490081 OVER JOHNS CREEK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21 AT REQUEST OF DIVISION</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$70,000 FY 2021 - <u>\$700,000</u> \$770,000	(STBGOFF) (STBGOFF)
* I-5922 HAYWOOD PROJ.CATEGORY STATEWIDE	I-40, TENNESSEE STATE LINE TO MILEMARKER 7. PAVEMENT REHABILITATION. <u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 19 AT REQUEST OF DIVISION</u>	CONSTRUCTION	FY 2019 - \$2,673,000 FY 2020 - \$2,673,000 \$5,346,000	(STBGIM) (STBGIM)
* I-5923 HAYWOOD PROJ.CATEGORY STATEWIDE	I-40, MILEMARKER 7 TO MILEMARKER 15. PAVEMENT REHABILITATION. <u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 19 AT REQUEST OF DIVISION</u>	CONSTRUCTION	FY 2019 - \$2,344,000 FY 2020 - \$2,344,000 \$4,688,000	(STBGIM) (STBGIM)
* R-2588B HENDERSON PROJ.CATEGORY DIVISION	NC 191, SR 1381 (MOUNTAIN ROAD) TO NC 280 SOUTH OF MILLS RIVER. <u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21 PER DIVISION</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$2,250,000 FY 2021 - \$2,250,000 FY 2020 - \$500,000 FY 2022 - \$14,500,000 FY 2023 - \$14,500,000 FY 2024 - <u>\$14,500,000</u> \$48,500,000	(STBG) (STBG) (STBG) (STBG) (STBG)

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 14

R-4751	US 19, SR 1152 (HUGHES BRANCH ROAD) IN BRYSON	RIGHT-OF-WAY	FY 2020 -	\$400,000	(T)
SWAIN	CITY TO SR 1195 (US 19A). MODERNIZE ROADWAY.	UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	CONSTRUCTION	FY 2021 -	<u>\$8,500,000</u>	(T)
REGIONAL	<u>RIGHT-OF-WAY FROM FY 19 TO FY 20</u>			\$9,000,000	

* R-5799	US 64, US 276, NC 280, US 64, US 276, NC 280 AND US	RIGHT-OF-WAY	FY 2020 -	\$7,100,000	(T)
TRANSYLVANIA	64. CONSTRUCT INTERSECTION IMPROVEMENTS.	UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2021 -	\$6,400,000	(T)
REGIONAL	<u>THRESHOLDS.</u>			\$13,600,000	

U-5840	SR 1547 (OLD AIRPORT ROAD), US 25 TO MILLS GAP	BUILD NC CONST	FY 2019 -	\$600,000	(T)
HENDERSON	ROAD. WIDEN ROADWAY.		FY 2020 -	\$600,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 -	\$600,000	(T)
DIVISION			FY 2022 -	\$600,000	(T)
			FY 2023 -	\$600,000	(T)
			FY 2024 -	\$600,000	(T)
			FY 2025 -	\$600,000	(T)
			FY 2026 -	\$600,000	(T)
			FY 2027 -	\$600,000	(T)
			FY 2028 -	\$600,000	(T)
			FY 2029 -	\$600,000	(T)
			POST YR-	\$2,400,000	(T)
		CONSTRUCTION	FY 2019 -	<u>\$200,000</u>	(T)
				\$9,200,000	

STATEWIDE

* SR-5001	VARIOUS, SAFE ROUTES TO SCHOOL PROGRAM.	CONSTRUCTION	2019	\$500,000	(SRTS)
STATEWIDE	PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC,			\$500,000	
PROJ.CATEGORY	FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY				
DIVISION	OF SCHOOLS.				
	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>				
	<u>PROGRAMMED.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP DELETIONS**

DIVISION 1

* F-5702D HYDE PROJ.CATEGORY DIVISION	NC 12, CONSTRUCT TRANSIT SHELTERS/BENCHES AND TRANSIT VEHICLES <u>DELETE, WORK TO BE ACCOMPLISHED UNDER OTHER STATE FUNDS.</u>	CONSTRUCTION	FY 2018 -	\$110,000 \$110,000	(O)
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DIVISION 2

* B-6045 PAMLICO PROJ.CATEGORY DIVISION	SR 1302 (JANERIO ROAD), REPLACE BRIDGE 680057 OVER DAWSON CREEK. <u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT B-5995.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2023 -	\$600,000 \$6,000,000 \$6,600,000	(STBGOFF) (STBGOFF)
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DIVISION 4

P-5711B EDGECOMBE NASH PROJ.CATEGORY STATEWIDE	CSX A LINE, DOUBLE TRACK IMPROVEMENTS FROM MILEPOST A105 TO A117 <u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT P-5711A.</u>	CONSTRUCTION	FY 2018 - FY 2019 -	\$19,695,000 \$19,695,000 \$39,390,000	(T) (T)
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DIVISION 7

* EL-4828B ORANGE ORANGE PROJ.CATEGORY TRANSITION	MORGAN CREEK GREENWAY, PHASE 2 <u>DELETE PROJECT BREAK AT THE REQUEST OF TOWN AND DIVISION OFFICE.</u>	CONSTRUCTION	FY 2018 - FY 2018 -	\$730,000 \$182,000 \$912,000	(TAPDA) (L)
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DIVISION 9

* C-5216 DAVIDSON PROJ.CATEGORY EXEMPT	SR 3346 (SOUTH MAIN STREET), EXTEND SIDEWALKS ON SOUTH MAIN STREET AND PROVIDE WIDE PAVED SHOULDERS ON ANNA LEWIS DRIVE AND EMERGENCY DRIVE TO PROVIDE BICYCLE ACCESS TO LEXINGTON MEMORIAL HOSPITAL IN LEXINGTON. <u>DELETE AT REQUEST OF MPO; PROJECT DECLINED BY CITY.</u>	ENGINEERING CONSTRUCTION	FY 2018 - FY 2018 - FY 2019 - FY 2019 -	\$107,000 \$27,000 \$481,000 \$120,000 \$735,000	(CMAQ) (L) (CMAQ) (L)
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP DELETIONS**

DIVISION 9

* C-5217	VARIOUS, BIKE AND PEDESTRIAN IMPROVEMENTS IN	CONSTRUCTION	FY 2019 -	\$152,000	(CMAQ)
DAVIDSON	VICINITY OF SCHOOL. BISECKER AND MIZE ROADS,		FY 2019 -	<u>\$38,000</u>	(L)
PROJ.CATEGORY	PROVIDE WIDE PAVED SHOULDERS AND CONSTRUCT			\$190,000	
EXEMPT	SIDE-WALKS ON CORNELIA STREET AND HILLSIDE				
	DRIVE IN LEXINGTON.				
	<u>DELETE AT REQUEST OF MPO; PROJECT DECLINED BY CITY.</u>				

DIVISION 10

* C-5502	LITTLE TEXAS ROAD, LITTLE TEXAS ROAD IN
CABARRUS	KANNAPOLIS, FOREST PARK DRIVE TO EXISTING
PROJ.CATEGORY	SIDEWALK SOUTH OF MISSION TRIPP STREET.
EXEMPT	CONSTRUCT 800 FEET OF SIDEWALK.
	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT EB-5844</u>

DIVISION 14

* C-5151	EASTERN BAND OF CHEROKEE INDIANS (EBCI), GREAT	CONSTRUCTION	FY 2018 -	\$177,000	(CMAQ)
HAYWOOD	SMOKIES NATIONAL PARK. CONSTRUCT A MIXED-USE		FY 2018 -	\$65,000	(L)
SWAIN	PATHWAY.			\$242,000	
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF DIVISION.</u>				
EXEMPT					

ITEM N SUMMARY

ADDITIONS	13	PROJECTS	\$12,900,000
MODIFICATIONS	96	PROJECTS	
DELETIONS	8	PROJECTS	\$48,179,000
	117	PROJECTS	(\$35,279,000)

* INDICATES FEDERAL AMENDMENT

NCDOT December 6, 2018 Board of Transportation Agenda

SUMMARY: There are a total of 28 agreements for approval by the Board of Transportation.

Division 1

Dare County
R-5014
41162.3.1

This Project consists of improvements on SR 1217 (Colington Road) from the dead end road to US 158 (Croatan Highway) in Kill Devil Hills. This Utility Construction Agreement (UCA) is for the adjustment and/or relocation of water lines. The County is responsible for actual costs of the relocation work. The estimated reimbursement is \$463,064.47.

Division 2

Contentnea Metropolitan Sewer
District
Pitt County
R-2250
34411.3.7

This Design-Build Project consists of improvements on US 264 (Greenville Southwest Bypass) from south of SR 1149 (Old NC 11) to existing US 264. This Utility Construction Agreement (UCA) is for Betterments. The District has requested an upgrade of the existing 14" sanitary sewer force main to a proposed 20". The District shall reimburse the Department a lump sum payment of \$82,965.63 for the utility work.

NC Wildlife Resources
Commission
Jones County
48240

This Project consists of the construction of pedestrian facilities, boardwalk and sidewalk along NC 58 to provide access to Brock's Mill Pond in Jones County. The Commission shall perform the work. The Department shall participate in the construction costs of the project up to a maximum amount of \$69,525. Costs which exceed this amount shall be borne by the Commission.

Division 3

City of Wilmington
New Hanover County
U-5534N
44096.1.15
44096.2.15
44096.3.15

This Project consists of construction of a bus pull-out and loading area along Shipyard Boulevard including sidewalk at Rutledge Drive to Vance Street in Wilmington. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$240,000 in STP-DA funds. The Department shall reimburse the Municipality an additional \$80,000 (80%) of approved eligible costs from STBGP-DA funds. The Municipality will provide \$20,000 (20%) as a local match. The Municipality is responsible for all phases of the Project and all costs that exceed the total available funding.

NCDOT December 6, 2018 Board of Transportation Agenda

Division 5

Town of Morrisville
Wake County
C-5168
46233.1.1
46233.2.1
46233.3.1

This Project consists of the design and construction of a greenway trail connecting residential neighborhoods to retail and employment areas in Morrisville. This Supplemental Agreement is to increase the funding for the Project. The Department's original participation was \$4,203,816 in CMAQ and TAP funds. The Department agrees to reimburse the Municipality an additional \$129,786 (50%) in TAP funds. The Municipality's original participation was \$1,655,680. The Municipality will provide \$129,786 (50%) as their additional local match. The total estimated cost of the Project is \$6,119,068. Any costs that exceed the total available funding will be the responsibility of the Municipality.

Town of Wake Forest
Wake County
U-5515
55056.1.1
55056.2.F1
55056.3.1

This Project consists of improvements to SR 1930 (Stadium Drive), from US 1 to SR 1954 (North Wingate Street) in Wake Forest, including widening, sidewalk, bicycle lanes and pedestrian/transit amenities in Wake Forest. This Supplemental Agreement is to add new funding to the Project. The Department's original participation was \$3,562,400 in STP-DA funds and \$100,000 in High Impact/Low Cost State funds. The Department agrees to reimburse the Municipality an additional \$3,038,750 (50%) of STBG-DA funds. The Municipality's original participation was \$890,600. The Municipality will provide \$3,038,750 (50%) as their additional local match. The total estimated cost of the Project is \$10,630,500. Any costs that exceed the total available funding will be the responsibility of the Municipality.

Town of Holly Springs
Wake County
U-5118JB
42379.3.35

This Project consists of the construction of a superstreet on NC 55 Bypass at Sportsmanship Way in Holly Springs. This Supplemental Agreement is to increase the funding for the Project. The Department's original participation was \$1,200,000 in STP-DA funds. The Department agrees to reimburse the Municipality an additional \$577,967 (50%) of STBG-DA funds. The Municipality's original match was \$300,000. The Municipality will provide \$577,967 (50%) as their additional local match. The total estimated cost of the Project is \$2,655,934. Any costs that exceed the total available funding will be the responsibility of the Municipality.

NCDOT December 6, 2018 Board of Transportation Agenda

Division 5, con't.

City of Durham and Durham-
Chapel Hill-Carrboro
Metropolitan Planning
Organization (MPO)
Durham County
M-0528CC
48232.3.3

This Project consists of the development of a web-based interactive mapping application tool for the MPO congestion management process to update the Comprehensive Transportation Plan and monitor the Metropolitan Transportation Plan performance measures. The Department shall reimburse 100% of eligible expenses incurred by the MPO up to a maximum amount of \$150,000. The Municipality shall provide all costs that exceed the total available funding.

City of Durham and Durham-
Chapel Hill-Carrboro
Metropolitan Planning
Organization (MPO)
Durham County
M-0528CD
48232.3.4

This Project consists of the development and update of the MPO-automated and electronic TIP Funding spatial database and application portal that will link the Comprehensive Transportation Plan and monitor the Metropolitan Transportation Plan performance measures. The Department shall reimburse 100% of eligible expenses incurred by the MPO up to a maximum amount of \$150,000. The Municipality shall provide all costs that exceed the total available funding.

City of Durham
Durham County
EB-5514
50030.3.1

This Project consists of the construction of bicycle lanes and/or sidewalks along University Dr (SR 2220, NC 751, SR 1183) from SR 2220 (Old Chapel Hill Rd) to SR 1158 (W Cornwallis Rd). This Supplemental Agreement is to increase the funding for the Project. The Department's original participation was \$1,025,000 using \$820,000 in STP-EB federal funds and \$205,000 as state match. The Department agrees to reimburse the Municipality an additional \$905,611 with \$724,489 (80%) of STBG federal funds and \$181,122 (20%) as a state match. The total estimated cost of the Project is \$1,930,611. Any costs that exceed the total available funding will be the responsibility of the Municipality.

US Department of
Transportation (USDOT)
Wake County
U-4437
35868.3.4

This Cooperative Agreement with US Department of Transportation (USDOT) using FY 17 TIGER funds will partially finance a contract for the Department to construct a railroad grade separation and improvements at the intersection of Blue Ridge Road and Hillsborough Street in Raleigh. The USDOT shall participate in the amount of \$19,900,000 using TIGER funds and the Department will utilize \$37,198,674 in other federal funds, for a total federal share of \$57,098,674 (80%). The Department will provide \$14,274,669 (20%) in State funds as a match, for a total project amount of \$71,373,343.

NCDOT December 6, 2018 Board of Transportation Agenda

Division 6

Fayetteville Public Works
Commission
Cumberland County
W-5206AA

This Project consists of construction, design, signal revisions, and right of way and easement acquisition for a right turn lane into a proposed business located on NC Highway 59 in Fayetteville. The Municipality will relocate sewer and water lines and the Department will participate in the actual construction costs of the utility work. The estimated cost is \$24,000.

Fayetteville Public Works
Commission
Cumberland County
U-2519CA
34817.3.13

This Project consists of construction of the Fayetteville Outer Loop from South of US 401 to South of SR 1400 (Cliffdale Road). This Utility Agreement is to design the preliminary construction plans for a Betterment of the water line from 16" to 24" as part of the utility work for the Project. The lump sum cost to the Municipality is \$29,522.12.

Division 7

City of High Point
Guilford County
C-5609L
43731.2.10
43731.3.10

This Project consists of the installation of sidewalk in six (6) locations within the city limits of High Point. The six (6) locations include 1) James Road between E Hartley Drive (SR 4143) and Oakview Road, 2) Eastchester Drive (SR68) between Hickwood Road (SR 1523) and Ramsay Street, 3) N Main Street (SR 1009) between south of Dayton Avenue and Old Winston Road, 4) Fairfield Road (SR 610 and SR 1300) between Plaza Lane and Brentwood Street, 5) Eastchester Drive (SR 68) between N Main Street (SR 1009) and Johnson Street and 6) Eastchester Drive (SR 68) between E Hartley Drive (SR 4143)/University Parkway and Centennial Street. The Department shall reimburse 80% of eligible expenses incurred by the Municipality up to a maximum amount of \$1,564,080. The Municipality shall provide the 20% match (\$391,020) and all costs that exceed the total available funding.

Division 8

Town of Mount Gilead
Montgomery County
EB-5899
47257.1.1
47257.3.3

This Project consists of the construction of a 5' sidewalk on one side of NC 731 to connect with Stanback Park in Mount Gilead. The Department shall reimburse the Municipality 80% (\$108,000) of approved eligible costs from TAP funds. The Municipality will provide 20% (\$27,000) as a local match. The Municipality is responsible for all phases of the Project and all costs that exceed the total available funding.

NCDOT December 6, 2018 Board of Transportation Agenda

Division 9

City of Winston-Salem
Forsyth County
9.1034SM
9.2034SM

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

City of Winston-Salem
Forsyth County
9.1034SM
9.2034SM

This Municipal Operations Agreement (Schedule D) provides for the municipal operation of the computerized traffic control system, including timing plans, electric traffic signals and other traffic control devices on the State Highway System Streets located within or near the City of Winston-Salem. The Department shall pay the Municipality an annual approved cost for the traffic control system operation, maintenance, and administrative costs as per the Agreement.

City of Salisbury
Rowan County
U-3459
53500.3.STR01T4

The Project will relocate a portion of Klumac Road (SR 2541), under the mainline track of NSR/NCRR, to tie into existing Klumac Road (SR 2541) south of Kentucky Street and eliminate the need for the at-grade crossing on Klumac Road (SR 2541). At the request of the Municipality, NCDOT has agreed to construct sidewalks on the newly constructed Klumac Road. The Municipality has agreed to accept ownership and maintenance responsibilities for sidewalks on the newly relocated portion of Klumac Road from US 29 (Main Street) to south of Kentucky Street where it ties into the existing Klumac Road (SR 2541) and the remaining portion of old Klumac Road (SR 2541) from US 29 to south of Kentucky Street where it ties into the relocated Klumac Road, at no expense or liability whatsoever to NCDOT. The Municipality shall reimburse NCDOT thirty percent (30%), estimated to be \$35,000.00, of the actual cost of constructing the sidewalks. Upon completion of the Project, the remaining portion of old Klumac Road (SR 2541) from US 29 (Main Street) to south of Kentucky Street, where it ties into the new Klumac Road, shall be owned and maintained by the Municipality, at no expense to the Department. The relocated portion of Klumac Road shall be owned and maintained by the Department, at no expense to the Municipality. This agenda item supersedes the item that was approved by the BOT on June 7, 2012.

NCDOT December 6, 2018 Board of Transportation Agenda

Division 10

City of Charlotte
Mecklenburg County
M-0528BN
48232.2.14

This Project consists of the UNC Charlotte Adjacent Arterials Multimodal Solutions Study. The Municipality is responsible for the Project. The Department shall reimburse eligible costs up to \$40,000 (80%) in SPR funding and \$10,000 (20%) in state funding. The Municipality shall be responsible for all costs that exceed the total available funding of \$50,000.

City of Albemarle
Stanly County
R-2530B
34446.3.4

This Project consists of improvements on NC 24-27 from Bird Avenue in Albemarle to west of the Pee Dee River. This Utility Construction Agreement (UCA) is for the adjustment and/or relocation of water and sewer lines. The Municipality shall be responsible for actual costs of the relocation work. The estimated cost is \$1,181,029.25.

City of Charlotte
Mecklenburg County
M-0522
47433.1.13

This Project consists of a feasibility study for improvements to Providence Road (NC 16) from Alexander Road/Rea Road in Mecklenburg County to the Rea Road Extension in Union County. The Department shall perform the study. The Municipality shall participate in 20% of the costs of the project in the amount of \$64,204.

Montgomery County
Stanly County
R-2530B
34446.3.4

This Project consists of improvements on NC 24-27 from NC 740 in Albemarle to east of the Pee Dee River. This Utility Construction Agreement (UCA) is for the adjustment and/or relocation of water lines. The County is responsible for actual costs of the relocation work. The estimated reimbursement is \$59,025.

Norfolk Southern Railway
Company (NS)
Mecklenburg County

This Amendment #1 to the Charlotte Maintenance Facility Access Project Construction and Maintenance Agreement executed on March 7, 2016 is being executed to clarify the section on "Ownership" to match the original intent that NS is the owner of all railroad signal equipment installed by NS, regardless of location. There will be no additional cost to the Department.

Norfolk Southern Railway
Company (NS)
Mecklenburg County
U-5873
46425

This Rail Agreement provides for the review of engineering plans developed by the Department for the construction of improvements at the intersection of Crossing # 721 712S, MP O 20.81 (NC 115 - N. Main Street) and (SR 6037 - Potts Street) in the Town of Davidson. Improvements may include, but not limited to, paving, grading, and drainage. The Department will reimburse NS 100% of the cost of work performed by NS under this Agreement. The estimated cost to the Department is \$30,000.

NCDOT December 6, 2018 Board of Transportation Agenda

Division 10, con't.

CSX Transportation, Inc. (CSXT)
Union County
P-5704
46398

On October 2, 2009, the Department and CSXT entered into a Railroad Master Construction Agreement which detailed the terms and conditions by which CSXT would construct various rail safety improvements within the State of North Carolina. This Addendum #10 to the Master Construction Agreement provides for the construction of a two-mile passing siding track in Indian Trail from east of Wesley Chapel Stouts Road near MP SF-312.5 to east of Indian Trail Road near MP SF- 315.31. The proposed passing siding improves the capacity and efficiency of the direct rail link between the Port of Wilmington and the Charlotte market. The Department has performed the design work and obtained the permits, under the terms of the Preliminary Engineering Agreement. CSXT shall perform all of the construction work for the project within the existing right-of-way. The Department shall reimburse CSXT 100% of the actual eligible costs. The estimated cost to the Department is \$8,200,000. This Addendum #10 was previously approved by the Board on April 6, 2017 with a total estimated cost to the Department of \$5,500,000. CSXT, at no cost to the Department, shall maintain the siding track once constructed.

Division 11

Town of Blowing Rock
Watauga County
EB-5924
47629.3
44607

This Project consists of the construction of section 2 of the recreational Greenway Trail heading into Blowing Rock at the parking area adjacent to Tanger Outlet and running up to the North end of the Chestnut Ridge property. The Municipality is responsible for all phases of the Project. The Department shall reimburse approved eligible costs from the Federal Lands Access Program (FLAP) funds allocation, not to exceed \$1,791,988. The non-federal match for the FLAP funds is \$145,000 from Contingency Funds and the Municipality will be responsible for providing \$285,495 and all costs that exceed the total available funding of \$2,222,483.

Town of Yadkinville
Yadkin County
U-5809
44382.3.1

This Project consists of improvements on US 601 (State Street) from US 421 to SR 1146 (Lee Road). This Utility Construction Agreement (UCA) is for the adjustment and/or relocation of water and sewer lines. The Municipality is responsible for actual costs of the relocation work. The estimated reimbursement is \$489,324.

NCDOT December 6, 2018 Board of Transportation Agenda

Division 14

Clay County
A-0011C
32574.3.8

This Project consists of improvements on NC 69 from the Georgia State Line to US 64. The Department shall prepare the environmental and/or planning document, project plans and specifications, acquire any needed right of way and construct the project. The County shall relocate and adjust any municipally-owned utilities. At the request of the County, the Department shall include in its contract the construction of pedestrian facilities within the project limits. The County shall reimburse the Department 30% of the actual cost of the work. The estimated reimbursement from the County is \$46,170.

NCDOT December 6, 2018 Board of Transportation Agenda

SUMMARY: There are a total of 12 agreements for informational purposes only.

Division 3

Town of Ocean Isle Beach
Brunswick County
3603.3.30

This Project consists of landscaping for a roundabout at the intersection of Highway 179, Highway 904 (Causeway Drive) and SR 1184 (Ocean Isle Beach Road SW) in Ocean Isle Beach. The Department shall install the landscape plantings. The Municipality shall maintain the plantings after a one-year establishment period.

Division 5

Win Duke LLC
Durham County
36249.3959

This Project consists of the modification of the existing traffic signal at the intersection of US 501 (North Duke Street) at Frasier Street. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$5,000.

Shelbourne Healthcare
Development Group
Wake County
36249.3960

This Project consists of the upgrade of the existing traffic signal on Regency Parkway at Elderlee Drive in Cary. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$5,000.

G3 Properties, LLC
Wake County
36249.3961

This Project consists of the upgrade of the traffic signal on US 64 at Liles Dean Lane. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$5,000.

Trinity Group Investments
Franklin County
36249.3965

This Project consists of the upgrade of the traffic signal on US 1 at Bert Winston Road and installation of a new traffic signal on US 1 at Northbound (U-Turn Movement). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$7,500.

NCDOT December 6, 2018 Board of Transportation Agenda

Division 8

Town of Aberdeen
Moore County
36249.3879

This Agreement is to provide de-icing salt to the Municipality for the safe and efficient utilization of transportation systems. The Municipality shall reimburse the Department 100% of the actual cost of the material. The estimated reimbursement to the Department is \$93.73 per ton.

Division 10

The Silverman Group
Cabarrus County
U-4910B
40373.1.F3
40373.2.F2
40373.3.2

This Project consists of the construction of roadway improvements and the installation of traffic signals to facilitate traffic flow association with the Developer's proposed logistics warehouse site (SL 1000 Derita Road). The Developer shall reimburse the Department 100% of the Department's work. The estimated reimbursement is \$339,300.

Division 13

City of Asheville
Buncombe County
47875

This Project consists of turn lane improvements from SR 3503 (Overlook Road) onto US 25 (Hendersonville Highway) and a right turn lane from US 25 (Hendersonville Highway) onto SR 3503 (Overlook Road). The Department shall perform the work. At the request of the Municipality, additional work by the Department will include bus shelter improvements. The Municipality shall reimburse the Department 100% for the additional work. The estimated reimbursement is \$2,200.

City of Asheville
Buncombe County
U-5190
45251.1.1
45251.2.1
45251.3.1

This Project consists of construction of sidewalk on New Leicester Highway from the city limits to Patton Avenue. This Supplemental Agreement modifies the Project funding source with no change in the amount of funding. The Department shall reimburse \$2,199,000 (80%) of eligible expenses from STP funds and \$705,000 (80%) from STP-DA funds allocation. The Municipality shall provide the 20% (\$726,000) non-federal match and all costs that exceed the total estimated cost of \$3,630,000.

