



MEETING AGENDA
North Carolina Board of Transportation
 1 South Wilmington Street, Raleigh, North Carolina 27601
 November 7-8, 2018

WEDNESDAY, November 7, 2018

10:00 AM – 10:30 AM

Audit Committee	Room 160
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11:15 AM – 11:45 AM

Road Naming Committee	Room 160
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11:30 AM – 1:00 PM BREAK

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

Policy Update	Gene Conti
Flooding Inundation Map	Chris Werner, Technical Services Director
Atlantic ReefMaker Shore Stabilization Technology	Randy Boyd, Atlantic ReefMaker
Product Evaluation Program Awareness	Chairman Fox

2:00 PM – 2:10 PM BREAK

2:10 PM – 3:10 PM

Highways Committee	Room 150
Multi-Modal Committee	EIC

3:10 PM – 3:15 PM BREAK

3:15 PM – 4:15PM

EDIR Committee	Room 150
FAST Committee	EIC

4:15 PM – 4:20 PM BREAK

4:20 PM – 5:20 PM

Workforce Committee	Room 150
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NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

THURSDAY, November 8, 2018

9:00AM

Location: Room 150

- Call to Order Chairman Fox
- Ethics Statement Chairman Fox
- Approval of October 11, 2018 Meeting Minutes Chairman Fox
- Road and Bridge Naming Honorary Designations Chairman Fox
- Secretary's Remarks Secretary Trogdon
- Equipment Operator's Safety Training Conference (Roadeo) State Winners Robin Barfield

Delegated Authority

- (Item C) Award of Highway Construction Contracts from October 2018 Lettings
- (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

NC Global TransPark Authority Hurricane Florence Update
NC State Ports Authority Hurricane Florence Update

Allen Thomas, Executive Director
Paul Cozza, Executive Director

Action

Chairman Fox

Resolution: Recruitment and Retention Program

Approval of Projects

- (Item G) Additions and Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-1A) Public Transportation
- (Item 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 R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation

Committee Reports

Committee Chairs

Other Business

Chairman Fox

Adjourn

Chairman Fox

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

November 7-8, 2018

Delegated Authority Secretary Trogon

- (Item C) Award of Highway Construction Contracts from October 2018 Lettings
- (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
 - (Item I-1A) Public Transportation
 - (Item I-2) Rail Program **(No Item this month)**
 - (Item I-3) Bicycle and Pedestrian **(No Item this month)**
 - (Item I-4) Aviation **(No Item this month)**
- (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 **(No Item this month)**
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation
- (Item V) **(No Item this month)**

NCDOT Board of Transportation Agenda

ITEM C

October 16/October 30 (combined) 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.
OCTOBER 16, 2018
DIVISION 00001

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C204224

2019CPT.01.02.10081.1, 2019CPT.01.02.10211.1, 2019CPT.01.02.10581.1, 2019CPT.01.02.10941.1

STATE FUNDED

BERTIE, CHOWAN, MARTIN, WASHINGTON

PROPOSAL LENGTH 36.630 MILES

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

LOCATION 1 SECTION OF US-13/US-17, 4 SECTIONS OF NC-32, 1 SECTION OF US-64 ALT, 1 SECTION OF US-64, AND 1 SECTION OF NC-45/NC-99.

EST CONST PROGRESS.... FY-2020..96% OF BID
FY-2021..04% OF BID

RPN 002 2 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 8,554,623.51

DATE AVAILABLE JUL 01 2019

FINAL COMPLETION AUG 01 2020

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	8,560,573.06	+0.1
ROSE BROTHERS PAVING CO INC AHOSKIE, NC	9,365,073.06	+9.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 16, 2018
DIVISION 00005

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C204261
2020CPT.05.05.20392.1, 2020CPT.05.05.20922.1
STATE FUNDED
GRANVILLE, WAKE

PROPOSAL LENGTH 27.304 MILES

TYPE OF WORK MICROSURFACING.

LOCATION 17 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..64% OF BID
FY-2020..36% OF BID

RPN 004 1 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 1,911,753.26

DATE AVAILABLE MAR 15 2019

FINAL COMPLETION OCT 15 2019

	\$ TOTALS	% DIFF
SLURRY PAVERS INC RICHMOND, VA	1,801,971.57	-5.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 16, 2018
DIVISION 00005

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C204257
2020CPT.05.06.20732.1
STATE FUNDED
PERSON

PROPOSAL LENGTH 12.960 MILES

TYPE OF WORK ASPHALT SURFACE TREATMENT.

LOCATION 11 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..64% OF BID
FY-2020..36% OF BID

RPN 005 1 BIDDER(S) DBE GOAL 0%

ESTIMATE 745,522.10

DATE AVAILABLE MAR 15 2019

FINAL COMPLETION OCT 15 2019

	\$ TOTALS	% DIFF
WHITEHURST PAVING CO INC RICHMOND, VA	785,405.72	+5.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 16, 2018
DIVISION 00005

C204258
2020CPT.05.07.20352.1, 2020CPT.05.07.20912.1, 2020CPT.05.07.20932.1
STATE FUNDED
FRANKLIN, VANCE, WARREN

PROPOSAL LENGTH 45.800 MILES

TYPE OF WORK ASPHALT SURFACE TREATMENT.

LOCATION 41 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..64% OF BID
FY-2020..36% OF BID

RPN 006 2 BIDDER(S) DBE GOAL 0%

ESTIMATE 2,520,201.20

DATE AVAILABLE MAR 01 2019

FINAL COMPLETION NOV 01 2019

	\$ TOTALS	% DIFF
WHITEHURST PAVING CO INC RICHMOND, VA	2,542,324.05	+0.9
CAROLINA ROAD SOLUTIONS LLC CENTER VALLEY, PA	2,789,052.03	+10.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 16, 2018
DIVISION 00005

C204256
2020CPT.05.09.10321.1, 2020CPT.05.09.10921.1, 2020CPT.05.09.20321.1
STATE FUNDED
DURHAM, WAKE

PROPOSAL LENGTH 15.890 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-70, 1 SECTION OF NC-98, AND 3 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..72% OF BID
FY-2020..28% OF BID

RPN 007 4 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 4,446,972.14

DATE AVAILABLE NOV 26 2018

FINAL COMPLETION NOV 30 2019

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	3,782,133.02	-15.0
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	4,129,894.75	-7.1
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,239,212.90	-4.7
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	4,265,344.47	-4.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 16, 2018
DIVISION 00006

C204253
45881.3.1
NHPIM-0074(202)
ROBESON
I-5938B

PROPOSAL LENGTH 15.100 MILES
TYPE OF WORK PAVEMENT REHABILITATION.
LOCATION I-74 FROM NC-710 TO NC-41.

EST CONST PROGRESS.... FY-2019..30% OF BID
FY-2020..66% OF BID
FY-2021..04% OF BID

RPN 008 4 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 13,660,946.04

DATE AVAILABLE MAR 15 2019
FINAL COMPLETION AUG 15 2020

	\$ TOTALS	% DIFF
JOHNSON BROTHERS UTILITY & PAVING CO INC LILLINGTON, NC	11,955,472.98	-12.5
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	12,088,303.88	-11.5
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	12,805,319.66	-6.3
BOGGS PAVING, INC. MONROE, NC	16,996,303.23	+24.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 16, 2018
DIVISION 00006

C204148
53055.3.1
NHPIM-0095(049)
ROBESON, CUMBERLAND
I-5850B

PROPOSAL LENGTH 17.800 MILES

TYPE OF WORK PAVEMENT REHABILITATION.

LOCATION I-95 FROM US-301 (MM-22.2) TO NORTH OF THE COUNTY LINE (MM-40).

EST CONST PROGRESS.... FY-2019..19% OF BID
FY-2020..78% OF BID
FY-2021..03% OF BID

RPN 009 3 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 13,192,936.96

DATE AVAILABLE MAY 01 2019

FINAL COMPLETION AUG 01 2020

	\$ TOTALS	% DIFF
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	11,897,342.79	-9.8
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	14,529,785.17	+10.1
BOGGS PAVING, INC. MONROE, NC	15,942,179.09	+20.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 16, 2018
DIVISION 00007

C204174
53056.3.2
NHPIM-0073(049)
GUILFORD
I-5852A

PROPOSAL LENGTH 6.795 MILES

TYPE OF WORK PAVEMENT AND BRIDGE REHABILITATION.