City of Asheville
Buncombe County
U-5189
45250.3.1

This Project consists of construction of sidewalk along US 25 (Hendersonville Road) within the Asheville city limits from existing sidewalk near I-40 south to NC 146 (Long Shoals Road). This Supplemental Agreement is to extend the completion date for the Project to January 31, 2019, in lieu of May 30, 2018.

NCDOT December 6, 2018 Board of Transportation Agenda

Division 14

Town of Lake Santeetlah
Graham County
36249.3958

This Project consists of patching on various streets within the town limits. The Department shall perform the work. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,470.

City of Hendersonville
Henderson County
36249.3963

This Project consists of the installation of a Rectangular Rapid Flashing Beacon (RRFB) at the intersection of US 64 and Valley Street in Hendersonville. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$14,000.

**Approval of Municipal Street System Changes
Deletions to the State Highway System**

Division	County	Municipality	Road	Termini	Length
7	Alamance 2018_11_M001	City of Mebane	SR 2205; Burgess Road	To delete Burgess Road	0.140
10	Union 2018_11_M001	City of Monroe	SR 3668; Aeropointe Parkway	To delete Aeropointe Parkway	0.298
Total Miles =					0.438

NCDOT December 2018 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 & R - 6
4	Conveyance ROW Residue (HB 501)	R - 7 – R - 9
5	Approval of Conveyance of Highway Right of Way Residues	R-10
6	Approval of Conveyance of Surplus Highway Right of Way	R-11
7	Approval of Revision in Control of Access	R-12
6	Advance Acquisition of Highway Right of Way	R - 13
7	Release of Interest	R - 14
8	Award of Contracts to Private Firms for Engineering Services ROW	R-15 – R-18

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)

Pasquotank County; I.D. No. U-5942; Project No. 45861.2.1:
Elizabeth City – Signal System (Utilities)

(Division 2)

Pitt County; I.D. No. B-4605; Project No. 38430.2.1:
Bridge No. 5 over Chicod Creek on SR 1777

Greene; I.D. No. R-5812; Project No. 46981.2.1:
US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91

(Division 3)

Onslow County; I.D. No. U-4007E; Project No. 35008.3.8:
US 17 at NC 53 (Western Boulevard) and SR 1406 (Piney Green Road)

(Division 5)

Wake County; I.D. No. U-5302; Project No. 48000.2.1:
US 401 from South of SR 1006 (Old Stage Road) to South of SR 2538 (Mechanical Boulevard) in Garner

Preliminary Right of Way Plans (continued)

(Division 8)

Moore County; I.D. No. U-5814; Project No. 44387.2.1:

US 15/501 / NC 211 from US 1 (Sandhills Boulevard) to Brucewood Road in Aberdeen and Southern Pines

Moore County; I.D. No. U-5815B; Project No. 54041.2.4:

US 1 (Sandhills Boulevard) from Knight Street in Aberdeen to Old US 1 in Southern Pines, SR 1112 (Roseland Road)

(Division 9)

Forsyth County; I.D. No. U-6003; Project No. 47138.2.1:

New Route from SR 1969 (Piney Grove Road) to NC 150 (North Main Street) in Kernersville

(Division 10)

Union County; I.D. No. W-5710K; Project No. 44856.2.11:

NC 200 (Lancaster Highway) and SR 1128 (McWhorter Road) – Tom Starnes Road

Mecklenburg County; I.D. No. C-5613H; Project No. 43735.2.12:

Intersection of SR 2112 (Lakeview Road) and SR 2110 (Reames Road) and Lake View Road from Beatties Ford Road to Reames Road in Charlotte

Union County; I.D. No. W-5710L; Project No. 44856.2.12

NC 16 (Providence Road) and Gray Byrum near Waxhaw

(Division 12)

Lincoln County; I.D. No. R-5712; Project No. 50208.2.1:

NC 16 Business at intersection of NC 16 Business and SR 1439 (Unity Church Road)/ SR 1387 (Triangle Circle)

(Division 13)

Burke County; I.D. No. I-5875; Project No. 53076.2.1:

I-40 at SR 1712 (Drexel Road)

Burke County; I.D. No. I-5874; Project No. 53075.2.1:

I-40 at SR 1142 (Jamestown Road) Exit 100

Burke County; I.D. No. I-5008; Project No. 41497.2.1:

I-40 at SR 1734 / SR 1826 (Exit 111)

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

Paving, drainage, grading, signals and retaining walls on SR 1598 / SR 1620 (Dickinson Ave) from NC 11 (Memorial Dr) to SR 1610 (Reade Circle) with the right of way indicated upon the final plans for said project.

(Division 3)**Project No. 40238.2.4; New Hanover County; I.D. No. U-4902D:**

Grading, drainage, paving and signals in Wilmington – US 17 Business (Market Street) from SR 1403 (Middle Sound Loop Road) to SR 2290 (Mendenhall Drive) / SR 2734 (Marsh Oaks Drive) with the right of way indicated upon the final plans for said project.

Project No. 50139.2.1; Onslow County; I.D. No. W-5602:

Drainage, paving and grading on NC 172 Camp Lejeune Gate to NC 210. Convert two lane roadway to three lane roadway with a two-way left turn lane with the right of way indicated upon the final plans for said project.

(Division 5/7)**Project No. 38664.2.FD1; Durham/Orange Counties; I.D. No. EB-4707A:**

Drainage, paving and grading on SR 1838 / SR 2220 (Old Durham Road) from US 15 / US 501 in Orange County to SR 1113 (Pope Road) in Durham County with the right of way indicated upon the final plans for said project.

Final Right of Way Plans (continued)

(Division 11)

Project No. 46103.2.1; Alleghany County; I.D. No. B-5388:

Drainage, paving, grading and structure on Bridge No. 21 over Little River on NC 18 with the right of way indicated upon the final plans for said project.

(Division 13)

Project No. 50225.2.1; Rutherford County; I.D. No. U-5833:

Grading, drainage, paving, signals and retaining wall on SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74 with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 50231.2.1; Henderson County; I.D. No. U-5840:

Drainage, Paving and grading on SR 1547 (Old Airport Road) from US 25 to Mills Gap Road. Widen Roadway with the right of way indicated upon the final plans for said project.

Revisions of the Final Right of Way Plans

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

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

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

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

(Division 3)

Project No. 40191.2.1; I.D. No. U-4751; New Hanover County:

Final Right of Way plans approved on the minutes of the October 5, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 6 as presented at the December 6, 2018 Board of Transportation Meeting.

(Division 4)

Project No. 39930.2.2; I.D. No. U-4762; Edgecombe County:

Final Right of Way plans approved on the minutes of the March 8, 2018 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 4 & 5 as presented at the December 6, 2018 Board of Transportation Meeting.

(Division 5)

Project No. 34745.2.8; I.D. No. U-0071; Durham County:

Final Right of Way plans approved on the minutes of the November 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 6 as presented at the December 6, 2018 Board of Transportation Meeting.

Revisions of the Final Right of Way Plans (continued)

(Division 12)

Project No. 34522.2.FR6; I.D. No. R-3100A; Catawba County:

Final Right of Way plans approved on the minutes of the April 6, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 15 as presented at the December 6, 2018 Board of Transportation Meeting.

REVISION FINAL ROW PLANS

4 PROJECT(S)

\$0.00

Approval of Conveyance of Highway Right of Way Residues by Real Estate Agent and/or Auctioneer per House Bill 501 Pilot Program

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 2)

**Project 34440.2.6, R2510B Parcel 013, US 17 from south of SR 1149 Price Road and US 17 to north of SR 1509 Springs Road
Beaufort County**

Conveyance of an approximate 2.289-acre landlocked B-class residue area to Saravanan Bala for the highest offer amount of **\$2,500.00**; commission \$200.00

**Project 34440.2., R-2510A Parcel 063, US 17 from south of SR 1127 Possum Track Road to SR 1149 Price Road
Beaufort County**

Conveyance of an approximate 0.348-acre landlocked C-class residue area to Saravanan Bala for the highest offer amount of **\$2,000.00**; commission \$160.00

**Project 34440.2.6, R-2510A Parcel 108, US 17 from south of SR 1127 Possum Track Road to SR 1149 Price Road
Beaufort County**

Conveyance of an approximate 0.576-acre landlocked C-class residue area to Saravanan Bala for the highest offer amount of **\$2,500.00**; commission \$200.00

(Division 4)

**Project 34459.2.7, R-2552C Parcel 016-018 US 70 Clayton Bypass from east of SR 1560 to US 70 east of Clayton
Johnston County**

Conveyance of an approximate 0.791-acre landlocked B-class residue area to Neptali Dominguez and Veronica Martinez for the highest offer amount of **\$10,000.00**; commission \$600.00

**Project 34363.2.8, R-1030D Parcel 006, US 117 Bypass from south of US 301 to US 264 Bypass
Wilson County**

Conveyance of an approximate 0.640-acre landlocked C-class residue area to Wilson Mini Storage, LLC for the highest offer amount of **\$2,000.00**; commission \$120.00

**Project 34459.2.5, R-2552B Parcel 014, US 70 Clayton Bypass from east of NC 42 to east of SR 1560 Ranch Road
Johnston County**

Conveyance of an approximate 1.090-acre A-class residue area to Steven Cogar for the highest offer amount of **\$22,000.00**; commission \$1,320.00

Approval of Conveyance of Highway Right of Way Residues by Real Estate Agent and/or Auctioneer per House Bill 501 Pilot Program (continued)

(Division 4) (continued)

Project 8.1330504, R-1030BA Parcel 015, US 117 Bypass from south of SR 1002 to south of SR 1342

Wayne County

Conveyance of an approximate 24.040-acre landlocked B-class residue area to Janet L. Thomas for the highest offer amount of **\$5,000.00**; commission \$300.00

(Division 6)

Project 34866.2.2, U-2810B Parcel 063, SR 1003 Camden Road from NC 162 Hope Mills Bypass to east of Oakland Ave.

Cumberland County

Conveyance of an approximate 0.110-acre landlocked C-class residue area to Everett Johnson for the highest offer amount of **\$150.00**; commission \$15.00

Project 34866.2.2, X-2000C Parcels 031 & 032, US 24 extension Fayetteville Outer Loop from east of NC 87/NC 210 to west of US 401

Cumberland County

Conveyance of an approximate combined 0.570-acre consisting of a landlocked B-class and a landlocked C-class residue area to Jimmy Santos for the highest offer amount of **\$1,550.00**; commission \$155.00

Project 34994.2.2, U-3849 Parcel 058, SR 1363 Elk Road from SR 1132 Legion Road to US 301/I-95 Business

Cumberland County

Conveyance of an approximate 0.127-acre landlocked B-class residue area to John Darrah for the highest offer amount of **\$800.00**; commission \$80.00

Project 34866.2.2, U-2810B Parcel 069, SR 1003 Camden Road from NC 162 Hope Mills Bypass to east of Oakland Ave.

Cumberland County

Conveyance of an approximate 0.540-acre landlocked C-class residue area to Melissa Brown for the highest offer amount of **\$7.50**; commission \$0.75

Project 34866.2.2, U-2810B Parcel 029, SR 1003 Camden Road from NC 162 Hope Mills Bypass to east of Oakland Ave.

Cumberland County

Conveyance of an approximate 0.113-acre landlocked C-class residue area to Jimmy Santos for the highest offer amount of **\$130.00**; commission \$13.00

Approval of Conveyance of Highway Right of Way Residues by Real Estate Agent and/or Auctioneer per House Bill 501 Pilot Program (continued)

(Division 7)

Project 8.2493501, B-2834 Parcel 003, Bridge #101 over Horsepen Creek on SR 2182

Guilford County

Conveyance of an approximate 2.390-acre A-class residue area to Stephen Boskovic for the highest offer amount of **\$10,000.00**; commission \$600.00

(Division 12)

Project 34517.2.2, R-2911A Parcel 049, US 70 from SR 2318 near Statesville to the Rowan County line

Iredell County

Conveyance of an approximate 0.168-acre landlocked C-class residue area to Joshua Nowlin for the highest offer amount of **\$113.00**; commission \$13.00

Project 8.1821403, R-1017AB Parcel 081, US 64/NC 90 from west of the Alexander County line to west of I-40 at Statesville

Iredell County

Conveyance of an approximate 0.430-acre landlocked C-class residue area to Joshua Nowlin for the highest offer amount of **\$270.00**; commission \$27.00

Project 34517.2.2, R-2911A Parcels 093 & 094, US 70 from SR 2318 near Statesville to the Rowan County line

Iredell County

Conveyance of an approximate 2.584-acre landlocked B-class residue area to Michael Sullivan for the highest offer amount of **\$8,673.00**; commission \$867.30

Project 34517.2.2, R-2911A Parcel 026, US 70 from SR 2318 near Statesville to the Rowan County line

Iredell County

Conveyance of an approximate 0.970-acre landlocked C-class residue area to Michael Sullivan for the highest offer amount of **\$1,628.00**; commission \$162.80

Project 34517.2.2, R-2911A Parcel 062, US 70 from SR 2318 near Statesville to the Rowan County line

Iredell County

Conveyance of an approximate 1.088-acre landlocked B-class residue area to Hammad Raza for the highest offer amount of **\$2,250.00**; commission \$225.00

Project 34517.2.2, R-2911A Parcel 020, US 70 from SR 2318 near Statesville to the Rowan County line

Iredell County

Conveyance of an approximate 1.006-acre landlocked B-class residue area to Hammad Raza for the highest offer amount of **\$7,600.00**; commission \$760.00

CONVEYANCE ROW RESIDUE (HB 501)

19 PROJECT(S)

\$ 79,171.50

Approval of Conveyance of Highway Right of Way Residues

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

(Division 7)

Project 34802.2.3, Parcels U-2412B 080, 081, 082, SR 1486/ SR 1421 (Greensboro/ High Point Road) from SR 4228 (Vickrey Chapel Road) to SR 1424 (Hilltop Road) Guilford County

Conveyance of an approximate 0.194-acre residue area to G.L. Wilson Building Company for the high bid amount of \$2,500.00.

(Division 9)

Project 40278.2.1, U-4909 024, SR 2643 (Union Cross Road) Forsyth County

Conveyance of an approximate 0.346-acre residue area to Mark Franklin Icenhower for the high bid amount of \$10,000.00.

(Division 10)

Project 8.U671619, Parcel 922, I-485 (Charlotte Outer Loop) from South of NC 218 to North of NC 51 Mecklenburg County

Conveyance of an approximate 1.560-acre residue area to the Town of Mint Hill for no monetary consideration. The Town of Mint Hill intends to use this property for the expansion of their Veteran's Memorial Park. If the land use changes to anything other than for the park's use, the property shall revert back to the Department. If any portion of the property is needed for future transportation uses, the Town of Mint Hill will convey back the Department the portion needed for transportation uses at no cost.

CONVEYANCE ROW RESIDUE

3 PROJECT(S)

\$ 12,500.00

Approval of Conveyance of Surplus Highway Right of Way

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

(Division 10)

**Project 8.1636613, SR 2623 (Trailer Drive) and SR 2635
Mecklenburg County**

Abandonment of an approximate 0.385-acre permanent easement area to C.A.T. Industrial Properties, LLC for no monetary consideration.

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 7)

**Project 8.1500602, Parcel U-2003B 007, US 15-501 (Fordham Blvd) at SR 1902 (Manning Drive) in Chapel Hill
Orange County**

Grant of a revision in the existing control of access to the University of North Carolina for an approximate 130-foot break on US 15-501 (Fordham Blvd) at SR 1902 (Manning Drive) in Chapel Hill for no monetary consideration.

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 Capital Properties of Raleigh II, LLC
I.D. No. U-5825, Parcel #903
WBS 44396.1.1, F. A. Project N/A,
County of Wake**

Division 8

**Property of Joseph R. Cothran
I.D. No. R-5709, Parcel #900
WBS 50205.1.1, F. A. Project N/A,
County of Hoke/Moore**

Division 9

**Property of Busick Brothers Masonry, Inc. (Williams Printing, Inc. Tenant)
I.D. No. U-5899, Parcel 900
WBS 44689.1.1, F. A. Project N/A
County of Forsyth**

Release of Interest to Morehead Street Investors, LLC

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)

The Department's Rail Division has been requested by Morehead Street Investors, LLC to Quitclaim any interest the Department may have acquired in the original Right of Way of Piedmont and Northern Co. Railroad as the tracts were originally located near West Hill Street in Charlotte, Mecklenburg County. Since there is no record of any conveyance to the Department from Piedmont and Northern Co. Railroad in the Mecklenburg County Registry, the Department is seeking authority to Quitclaim any interest it may have acquired to Morehead Street Investors, LLC. This is also to request authority for Manager of Right of Way to execute appropriate instrument.

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: \$3,000,000.00
 DBE Utilization: 0%

- (2) Projects: Various
 Firm: A1 Consulting Group, Inc., Morrisville, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 100%

- (3) Projects: Various
 Firm: Abatemaster, Inc., Winston-Salem, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 100%

- (4) Projects: Various
 Firm: Abatement Technology and Construction Solutions, Tobaccoville, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%

- (5) Projects: Various
 Firm: Carolina Construction Worx, Inc., Raleigh, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%

- (6) Projects: Various
 Firm: Carolina Envirotech Inc., Mooresville, NC
 Engineering Fee: \$3,000,000.00
 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: \$3,000,000.00
 DBE Utilization: 100%

- (8) Projects: Various
 Firm: Contaminant Control, Inc., Fayetteville, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%

- (9) Projects: Various
 Firm: D.H. Griffin Wrecking Co., Inc., Greensboro, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%

- (10) Projects: Various
 Firm: Double D Trucking, Inc., Winston-Salem, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 100%

- (11) Projects: Various
 Firm: Elevated Environmental Corporation, Reidsville, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%

- (12) Projects: Various
 Firm: Enpuricon, Inc., Apex, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%

- (13) Projects: Various
 Firm: High Point Builders, LLC., Archdale, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%

- (14) Projects: Various
 Firm: Janezic Building Group, LLC., Raleigh, NC
 Engineering Fee: \$3,000,000.00
 DBE Utilization: 0%

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

- (15) Projects: Various
Firm: KTF Contractor Services, LLC., Winston-Salem, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 0%
- (16) Projects: Various
Firm: M.B.H Enterprises, Inc., Rural Hall, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 0%
- (17) Projects: Various
Firm: Marley Trucking & Demolition, Inc., Asheboro, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (18) Projects: Various
Firm: Mitch Contracting Company, Inc., Fairview, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 0%
- (19) Projects: Various
Firm: Nehemiah Builders, Inc., Raleigh, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (20) Projects: Various
Firm: NEO Corporation, Canton, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 0%
- (21) Projects: Various
Firm: Premier Design Builders, Inc., Kernersville, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%
- (22) Projects: Various
Firm: T & T Abatement, Toast, NC
Engineering Fee: \$3,000,000.00
DBE Utilization: 100%

Item S

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE
APPROPRIATIONS
FISCAL YEAR 2018-2019**

There will be no Item S submitted to the Board for approval at the December 2018 Board meeting.

November 19, 2018

MEMORANDUM TO: Board of Transportation
FROM: Transportation Planning Division
SUBJECT: Submission of the Martin County Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Division has worked cooperatively with the Martin County on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Martin County on July 11, 2018, the Town of Bear Grass on April 12, 2018, the Town of Everetts on June 7, 2018, the Town of Hamilton on May 3, 2018, the Town of Hassell on June 12, 2018, the Town of Jamesville on May 14, 2018, the Town of Oak City on May 7, 2018, the Town of Parmele on May 1, 2018, the Town of Robersonville on May 8, 2018, and the Town of Williamston on May 7, 2018. It was endorsed by the Mid-East RPO on October 8, 2018.

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=Martin County](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Martin%20County)

The Transportation Planning Division recommends the mutual adoption of the Martin County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of October 10, 2018.

Sincerely,



Jamal Alavi, P.E.
Director, Transportation Planning Division

Attachment

December 6, 2018

Adopted by:

Martin County
Date: July 11, 2018

Town of Bear Grass
Date: April 12, 2018

Town of Everetts
Date: June 7, 2018

Town of Hamilton
Date: May 3, 2018

Town of Hassell
Date: June 12, 2018

Town of Jamesville
Date: May 14, 2018

Town of Oak City
Date: May 7, 2018

Town of Parmele
Date: May 1, 2018

Town of Robersonville
Date: May 8, 2018

Town of Williamston
Date: May 7, 2018

NCDOT
Date:

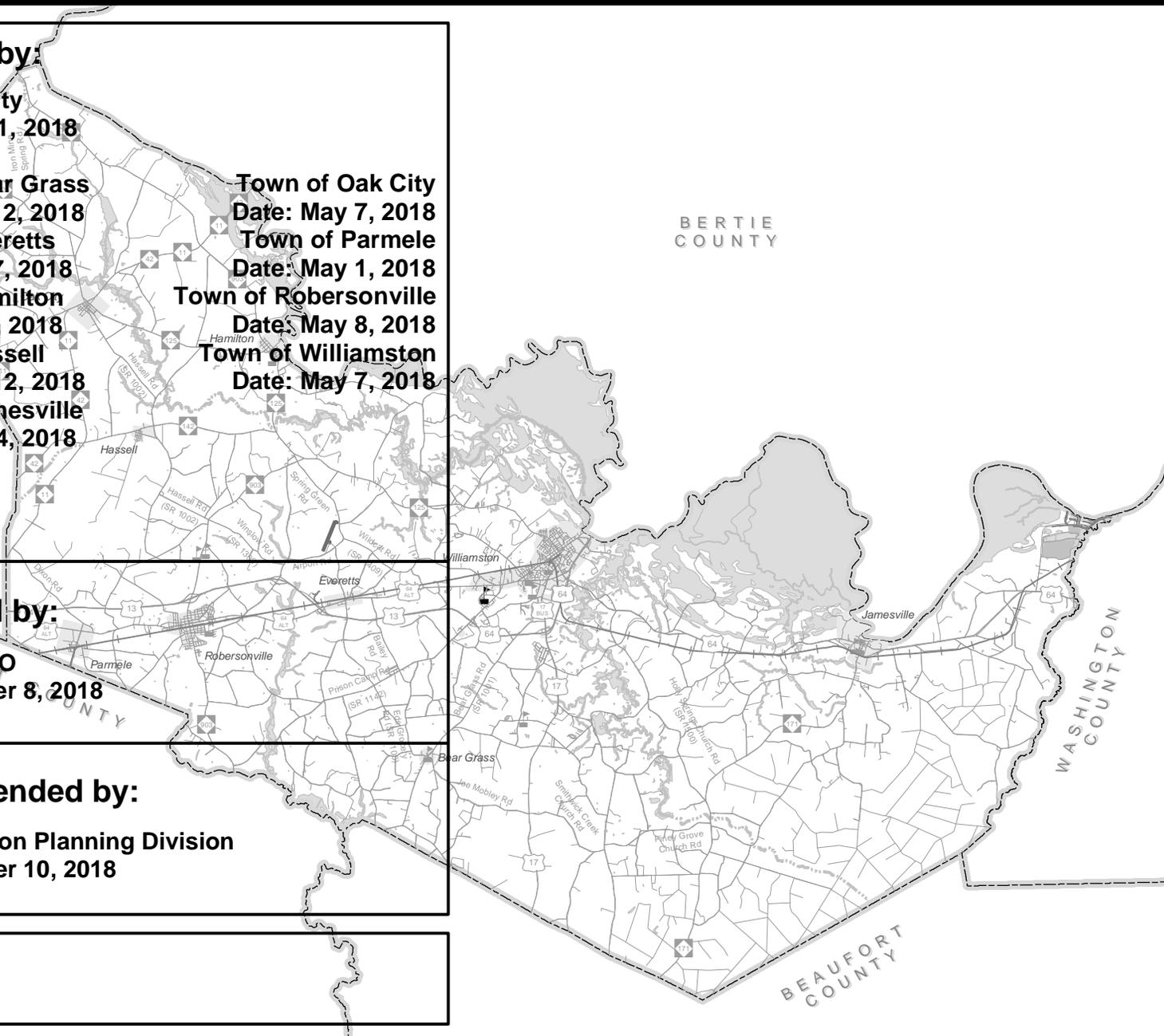
Endorsed by:

Mid-East RPO
Date: October 8, 2018

Recommended by:

Transportation Planning Division
Date: October 10, 2018

Notes:



Adoption Sheet



**Martin County
North Carolina
Comprehensive
Transportation Plan**

RECOMMENDED MAP
(October 10, 2018)

Sheet 1 **Adoption Sheet**

Sheet 2 **Highway Map**

Sheet 3 **Public Transportation
and Rail Map**

Sheet 4 **Bicycle Map**

Sheet 5 **Pedestrian Map**

-  County Boundaries
-  Municipal Boundaries

-  Roads
-  Railroads
-  Airports
-  Hospitals/Medical Centers
-  Schools



Figure 1 - Sheet 1 of 5

Base map date: November 2015

Refer to CTP document for more details



ITEM V

NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the December 5-6, 2018, Board meeting.



Logo/TODS Administrative Code

Per GS 150B-21.3A, passed during the 2013 legislative session, all administrative code/rules adopted pursuant to G.S. 150B Article 2A will be reviewed every 10 years to make sure the rules are still necessary, within the agency's authority, and address programs that still exist. Rules, as a result of the review, that were deemed necessary with public interest are required to be readopted. NCDOT completed the reviews this year and the agency is now in the process of readopting applicable rules.

Currently, NCDOT is readopting rules in 19A NCAC Chapter Two – Division of Highways. The Secretary of Transportation is the rule-making authority for all rules except those pertaining to the Logo Program and TODS Program. The Board of Transportation is the rule-making authority for these rules, of which four need to be readopted.

State Traffic Engineer Kevin Lacy, P.E. is recommending that the rules be readopted without substantive changes. The readoption process requires that the proposed rules be posted on the agency web site and included in the NC Register and that the agency take public comments for 60 days. Staff is requesting Board approval to submit the proposed rules to the Office of Administrative Hearings and begin the public comment period.