LOCATION I-73/US-421 FROM I-85 TO I-40 IN GREENSBORO.

EST CONST PROGRESS.... FY-2019..26% OF BID
FY-2020..65% OF BID
FY-2021..09% OF BID

RPN 010 4 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 12,206,891.28

DATE AVAILABLE MAR 15 2019

FINAL COMPLETION OCT 15 2020

	\$ TOTALS	% DIFF
DIAMOND SURFACE, INC. ROGERS, MN	13,393,320.88	+9.7
INTERSTATE IMPROVEMENT INC FARIBAULT, MN	13,531,432.14	+10.9
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	14,993,684.02	+22.8
DIAMOND CORING COMPANY, INC. CHICAGO, IL	17,197,042.40	+40.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 16, 2018
DIVISION 00009

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C204215
15BPR.18
STATE FUNDED
DAVIE

PROPOSAL LENGTH 0.170 MILES
TYPE OF WORK BRIDGE PRESERVATION.
LOCATION US-64 OVER YADKIN RIVER.

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

RPN 011 5 BIDDER(S) DBE GOAL 0%
ESTIMATE 1,249,243.30

DATE AVAILABLE NOV 26 2018 THRU MAY 01 2019
FINAL COMPLETION 105 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
AMERICAN CIVIL CONSTRUCTORS WEST COAST LLC BENICIA, CA	1,262,065.90	+1.0
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	1,437,923.93	+15.1
MYERS AND SONS CONSTRUCTION, LP SACRAMENTO, CA	1,548,062.00	+23.9
PROSHOT CONCRETE INC FLORENCE, AL	1,775,802.00	+42.2
KIEWIT INFRASTRUCTURE SOUTH CO. PEACHTREE CITY, GA	2,098,775.18	+68.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 16, 2018
DIVISION 00009

C204109
38518.3.1
STATE FUNDED
FORSYTH
B-4746

PROPOSAL LENGTH 0.209 MILES

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

LOCATION BRIDGE #229 OVER NORFOLK SOUTHERN RAILROAD ON SR-2264.

EST CONST PROGRESS.... FY-2019..38% OF BID
FY-2020..62% OF BID

RPN 012 6 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 4,756,665.91

DATE AVAILABLE MAR 01 2019

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

FINAL COMPLETION NOV 28 2020

	\$ TOTALS	% DIFF
WRIGHT BROTHERS CONSTRUCTION COMPANY INC CHARLESTON, TN	5,359,379.08	+12.7
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	5,584,570.42	+17.4
DANE CONSTRUCTION INC MOORESVILLE, NC	5,607,748.16	+17.9
SMITH-ROWE, LLC MOUNT AIRY, NC	5,686,172.73	+19.5
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	5,850,829.17	+23.0
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	5,957,943.16	+25.3

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 OCTOBER 16, 2018
 DIVISION 00014

C204216
 45832.3.1
 STATE FUNDED
 MACON
 U-5604

PROPOSAL LENGTH 0.491 MILES

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

LOCATION US-441 BUS/WAYAH ST INTERSECTIONS FROM WOMACK ST TO DEPOT ST IN FRANKLIN.

EST CONST PROGRESS.... FY-2019..45% OF BID
 FY-2020..50% OF BID
 FY-2021..05% OF BID

RPN 013 2 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 5,908,872.43

DATE AVAILABLE NOV 26 2018

INTER COMPLETION SEP 01 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
 PERMANENT VEGETATION ESTABLISHMENT
 AUG 24 2019 COMPLETE ALL WORK REQUIRED OF AREA #1, PHASE I, STEP #2 THRU
 PHASE III, STEP #3
 AUG 24 2020 COMPLETE ALL WORK REQUIRED OF AREA #2, PHASE II, STEP #1 THRU
 PHASE III, STEP #3
 AUG 24 2019 COMPLETE ALL WORK REQUIRED OF AREA #3, PHASE II, STEP #1 THRU
 PHASE III, STEP #3

FINAL COMPLETION FEB 28 2021

	\$ TOTALS	% DIFF
WATSON CONTRACTING INC FRANKLIN, NC	5,787,626.65	-2.1
NHM CONSTRUCTORS LLC ASHEVILLE, NC	8,942,462.24	+51.3

ESTIMATE TOTAL	81,613,568.25	
LETTING TOTAL	79,010,632.22	-3.2

October 30, 2018 Item C

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 OCTOBER 30, 2018
 DIVISION 00012

C204163
 34192.2.3
 STATE FUNDED
 IREDELL
 I-3819B, U-6039

PROPOSAL LENGTH 4.000 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION I-40/I-77 INTERCHANGE; I-40 FROM SR-2003 TO SR-2158; I-77 FROM SR-2171 TO SR-2321, & SR-2321 FROM VINE ST TO SR-2422.

EST CONST PROGRESS.... FY-2019..10% OF BID
 FY-2020..34% OF BID
 FY-2021..33% OF BID
 FY-2022..20% OF BID
 FY-2023..03% OF BID

RPN 001 3 BIDDER(S) DBE GOAL 8.00 %
 ESTIMATE 283,721,000.00

DATE AVAILABLE NOV 26 2018

FINAL COMPLETION NOV 01 2022

QUALITY ADJUSTED PRICE RANKING

PROPOSAL	TECH SCORE	QUALITY CREDIT %	ACTUAL CONT AMT (PRICE PROP)	ACT % DIFF	QUALITY VALUE	CONT AWARD BASIS (ADJ PRICE)	ADJ % DIFF
THE LANE CONSTRUCTION * BOND EXECUTED IMPROPERLY * INCORRECT LETTING DATE.	93.50	15.66	260,290,000.00	-8.26	40,761,414.00	219,528,586.00	-22.63
BALFOUR BEATTY BRANCH A JOINT * IMPROPER PROPOSAL FORM * BOND EXECUTED IMPROPERLY * COVER DATE CHANGE NOT INITIALED. INCORRECT LETTING DATE.	90.00	13.33	279,947,000.00	-1.33	37,316,935.10	242,630,064.90	-14.48
FLATIRON CONSTRUCTORS INC - * IMPROPER PROPOSAL FORM * BOND EXECUTED IMPROPERLY * COVER DATE NOT CHANGED & INITIALED. INCORRECT LETTING DATE.	78.00	5.33	256,719,000.00	-9.52	13,683,122.70	243,035,877.30	-14.34

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 30, 2018

PROPOSAL	PROPOSED COMPLETION DATE		
THE LANE CONSTRUCTION CORPORATION	JUN 17 2022		
BALFOUR BEATTY BRANCH A JOINT VENTURE	JUL 01 2022		
FLATIRON CONSTRUCTORS INC - BLYTHE DEVE	JUN 30 2022		
		ESTIMATE TOTAL	283,721,000.00
		LETTING TOTAL	260,290,000.00
			-8.26

**NCDOT November 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 Deputy Secretary

Deputy Secretary for Multi-Modal Transportation

Division of Aviation

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

STATEWIDE

Description of Work: 2018 Facilitation, Strategic Planning, & Other Special Services LSC
Firm: Crown Consulting Inc, Arlington, VA
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: 100%

Description of Work: 2018 Facilitation, Strategic Planning, & Other Special Services LSC
Firm: Cyndy Falgout Inc, Durham, NC
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: 0%

Description of Work: 2018 Facilitation, Strategic Planning, & Other Special Services LSC
Firm: Quest Corporation of America Inc, Land O Lakes, FL
Maximum Engineering Fee: \$1,500,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2018 Facilitation, Strategic Planning, & Other Special Services LSC
Firm: Timmons Group Inc, Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: 0%

Rail Division

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 10

Project: 40325.1.46 (Y-4810K) Cabarrus County
Norfolk Southern Mainline Grade Crossing Separation
at Rogers Lake Road Crossing #724408Y in
Kannapolis

Scope of Work: Hydraulics, Structures, Erosion Control, Utilities, Traffic
Control

Estimated Construction Cost: \$9,300,000.00

Firm: Simpson Engineers & Associates PC, Cary, NC

Original Engineering Fee: \$194,637.12

Supplemental Fee: \$434,520.79

Supplemental Work: Final plans and all related construction documents

DBE/MBE/SPSF Utilization: 100%

Transportation Planning Division

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm for Long Range Planning Training Assistance on an as needed basis for various federal-aid and state funded projects to support the Transportation Planning Division. This contract will expire one (1) year with a possible six (6) month time extension maximum after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work: Long Range Planning Training Assistance (Integration
and Transportation Planning Basics) LSC

Firm: Atkins North America Inc, Raleigh, NC

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: 0%

Chief Engineer

Deputy Chief Engineer

Design-Build

The Secretary of Transportation awarded a Design-Build contract in August 2018 for an interchange between US 52 (Future I-74) and the proposed Winston Salem Northern Beltway in Forsyth County. The project is part of the Winston Salem Northern Beltway project. The project is roughly 2.6 miles in length. 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.