At the end of the public comment period, any comments submitted will be reviewed and staff will present final recommended rule language to the Board for approval. The anticipated date for that action will be the April Board meeting. Following Board approval in the spring, the rules will be submitted to the Rules Review Commission for approval.

[TODS Signing Program](#)

[LOGO Signing Program](#)

RESOLUTION FOR J. DOUGLAS GALYON

WHEREAS, J. Douglas Galyon has been a resident of the City of Greensboro and Guilford County since 1943 and graduated from Greensboro Senior High School in 1948; and

WHEREAS, Mr. Galyon attended Duke University and graduated Guilford College in 1953; and

WHEREAS, Mr. Galyon is a veteran of the United States Marine Corps; and

WHEREAS, Mr. Galyon has served and led in over 40 civic organizations that fostered the economic opportunities and the well-being of the citizens of the City of Greensboro, Guilford County and the State of North Carolina; and

WHEREAS, Mr. Galyon has served on both the Greensboro City Council and the Guilford County Board of Commissioners; and

WHEREAS, Mr. Galyon served 17 years on the North Carolina Board of Transportation, nine of which he served as Chairman; and

WHEREAS, Mr. Galyon promoted environmental responsible development as a leader in the community and leader of the State Board of Transportation; and

WHEREAS, Mr. Galyon has received multiple awards and honorary designations by the civic organizations he has served over the years for his contributions to Greensboro, Guilford County and North Carolina; and

WHEREAS, Mr. Galyon is a member of the North Carolina Order of the Long Leaf Pine and exemplifies the toast of the Old North State; and

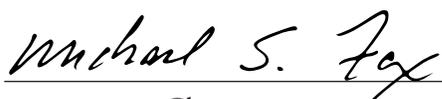
WHEREAS, the City Council of Greensboro requests to name a section of the Greensboro Urban Loop after J. Douglas Galyon.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names a section of I-840 from Joseph M Bryan Boulevard (I-73) to Battleground Avenue (US-220) as the *J. Douglas Galyon Freeway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 6th day of December 2018 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR DR. THOMAS M. MCNISH

WHEREAS, Dr. Thomas M. McNish and his family have long had ties to Macon County, North Carolina; and

WHEREAS, Dr. McNish distinguished himself as a pilot in the United States Air Force during the Vietnam War by having flown 45 combat missions before being shot down over North Vietnam and being taken prisoner of war in 1966; and

WHEREAS, Dr. McNish's internment as a prisoner of war lasted six and one-half years before he was repatriated during Operation Homecoming on March 4, 1973; and

WHEREAS, Dr. McNish's bravery in combat earned him numerous medals including the Silver Star with two oak leaf clusters, the Legion of Merit, the Distinguished Flying Cross, the Bronze Star with "V" device for valor, the Meritorious Service Medal, the Air Medal with four oak leaf clusters, the Air Force Commendation Medal, the Air Force Achievement Medal, the Presidential Unit Citation, the Purple Heart with one oak leaf cluster, the Prisoner of War Medal, the Distinguished Unit Citation, the Vietnam Cross of Gallantry and the Vietnam Service Medal with fifteen campaign stars; and

WHEREAS, Dr. McNish, having survived his ordeal as a prisoner of war, returned to the United States and completed medical school at Emory University School of medicine in 1978; and

WHEREAS, Dr. McNish has had a distinguished career in the United States Air Force as hospital commander, aviation accident investigator and has advanced the science of G-force effects on flight crew members; and

WHEREAS, Dr. McNish's life contributions exemplify the United States Air Force's motto of: "Integrity First, Service Before Self, and Excellence in All We Do"; and

WHEREAS, dedicating a portion of the Wayah Road in Macon County in the vicinity of Dr. McNish's family home place located upon Wayah Road would be a small token of appreciation for a man who has served our nation so admirably; and

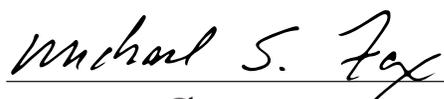
WHEREAS, the Macon County Board of Commissioners desires to honor Dr. Thomas M. McNish for his sacrifice, bravery, fortitude, service and dedication to his country and his community.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names a section of Wayah Road (SR-1310) from Old Murphy Road (SR-1442) to approximately five miles west as the *Colonel Thomas M McNish MD Highway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 6th day of December 2018 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation



ADVANCED TECHNOLOGY MEETING MINUTES

DATE: 10/10/18 TIME: 3:12 pm LOCATION: Board Room 150

MEETING CALLED BY	Chairwoman Nina Szlosberg-Landis called the meeting to order
BOARD ATTENDEES	Valerie Jordan, Tony Lathrop, Allen Moran, Thomas Taft, Jr., Landon Zimmer, Michael Wells

AGENDA TOPICS

1. MEETING CALL TO ORDER ON OCTOBER 10, 2018 FOR FIRST OFFICIAL ADVANCED TECHNOLOGY MEETING – CHAIRWOMAN NINA SZLOSBERG-LANDIS	
DISCUSSION SUMMARY	Chairwoman Szlosberg called the committee to order and presented roll call and read the conflict of interest.
2. HURRICANE FLORENCE UPDATE – USAGE OF GIS – CHRIS WERNER, DIRECTOR OF TECHNICAL SERVICES	
DISCUSSION SUMMARY	<p>Chris Werner gave an update on his team’s use of GIS and other data tools during Hurricane Florence.</p> <p>He discussed a pipe field assessment form application created to feed information in a more simplified way and allow for better understanding of where the transportation needs are located.</p> <p>He highlighted reporting dashboards and the various imagery products used to improve delivery time of repairs and clean up during the storm.</p>
3. HURRICANE FLORENCE UPDATE – USAGE OF DRONES – BOBBY WALSTON, AVIATION DIRECTOR	
DISCUSSION SUMMARY	<p>Bobby Walston highlighted drone footage of roads that had been affected by flood waters from the recent storm.</p> <p>The drone teams designed traffic management systems to show the areas where drones are located, dashboards were created to show the missions and flights of drones utilized through the storm.</p> <p>Live streams using drone technology were used to show damage to highway areas.</p> <p>There were 14 drone teams and supporting agencies across the state that were used to access damage.</p>
ACTIONS TAKEN	Chairwoman Szlosberg-Landis would like to start laying the ground work for what the committee would like to achieve and create a “to do” list along with policies to assist with helping NC be leaders in the community. She would like to do a forum of strategic planning work including a meeting prior to the next scheduled committee meeting in December to learn more about the Secretary’s workgroups.
ADJOURNED 4:23 PM	



ADVANCED TECHNOLOGIES COMMITTEE (ATC) AGENDA

BOARD OF TRANSPORTATION DECEMBER 5, 2018

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum	Valerie Jordan, Co-Chair	5 minutes
Opening remarks	Valerie Jordan, Co-Chair David Howard, Chief Deputy Secretary	5 minutes
Preparing for Future Technologies Work Group Update	Leadership Team Directors	30 minutes
Other Discussion	Valerie Jordan, Co-Chair	5 minutes
Adjourn	All	Adjourn



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

DATE: November 7, 2018 TIME: 3:15pm LOCATION: EIC

MEETING CALLED BY	Chairman Tony Lathrop
BOARD ATTENDEES	Chairman Tony Lathrop, Landon Zimmer, Jack Debnam, Allen Moran, Mike Alford, Mike Wells, and Pat Molamphy

AGENDA TOPICS

1. Meeting Call to Order and Approval of September 5, 2018 FAST Meeting Minutes	
DISCUSSION SUMMARY	Chairman Tony Lathrop called the Committee to order and asked for a motion to approve the meeting minutes as distributed.
ACTIONS TAKEN	A motion to approve the September 5, 2018 minutes as distributed was made by Mr. Landon Zimmer and seconded by Mr. Jack Debnam. The committee approved the meeting minutes unanimously.

2. Cash Balance Update – Evan Rodewald	
DISCUSSION SUMMARY	Evan Rodewald, Chief Financial Officer provided an update on the Department's cash balance. The month ending cash balance for September was our first official month below the billion-dollar threshold. At the end of September, our cash balance was \$955 million. The unofficial cash balance number as of October 30 th that was \$715 million. We are focusing on implementing the Build NC Bond program. The CFO shared that today he signed the letter that will officially notify the Treasurer and the General Assembly that we request our first Bond issuance in May 2019.
ACTIONS TAKEN	None taken

3. Discussion of Future Transportation Funding and Investments – Chairman Lathrop	
DISCUSSION SUMMARY	Chairman Tony Lathrop provided an overview and held discussion on future transportation funding and investments. The committee's charge is to look at month to month metrics and think about the future including innovative financial ideas for funding and revenue. Over the course of the next 2 years explore creative financing and revenue reform. Budget regulated finances over 1-2-year term, the STIP which provides the blueprint for the 5-year and 10-year capital program, and the Long-Range Plan. Working together with input and oversight from the FAST Committee, members can help the State chart the course for the future of transportation funding. Secretary Trogdon plans to create a task force to study funding needs



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

	<p>and ideas. Chairman Lathrop would like the committee to have a significant role in looking at these topics and ideas.</p> <p>Chairman Lathrop highlighted potential topics for FAST which include: long range plan, summary of revenue ideas presented to FAST over past 2 years, future of federal aid, vehicle miles-traveled taxes (VMT), report on legislative actions in other states, highway cost allocation and revenue study, presentations on unmet needs in areas of construction, maintenance, and modes, regional needs, and more.</p>
ACTIONS TAKEN	None taken

4. North Carolina Statewide Transportation Plan – Kerry Morrow	
DISCUSSION SUMMARY	<p>Kerry Morrow provided a presentation on the North Carolina Statewide Transportation Plan. The North Carolina Statewide Transportation Plan is a long range multimodal high-level transportation plan and a policy-based plan to set long-term priorities for the Department. The presentation highlighted the importance of the long-range plan which is decision making. The plan is federally mandated and a tool to practice planning in thinking strategically for the future.</p> <p>The question was raised, "why do we think ahead?" The answer conveyed is population.</p> <p>The 2040 North Carolina Statewide Transportation Plan was adopted in 2012. The plan identified the Department's needs for all different modes, it provided estimates on what our needs are in terms of money and researched what funding would be available.</p> <p>Areas still valid from that plan: strategic transportation corridors, revenue forecast – funding shortfall, responsiveness to MPO/RPO's – DPE/CDE, project delivery, freight initiatives, and NC Build.</p> <p>Challenges highlighted include matching increasing costs which have limited growth in motor fuel tax receipts, perceived resistance to increases in motor fuel tax rates, uncertain federal funding due to lack of reauthorization and constraints on the federal highway trust fund.</p> <p>Revenue scenarios studied in the 2040 Plan: supplementing existing taxes/fees with interstate highway tolling, replacing motor fuel tax with VMT fees, enhancing revenue sources, supplementing existing taxes/fees with new revenue sources.</p> <p>The NC Moves 2050 Plan enhances the multimodal vision, establishing better hierarchy of plans, develop public outreach, performance measures, scenario planning, and interim solutions.</p>
ACTIONS TAKEN	None taken



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

5.	
DISCUSSION SUMMARY	Meeting Adjourned at 4:15pm
ACTIONS TAKEN	None taken



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 5, 2018

TIME: 11:00 AM

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Meeting Minutes Update <ul style="list-style-type: none"> · Approval of November 7, 2018 meeting minutes 	Tony Lathrop, Chair	11:00am
Cash Balance Update	Evan Rodewald	11:05am
Criteria for Evaluating Potential Revenue Sources	Burt Tasaico	11:10am
Adjourn	Tony Lathrop, Chair	Adjourn



NORTH CAROLINA Department of Transportation



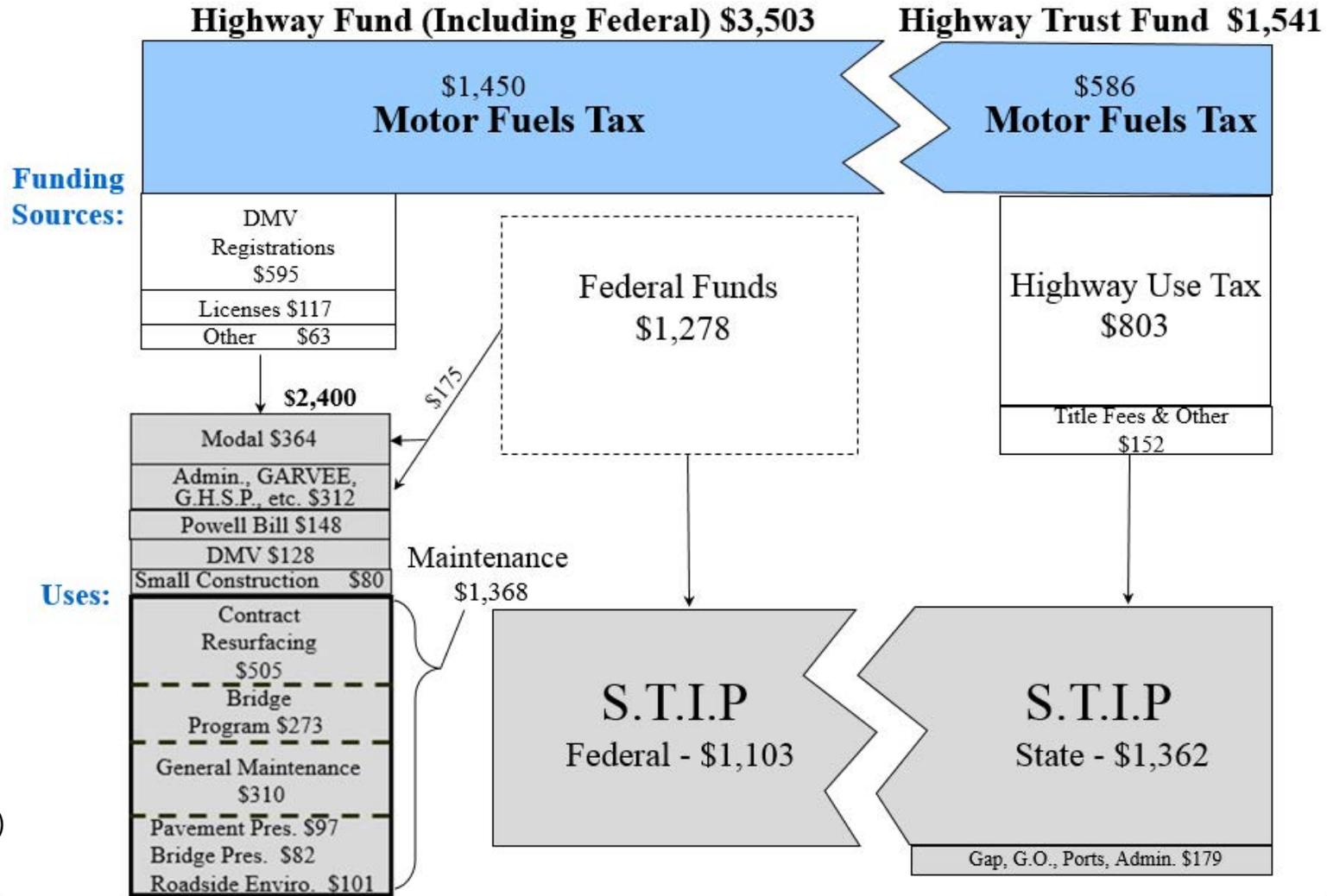
Financial Update

As of October 2018

Evan Rodewald, Chief Financial Officer

December 5, 2018

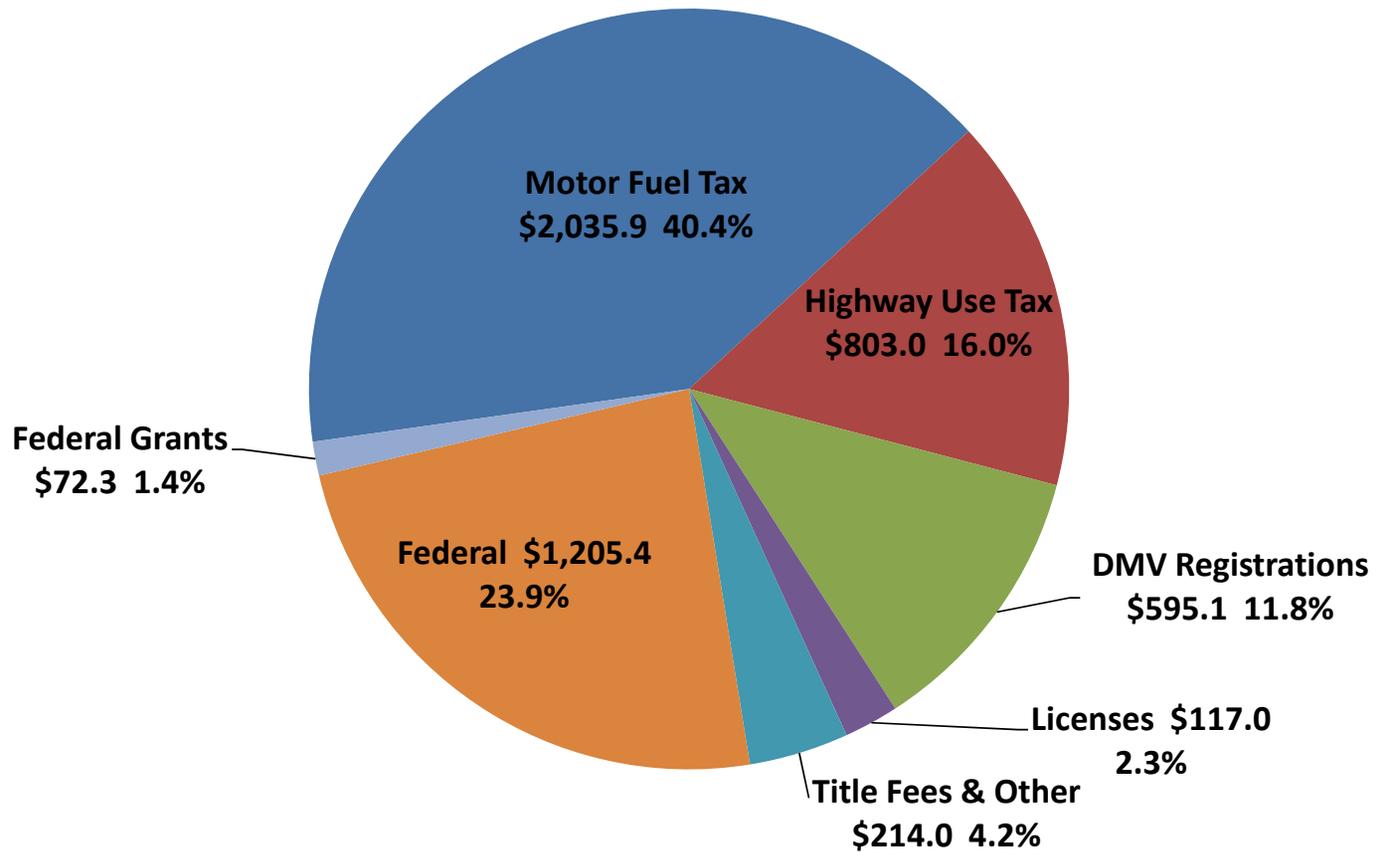
Highway Fund and Highway Trust Fund Budget, SFY 2018-19



(\$ in millions)

NCDOT Revenue Sources SFY2019 - \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)

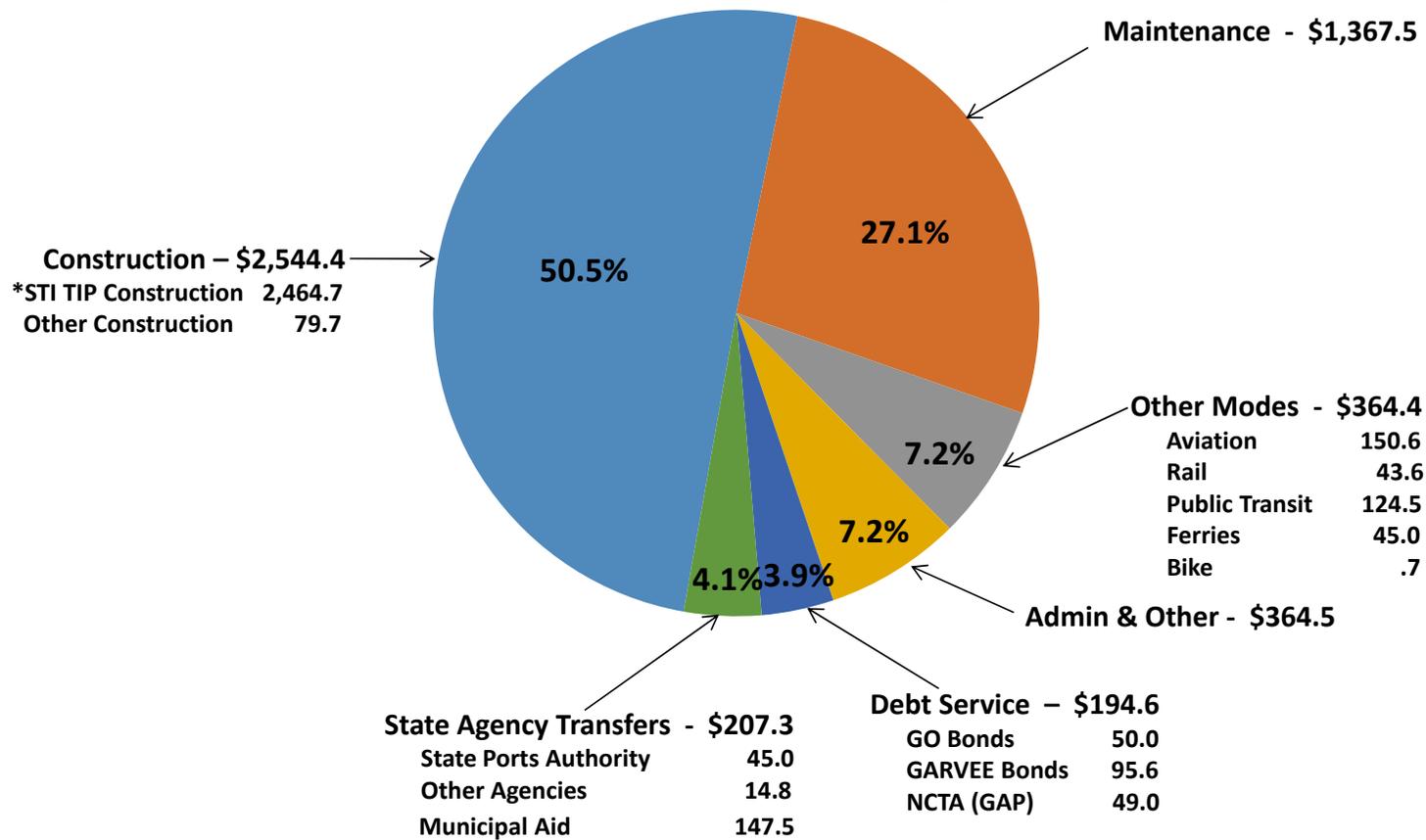


(\$ in millions)

Uses of 2018-19 NCDOT Appropriations

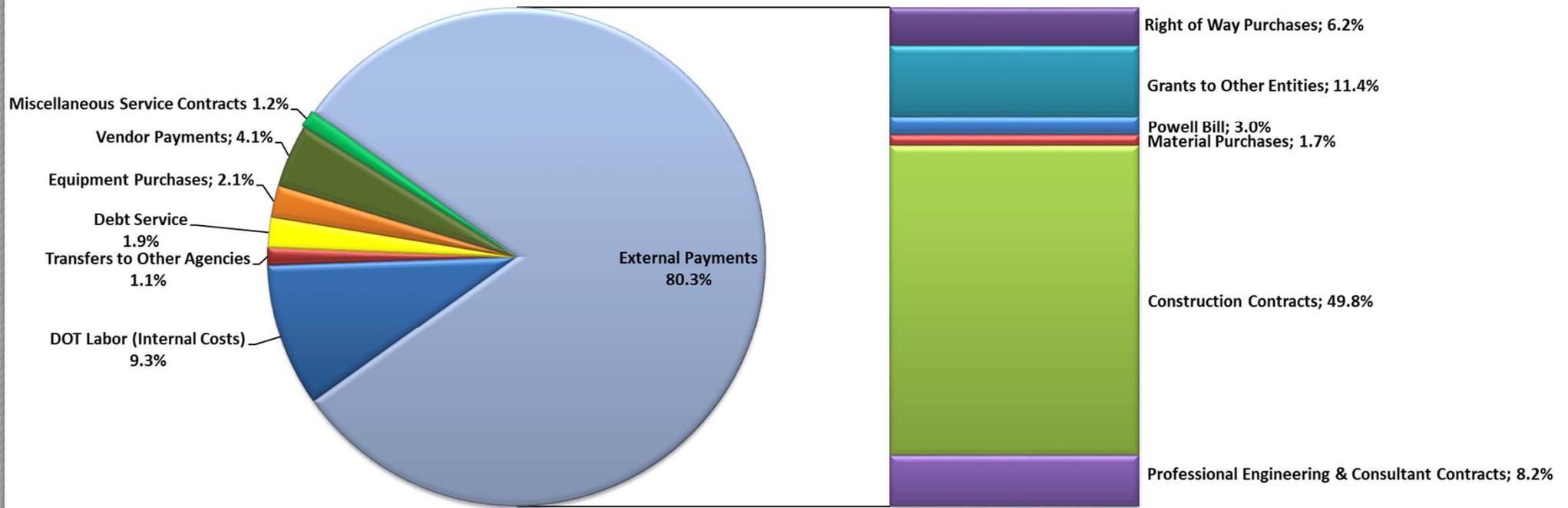
Total Funding = \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)

NCDOT Expenditures SFY2019 as of October 31, 2018



Revenue Summary October 2018

(\$ in Millions)