DIVISION 9

Project: (34409.3.GV17) (R-2247EB)
Firm: The Lane Construction Corporation, Cheshire, CT
Stipend Amount: \$75,000.00
SPSF Utilization: 0%

Project: (34409.3.GV17) (R-2247EB)
Firm: APAC - Atlantic Inc Thompson Arthur Division,
Greensboro, NC
Stipend Amount: \$75,000.00
SPSF Utilization: 0%

Design-Build

The Secretary of Transportation awarded a Design-Build contract in September 2018 for an additional express lane in each direction of I-485 from I-77 to US 74 (Independence Boulevard), provides an interchange at I-485 and Weddington Road, and modifies the I-485 / East Johns Street – Old Monroe Road interchange, in Mecklenburg County. The project is approximately 16.6 miles in length. 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.

DIVISION 10

Project: (43609.3.2) (I-5507, R-0211EC, U-4714AB)
Firm: Flatiron Constructors Inc, Morrisville, NC
Stipend Amount: \$150,000.00
SPSF Utilization: 0%

Project: (43609.3.2) (I-5507, R-0211EC, U-4714AB)
Firm: The Lane Construction Corporation, Cheshire, CT
Stipend Amount: \$150,000.00
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:	Terracon Consultants Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$575,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 5% / \$28,750.00

Field Support

Utilities 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:	2016 Utilities Design Engineering Services LSC
Firm:	Dewberry Engineers Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	0%

Utilities 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 Utilities Coordination Services LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of work: 2016 Utilities Coordination Services LSC
Firm: Telecommunication & Industrial
Consulting Services Corp, Pineville, NC
Original Engineering Fee: \$500,000.00
Previous Supplemental Fee: \$200,000.00
Supplemental Fee: \$200,000.00
SPSF Utilization: 0%

Right of Way Unit

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

DIVISION 5

Project: 37673.2.TA1 (R-2721A) Wake County
NC 540 from NC 55 Bypass to East of SR 1152 (Holly Springs Road). Construct Freeway on New Location.
Scope of Work: Right of Way acquisition, negotiations, legal, appraisal, relocation assistance, asbestos removal and demolition
Estimated Construction Cost: \$161,900,000.00
Firm: THC Inc, Lawrenceville, GA
Maximum Engineering Fee: \$2,858,270.70
DBE/MBE/SPSF Utilization: Vistabution LLC
28% / \$795,000.00

Right of Way Unit

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

DIVISION 5

Project: 37673.2.TA2 (R-2721B) Wake County
NC 540 from East of SR 1152 (Holly Springs Road) to East of US 401. Construct Freeway on New Location.
Scope of Work: Right of Way acquisition, negotiations, legal, appraisal, relocation assistance, asbestos removal and demolition
Estimated Construction Cost: \$167,000,000.00
Firm: Vistabution LLC, Raleigh, NC
Maximum Engineering Fee: \$4,438,700.00
DBE/MBE/SPSF Utilization: 100%

Divisions

Divisions 5, 7, 8, and 9

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 5, 7, 8, and 9

Description of Work:	2016 Divisions 5, 7, 8, and 9 Planning and Design LSC
Firm:	Dewberry Engineers Inc, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$100,000.00
DBE/MBE/SPSF Utilization:	John Davenport Engineering Inc 5% / \$100,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 4% / \$80,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 4% / \$80,000.00

Division 10

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 10

Project:	34187.3.GV2 (I-3803B) Mecklenburg County and 34410.3.GV2 (R-2248E) Mecklenburg County and 34379.3.GV2 (R-2123CE) Mecklenburg County I-85 from South of SR 2894 (Speedway-Concord Mills Boulevard) in Mecklenburg County to NC 73 in Cabarrus County and I-485 (Charlotte Outer Loop) from East of NC 115 (Old Statesville Road) to I-85 North and I-485 (Charlotte Eastern Outer Loop)/I-85 Revise Interchange
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	I-3803B \$67,776,000.00 R-2248E \$32,904,000.00 R-2123CE \$32,904,000.00
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Original Engineering Fee:	\$10,000,000.00
Previous Supplemental Fee:	\$1,245,000.00
Supplemental Fee:	\$138,000.00
Supplemental Work:	Construction Engineering and Inspection Services
SPSF Utilization:	0%

Division 10

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 10

Project:	34533.5.TA9 (R-3329 and R-2559) Union County US 74 Bypass from I-485 (Charlotte Outer Loop) to US 74 (Monroe Bypass) Project Combined with R-2559 NCTA Project
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$195,985,000.00
Firm:	Summit Design and Engineering Services PLLC, Hillsborough, NC
Original Engineering Fee:	\$18,800,000.00
Supplemental Fee:	\$5,000,000.00
Supplemental Work:	Construction Engineering and Inspection Services
SPSF Utilization:	100%

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:	Kisinger Campo & Associates Corp, Tampa, FL
Original Engineering Fee:	\$5,000,000.00
Previous Supplemental Fee:	\$5,000,000.00
Supplemental Fee:	\$10,000,000.00
SPSF Utilization:	0%

Description of work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee:	\$5,000,000.00
Previous Supplemental Fee:	\$5,000,000.00
Supplemental Fee:	\$10,000,000.00
SPSF Utilization:	0%

Technical Services

Roadway Design 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:	2016 Planning & Design LSC
Firm:	Atkins North America Inc, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$3,000,000.00 and 6-month Time Extension
SPSF Utilization:	MI Engineering PLLC 3% / \$90,000.00
SPSF Utilization:	Hinde Engineering Inc 3% / \$90,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 5% / \$150,000.00

Environmental Analysis Unit – Noise, Air Quality & Cultural Resources

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 Traffic Noise Analysis and Air Quality Analysis Services Statewide LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$200,000.00
Supplemental Fee:	\$300,000.00
SPSF Utilization:	0%
Description of work:	2017 Traffic Noise Analysis and Air Quality Analysis Services Statewide LSC
Firm:	Stantec Consulting Services Inc, Raleigh, NC
Original Engineering Fee:	\$200,000.00
Supplemental Fee:	\$150,000.00
SPSF Utilization:	0%
Description of work:	2017 Traffic Noise Analysis and Air Quality Analysis Services Statewide LSC
Firm:	Tech Engineering Group PLLC, Raleigh, NC
Original Engineering Fee:	\$200,000.00
Previous Supplemental Fee:	\$200,000.00
Supplemental Fee:	\$300,000.00
DBE/MBE/SPSF Utilization:	100%

November 8, 2018

Environmental Analysis Unit – Public Involvement, Community Studies & Visualization (PICSviz)

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Limited English Proficiency Services on an as needed basis for various federal-aid and state funded projects to support the Environmental Analysis Unit. These contracts will expire January 17, 2020 with one (1) one-year extension possible or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work: 2018 Limited English Proficiency (LEP) Services LSC
Firm: A. Morton Thomas & Associates Inc, Raleigh, NC
Maximum Engineering Fee: \$100,000.00
SPSF Utilization: 0%

Description of Work: 2018 Limited English Proficiency (LEP) Services LSC
Firm: Kisinger Campo & Associates Corp, Tampa, FL
Maximum Engineering Fee: \$100,000.00
SPSF Utilization: 0%

Description of Work: 2018 Limited English Proficiency (LEP) Services LSC
Firm: Planning Communities, LLC, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
DBE/WBE/SPSF Utilization : 100%

Description of Work: 2018 Limited English Proficiency (LEP) Services LSC
Firm: Public Participation Partners, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2018 Limited English Proficiency (LEP) Services LSC
Firm: Quest Corporation of America Inc, Land O Lakes, FL
Maximum Engineering Fee: \$250,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2018 Limited English Proficiency (LEP) Services LSC
Firm: VHB Engineering NC, P.C., Watertown, MA
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Environmental Analysis Unit – Public Involvement, Community Studies & Visualization (PICSViz)

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

STATEWIDE

Description of Work: 2018 Visualization Team LSC
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: 0%