	October 2018	October 2017	Year Over Year				2018-2019 SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
State & Federal Collections*:								
State Highway Fund Revenues	\$ 178.0	\$ 170.9	\$ 745.4	\$ 723.1	\$ 22.4	3%	2,224.5	34%
State Highway Trust Fund Revenues	136.5	125.6	530.8	513.4	17.3	3%	1,540.5	34%
Total State Funds	314.5	296.5	1,276.2	1,236.5	39.7	3%	\$ 3,765.0	34%
Federal Funds/Participation	112.7	79.6	437.5	421.3	16.3	4%	1,277.7	34%
GARVEE Bond Proceeds	-	12.9	-	24.4	(24.4)		N/A	N/A
Total	\$ 427.2	\$ 389.0	\$ 1,713.7	\$ 1,682.2	\$ 31.6	2%	\$ 5,042.7	34%
Highway Fund & Trust Fund Details								
	October 2018	October 2017	Year Over Year				SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
Motor Fuel Taxes	\$ 163.1	\$ 160.7	\$ 702.4	\$ 675.3	\$ 27.1	4%	\$ 2,035.9	35%
Highway Use Tax	70.4	64.4	274.6	264.8	9.8	4%	803.0	34%
DMV/Other Revenue	79.3	69.3	293.7	289.8	3.8	1%	913.1	32%
Investment Income	1.6	2.1	5.6	6.6	(1.0)		13.0	43%
Total Revenue	\$ 314.5	\$ 296.5	\$ 1,276.2	\$ 1,236.5	\$ 39.7	3%	\$ 3,765.0	34%

*Excludes NCTA Revenues

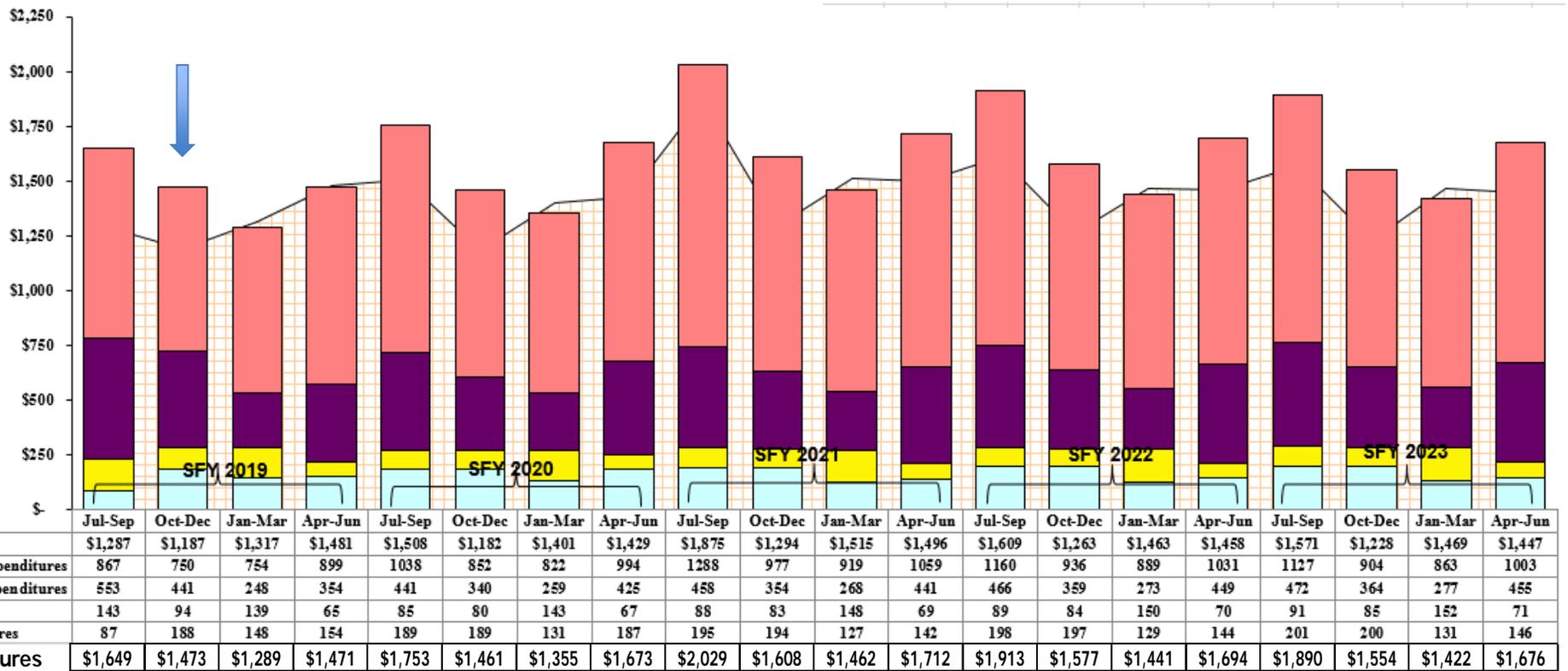
Expenditure Summary October 2018

(\$ in millions)

			Year Over Year				SFY Annual Budget	
	October-18	October-17	2018-2019 Actual	2017-2018 Actual	\$ Δ	% Δ	2018-2019 Budget	%
State & Federal Funded Programs:								
Construction	\$ 290.3	\$ 268.6	\$ 1,143.7	\$ 967.3	\$ 176.5	18%	\$ 2,544.4	45%
Maintenance	206.8	147.6	759.8	574.5	185.3	32%	1,367.5	56%
Other Modes	44.4	17.5	187.0	105.7	81.3	77%	364.4	51%
Administration/Other Programs	27.2	24.7	13.2	28.4	(15.2)	NA	364.5	4%
Debt Service (Including NCTA GAP funds)	-	-	26.0	22.8	3.2	0%	194.6	13%
Municipal Aid	-	-	73.7	73.7	(0.1)	0%	147.5	50%
Transfers to Other Agencies	13.9	13.7	28.2	27.6	0.7	0%	59.8	47%
Total Expenditures*	\$ 582.6	\$ 472.1	\$ 2,231.6	\$ 1,800.0	\$ 431.6	24%	5,042.7	44%

*Excludes NCTA Expenditures

60 Month Revenue & Expenditure Projections as of October 2018



Financial Update

SFYTD 2019 as compared SFYTD 2018

(\$ in millions)

	October '18	October '17	YTD 2019	YTD 2018	\$ Change
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 427	\$ 389	\$ 1,714	\$ 1,682	\$ 32
Expenditures	<u>583</u>	<u>472</u>	<u>2,232</u>	<u>1,800</u>	<u>432</u>
Net Change	\$ (156)	\$ (83)	\$ (518)	\$ (118)	\$ (400)
<u>October '18 October '17</u>					
Cash Balances:					
Highway Trust Fund	\$ 714	\$ 1,722			
Highway Fund*	<u>22</u>	<u>237</u>			
Totals	<u>\$ 736</u>	<u>\$ 1,959</u>			

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



HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 11/7/2018 TIME: 2:10 PM – 3:00 PM LOCATION: Room 150

MEETING CALLED BY	Chairman Tarleton
BOARD ATTENDEES	Chairman Cullie Tarleton, Vice-Chair John Pope, Landon Zimmer, Patrick Molamphy, Gus Tulloss, Michael Wells, Jack Debnam, Michael Alford, Valerie Jordan.

AGENDA TOPICS

1. APPROVAL OF SEPTEMBER 5, 2018 MINUTES	
DISCUSSION SUMMARY	Motion to approve the September 5, 2018 minutes made by Member Debnam, seconded by Member Zimmer.
ACTIONS TAKEN	Motion to approve the September 5, 2018 minutes as written passed unanimously.

2. NCDOT's P6.0, MR. JASON SCHRONCE, PE, SENIOR TRANSPORTATION ENGINEER, NCDOT STRATEGIC PRIORITIZATION OFFICE	
DISCUSSION SUMMARY	<p>Mr. Jason Schronce of the Strategic Prioritization Office provided information about the prioritization process. He requested the Highway Committee's input into the P6.0 prioritization process, which will be brought before the Full Board in December. The STI law defines the funding categories and amounts, project eligibility, highway scoring criteria and funding constraints. NCDOT must approve:</p> <ul style="list-style-type: none"> - The scoring process, - Highway criteria measures and weights, - Non-highway criteria measures and weights, - Normalization (funding allocation between transportation modes), and - Local input points. <p>P5.0 measures used Highway criteria which include Congestion, Freight, Safety, Benefit-Cost, Accessibility/Connectivity, Economic Competitiveness and Pavement Condition. Division and MPO/RPO input were included on Regional and Division Category projects, while the Statewide Mobility category was based solely on the quantitative data.</p> <p>A survey was conducted regarding the P5.0 process to receive feedback. There were many positive comments about what worked well including the coordination between NCDOT and the MPO/RPOs, trust in the data by elected officials, and scoring for safety, congestion, freight and benefit/cost.</p>



HIGHWAYS COMMITTEE MEETING MINUTES

	<p>Considerations for the P6.0 prioritization process include but are not limited to: resiliency, travel time savings, future interstate completion, and changing transportation technologies.</p>
<p>ACTIONS TAKEN</p>	<p>None taken</p>
<p>3. NCDOT'S STORM RECOVERY – FLORENCE AND MICHAEL EVENTS, MRS. EMILY MCGRAW, PE, NCDOT STATE MAINTENANCE ENGINEER</p>	
<p>DISCUSSION SUMMARY</p>	<p>Mrs. Emily McGraw, NCDOT State Maintenance Engineer, provided a presentation on the status of the NCDOT recovery efforts related to Hurricanes Florence and Michael.</p> <ul style="list-style-type: none"> - Following Hurricane Florence, NCDOT had about 3500 damage sites, with approximately 2640 of those on FEMA routes (secondary roads) and about 850 that were on FHWA routes. The anticipated cost to DOT from the damage from Florence is \$81M, after reimbursements from FEMA and FHWA. - Hurricane Michael was primarily a wind event that also included flash flooding. NCDOT had 79 sites damaged by Michael, 57 of which were FEMA sites and 22 FHWA sites. NCDOT will likely not receive any reimbursements from FEMA for damages caused by Michael, as we will not meet the damage threshold of \$13M statewide. However, it is anticipated that NCDOT will receive about \$1.8M from FHWA. The anticipated cost to DOT from the damage from Michael is \$5.7M.
<p>ACTIONS TAKEN</p>	<p>None taken</p>



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 5, 2018

TIME: 2:10 PM – 3:00 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 7, 2018 Meeting Minutes	Cullie Tarleton, Chair	2:10 pm
Fair Share in Development and Transportation Improvements	J. Kevin Lacy, P. E., NCDOT State Traffic Engineer, Transportation Mobility and Safety Division	2:15 pm
Other Discussion	Cullie Tarleton, Chair	2:45 pm
Adjourn	All	2:50 pm



NORTH CAROLINA
Department of Transportation



Fair Share in Development and Transportation Improvements

Kevin Lacy, P.E.

December 2018

Outline

- Current process
- Issues with current process
- NCDOT Fair Share Report
- Florida Reports
- Concept of Fair Share
- Example – Brier Creek (northwest Wake County)
- Way Forward

Current Process

Cost impacts of transportation improvements for multiple developments that impact the same roadways:

- In locations where there is limited infrastructure, the first developer often carries a larger requirement

Current Process

Cost impacts of transportation improvements for multiple developments that impact the same roadways:

- In locations where the system is more developed, the issue often is which development creates the breakdown

Current Process

Cost impacts of transportation improvements for multiple developments that impact the same roadways:

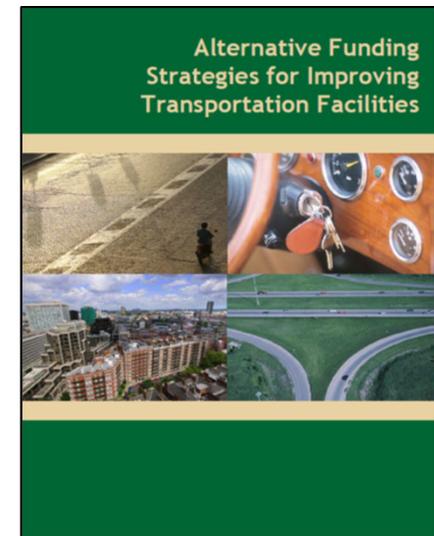
- When a new development is analyzed, developers are required to consider the traffic generated by every approved development that preceded them, even if previously approved developments have not started construction

Current Process

- Local land development ordinances
 - Can be different between municipalities and/or counties
 - Local requirements can exceed those required by NCDOT
- Timing Can Be A Driving Factor
 - Some Developers can wait while others cannot
 - Depending on the location, the decisions can be more complicated and take more time.
 - Proximity to TIP Projects

NCDOT Fair Share Report (1 of 7)

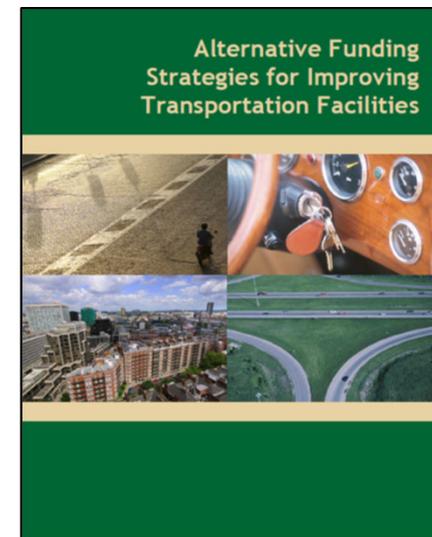
- December 2006
- A major concern is how to achieve equity of contributions among private developers
- How to assure that the public continues to pay its fair share toward transportation improvement needs
- The study considered a variety of possibilities, including certain public private partnerships, alternative financing strategies, and regulatory methods.
- Six (6) specific options were examined



NCDOT Fair Share Report (2 of 7)

Transportation Corporations (Usually Project Specific)

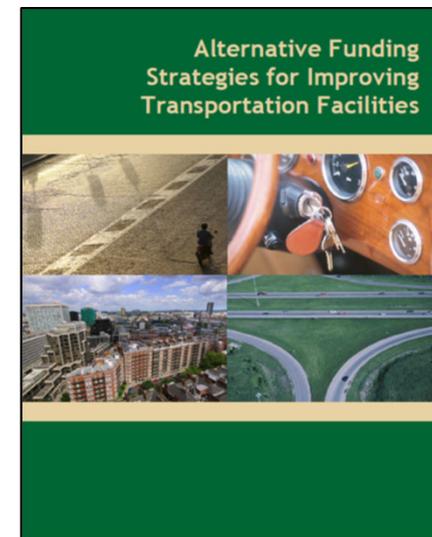
- Formed by private individuals and local governments
- Not for profit; may issue bonds/notes and borrow money
- May purchase land and receive land contributions
- Governed by a Board of Directors under a state transportation oversight
- Focus is to plan, develop, and complete or expedite major transportation projects



NCDOT Fair Share Report (3 of 7)

Transportation Improvement Districts

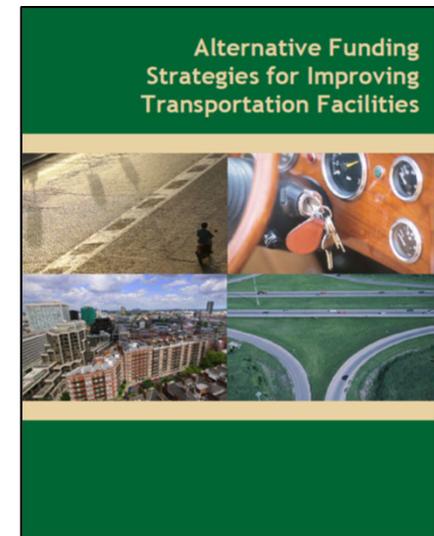
- Special taxing and funding district for improving transportation infrastructure and services in a specific area
- Provide a forum for achieving cooperation among local and state government agencies for a common purpose
- Authority to impose taxes or special assessments, issue bonds, and enter into contracts
- Can be project specific or regional with many projects.
- Assessments can vary based on “added” value to specific parcels.



NCDOT Fair Share Report (4 of 7)

Tax Increment Financing

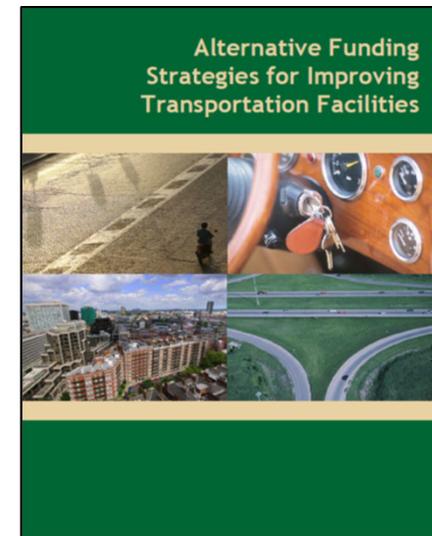
- Based on anticipated growth in property tax revenues resulting from redevelopment
- Generally used to encourage developers to improve economically depressed or undeveloped areas
- Bonds may be used to pay for costs, or developers may be reimbursed as revenues become available
- North Carolina has a limited form of this in the Project Development Financing Act (Article 6 of General Statute Chapter § 159)



NCDOT Fair Share Report (7 of 7)

Fair Share Mitigation

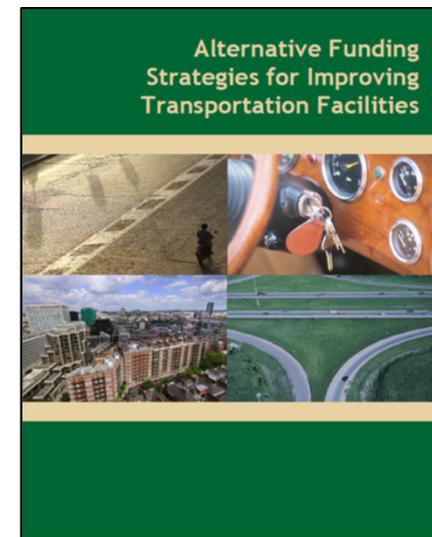
- Traffic impact assessment process
- Goal is to maintain a certain level of service and safety
- Ensures new development contributes its fair share for improvements necessitated by the additional traffic generated by the developments
- Can include land for right-of-way, money (fees), construction of an improvement, and/or other infrastructure improvements needed to address existing deficiencies
- Requires a “Banker” to manage and track monies, and necessary improvements
- Requires a detailed set of rules to govern process



NCDOT Fair Share Report (5 of 7)

Transportation Impact Fees

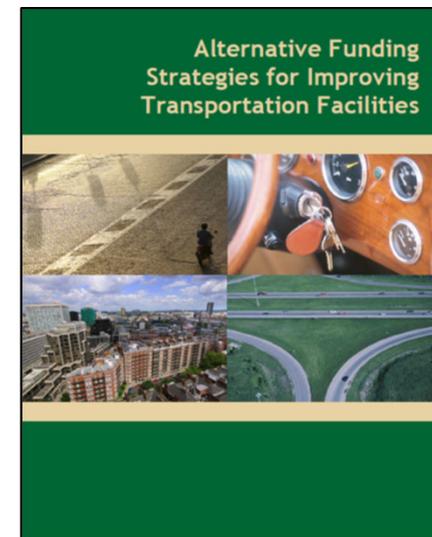
- Imposed by governments on new development to recoup and/or offset a proportionate share of public capital costs required to accommodate the development
- May be assessed for a variety of capital improvement needs related to the development
- Can be structured as a simple fee and can be associated with a local transportation plan



NCDOT Fair Share Report (6 of 7)

Transportation Concurrency

- Policy intended to ensure necessary public facilities and services are available concurrent with development impacts
- Government agencies define adequate level of service and decide if it is exceeded
- If exceeded, developers must provide necessary improvements, provide money towards such improvements, or wait until government provides the improvements



Florida Reports

Timeline

- 2006 (December) – 1st Report (funding options)
- 2007 (September) – 2nd Report (concurrency adopted by legislation: Chapter 163, Part II, State Growth Management Act)
- 2009 (November) – 3rd Report (mobility fee concept evaluated, concurrency suspended in dense urban areas)
- 2016 (November) – 4th Report (mobility fee for transit, overall dissatisfaction with concurrency), Community Renewal Act

Concept of Fair Share

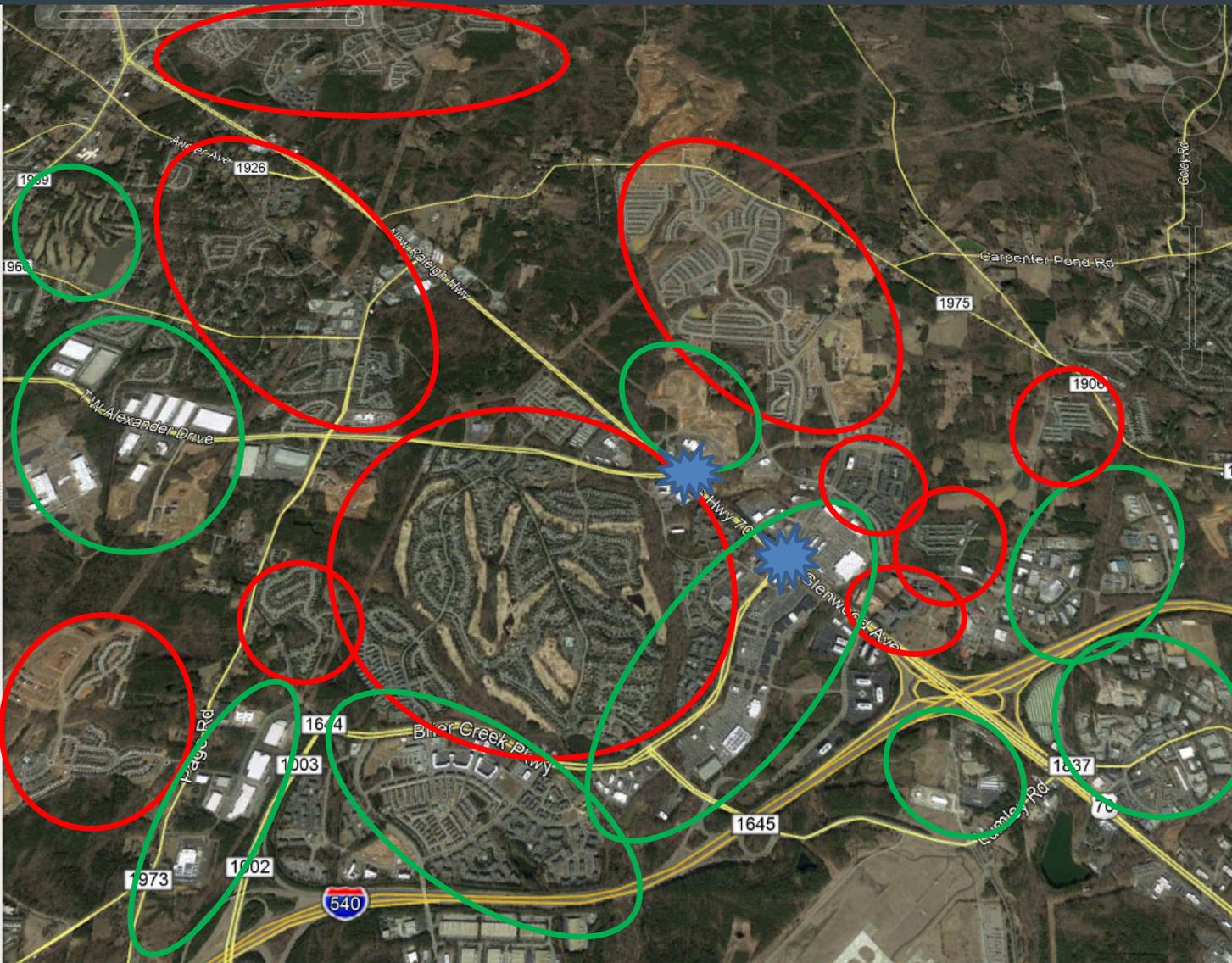
- Exists in other infrastructure items
 - Water and sewer
- Developers often extend infrastructure to new areas with larger capacity than what's required
 - Base measure is cubic feet of water carried by a pipe
 - Reimbursed with tapping fees of other developers
- Extend a similar process to transportation
 - Roadways are “pipes”
 - Intersections are “taps”
 - Cars and other road users are the “water”



**Example:
Brier Creek – 1993**

-  Residential
-  Commercial

**US 70 is mainly green space
with mostly through traffic.**



**Example:
Brier Creek – 2018**

-  Residential
-  Commercial
-  DOT Projects

US 70 now has many vehicle turning issues that have been introduced by development.

Two large projects have been developed to address congestion – who should pay?

This is happening all across the state.