Description of Work: 2018 Visualization Team LSC
Firm: Kimley-Horn & Associates Inc, Raleigh, NC
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: 0%

Description of Work: 2018 Visualization Team LSC
Firm: RDV Systems Inc, Manchester, NH
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization : 0%

Description of Work: 2018 Visualization Team LSC
Firm: RS&H Architects-Engineers-Planners, Inc.,
Charlotte, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Visualization Team LSC
Firm: WSP USA Inc, Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Environmental Analysis Unit – Public Involvement, Community Studies & Visualization (PICSviz)

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:	2016 Limited English Proficiency LSC
Firm:	SpanishSpeaking, LLC, Lewisville, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	100%

**NCDOT NOVEMBER 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 Guilford	SR 3124 Stewart Mill Road	Grade, Base, Drain, & Pave Establish Funds 7C.041265	\$125,000.00

Item E Summary:

1 Projects to Establish Funds \$125,000.00

NCDOT November 8, 2018 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 3				
Pender	51720	0.03	Oakvale Carmalia Court	8/31/18
Division 4				
Edgecombe	51721	0.13	Ely Williamson Place Firestone Lane	6/7/18
Johnston	51722	0.27	Buena Vista Estates Ewing Drive	7/26/18
Johnston	51723	0.35 0.14 0.20	Fieldstone Manor Hillgrove Drive Elmhurst Drive Dairy Lane	7/24/18
Johnston	51724	0.39	Pine Ridge Demilt Drive	8/20/18
Johnston	51731	0.08	Powhatan Village Meherrin Court	8/1/18
Division 7				
Guilford	51725	0.47	Summers Pointe at Lake Townsend Extend SR 2653, Bobwhite Lane	5/8/15
Guilford	51726	0.14 0.09 0.07	Cedar Hollow Willow Glen Trail West Birch Bark Lane Crows Nest Lane	5/3/18
Guilford	51727	0.14	Gordon Farm Gordon Farm Way	10/3/16
Guilford	51728	0.12 0.26 0.15	Pearman Estates Broadus Court Julina Drive Yvonne Court	11/1/16
Guilford	51729	0.21	River Gate River Gate Court	4/25/18
Guilford	51730	0.35	J.N. McBane Rockledge Road	4/10/18

NCDOT November 8, 2018 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 7 (cont.)				
Guilford	51732	0.11 0.17	Stoney Creek South Golf House Court (East) Interstate Drive	5/31/18
Guilford	51733	0.39 0.05	Wellington Exmoor Trace Tyburn Court	6/28/18
Orange	51734	0.08 0.18	Annandale at Creek Wood Dumfries Lane Lochwood Court	6/14/18
Orange	51735	0.33 0.61	Pleasant Green Woods Greenbrook Lane Paper Birch Lane	6/1/18
Orange	51736	0.50 0.07 0.16	Westhampton Westhampton Way Brookford Court Weston Lane	6/9/18
Division 10				
Mecklenburg	51737	0.29 0.19 0.10 0.17 0.16	Montreux Rhone Valley Drive Alsace Drive Calverie Court Bastille Drive North Ardennes Drive	4/9/18
Division 11				
Wilkes	51738	0.13	Jolly Lane	9/25/18

NCDOT November 8, 2018 Board of Transportation Agenda

Abandonments from the State Highway System:

County	Pet. No.	Length Abandoned (Miles)	Description	Date of Report
Division 10				
Mecklenburg	51739	1.51	Portion of SR 2074, Neck Road	7/3/18
Mecklenburg	51740	0.50	All of SR 2146, Jim Cooke Road	9/12/18
Division 12				
Iredell	51741	0.68	Portion of SR 1311, Rankin Hill Road	10/1/18
Division 14				
Macon	51742	0.08	Portion of SR 1617, Holt Road	8/17/18

Summary: **Number of roads petitioned for addition – 35**
Number of roads petitioned for abandonment - 4

Minutes Corrections:

County	Requested Action
Onslow	In the October 2018 minutes, petition 51706 added Olde Towne Point Blvd at an incorrect distance of 0.11 miles. The correct addition length of Olde Towne Point Blvd should have been listed as 0.06 miles.
Scotland	In the October 2018 minutes, petition 51717 listed Heck Norton Rd with the wrong SR number (1420). It should have been listed as SR 1430.