Proposed Next Steps

- Stand-up BOT ad-hoc committee to explore and refine
- Further refine what is right for North Carolina
 - Study areas (how defined?)
 - Local versus state (property development and impacts extend beyond local boundaries)
 - Base measurement (traffic volume, peak, seasonal, etc.)
 - Benchmark (level of service?, how bad or how good? to what extent?)
 - Who keeps track of impacts and reimbursements required?
 - Legal authority (not for state, only for municipalities and counties)

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 4

* B-6050	SR 2137 (PITTMAN ROAD) SR 2130 (E MAIN STREET) SR	RIGHT-OF-WAY	FY 2021 -	\$1,500,000	(NHPB)
JOHNSTON	2339 (BAGLEY ROAD), REPLACE BRIDGE 500109 SR	CONSTRUCTION	FY 2021 -	<u>\$15,000,000</u>	(NHPB)
PROJ.CATEGORY	2137 (PITTMAN ROAD) OVER I-95, BRIDGE 500110 SR			\$16,500,000	
DIVISION	2130 (EAST MAIN STREET) OVER I-95, AND BRIDGE 500112 SR 2339 (BAGLEY ROAD) OVER I-95.				
	<u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>				

DIVISION 9

* EB-5960	SR 1101 (HARPER ROAD), CONSTRUCT SIDEWALK AND	ENGINEERING	FY 2019 -	\$100,000	(STBG)
FORSYTH	CROSSWALKS WHERE GAPS EXIST BETWEEN JERRY		FY 2019 -	\$25,000	(L)
PROJ.CATEGORY	LONG YMCA ON PEACEHAVEN ROAD TO	CONSTRUCTION	FY 2020 -	\$130,000	(STBG)
DIVISION	ROUNDAABOUT WEST OF FRANK MORGAN ELEMENTARY SCHOOL IN CLEMMONS.		FY 2020 -	\$771,000	(STBGDA)
			FY 2020 -	<u>\$225,000</u>	(L)
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>				
				\$1,251,000	

* U-6156	NEW ROUTE, CONSTRUCT ACCESS ROAD TO SR 3000	CONSTRUCTION	FY 2020 -	\$1,000,000	(APD)
FORSYTH	(IDOLS ROAD)		FY 2020 -	\$100,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF DIVISION TO</u>		FY 2020 -	\$1,976,000	(L)
EXEMPT	<u>REFLECT APPROVAL OF FUNDING FOR PROJECT BY</u> <u>APPALACHIAN REGIONAL COMMISSION</u>			\$3,076,000	

DIVISION 10

* U-5808A	SR 1362 (CHESTNUT LANE CONNECTOR), SR 1362	RIGHT-OF-WAY	FY 2019 -	\$1,700,000	(T)
UNION	(CHESTNUT LANE CONNECTOR), SR 1367 (MATTHEWS	UTILITIES	FY 2019 -	\$50,000	(T)
PROJ.CATEGORY	INDIAN TRAIL ROAD) TO SR 1368 (GRIBBLE ROAD) AND	CONSTRUCTION	FY 2021 -	<u>\$10,000,000</u>	(T)
DIVISION	IMPROVEMENTS TO THE EXISTING US 74 / SR 1362 (CHESTNUT LANE CONNECTOR) INTERSECTION.			\$11,750,000	
	<u>SEGMENT ADDED AT REQUEST OF DIVISION</u>				

* U-5808B	SR 1362 (CHESTNUT LANE CONNECTOR), SR 1362	ENGINEERING	FY 2019 -	\$500,000	(O)
UNION	(CHESTNUT LANE CONNECTOR), SR 1368 (GRIBBLE	RIGHT-OF-WAY	FY 2019 -	\$500,000	(O)
	ROAD) TO SR 1009 (OLD MONROE ROAD).	CONSTRUCTION	FY 2019 -	\$4,000,000	(O)
	<u>SEGMENT ADDED AT REQUEST OF DIVISION</u>	IMPLEMENTATION	FY 2022 -	<u>\$5,000,000</u>	(BA)
				\$10,000,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 13

* I-2513D	SR 1477 (RIVERSIDE DRIVE), NC 251/SR 1781	RIGHT-OF-WAY	FY 2020 -	\$1,200,000	(STBG)
BUNCOMBE	(BROADWAY) TO I-40/SR 1231 (HILL STREET)	UTILITIES	FY 2020 -	\$500,000	(STBG)
PROJ.CATEGORY	<u>ADD SEGMENT TO I-2513, PROJECT FORMERLY</u>	CONSTRUCTION	FY 2020 -	\$2,600,000	(STBG)
DIVISION	<u>IDENTIFIED AS U-5868.</u>		FY 2021 -	\$2,600,000	(STBG)
			FY 2022 -	\$2,600,000	(STBG)
				<u>\$9,500,000</u>	

DIVISION 14

* R-5735A	END OF 4-LANE DIVIDED SECTION TO SR 1556	CONSTRUCTION	2019	<u>\$100,000</u>	(T)
CHEROKEE	(MARTINS CREEK ROAD). IMPROVE ROADWAY -			\$100,000	
PROJ.CATEGORY	CLEARING ONLY.				
DIVISION	<u>ADD SEGMENT AT REQUEST OF DIVISION.</u>				

* R-5742A	GEORGIA STATE LINE TO US 64. UPGRADE	CONSTRUCTION	2019	<u>\$300,000</u>	(T)
CLAY	ROADWAY - CLEARING ONLY.			\$300,000	
PROJ.CATEGORY	<u>ADD PROJECT AT REQUEST OF DIVISION</u>				
DIVISION					

STIP MODIFICATIONS

DIVISION 1

R-2582A	US 158/NC 46, I-95/NC 46 IN ROANOKE RAPIDS TO SR	BUILD NC CONST	FY 2020 -	\$858,000	(T)
NORTHAMPTON	1312 (ST. JOHN CHURCH ROAD) IN NORTHAMPTON		FY 2021 -	\$858,000	(T)
PROJ.CATEGORY	COUNTY.		FY 2022 -	\$858,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2023 -	\$858,000	(T)
	<u>DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>		FY 2024 -	\$858,000	(T)
			FY 2025 -	\$858,000	(T)
			FY 2026 -	\$858,000	(T)
			FY 2027 -	\$858,000	(T)
			FY 2028 -	\$858,000	(T)
			FY 2029 -	\$858,000	(T)
			POST YR-	\$4,290,000	(T)
		CONSTRUCTION	FY 2020 -	\$13,850,000	(T)
			FY 2021 -	\$13,850,000	(T)
			FY 2022 -	\$13,850,000	(T)
			FY 2023 -	\$13,850,000	(T)
				<u>\$68,270,000</u>	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 2

* B-4603	SR 1715 (JACK JONES ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2020 -	\$90,000	(STBGOFF)
PITT	730029 OVER FORK SWAMP.	CONSTRUCTION	FY 2021 -	\$900,000	(STBGOFF)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$990,000	
DIVISION	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>				

R-2513A	US 17, NC 43 TO SR 1438 (SPRUILL TOWN ROAD).	BUILD NC ROW	FY 2020 -	\$257,000	(T)
CRAVEN	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2021 -	\$257,000	(T)
PROJ.CATEGORY	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</u>		FY 2022 -	\$257,000	(T)
DIVISION	<u>AND CONSTRUCTION FROM FY 21 TO FY 22.</u>		FY 2023 -	\$257,000	(T)
			FY 2024 -	\$257,000	(T)
			FY 2025 -	\$257,000	(T)
			FY 2026 -	\$257,000	(T)
			FY 2027 -	\$257,000	(T)
			FY 2028 -	\$257,000	(T)
			FY 2029 -	\$257,000	(T)
			POST YR-	\$1,285,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$1,600,000	(T)
		UTILITIES	FY 2020 -	\$300,000	(T)
			FY 2021 -	\$300,000	(T)
		CONSTRUCTION	FY 2022 -	\$2,275,000	(T)
			FY 2023 -	\$2,275,000	(T)
			FY 2024 -	\$2,275,000	(T)
			FY 2025 -	\$2,275,000	(T)
				\$15,155,000	

R-4463A	NC 43 CONNECTOR, US 17 TO SOUTH OF US 70.	RIGHT-OF-WAY	FY 2019 -	\$1,225,000	(T)
CRAVEN	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	UTILITIES	FY 2019 -	\$500,000	(T)
PROJ.CATEGORY	<u>DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>	BUILD NC CONST	FY 2020 -	\$472,000	(T)
REGIONAL			FY 2021 -	\$472,000	(T)
			FY 2022 -	\$472,000	(T)
			FY 2023 -	\$472,000	(T)
			FY 2024 -	\$472,000	(T)
			FY 2025 -	\$472,000	(T)
			FY 2026 -	\$472,000	(T)
			FY 2027 -	\$472,000	(T)
			FY 2028 -	\$472,000	(T)
			FY 2029 -	\$472,000	(T)
			POST YR-	\$2,360,000	(T)
		CONSTRUCTION	FY 2020 -	\$500,000	(T)
				\$9,305,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 3

* U-3125A US 117 (FUTURE I-795), I-40 TO SR 1006 (WEST TRADE ROAD).
DUPLIN

SAMPSON MODIFY PROJECT DESCRIPTION TO REFLECT REVISED LIMITS. SCHEDULED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY.

U-5787	SR 2715 (TRADE STREET), NC 53 (WESTERN BOULEVARD) TO MCDANIEL DRIVE IN JACKSONVILLE.	RIGHT-OF-WAY	FY 2020 -	\$1,648,000	(T)
ONSLow		UTILITIES	FY 2020 -	\$198,000	(T)
PROJ.CATEGORY	CONSTRUCT ROADWAY ON NEW LOCATION.	CONSTRUCTION	FY 2022 -	<u>\$1,511,000</u>	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 21 TO FY 22.</u>			\$3,357,000	

U-5932	US 17, NC 211. CONVERT INTERSECTION TO INTERCHANGE.	RIGHT-OF-WAY	FY 2020 -	\$10,000,000	(T)
BRUNSWICK			FY 2021 -	\$10,000,000	(T)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 20.</u>	UTILITIES	FY 2020 -	\$5,200,000	(T)
STATEWIDE			FY 2021 -	\$5,200,000	(T)
		CONSTRUCTION	FY 2025 -	\$6,667,000	(T)
			FY 2026 -	\$6,667,000	(T)
			FY 2027 -	<u>\$6,666,000</u>	(T)
				\$50,400,000	

DIVISION 4

* U-3125 US 117 (FUTURE I-795), NORTH OF SR 1135 (COUNTRY CLUB ROAD) TO I-795. UPGRADE ROADWAY TO INTERSTATE STANDARDS, PART ON NEW LOCATION.
DUPLIN

SAMPSON MODIFY PROJECT DESCRIPTION TO REFLECT CURRENT STUDY AREA. SEE PROJECT BREAKS FOR FUNDING AND SCHEDULES.
WAYNE

* U-3125B US 117 (FUTURE I-795), SR 1006 (WEST TRADE STREET) TO NORTH OF SR 1135 (COUNTRY CLUB ROAD).
DUPLIN

WAYNE MODIFY PROJECT DESCRIPTION TO REFLECT REVISED LIMITS. SCHEDULED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY.

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 4

* U-3125C	US 117 (FUTURE I-795), NORTH OF SR 1135 (COUNTRY CLUB ROAD) TO SOUTH OF SR 1129 (SOUTH LANDFILL ROAD).	RIGHT-OF-WAY	FY 2025 -	\$800,000	(T)
WAYNE		UTILITIES	FY 2025 -	\$500,000	(T)
PROJ.CATEGORY		CONSTRUCTION	FY 2027 -	\$4,875,000	(T)
REGIONAL	<u>MODIFY PROJECT DESCRIPTION TO REFLECT REVISED LIMITS.</u>		FY 2028 -	\$4,875,000	(T)
			FY 2029 -	\$4,875,000	(T)
				\$15,925,000	

* U-3125D	US 117 (FUTURE I-795), SOUTH OF SR 1129 (SOUTH LANDFILL ROAD) TO SOUTH OF SR 1927 (GENOA ROAD).	RIGHT-OF-WAY	FY 2025 -	\$3,400,000	(T)
WAYNE		UTILITIES	FY 2025 -	\$600,000	(T)
PROJ.CATEGORY		CONSTRUCTION	FY 2027 -	\$7,776,000	(T)
REGIONAL	<u>MODIFY PROJECT DESCRIPTION TO REFLECT REVISED LIMITS.</u>		FY 2028 -	\$7,776,000	(T)
			FY 2029 -	\$7,776,000	(T)
			POST YR-	\$12,651,000	(T)
				\$39,979,000	

* U-3125E	US 117 (FUTURE I-795), SOUTH OF SR 1927 (GENOA ROAD) TO SOUTH OF NC 581 (ARRINGTON BRIDGE ROAD).	RIGHT-OF-WAY	FY 2028 -	\$7,200,000	(T)
WAYNE		UTILITIES	FY 2028 -	\$900,000	(T)
PROJ.CATEGORY		CONSTRUCTION	POST YR-	\$54,300,000	(T)
REGIONAL	<u>MODIFY PROJECT DESCRIPTION TO REFLECT REVISED LIMITS.</u>			\$62,400,000	

* U-3125F	US 117 (FUTURE I-795), SOUTH OF NC 581 (ARRINGTON BRIDGE ROAD) TO I-795.	RIGHT-OF-WAY	FY 2028 -	\$5,266,000	(T)
WAYNE			FY 2029 -	\$5,267,000	(T)
PROJ.CATEGORY	<u>MODIFY PROJECT DESCRIPTION TO REFLECT REVISED LIMITS.</u>		POST YR-	\$5,267,000	(T)
REGIONAL		UTILITIES	FY 2028 -	\$900,000	(T)
		CONSTRUCTION	POST YR-	\$94,600,000	(T)
				\$111,300,000	

DIVISION 5

U-5529	SR 1115 (AVENT FERRY ROAD), WEST OF SR 1101 (PINEY GROVE - WILBON ROAD) TO VILLAGE WALK DRIVE IN HOLLY SPRINGS. OPERATIONAL IMPROVEMENTS.	CONSTRUCTION	FY 2019 -	\$1,584,000	(STBGDA)
WAKE			FY 2019 -	\$396,000	(L)
PROJ.CATEGORY				\$1,980,000	
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				

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* INDICATES FEDERAL AMENDMENT

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DIVISION 5

U-5618	SR 3014 (MORRISVILLE- CARPENTER ROAD), SR 1613	CONSTRUCTION	FY 2019 -	\$4,924,000	(STBGDA)
WAKE	(DAVIS DRIVE) TO WEST OF NC 54 IN MORRISVILLE.		FY 2019 -	\$2,110,000	(L)
PROJ.CATEGORY	WIDEN TO 4-LANE DIVIDED FACILITY.			\$7,034,000	
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				

DIVISION 6

R-4428	NC 711, SR 1340 (ODOM STREET-PHILADELPHUS	RIGHT-OF-WAY	FY 2020 -	\$4,700,000	(T)
ROBESON	ROAD) IN PEMBROKE TO SR 1557 (REDMOND ROAD).	UTILITIES	FY 2020 -	\$1,300,000	(T)
PROJ.CATEGORY	WIDEN TO MULTI-LANES.	CONSTRUCTION	FY 2022 -	\$7,000,000	(T)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>			\$13,000,000	

R-5020A	US 701 BYPASS, SR 1166 (PLEASANT PLAINS ROAD) TO	CONSTRUCTION	FY 2020 -	\$10,933,000	(T)
COLUMBUS	SR 1437 (VIRGIL AVENUE).		FY 2021 -	\$10,933,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2022 -	\$10,934,000	(T)
REGIONAL				\$32,800,000	

R-5020B	US 701 BYPASS, SR 1437 (VIRGIL AVENUE) TO US	CONSTRUCTION	FY 2020 -	\$10,750,000	(T)
COLUMBUS	74/US 76.		FY 2021 -	\$10,750,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>			\$21,500,000	
DIVISION					

R-5751	US 74, NC 72/NC 130. UPGRADE AT-GRADE	RIGHT-OF-WAY	FY 2020 -	\$100,000	(T)
ROBESON	INTERSECTION TO INTERCHANGE.	CONSTRUCTION	FY 2022 -	\$6,866,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2023 -	\$6,867,000	(T)
REGIONAL			FY 2024 -	\$6,867,000	(T)
				\$20,700,000	

* U-5605	SR 4202 (ODELL ROAD), FORT BRAGG BOUNDARY TO	RIGHT-OF-WAY	FY 2019 -	\$1,000,000	(STBG)
CUMBERLAND	NC 24/NC 87 (BRAGG BOULEVARD) IN SPRING LAKE.	UTILITIES	FY 2019 -	\$500,000	(STBG)
PROJ.CATEGORY	WIDEN TO MULTI-LANES, PART ON NEW LOCATION.	CONSTRUCTION	FY 2020 -	\$11,000,000	(STBG)
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>			\$12,500,000	

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DIVISION 7

* B-5356 GUILFORD PROJ.CATEGORY STATEWIDE	I-40 / BUSINESS 85 / US 29 / US 70 / US 220, REPLACE BRIDGE 400299 OVER SOUTH BUFFALO CREEK IN GREENSBORO. <u>TO ALLOW TIME TO COORDINATE WITH PROJECT I-5965, DELAY CONSTRUCTION FROM FY 19 TO FY 22, AT REQUEST OF STRUCTURE MANAGEMENT UNIT.</u>	CONSTRUCTION	FY 2022 -	\$11,700,000	(NHPB)
				\$11,700,000	
B-5713 GUILFORD PROJ.CATEGORY DIVISION	WILLOW ROAD, REPLACE BRIDGE 400352 OVER I-40 / BUSINESS 85 IN GREENSBORO. <u>TO ALLOW TIME TO ADJUST CROSS SECTION AND COMBINE LETTING WITH B-5718, DELAY CONSTRUCTION FROM FY 19 TO FY 20, AT REQUEST OF STRUCTURE MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 -	\$166,000 \$3,318,000	(NHPB) (NHPB)
				\$3,484,000	
EB-5876 GUILFORD PROJ.CATEGORY DIVISION	HOLDEN ROAD, SR 4121 (WEST GATE CITY BOULEVARD) TO NORTH OF SR 4121 (WEST GATE CITY BOULEVARD) IN GREENSBORO. CONSTRUCT SIDEWALKS. <u>TO ALLOW ADDITIONAL TIME FOR CITY TO PREPARE FOR PROJECT LETTING, DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	CONSTRUCTION	FY 2019 - FY 2019 -	\$314,000 \$79,000	(TAP) (L)
				\$393,000	
* R-5766 ROCKINGHAM	NC 65 / NC 87, WEST OF SR 2371 (OLD COUNTY HOME ROAD) IN WENTWORTH TO SR 2413 (VANCE STREET EXTENSION). UPGRADE ROADWAY. <u>REVISE PROJECT DESCRIPTION TO DELETE BREAK C AT THE REQUEST OF DIVISION OFFICE. SEE R-5766A, R-5766B AND R-5766C ENTRIES FOR MORE DETAILS.</u>				
R-5766A ROCKINGHAM PROJ.CATEGORY DIVISION	NC 65 / NC 87, WEST OF SR 2371 (OLD COUNTY HOME ROAD) IN WENTWORTH TO SR 1001 (SANDY CROSS ROAD) / SR 1998 (WENTWORTH STREET) <u>DELETE BREAK AT THE REQUEST OF DIVISION OFFICE. WORK TO BE ACCOMPLISHED UNDER PARENT PROJECT R-5766.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2022 -	\$100,000 \$1,197,000 \$1,850,000	(T) (T) (T)
				\$3,147,000	
R-5766B ROCKINGHAM PROJ.CATEGORY DIVISION	NC 65 / NC 87, SR 1001 (SANDY CROSS ROAD) / SR 1998 (WENTWORTH STREET) TO SR 2413 (VANCE STREET EXTENSION) <u>DELETE BREAK AT THE REQUEST OF DIVISION OFFICE. WORK TO BE ACCOMPLISHED UNDER PARENT PROJECT R-5766.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2022 -	\$330,000 \$237,000 \$1,673,000	(T) (T) (T)
				\$2,240,000	

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DIVISION 7

U-5893	US 311 / NC 14 (SOUTH VAN BUREN ROAD), SR 2066	RIGHT-OF-WAY	FY 2019 -	\$1,380,000	(T)
ROCKINGHAM	(KINGS HIGHWAY) IN EDEN. CONVERT AT-GRADE	UTILITIES	FY 2019 -	\$100,000	(T)
PROJ.CATEGORY	INTERSECTION TO INTERCHANGE.	CONSTRUCTION	FY 2020 -	\$5,750,000	(T)
REGIONAL	<u>TO REFLECT CORRECT RIGHT OF WAY SCHEDULE MILESTONE, DELAY RIGHT OF WAY FROM FY 18 TO FY 19 (NOTE: NO CHANGE IN ACTUAL DELIVERY SCHEDULE).</u>			\$7,230,000	

DIVISION 8

U-3400	SR 1577 / SR 1004 (ARCHDALE ROAD), US 311 (MAIN STREET) TO EAST OF SPRINGWOOD LANE IN ARCHDALE. WIDEN TO 3 LANES.	RIGHT-OF-WAY	FY 2019 -	\$5,050,000	(T)
GUILFORD			FY 2020 -	\$5,050,000	(T)
RANDOLPH		UTILITIES	FY 2019 -	\$950,000	(T)
PROJ.CATEGORY	<u>UPDATE WORK DESCRIPTION, REVERSE TERMINI AND REVISE EASTERN TERMINUS AT REQUEST OF DIVISION TO REFLECT CORRECT MILEPOSTING AND CURRENT DOCUMENT SCOPE.</u>		FY 2020 -	\$950,000	(T)
DIVISION		CONSTRUCTION	FY 2021 -	\$10,150,000	(T)
			FY 2022 -	\$10,150,000	(T)
				\$32,300,000	

* U-5864	SR 1595 / SR 4053 (SURRETT DRIVE), I-85 IN TRINITY TO SR 1300 (WEST FAIRFIELD ROAD) IN HIGH POINT. WIDEN TO MULTILANES.				
GUILFORD					
RANDOLPH	<u>DESCRIPTION REVISED TO REFLECT CURRENT PROJECT SCOPE (NOTE: SEE PART A BELOW FOR SCHEDULE).</u>				

U-5864A	SR 1595 / SR 4053 (SURRETT DRIVE), I-85 IN TRINITY TO SR 1300 (WEST FAIRFIELD ROAD) IN HIGH POINT.	RIGHT-OF-WAY	FY 2019 -	\$2,517,000	(T)
GUILFORD		UTILITIES	FY 2019 -	\$302,000	(T)
RANDOLPH	<u>DELETE PROJECT BREAK; WORK TO BE ACCOMPLISHED UNDER U-5864.</u>	CONSTRUCTION	FY 2021 -	\$10,640,000	(T)
PROJ.CATEGORY			FY 2022 -	\$10,640,000	(T)
DIVISION			FY 2023 -	\$10,640,000	(T)
				\$34,739,000	

DIVISION 9

AV-5749	DAVIDSON COUNTY AIRPORT (EXX), INSTALL RUNWAY 6 MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH RUNWAY ALIGNMENT INDICATOR LIGHTS ACROSS I-85, INCLUDING INTERCHANGE LIGHTING.	CONSTRUCTION	FY 2019 -	\$2,394,000	(T)
DAVIDSON				\$2,394,000	
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 19 TO REFLECT CURRENT PROJECT DELIVERY SCHEDULE, AT REQUEST OF DIVISION OF AVIATION.</u>				
DIVISION					

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DIVISION 9

EB-5810	BARBARA JANE AVENUE, OLD GREENSBORO ROAD TO	ENGINEERING	FY 2019 -	\$48,000	(STBG)
FORSYTH	WOODROW POWELL DRIVE IN WINSTON-SALEM.		FY 2019 -	\$12,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK.	CONSTRUCTION	FY 2020 -	\$176,000	(TAP)
DIVISION	<u>REVISE DESCRIPTION AT REQUEST OF MPO TO</u>		FY 2020 -	\$44,000	(L)
	<u>REFLECT CURRENT SCOPE</u>			\$280,000	

* U-2579AA	FUTURE I-74, WINSTON-SALEM NORTHERN BELTWAY,	GARVEE CONSTR	FY 2020 -	\$5,148,000	(NHP)
FORSYTH	EASTERN SECTION, I-74 / US 311 TO I-40		FY 2021 -	\$5,148,000	(NHP)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2022 -	\$5,148,000	(NHP)
REGIONAL	<u>THRESHOLDS.</u>		FY 2023 -	\$5,148,000	(NHP)
			FY 2024 -	\$5,148,000	(NHP)
			FY 2025 -	\$5,148,000	(NHP)
			FY 2026 -	\$5,148,000	(NHP)
			FY 2027 -	\$5,148,000	(NHP)
			FY 2028 -	\$5,148,000	(NHP)
			FY 2029 -	\$5,148,000	(NHP)
			POST YR-	\$25,740,000	(NHP)
		CONSTRUCTION	FY 2020 -	\$6,050,000	(NHP)
			FY 2020 -	\$5,000,000	(S(M))
			FY 2021 -	\$6,050,000	(NHP)
			FY 2021 -	\$5,000,000	(S(M))
			FY 2022 -	\$6,050,000	(NHP)
			FY 2022 -	\$5,000,000	(S(M))
			FY 2023 -	\$6,050,000	(NHP)
			FY 2023 -	\$5,000,000	(S(M))
				\$121,420,000	

DIVISION 10

C-5161	KANNAPOLIS, IRISH BUFFALO CREEK GREENWAY IN	CONSTRUCTION	FY 2019 -	\$2,019,000	(CMAQ)
CABARRUS	KANNAPOLIS. CONSTRUCT GREENWAY.		FY 2019 -	\$505,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$2,524,000	
EXEMPT	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>				

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DIVISION 10

* C-5613	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2019 -	\$844,000	(CMAQ)
IREDELL	AIR QUALITY IN THE CHARLOTTE REGIONAL		FY 2019 -	\$854,000	(STBGDA)
MECKLENBURG	TRANSPORTATION PLANNING ORGANIZATION (CRTPO)		FY 2019 -	\$425,000	(L)
UNION	AREA.		FY 2020 -	\$414,000	(CMAQ)
PROJ.CATEGORY	<u>ADD PRELIMINARY ENGINEERING IN FY 20, RIGHT-OF-</u>		FY 2020 -	\$104,000	(L)
EXEMPT	<u>WAY IN FY 20, AND CONSTRUCTION IN FY 20 NOT</u>	RIGHT-OF-WAY	FY 2019 -	\$844,000	(CMAQ)
	<u>PREVIOUSLY PROGRAMMED. STBG-DA FUNDS TO BE</u>		FY 2019 -	\$211,000	(L)
	<u>USED ON C-5613C, C-5613F, C-5613I, C-5613J</u>		FY 2020 -	\$414,000	(CMAQ)
			FY 2020 -	\$7,327,000	(STBGDA)
			FY 2020 -	\$1,936,000	(L)
		CONSTRUCTION	FY 2019 -	\$5,062,000	(CMAQ)
			FY 2019 -	\$1,000,000	(BA)
			FY 2019 -	\$1,265,000	(L)
			FY 2020 -	\$2,486,000	(CMAQ)
			FY 2020 -	\$622,000	(L)
			FY 2021 -	\$1,500,000	(STBGDA)
			FY 2021 -	\$375,000	(L)
		IMPLEMENTATION	FY 2019 -	\$844,000	(CMAQ)
			FY 2019 -	\$211,000	(L)
			FY 2020 -	\$414,000	(CMAQ)
			FY 2020 -	\$104,000	(L)
		OPERATIONS	FY 2019 -	\$844,000	(CMAQ)
			FY 2019 -	\$211,000	(L)
			FY 2020 -	\$414,000	(CMAQ)
			FY 2020 -	\$104,000	(L)
				\$28,829,000	
EB-4717	LOCUST, CONSTRUCT BIKE/PEDESTRIAN TRAIL ALONG	CONSTRUCTION	FY 2019 -	\$250,000	(SRTS)
STANLY	TOWN SEWER EASEMENTS IN LOCUST.			\$250,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
TRANSITION	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>				
* EB-5777	CORNELIUS, MCDOWELL CREEK TRIBUTARY	RIGHT-OF-WAY	FY 2020 -	\$300,000	(STBGDA)
MECKLENBURG	GREENWAY; CONSTRUCT GREENWAY FROM		FY 2020 -	\$75,000	(L)
PROJ.CATEGORY	SMITHVILLE PARK TO J.V. WASHAM ELEMENTARY.	CONSTRUCTION	FY 2022 -	\$2,100,000	(STBGDA)
DIVISION	CONSTRUCT MULTI-USE PATH ALONG		FY 2022 -	\$525,000	(L)
	WESTMORELAND ROAD TO LAKE PINES DRIVE.			\$3,000,000	
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 20</u>				
	<u>AND CONSTRUCTION FROM FY 20 TO FY 22</u>				

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DIVISION 10

EB-5781 MECKLENBURG PROJ.CATEGORY DIVISION	CHARLOTTE, STEWART CREEK GREENWAY, STATE STREET TO ROZZELLES FERRY ROAD. CONSTRUCT GREENWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 20</u>	CONSTRUCTION	FY 2020 - \$1,090,000 (STBGDA) FY 2020 - \$273,000 (L) \$1,363,000
EB-5783 MECKLENBURG PROJ.CATEGORY DIVISION	MATTHEWS, SAM NEWELL ROAD MULTI-USE PATH, NORTHEAST PARKWAY TO CROWN POINT ELEMENTARY SCHOOL. CONSTRUCT GREENWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 21</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$200,000 (STBGDA) FY 2019 - \$50,000 (L) FY 2021 - \$640,000 (STBGDA) FY 2021 - \$160,000 (L) \$1,050,000
EB-5786 MECKLENBURG PROJ.CATEGORY DIVISION	MECKLENBURG COUNTY, LITTLE SUGAR CREEK GREENWAY EXTENSION, RAMBLEWOOD LANE TO BURNT MILL ROAD. CONSTRUCT GREENWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$2,200,000 (TAPDA) FY 2019 - \$550,000 (L) \$2,750,000
EB-5819 UNION PROJ.CATEGORY DIVISION	WAXHAW, DOWNTOWN WAXHAW PEDESTRIAN AND BICYCLE FACILITY ENHANCEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$515,000 (STBGDA) FY 2019 - \$515,000 (L) \$1,030,000
EB-5820 MECKLENBURG PROJ.CATEGORY DIVISION	CHARLOTTE, CHARLOTTE B-CYCLE EXPANSION. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$675,000 (TAPDA) FY 2019 - \$169,000 (L) \$844,000
EB-5832 MECKLENBURG PROJ.CATEGORY DIVISION	CHARLOTTE, SR 2833 (MALLARD CREEK CHURCH ROAD), SR 2472 (MALLARD CREEK ROAD) TO SR 2746 (CLAUDE FREEMAN DRIVE). CONSTRUCT MULTI-USE TRAIL ON SOUTH SIDE OF ROAD. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$531,000 (TAP) FY 2019 - \$133,000 (L) FY 2020 - \$200,000 (STBGDA) FY 2020 - \$542,000 (TAP) FY 2020 - \$186,000 (L) \$1,592,000

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DIVISION 10

EB-5933	DAVIDSON, KINCAID MULTIUSE PATH. EUGENIA	CONSTRUCTION	FY 2019 -	\$387,000	(STBGDA)
MECKLENBURG	STREET AND SPRING STREET TO SOUTH PRONG		FY 2019 -	\$315,000	(TAPDA)
PROJ.CATEGORY	ROCKY RIVER GREENWAY NEAR DAVIDSON		FY 2019 -	\$175,000	(L)
DIVISION	ELEMENTARY.			\$877,000	

TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19

I-5826	I-85, CONCRETE PAVEMENT JOINT AT US 29/NC 49	CONSTRUCTION	FY 2020 -	\$5,000,000	(NHPIM)
MECKLENBURG	CONNECTOR TO 0.8 MILES NORTH OF SR 2467			\$5,000,000	

(MALLARD CREEK CHURCH ROAD). PAVEMENT PRESERVATION.
TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20

I-5828	I-485, I-77 TO NC 49. PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2020 -	\$3,000,000	(NHPIM)
MECKLENBURG				\$3,000,000	

TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20

I-5904	I-485, BLAIR ROAD TO IDLEWILD ROAD. PAVEMENT	CONSTRUCTION	FY 2020 -	\$13,000,000	(NHPIM)
MECKLENBURG	REHABILITATION			\$13,000,000	

ACCELERATE CONSTRUCTION FROM FY 21 TO FY 20

U-4713A	SR 3440 (MCKEE ROAD) EXTENSION, SR 3448	BUILD NC ROW	FY 2019 -	\$86,000	(T)
MECKLENBURG	(PLEASANT PLAINS ROAD) TO SR 1009 (JOHN STREET)		FY 2020 -	\$86,000	(T)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 19</u>		FY 2021 -	\$86,000	(T)
DIVISION			FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$344,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,600,000	(T)
		UTILITIES	FY 2019 -	\$500,000	(T)
		CONSTRUCTION	FY 2020 -	\$4,100,000	(T)
			FY 2020 -	\$2,000,000	(L)
				\$9,490,000	

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DIVISION 11

B-5825	NC 67, REPLACE BRIDGE 980035 OVER YADKIN RIVER.	RIGHT-OF-WAY	FY 2020 -	\$830,000	(T)
YADKIN	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	BUILD NC CONST	FY 2020 -	\$687,000	(T)
PROJ.CATEGORY	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</u>		FY 2021 -	\$687,000	(T)
REGIONAL			FY 2022 -	\$687,000	(T)
			FY 2023 -	\$687,000	(T)
			FY 2024 -	\$687,000	(T)
			FY 2025 -	\$687,000	(T)
			FY 2026 -	\$687,000	(T)
			FY 2027 -	\$687,000	(T)
			FY 2028 -	\$687,000	(T)
			FY 2029 -	\$687,000	(T)
			POST YR-	\$3,435,000	(T)
		CONSTRUCTION	FY 2020 -	\$1,850,000	(T)
			FY 2021 -	\$1,850,000	(T)
				\$14,835,000	
R-5775	GRANITE FALLS, INTERSECTION OF US 321 AND SR	CONSTRUCTION	FY 2019 -	\$840,000	(STBGDA)
CALDWELL	1109 (PINWOODS ROAD EXTENSION). CONSTRUCT		FY 2019 -	\$210,000	(S(M))
PROJ.CATEGORY	INTERSECTION IMPROVEMENTS.			\$1,050,000	
EXEMPT	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>				
* U-5312	US 421, NC 16 TO US 421 BUSINESS. CONVERT	CONSTRUCTION	FY 2020 -	\$8,300,000	(NHP)
WILKES	EXISTING ROADWAY TO SUPER STREET AND ADD		FY 2021 -	\$8,300,000	(NHP)
PROJ.CATEGORY	SERVICE ROADS.		FY 2022 -	\$8,300,000	(NHP)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2023 -	\$8,300,000	(NHP)
	<u>THRESHOLDS.</u>			\$33,200,000	

DIVISION 12

* U-2523B	NC 279, NORTH OF SR 2275 (ROBINSON-CLEMMER	RIGHT-OF-WAY	FY 2020 -	\$3,700,000	(T)
GASTON	ROAD) TO WEST OF NC 275 IN DALLAS.	UTILITIES	FY 2020 -	\$500,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2021 -	\$5,233,000	(T)
REGIONAL	<u>THRESHOLDS.</u>		FY 2022 -	\$5,234,000	(T)
			FY 2023 -	\$5,233,000	(T)
				\$19,900,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 12

* U-2567	US 74 (DIXON BLVD), NC 150 (DEKALB STREET)	RIGHT-OF-WAY	FY 2021 -	\$2,200,000	(T)
CLEVELAND	INTERSECTION. CONSTRUCT INTERCHANGE.	UTILITIES	FY 2021 -	\$500,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2024 -	\$6,367,000	(T)
STATEWIDE	<u>THRESHOLDS.</u>		FY 2025 -	\$6,366,000	(T)
			FY 2026 -	\$6,367,000	(T)
				\$21,800,000	

DIVISION 13

I-5874	I-40, SR 1142 (JAMESTOWN ROAD) - EXIT 100.	RIGHT-OF-WAY	FY 2019 -	\$300,000	(NHP)
BURKE	UPGRADE INTERCHANGE.	CONSTRUCTION	FY 2020 -	\$1,175,000	(NHFP)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2020 -	\$700,000	(NHP)
REGIONAL	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>			\$2,175,000	

I-5875	I-40, SR 1712 (DREXEL ROAD). UPGRADE	RIGHT-OF-WAY	FY 2019 -	\$2,200,000	(NHP)
BURKE	INTERCHANGE.	CONSTRUCTION	FY 2020 -	\$6,750,000	(NHP)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2021 -	\$6,750,000	(NHP)
REGIONAL	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>			\$15,700,000	
	<u>AND CONSTRUCTION FROM FY 19 TO FY 20</u>				

DIVISION 14

I-4400BA	I-26, US 64 (EXIT 49) INTERCHANGE	RIGHT-OF-WAY	FY 2021 -	\$6,000,000	(T)
HENDERSON	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2025 -	\$5,850,000	(T)
PROJ.CATEGORY	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 21</u>		FY 2026 -	\$5,850,000	(T)
STATEWIDE			FY 2027 -	\$5,850,000	(T)
			FY 2028 -	\$5,850,000	(T)
				\$29,400,000	

* I-5922	I-40, TENNESSEE STATE LINE TO MILEMARKER 7.	CONSTRUCTION	FY 2019 -	\$2,673,000	(STBGIM)
HAYWOOD	PAVEMENT REHABILITATION.		FY 2020 -	\$2,673,000	(STBGIM)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 19</u>			\$5,346,000	
STATEWIDE					

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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 14

* I-5923	I-40, MILEMARKER 7 TO MILEMARKER 15. PAVEMENT	CONSTRUCTION	FY 2019 -	\$2,344,000	(STBGIM)
HAYWOOD	REHABILITATION.		FY 2020 -	\$2,344,000	(STBGIM)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 19</u>			\$4,688,000	
STATEWIDE					

* R-2822B	NC 143, WEST BUFFALO CREEK TO NC 143 BUSINESS.	RIGHT-OF-WAY	FY 2022 -	\$500,000	(T)
GRAHAM	UPGRADE CORRIDOR.	UTILITIES	FY 2022 -	\$635,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2024 -	\$6,425,000	(T)
REGIONAL	<u>THRESHOLDS.</u>		FY 2025 -	\$6,425,000	(T)
			FY 2026 -	\$6,425,000	(T)
			FY 2026 -	\$6,425,000	(T)
				\$26,835,000	

* R-5742	NC 175, GEORGIA STATE LINE TO US 64. UPGRADE	BUILD NC CONST	FY 2019 -	\$515,000	(T)
CLAY	ROADWAY.		FY 2020 -	\$515,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2021 -	\$515,000	(T)
DIVISION	<u>THRESHOLDS.</u>		FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		CONSTRUCTION	FY 2019 -	\$5,100,000	(T)
			FY 2020 -	\$5,100,000	(T)
			FY 2021 -	\$5,100,000	(T)
				\$23,025,000	

* R-5763	SR 1540 (WILSON ROAD), SR 1504 (OLD US 64) TO US	RIGHT-OF-WAY	FY 2019 -	\$270,000	(T)
TRANSYLVANIA	276. UPGRADE ROADWAY.	UTILITIES	FY 2019 -	\$100,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2021 -	\$11,500,000	(T)
DIVISION	<u>THRESHOLDS.</u>		FY 2022 -	\$11,500,000	(T)
			FY 2023 -	\$11,500,000	(T)
				\$34,870,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 14

* R-5800	US 64, US 276, FORTUNE COVE ROAD TO US 64	RIGHT-OF-WAY	FY 2019 -	\$2,500,000	(T)
TRANSYLVANIA	BUSINESS (NORTH CALDWELL STREET). CONSTRUCT		FY 2020 -	\$2,500,000	(T)
PROJ.CATEGORY	MEDIAN AND ACCESS CONTROL MEASURES.	UTILITIES	FY 2019 -	\$300,000	(T)
REGIONAL	<u>ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 19</u>		FY 2020 -	\$300,000	(T)
	<u>AND CONSTRUCTION FROM FY 24 TO FY 21</u>	CONSTRUCTION	FY 2021 -	\$3,500,000	(T)
			FY 2022 -	\$3,500,000	(T)
			FY 2023 -	\$3,600,000	(T)
				\$16,200,000	

STIP DELETIONS

DIVISION 3

* EB-5927	SUNSET BEACH, MAIN STREET, EAST END OF BARRIER	CONSTRUCTION	FY 2018 -	\$100,000	(TAPDA)
BRUNSWICK	ISLAND TO WEST END OF BARRIER ISLAND.		FY 2018 -	\$400,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK.			\$500,000	
DIVISION	<u>DELETE AT THE REQUEST OF MPO.</u>				

DIVISION 7

* R-5766C	NC 65 / NC 87, SR 2413 (VANCE STREET EXTENSION)	RIGHT-OF-WAY	POST YR-	\$540,000	(T)
ROCKINGHAM	TO US 158 / US 29 BUSINESS	UTILITIES	POST YR-	\$689,000	(T)
	<u>DELETE BREAK AT THE REQUEST OF DIVISION</u>	CONSTRUCTION	POST YR-	\$3,285,000	(T)
	<u>OFFICE; PROJECT SEGMENT TO BE REPRIORITIZED.</u>			\$4,514,000	

* U-5864B	SR 4053 (SURRETT DRIVE), SR 1300 (WEST FAIRFIELD	RIGHT-OF-WAY	POST YR-	\$1,066,000	(T)
GUILFORD	ROAD) TO SR 1961 (WEST MARKET CENTER DRIVE) IN	UTILITIES	POST YR-	\$128,000	(T)
	HIGH POINT.	CONSTRUCTION	POST YR-	\$15,618,000	(T)
	<u>DELETE BREAK AT THE REQUEST OF DIVISION</u>			\$16,812,000	
	<u>OFFICE; PROJECT SEGMENT TO BE REPRIORITIZED.</u>				

DIVISION 13

* U-5868	SR 1477 (RIVERSIDE DRIVE), NC 251/SR 1781	RIGHT-OF-WAY	FY 2020 -	\$1,200,000	(STBG)
BUNCOMBE	(BROADWAY) TO I-40/SR 1231 (HILL STREET). WIDEN	UTILITIES	FY 2020 -	\$500,000	(STBG)
PROJ.CATEGORY	ROADWAY.	CONSTRUCTION	FY 2020 -	\$2,600,000	(STBG)
DIVISION	<u>DELETE, WORK TO BE ACCOMPLISHED AS PROJECT I-</u>		FY 2021 -	\$2,600,000	(STBG)
	<u>2513D</u>		FY 2022 -	\$2,600,000	(STBG)
				\$9,500,000	

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* INDICATES FEDERAL AMENDMENT



MULTI-MODAL TRANSPORTATION COMMITTEE MINUTES

DATE: 11-07-2018 TIME: 2:12 PM LOCATION: EIC Room

MEETING CALLED BY	Vice-Chairman Billy Clarke
BOARD ATTENDEES	Allen Moran, Thomas Taft, Jr., Hugh Overholt, Tony Lathrop, Sam Bowles

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF SEPTEMBER 5, 2018 MINUTES – Vice-Chairman Clarke	
DISCUSSION SUMMARY	Vice-Chairman Clarke called the Committee to order and asked for a motion to approve the minutes as distributed.
ACTIONS TAKEN	A motion to approve September 5, 2018 minutes as distributed was made by Mr. Thomas Taft, Jr. and seconded by Mr. Hugh Overholt. The Committee approved the meeting minutes unanimously.

2. FUNDING ITEMS (PTD and November STIP Amendment)	
DISCUSSION SUMMARY	Information was presented by the Public Transportation Director for the Committee's approval
ACTIONS TAKEN	<ul style="list-style-type: none"> • Motion to approve Public Transportation funding items was made by Mr. Allen Moran and seconded by Mr. Hugh Overholt. • Motion to approve the November STIP Amendment was made by Mr. Allen Moran and seconded by Mr. Thomas Taft, Jr. <p>The Committee approved the funding items unanimously.</p>

3. PASSENGER FERRY TOLL STRUCTURE: JED DIXON, FERRY DIVISION	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> • Jed Dixon, Ferry Division gave a presentation about the proposed Passenger Ferry Toll Structure. Resolution to be brought before the full Board in December for approval.
ACTIONS TAKEN	None taken



MULTI-MODAL TRANSPORTATION COMMITTEE MINUTES

4. MULTI-MODAL TRANSPORTATION UPDATE – JULIE WHITE	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> Julie White shared that the MOBI Awards will be launched in the next few weeks and the winners would be announced at the April 3, 2019 Luncheon to include Board Members. STI Workgroup Kickoff started in October. Hanna Cockburn and Debbie Collins assisted in a meeting with CDE's, DPE's and RPO's in October. Debbie and Hanna had the teams to split into small workgroups to create small vibrant towns.
ACTIONS TAKEN	None taken

5. BICYCLE & PEDESTRIAN STRATEGIC PLAN - HANNA COCKBURN, IONA THOMAS, AND LAUREN BLACKBURN	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> Hanna Cockburn, Bike & Ped Division Director, Laruen Blackburn, VHB, and Iona Thomas, McAdams, gave an overview of Bicycle and Pedestrian Strategic Plan
ACTIONS TAKEN	None taken

6. PRIORTIZATION 6.0 UPDATE AND TOPIC GATHERING – SARA LEE, STRATEGIC PRIORITIZATION OFFICE (SPOT)	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> Sarah Lee, Strategic Prioritization Office (SPOT) gave an update of Prioritization 6.0 Update and Topic Gathering. To get feedback from Multi-Modal Committee on scoring, STI Laws, what we could do better and what we could do different.
ACTIONS TAKEN	None taken

ADJOURNED: 3:14 PM



MULTI-MODAL TRANSPORTATION COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 5, 2018

TIME: 2:10 PM

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 7, 2018 Meeting Minutes	Chairman Perkins	2:10
Funding Items (Aviation)	Multi-Modal Director	2:15
Multi-Modal Transportation Update	Julie White, Deputy Secretary	2:20
Advancing Multi-Modalism	Erin Wynia, NC League of Municipalities	2:25
Importance of Multi-Modal Transportation	Ellen Reckhow, NC Association of County Commissioners	
Adjourn	Chairman Perkins	2:50



NORTH CAROLINA

Department of Transportation



Release of the Draft 2020-2029 STIP

Van Argabright
Division of Planning and Programming

December 2018

Completed activities for 2020-2029 STIP cycle

<u>Date</u>	<u>Activity</u>
Summer 2017	NCBOT approved criteria and weights for scoring projects and SPOT online opened for submission of new projects
April 3, 2018	Quantitative scores for Statewide, Regional, and Division category projects released. Statewide projects selections released.
June 4 to July 9, 2018	NCDOT Divisions received public comment on how they planned to rank Regional and Division projects
August 30, 2018	Total scores for Regional category projects and project selections released
December, 2018	All local input points for Division category projects have been received and total scores computed. Project programming on-going.

Remaining activities for 2020-2029 STIP cycle

<u>Date</u>	<u>Activity</u>
December 2018	Complete project programming and balancing
January 2019 BOT meeting	Draft 2020-2029 STIP released
Mid-February to Mid-March 2019	NCDOT Divisions will hold public outreach to solicit comments on the Draft 2020-2029 STIP
June 2019	NCBOT will be asked to approved final 2020-2029 STIP

Cost Increases are affecting STIP programming

- Due to the transition to STI, new projects that lacked extensive engineering work entered the STIP
 - As these projects work their way through pre-construction and more accurate cost estimates are developed, we have had to accommodate cost increases
 - As a result, some projects have been delayed
- Remedies so that we can avoid this in the future
 - Feasibility Studies Unit and Corridor Development Units are completing express designs that will give more accurate cost estimates
 - Policy on cost containment will be implemented with all projects committed in the 2020-2029 STIP

A large white passenger ferry is under construction in a shipyard. The ferry is positioned vertically, with its hull and upper decks visible. The shipyard is a large, well-lit industrial space with a high ceiling and various structural elements. The ferry's hull is white, and the upper decks are also white, with some dark window openings. The ship is supported by a network of steel beams and cables. The overall scene is one of active construction in a modern industrial setting.

Ferry Division

New passenger ferry coming Spring 2019

- Increase local economy while alleviating island congestion by decreasing number of vehicles on the island

US Workboats (builder),
September 29, 2018

Principles applied when considering a suitable toll for the Ocracoke Express passenger service:

- Encourage use of service during non-peak hours and during off-peak season
- Allow for lower rates at introduction of service and adjustments as demand grows
- Allow for innovative local partnerships
- Create a strong financial model to bolster the case for an additional passenger ferry

Establishment of Tolls

- N.C. Gen. Stat. § 136-82 mandates that the N.C. Board of Transportation shall establish tolls on the passenger-only Hatteras-Ocracoke ferry route.
- Hyde and Dare County Commissioners have expressed their support by resolution for passenger ferries going to and from Hatteras and Ocracoke islands.
- We anticipate commencement of the operation of a passenger-only Hatteras-Ocracoke ferry route in the spring of 2019.
- NCDOT desires to vary toll rates based on fluctuation in demand and the need to promote this service but under no circumstances will the toll exceed \$15 per passenger for a roundtrip ticket.

Projections: Fare Structure, Ridership, & Revenue

	In season	Off season
Non peak	<p>Up to \$5.00</p> <p>Estimated Annual Ridership = 5,025 Estimated Annual Revenue = \$25,125.00</p>	<p>Up to \$2.50</p> <p>Estimated Annual Ridership = 500 Estimated Annual Revenue = \$2,500.00</p>
Peak	<p>Up to \$7.50</p> <p>Estimated Annual Ridership = 7,500 Estimated Annual Revenue = \$112,500.00</p>	<p>Up to \$5.00</p> <p>Estimated Annual Ridership = 1,000 Estimated Annual Revenue = \$10,000.00</p>

All fares are based on one way trips.

Departures from Hatteras	Departures from Silver Lake
9:00 am	11:00 am (Non Peak)
1:00 pm	3:00 pm
5:00 pm (Non Peak)	7:00 pm

In season: approximately Memorial Day to Labor Day

Introductory rates: promotional discounts to be offered as element of marketing plan

*** Children 3 years of age and under ride free*

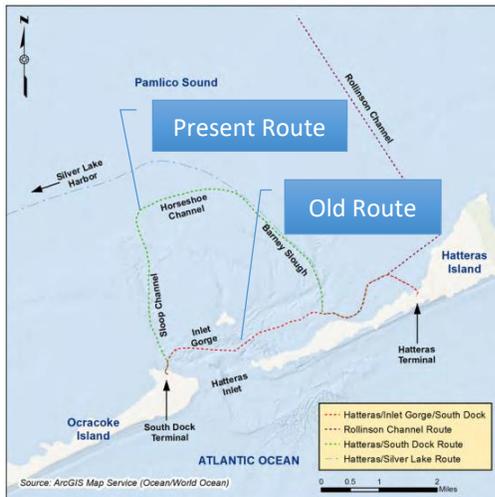


PASSENGER FERRY WHITE PAPER

ABSTRACT

Multiple storm events caused significant beach erosion on both sides of Hatteras Inlet. The eroded shoreline sands were deposited in the inlet creating shallow water depths (shoaling) and filled-in the existing channel used by the ferries traveling between Hatteras and Ocracoke Island. Dredging the channel was attempted, but the channel filled-in almost immediately. The swift and constant depth changes to the inlet forced abandonment of the existing ferry route. A new route was established which circumvents shallow areas of the inlet and does not require dredging. However, the new route from Hatteras to Ocracoke doubled the crossing time, causing reduced number of crossings and longer wait times for the car ferries. Fewer crossings, long wait times, and a longer crossing time has reduced the number of visitors to Ocracoke Island. To address this impact, the Ferry Division authorized a feasibility study that concluded two (2) – 100 passenger fast-ferries would be the best solution to improve the level of service for Ocracoke Island.

In 2013 the NC Ferry Division was forced to change to a different route on the Hatteras/Ocracoke crossing due to extensive shoaling around Hatteras Inlet. The US Army Corps dredged the ferry channel at a cost of approximately \$3.4M. However, the newly dredged channel filled back in before a single ferry could utilize the channel. Because the new route is twice the length of the historic route, fewer departures occur which in turn causes heavy congestion at the terminals with wait times ranging 1-2 hours during the peak summer season. This means a trip to Ocracoke could take between 2½ to 3½ hours, not leaving much time to spend in the village when considering the trip back.



Vehicles queued north on Hwy 12 beyond Hatteras Ferry Terminal facility.

Longer Route = Fewer Departures = Long Wait Times
At least 9% of cars waiting in queue left, and others turned around before getting in queue.

Hatteras to Ocracoke - South Dock
Car Ferry Route

- *Reduced ridership due to long wait times.*
- *Congestion on Hwy 12 blocking access to beach and Graveyard of the Atlantic Museum.*
- *Fuel and crew costs increase by more than \$250,000 per year.*
- *Reduced tourism for Ocracoke Village.*
- *Negative public opinion for NCDOT and impact to Trip Advisor scores for the Outer Banks.*

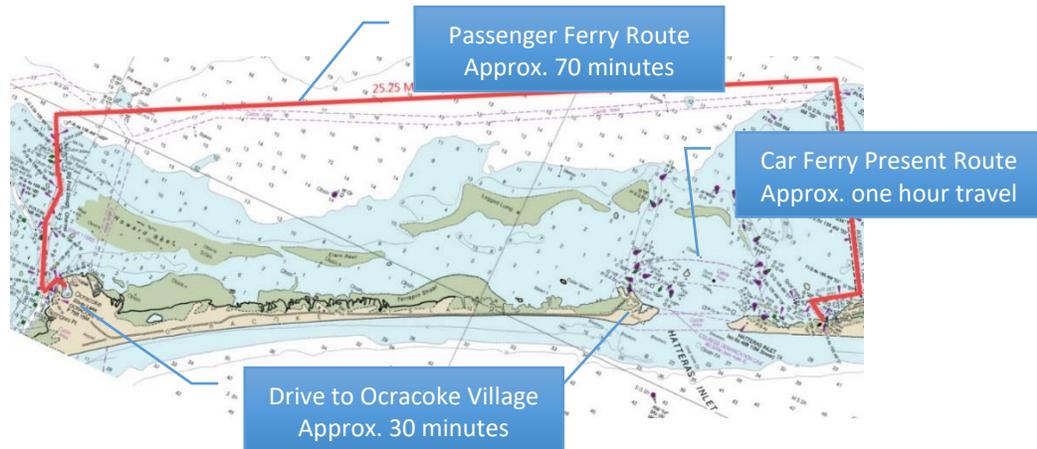
In 2015, the NC Ferry Division contracted Volkert engineering firm to examine the feasibility of different options to meet the current and forecasted visitor demand. The Ocracoke-Hatteras Passenger Ferry Feasibility Study concluded that two (2) walk-on, 100-passenger fast-ferries would improve service and reduce wait times for the car ferries. A survey was taken of car ferry passengers (754 vehicles representing over 2,500 passengers from 39 states) and several key points were uncovered.

- *24% would likely make more trips if a passenger ferry service was available, 64% were willing to pay between \$5-\$10+ fare.*
- *25% solely spent time in Ocracoke Village.*
- *29% experienced long wait times at the terminal*

The NC General Assembly appropriated \$3.65M (when leveraged with federal funds of \$5.47M) for the purchase of two ferries. Unfortunately, bids were higher than expected and only one ferry is being built.

A new route for the passenger ferry has been established that allows the ferry to reach a design cruise speed of 24 knots, making the trip to the Silver Lake terminal in about 70 minutes as compared to the car

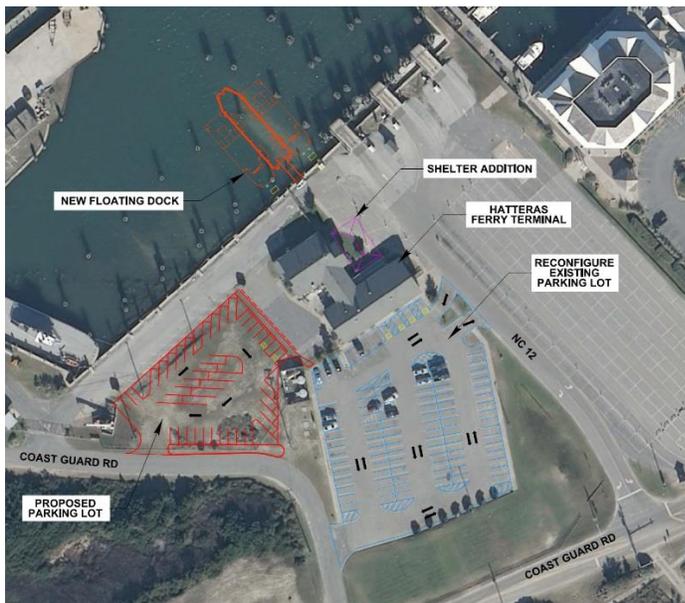
ferry trip of 60 minutes plus drive time to the village of 30 minutes. Once in Ocracoke Village the public can take advantage of the free tram service operating in a loop around the village.



The passenger ferry is a custom design by Elliott Bay Design Group, Seattle WA, for operation in the Pamlico Sound considering wind, wave, and shallow conditions on the two ends of the route. An aluminum catamaran vessel, designed to provide fast and comfortable service between Hatteras and Ocracoke Village, will offer a more convenient service through reservation based ticketing with scheduled departures.

Construction is currently underway for the ferry by U.S. Workboats (formerly Armstrong Marine) in Swansboro, NC. To support the passenger ferry operations, terminal improvements at Hatteras and Ocracoke - Silver Lake terminals are underway.

Hatteras Terminal

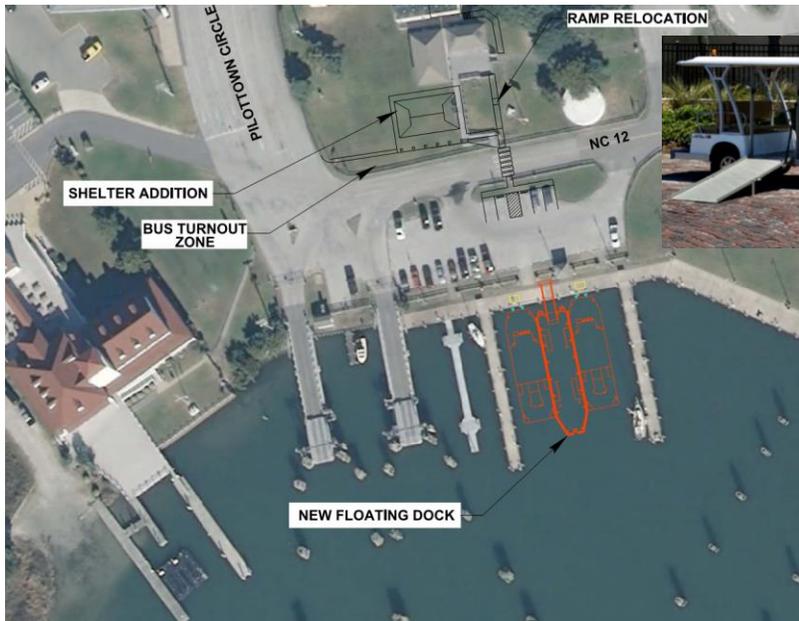


- *1500sf Passenger Shelter*
- *Passenger Parking Improvements*
- *Floating Dock and Gangway*
- *Signage Improvements on Hwy 12 and Onsite.*

Ocracoke – Silver Lake Terminal



- *1500sf Passenger Shelter*
- *Tram Service*
- *Floating Dock and Gangway*
- *Pick-up and Drop-off zone*





NORTH CAROLINA

Department of Transportation



Prioritization 6.0 Update

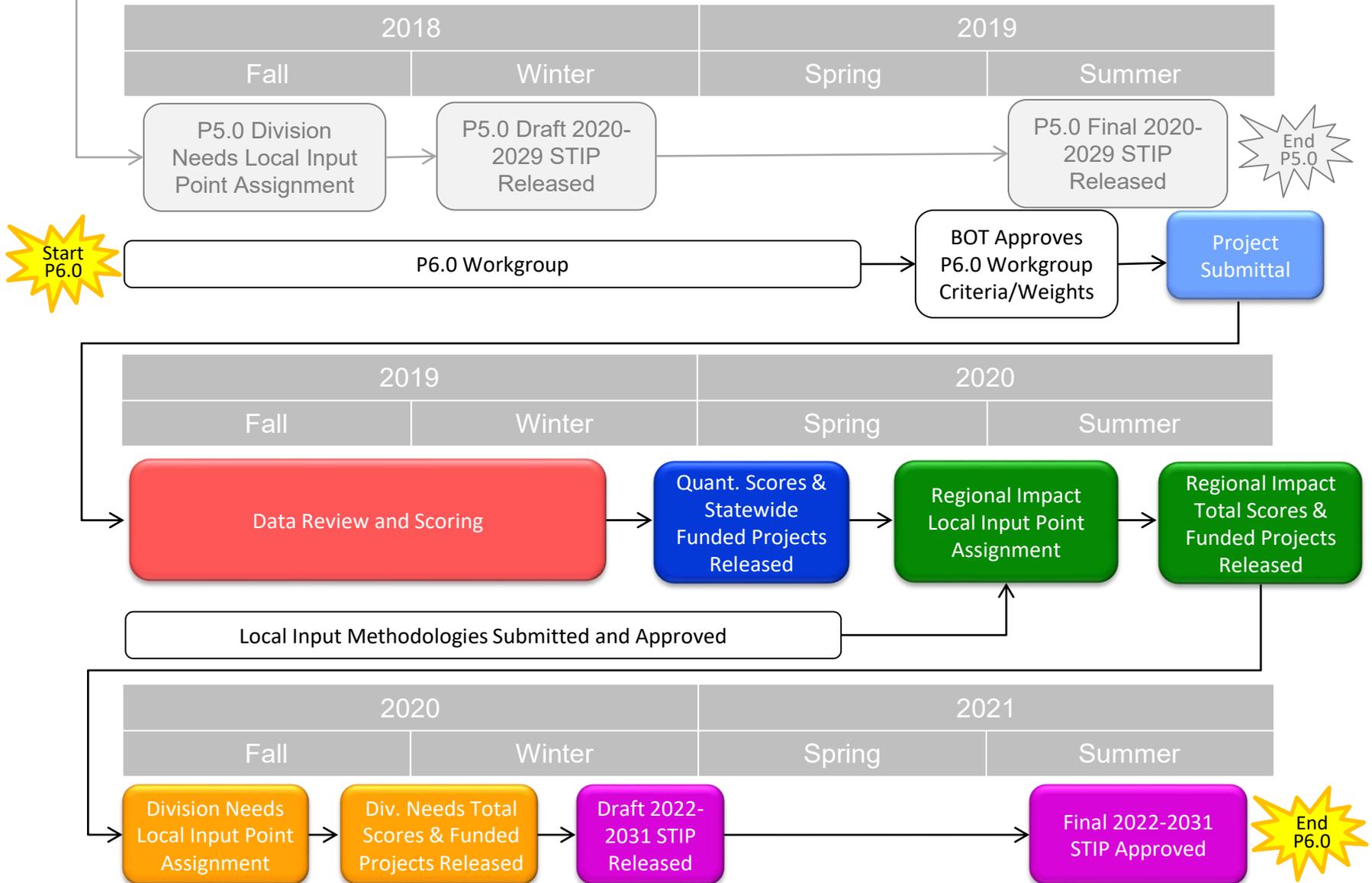
Jason Schronce, P.E.
Strategic Prioritization Office (SPOT)

December 5, 2018

Today's Roadmap

- Prioritization and STIP Cycle
- Prioritization Workgroup
- P6.0 Workgroup Meetings
- P6.0 Workgroup Topics and Consensus
Recommendations

3-Year Prioritization & 2-Year STIP Cycle



Prioritization 6.0

§ 136-189.11. Transportation Investment Strategy Formula.

(h) Improvement of Prioritization Process. – The Department shall endeavor to continually improve the methodology and criteria used to score highway and non-highway projects pursuant to this Article, including the use of normalization techniques, and methods to strengthen the data collection process. The Department is directed to continue the use of a workgroup process to develop improvements to the prioritization process.

Purpose: Provide recommendations to NCDOT on prioritization criteria, weights, and scoring process for all modes

P6.0 Workgroup Meetings

Meet once a month from October 2018 to May 2019

Subcommittees in between (technical items / details)

Proposed Approach: Keep scoring the same as P5.0 unless consensus to change

Consensus recommendations to date:

- Workgroup Approach and P6.0 Schedule
- Committed Projects Definition
- Future Interstate Completion Factor (continued use – Highway Freight)
- Peak ADT (continued use – Highway Congestion)

P6.0 Schedule

2019

2020

2021

Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan		
BOT approves P6.0 Criteria & Weights																					
	MPOs, RPOs, & Divisions test, enter, and submit projects																				
			SPOT Reviews and Calculates Quant. Scores for All Projects (Existing + New). Includes review period of all data & costs to be used for scoring (by MPOs, RPOs, Divisions, and DOT staff).																		
										TIP Unit Programs Statewide Mobility Projects											
											MPOs, RPOs, & Divisions assign Regional Impact Local Input Points (with option to assign Division Needs Local Input Points)										
													SPOT finalizes Regional Impact scores and TIP Unit programs Regional Impact projects								
														MPOs, RPOs, & Divisions assign Division Needs Local Input Points							
																SPOT finalizes Division Needs Scores and TIP Unit programs Division Needs projects					
																				NCDOT releases Draft STIP	
																				NCDOT Provides Report to JLTOC	

Notes:
 Blue Box = Approval of P6.0 Scoring
 Yellow Box = MPO/RPO/Division Input

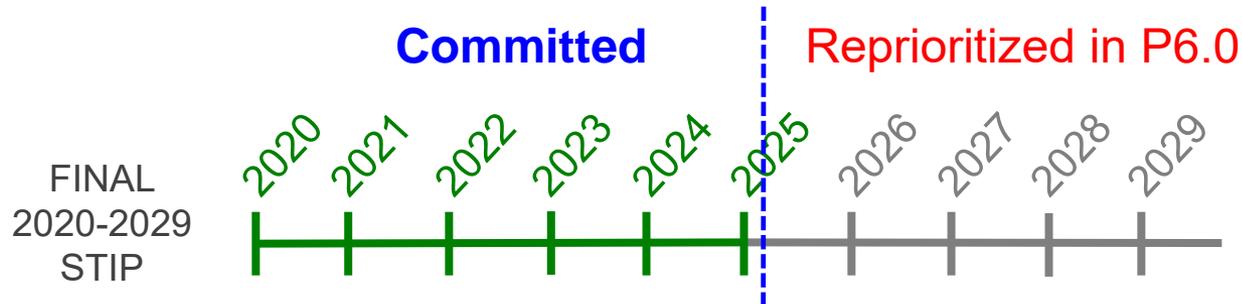
Key Dates:

- June 2019:** BOT approves P6.0 Criteria & Weights
- July 2019:** SPOT Online opens for testing, entering, and submitting projects (closes Sept. 27)
- July 2019:** Existing Project Deletions due for receiving extra new submittals (one out, one in)
Existing Project Modifications due
- September 2019:** Alternate Criteria and Weights due
SPOT Online closes for submitting projects
- End of March 2020:** Quantitative scores for all projects released
Draft list of Programmed Statewide Mobility projects released
- May 1, 2020:** Regional Impact Local Input Point window opens for 3 months
Deadline for Approval of Local Input Point Assignment Methodologies
- End of August 2020:** Draft list of Programmed Regional Impact Projects released
- September 1, 2020:** Division Needs Local Input Point window opens for 2 months
- January 2021:** 2022-2031 Draft STIP released

Committed Project Definition

P6.0 approach:

- Right-of-Way OR Construction date in 2020-2025
 - First 6 years of Final 2020-2029 STIP



- Applies to all modes

P6.0 Workgroup Meetings

Continued / Upcoming Topics:

- Local Input Points approach
- Results of Draft 2020-2029 STIP
- Projects to evaluate in P6.0 (number of submittals)
- Highway Improvements
 - Mobility vs. Modernization Projects (criteria weights)
 - Highway Resiliency Factor
 - Highway Reliability using HERE Data
- Non-Highway Improvements
 - Bicycle/Pedestrian, Public Transportation, Rail, Aviation

BOT Improvements for Workgroup

- Update Board every 2 months
- Questions and Suggestions?

Contact Information

STRATEGIC TRANSPORTATION INVESTMENTS

Smart decisions to keep North Carolina moving.

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North Carolina Department of Transportation
Transportation Program Management Unit - Value Management
Innovative Technologies and Products Awareness Report
December 6, 2018



PRODUCT HIGHLIGHT – DR-46 Motorcycle Barrier Attenuator

Guardrail is an effective method for reducing the severity of run-off-the-road crashes, but traditional guardrail can be less effective for motorcycle crashes when compared to cars. In motorcycle crashes, drivers can slide under guardrail beams and into the posts causing injury. Lindsay Transportation Solutions' DR-46 Motorcycle Barrier Attenuator (MBA) is a polyurethane barrier system designed to prevent these post collisions. It can be added to existing guardrail with bolts and clamps on roadway curves that have proved to be prone to motorcycle crashes through data collection. It is also manufactured in yellow to provide a visual warning for motorcyclists. The DR-46 barrier does not impact the existing guardrail and does not significantly increase the maintenance costs.



DR-46 Motorcycle Barrier Attenuator installed on a roadway curve.



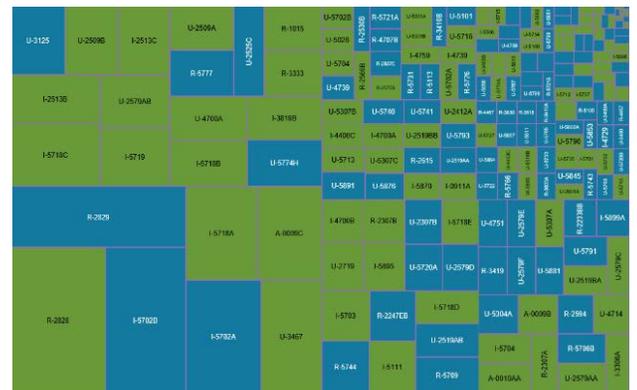
DR-46 MBA installed beneath guardrail

The DR-46 Motorcycle Barrier Attenuator has been installed at two locations in the country at the time of this report. The first installation was in California, and the second is being installed in Graham County, N.C. along NC-143. There will be 4,500 feet of barrier installed at a cost of \$135,000 once completed. DR-46 is being installed in several curves along NC 143 where a five-year crash study identified 17 crashes involving motorcyclists hitting guardrail and/or guardrail posts - including two fatalities. CALTRANS found that since the barrier was installed in 2011, there has not been a single motorcycle crash. The Department will monitor the crash rate at this location in the near future and possibly install it in other areas if it's effective. This product, like all other safety improvement products, will be evaluated by the Traffic Safety Unit once adequate post-construction data is available. For more information, please visit: <http://www.barriersystemsinc.com/>

PRODUCT INNOVATION – SAS Visual Analytics Application

When designing a new project, the Department must minimize the impacts as much as possible to the surrounding environment. This includes, but is not limited to, avoiding disruptions to streams, wetlands, endangered species, and historic landmarks. The Environmental Analysis Unit (EAU) is responsible for providing potential environmental impacts for each project in order for the Project Development Unit to obtain the permits and mitigation needed from the various agencies for the project to move forward. If the process of obtaining the permits is delayed or unexpected environmental issues arise, it can cause delays through the design process and ultimately project delivery. The EAU has calculated these impacts by manually searching GIS data on a per-project basis.

Two years ago, the EAU began using SAS Visual Analytics software to analyze the multiple layers of GIS mapping for identifying potential environmental concerns. This software uses the State Transportation Improvement Program list and GIS environmental data to automatically create statewide reports. These interactive reports contain detailed information of environmental impacts for each project and is displayed as a treemap, which is map that organizes the impacts into blocks as seen in the image on the right. Each block represents a TIP project and is a different color and size to distinguish project cost and type – the higher the cost, the bigger the box. The report helps the EAU and project managers plan for upcoming projects by allowing them to obtain permits or mitigate environmental impacts earlier in the design process. This assists with obtaining the permits in a timely manner and reduces the probability of project delays. For more information, please visit: https://www.sas.com/en_us/software/visual-analytics.html





NORTH CAROLINA

Department of Transportation



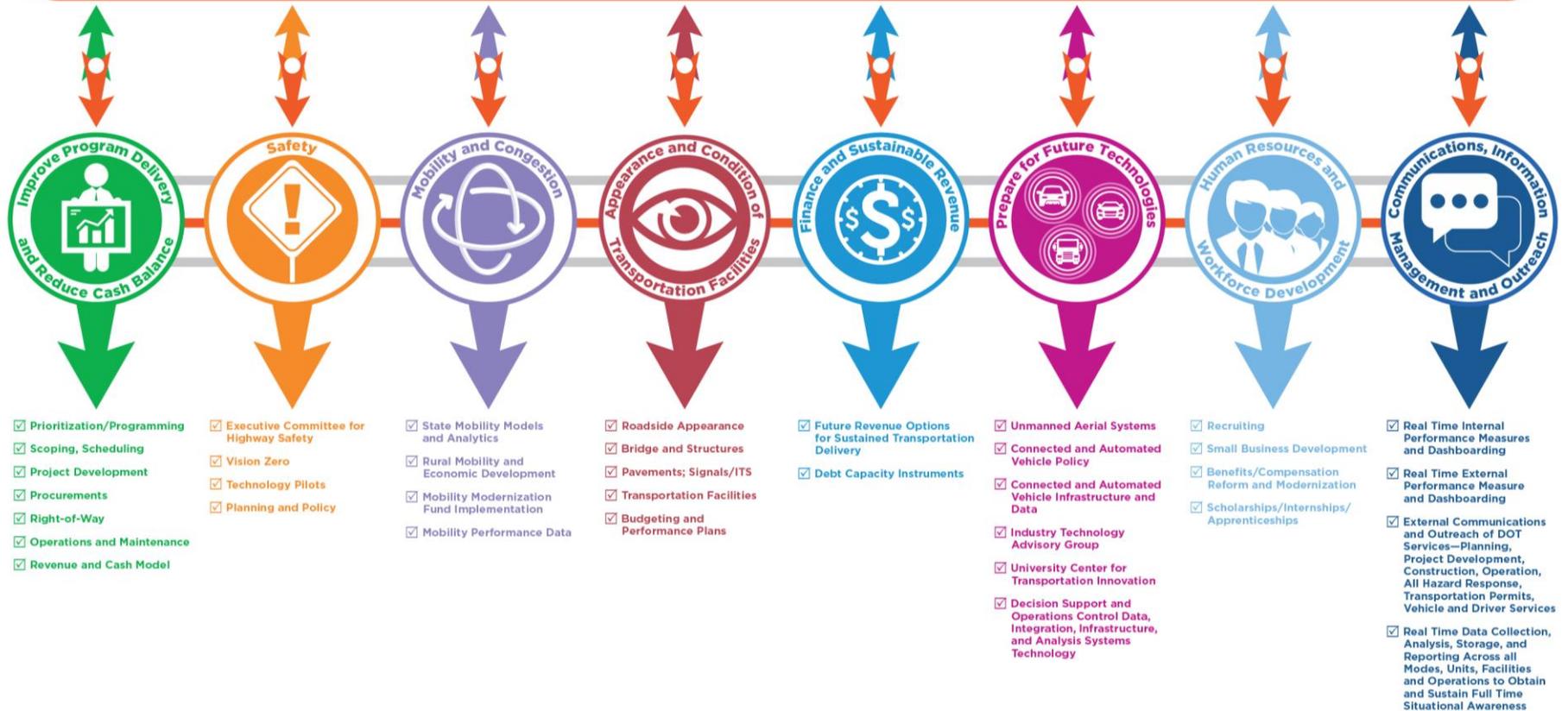
Project Delivery

Chris Werner, Director, Technical Services Division
December 6, 2018

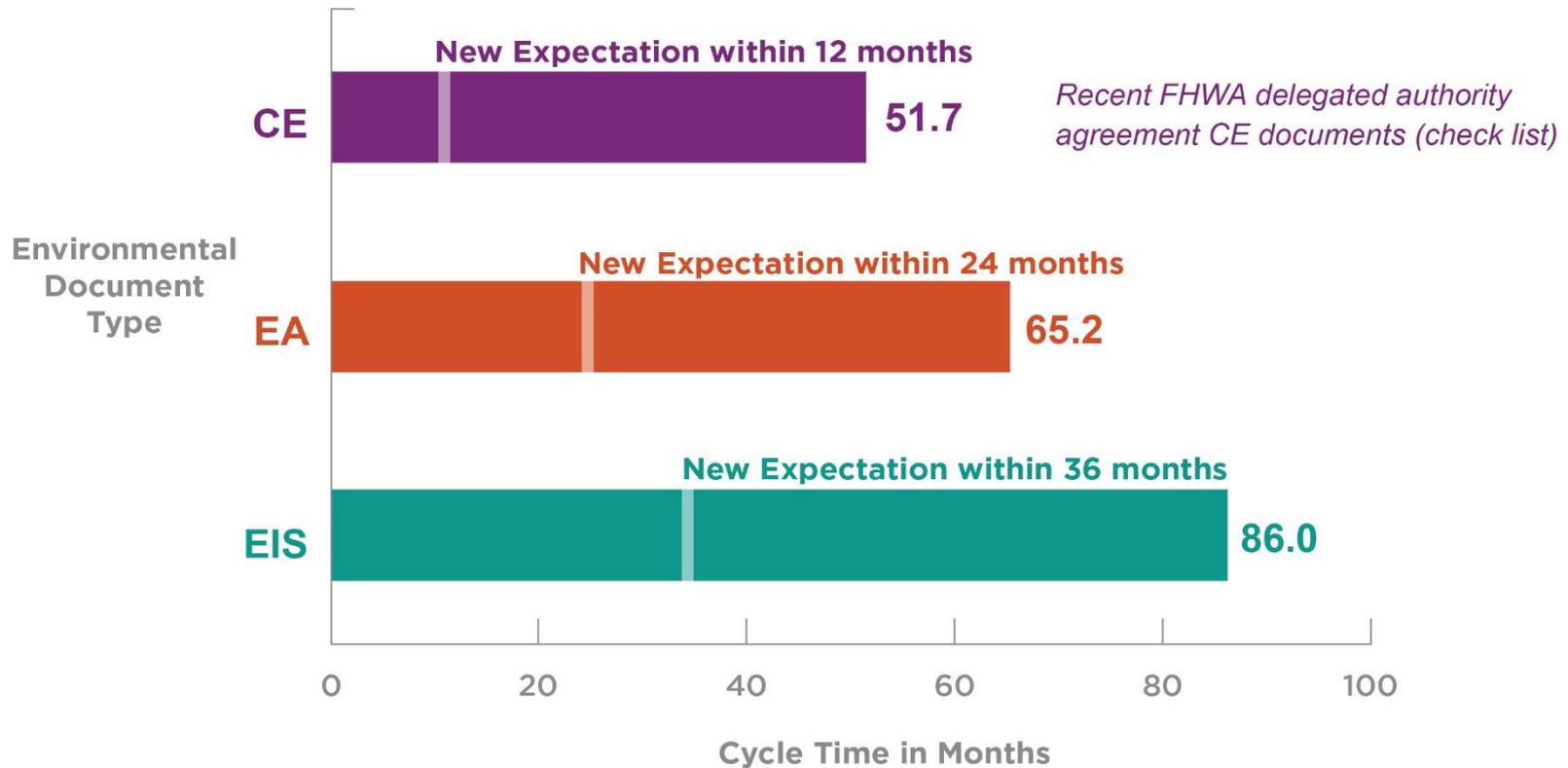
NCDOT Priorities and Work Groups

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.



Discoveries and Expectations



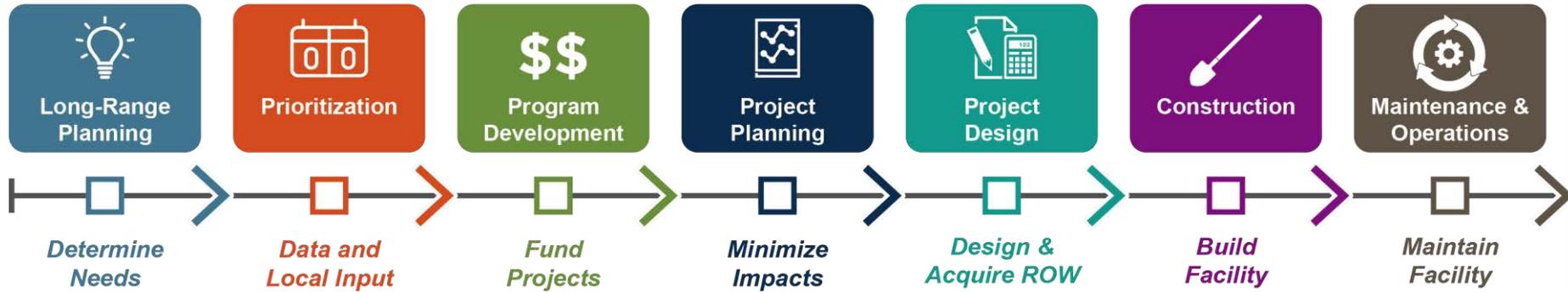
(CE) *Categorical exclusion*
 (EA) *Environmental assessments*
 (EIS) *Environmental impact statement*

Need for Improved Program Delivery

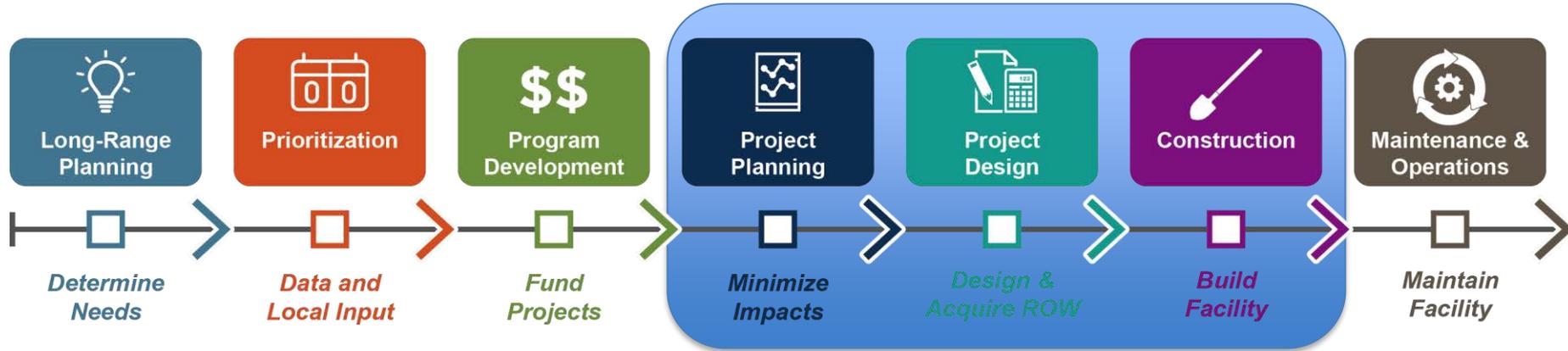
Disruptions and challenges:

- **State/Federal expectations**
- **Staffing**
- **Department Reorganization**
- **STI**
- **Innovation and Technology**
- **Accountability**
- **Secretary's expectations**

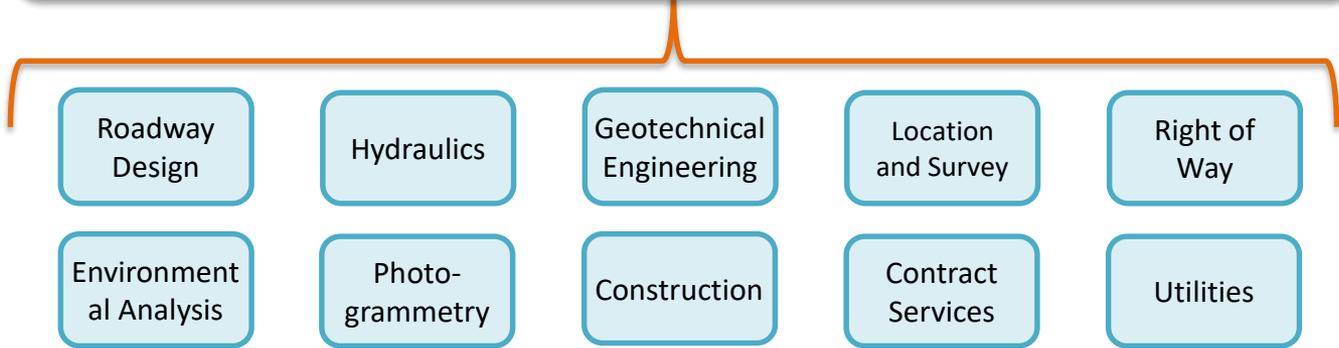
Program Delivery



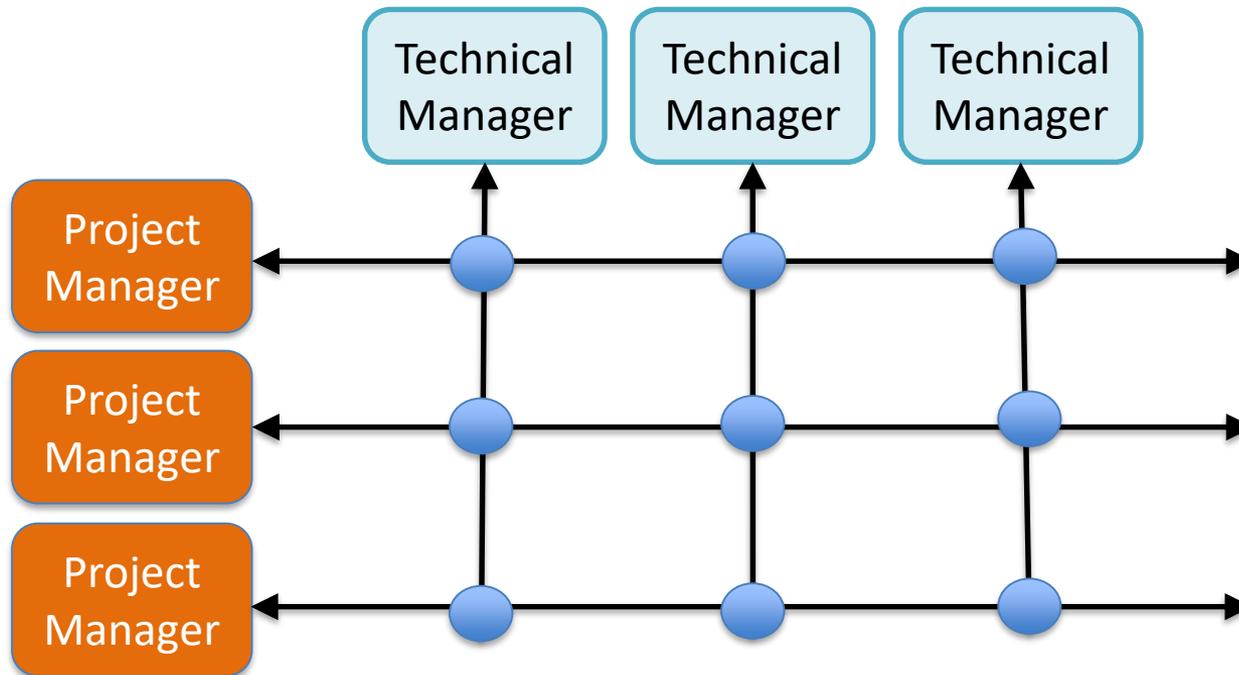
Program Delivery



Project Managers (Constant communication, coordination, and reporting)



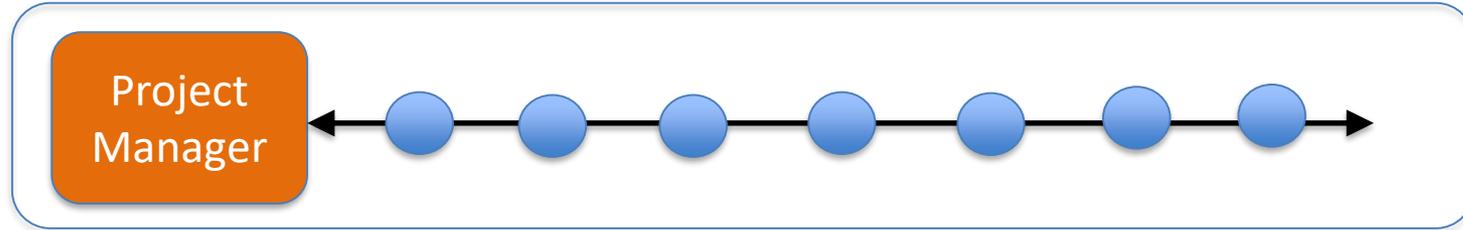
Project Management Unit and Matrix Organization



- Project Manager focused on scope, schedule, budget, quality
- Technical Manager provides technical staff for project team

● Represents a team member from a Technical Unit assigned to a project

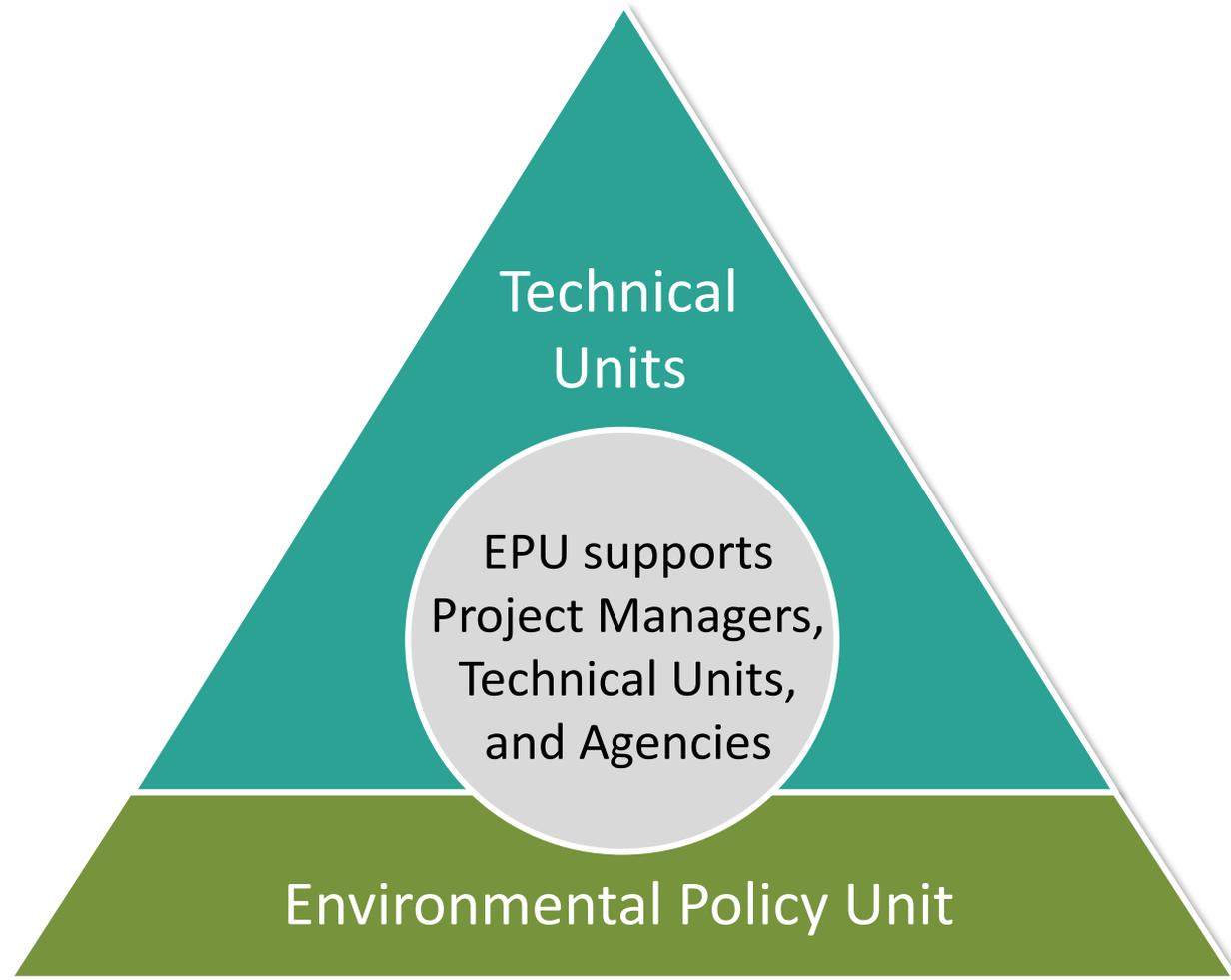
Project Team



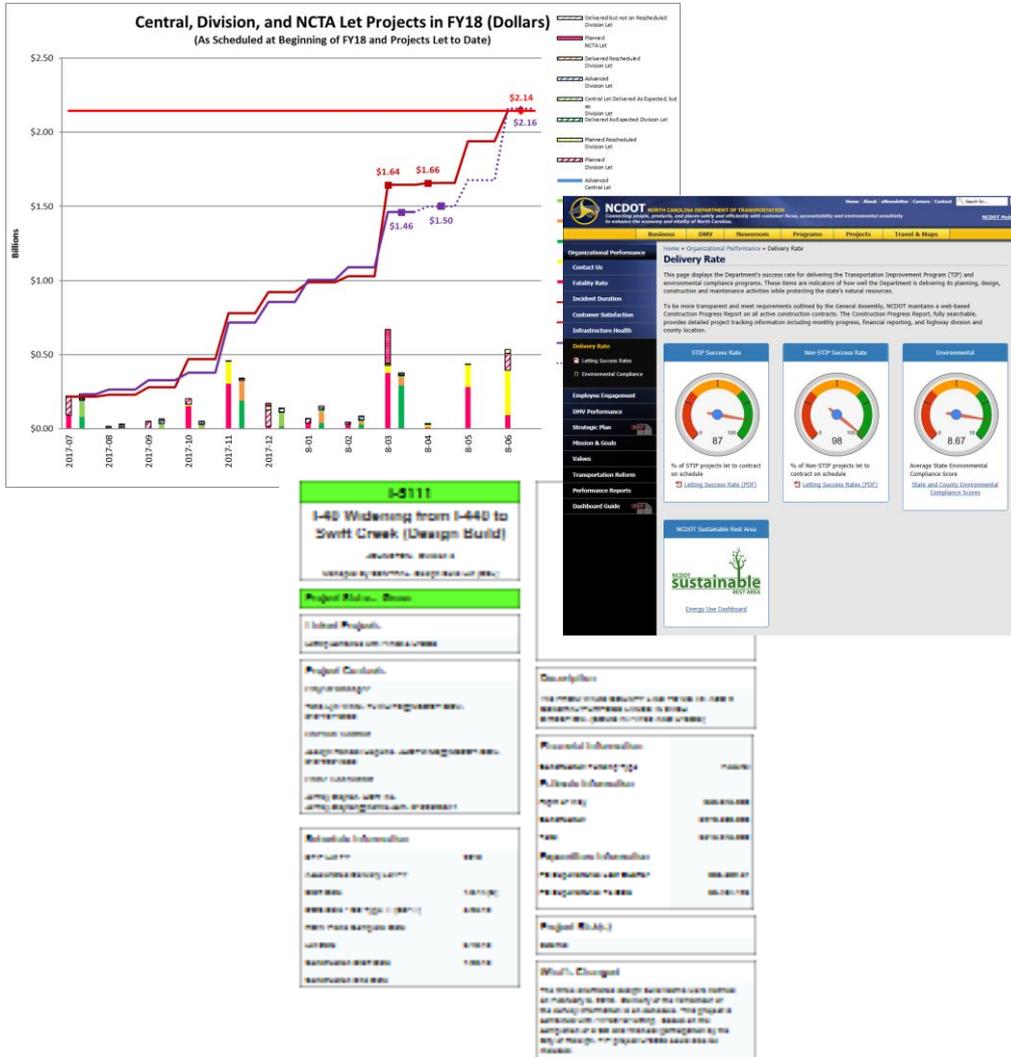
- Project Manager leads the Team, coordinates technical studies and responsible for project decisions
- Team members are specialists in engineering, environmental and other areas
- Consultants support project managers and technical units

● Represents a team member from a Technical Unit assigned to a project

Environmental Policy Unit



Reviews, Oversight, and Controls



- Internal
 - Focus on program delivery
 - Constant status review – scope, schedule and budget
 - Opportunity to accelerate projects
 - Involvement at all levels
 - Systematic
- External
 - Legislative requirements

Integrated Project Delivery (IPD)

The efficient delivery of projects

- within our new organizational structure
- using newly defined roles and responsibilities
- based on
 - existing **requirements**
 - updated **processes**
 - guidance of best business **practices**

Why IPD?

- Types of project have changed due to STI
- Project Manager role & matrix organization
- Guidance documents out of date
- Increased use of consultants
- Federal desire to deliver projects
- Secretary's expectations to deliver projects
- Integrate long-range planning to environmental documentation phase

Our Approach to IPD

- Working with nationally recognized experts
- Document and evaluate existing business practices
- Research and assess best practices across the country
- Identify strategic opportunities for improvement
- Develop an implementation plan
- Support implementation activities



Associated Initiatives



Contact Information

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NC Department of Transportation

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Supplemental Information for the Board

What is NEPA?

- National Environmental Policy Act of 1969
- Requires federal agencies to take a hard look at the human and natural resource impacts of their actions
- Types of NEPA Documentation
 - **Categorical Exclusion (CE)**
minor actions with minimal impacts
 - **Environmental Assessment (EA)**
projects with unknown impacts that require a closer look
 - **Environmental Impact Statement (EIS)**
major projects with known significant impacts

What is SEPA?

- North Carolina (State) Environmental Policy Act of 1971
- Requires **state agencies** to follow a process similar to NEPA to review the human and natural resource impacts of their actions
- NCDOT must adhere to Minimum Criteria to determine which document to prepare
 - **Minimum Criteria Determination Checklist (MCDC)**
minor actions with minimal impacts
 - **Environmental Assessment (EA)**
projects with unknown impacts that require a closer look
 - **Environmental Impact Statement (EIS)**
major projects with known significant impacts



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 5, 2018

TIME: 10:00-11:00 AM

LOCATION: Room 160

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 2018 Road/Bridge/Ferry Naming Committee Meeting Minutes	Mike Fox, Chair	10:00 AM
Review of Submitted Applications	Dom Ciaramitaro	10:05 AM
L. Bobby Brown – Bridge on I-40 over the Cape Fear River, New Hanover and Brunswick Counties, Division 3 (Alford)	Dom Ciaramitaro	10:10 AM
MV Kinnakeet and MV Chicamacomico Ferry Renamings to MV Avon and MV Salvo, Dare County, Division 1 (Moran)	Dom Ciaramitaro	10:15 AM
Wake Forest University National Championship, Tennis, Division I, Division 9 (Wells)	Dom Ciaramitaro	10:20 AM
Road Bridge Ferry Naming Committee Policy Update	Dom Ciaramitaro	10:25 AM
Adjourn	All	11:00 AM



WORKFORCE COMMITTEE MEETING MINTUES

DATE: 11-07-2018 TIME: 4:26 PM LOCATION: Board Room 150

MEETING CALLED BY	Chairman Mike Fox opened the Workforce Committee meeting for business.
BOARD ATTENDEES	Committee Members Present: Chairman Fox, Hugh Overholt, Jack Debnam, Mike Alford, Sam Bowles, Cullie Tarleton, Pat Molamphy, Gus Tulloss Committee Members Not Present: Hunt, Perkins Others Present: Secretary Trogdon, Board Members Jordan and Lathrop

AGENDA TOPICS

1. CALL TO ORDER, ROLL CALL, ETHICS STATEMENT, DECLARATION OF QUORUM, APPROVAL OF MINUTES- CHAIRMAN MIKE FOX	
DISCUSSION SUMMARY	Chairman Fox called the Workforce Committee meeting to order, took roll call, read the ethics statement and declared a quorum based on the committee members present.
ACTIONS TAKEN	No action taken.

2. APPROVAL OF MINUTES	
DISCUSSION SUMMARY	Chairman Fox stated that the September 6 and October 10 meeting minutes were distributed previously and if there are no corrections or changes requested he will accept a motion to approve the September 6 and October 10 meeting minutes as distributed.
ACTIONS TAKEN	A motion to approve the September 6 and October 10, 2018 minutes as distributed was made by Mr. Cullie Tarleton and seconded by Mr. Mike Alford. The committee approved both sets of meeting minutes unanimously.

3. MARKET STUDY AND WORKFORCE UPDATE – BOBBY LEWIS, P.E. CHIEF OPERATING OFFICER	
DISCUSSION SUMMARY	Bobby Lewis provided updates on the Market Study and Workforce. Mr. Lewis stated 2,000 employees are eligible to retire in the next five years, the overall workforce rate shows 45% of employees are 50 years and older and 75% are 40 and older. The current vacancy rate is 19%.
ACTIONS TAKEN	No action taken.



WORKFORCE COMMITTEE MEETING MINTUES

4. RECRUITMENT UPDATE- BOBBY LEWIS, P.E., COO AND DARRYL BASS, HR DIRECTOR	
DISCUSSION SUMMARY	Mr. Lewis and Mr. Bass provided updates on the Department's plans for increasing and enhancing recruitment efforts.
ACTIONS TAKEN	No action taken.

5. MARKET STUDY/ RETENTION AND RECRUITMENT PROGRAM – CHAIRMAN MIKE FOX	
DISCUSSION SUMMARY	<p>Chairman Fox asked everyone to look at the draft resolution provided for their review. Chairman Fox shared that he will ask for a vote from the committee today to pass the resolution forward to the full board for vote at tomorrow's meeting.</p> <p>Members of the Committee reviewed the resolution provided.</p> <p>Committee Vice Chair Mike Alford stated a motion to take to the November 8, 2018 Board of Transportation meeting the following recommendation:</p> <p>It is the recommendation of the Board of Transportation Work Force Committee that the Board of Transportation endorse and support the proposed classification and compensation structure which is based on data collection and analysis per accepted human resource professional practices and standards. The proposed structure gives priority funding to recruitment and retention efforts affecting the job classifications and bands deemed by the Secretary to be most in need of immediate attention.</p> <p>Chairman Fox added in that the resolution (<i>RESOLUTION BY THE BOARD OF TRANSPORTATION IN SUPPORT OF THE IMPLEMENTAION OF SESSION LAW 2018-5, SECTION 34.19 TO UTILIZE MARKET SURVEYS AND OTHER RELEVANT EMPLOYMENT SECTOR INFORMATION TO CREATE A RECRUITMENT AND RETENTION PILOT PROGRAM</i>) is in compliance with Session Law 2018-5.</p>
ACTIONS TAKEN	The motion to approve the resolution to bring forward to the full board for consideration was made by Mr. Mike Alford and seconded by Mr. Cullie Tarleton.

6. Next Steps – Chairman Fox, Bobby Lewis	
DISCUSSION	Mr. Lewis briefly outlined next steps relate to executing the program and focusing on recruitment efforts.



WORKFORCE COMMITTEE MEETING MINTUES

ACTIONS TAKEN	No action taken.
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7. ADJOURNMENT	
DISCUSSION	Chairman Fox stated if there are no further items for discussion the committee will adjourn.
ACTIONS TAKEN	The meeting was adjourned.



WORKFORCE COMMITTEE AGENDA

BOARD OF TRANSPORTATION DECEMBER 5, 2018

START TIME: 3:00 p.m.

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Ethics Statement Declaration of Quorum Approval of November 7, 2018 minutes	Mike Alford, Vice Chair	5 minutes
Recruitment Update	Darryl Bass, HR Director Bobby Lewis, P.E., COO	15 minutes
Fellows Program Overview	Al Austin, HBCU Outreach Director	15 minutes
Next Steps	Mike Alford, Vice Chair Bobby Lewis, P.E., COO Darryl Bass, HR Director All committee members	5 minutes
Adjourn	Mike Alford, Vice Chair	