NCDOT NOVEMBER 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 3 Onslow	City of Jacksonville – Installation of traffic signal at the intersection of Gum Branch Rd and Plantation WBS 48438	Small Construction TOTAL	\$100,000.00 \$100,000.00
Div 3 Sampson	Town of Autryville – Infrastructure upgrades at Autryville Fire Dept WBS 48425	Contingency TOTAL	\$35,000.00 \$35,000.00
Div 4 Johnston	Town of Archer Lodge – Roadway and pedestrian improvements to include construction of approximately 1,500 ft of concrete curb & gutter, storm drainage, and sidewalk along SR 1003 (Buffalo Rd) from SR 1702 (Archer Lodge Rd) headed north WBS 80094	Contingency TOTAL	\$400,000.00 \$400,000.00
Div 7 Caswell	Town of Yanceyville – WBS 48277 was established (09/18) to grade, drain, base, and pave 0.20 miles of Quail Meadows Rd for addition to state system Reduce Funds	Contingency TOTAL	(\$230,000.00) (\$230,000.00)
Div 7 Guilford	Town of Jamestown – WBS 44600 was established (11/15) to remove existing median island on SR 1546 (Guilford College Rd) to allow full access opening at a new City of Jamestown street; scope change to include installation of traffic signal and pavement markings Increase funds	Contingency TOTAL	\$200,000.00 \$200,000.00

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

Div 7 Orange	Town of Hillsborough – WBS 44227 was established (06/14) for grading, curb & gutter, crosswalks, and signal modifications on the west side of NC-86/US-70 Bus (South Churton St) from Tryon St to just south of Margaret St Increase funds	Small Construction <hr/> TOTAL	\$36,737.68 <hr/> \$36,737,68
Div 7 Orange	WBS 47418 was established (06/17) to install chain link fence on both sides of the Orange Grove Rd (SR 1006) bridge over I-40 Increase funds	Contingency <hr/> TOTAL	\$89,432.29 <hr/> \$89,432.29
Div 10 Mecklenburg	WBS 47809 was established (05/18) to widen Mt Holly-Huntersville Rd and add medians from intersection of Brookshire Blvd to 600' east of Pump Station Rd Increase funds	Contingency <hr/> TOTAL	\$500,000.00 <hr/> \$500,000.00
Div 12 Gaston	City of Lowell – Naming of Bridge # 252 as "Sgt. Larry K. Morrow, Vietnam-MIA, 5-29-72 Bridge" WBS 48426	Contingency <hr/> TOTAL	\$2,000.00 <hr/> \$2,000.00
Div 13 Buncombe & McDowell	City of Marion – Install digital warning signs at the bottom and top of Old Fort Mountain on I-40; Companion funds to SS-4913CX WBS 48293.3.1	Contingency <hr/> TOTAL	\$200,000.00 <hr/> \$200,000.00
Div 14 Clay	Guardrail installation, approximately 542 linear feet, at Haysville Middle School WBS 48427	Contingency <hr/> TOTAL	\$13,550.00 <hr/> \$13,550.00

Summary:	Number of Divisions	7
	Number of Projects	11
	Small Construction Commitment	\$136,737.69
	Public Access Commitment	\$0.00
	Contingency Commitment	\$1,209,982.29
	Economic Development Commitment	\$0.00
	High Impact/Low Cost Commitment	\$0.00
	TOTAL:	\$1,346,719.97

**NCDOT November 2018 Board of Transportation Agenda
Public Transportation Program**

Highway Division	5311 - Community Transportation Program	Total Amended Amount
	19-CT-017 Beaufort County Development Center, Inc. (Amendment) is applying for grant funding to cover selected administrative costs. The grant will cover the salaries and fringe benefits for the Transportation Manager (100%), Administrative Assistant (100%), Secretary (50%) and Transit Clerk (50%). Other items include, but are not limited to, rent, supplies, utilities, insurance for vehicles, dues, and travel. (March total was taken from the schedule incorrectly, this amendment will increase the original amount from \$139,600 to \$173,336: \$138,668 Fed/ \$8,666 State/\$26,002 Local). App# 6029.	ADMIN
		\$33,736 Total
		\$26,988 Federal
		\$1,686 State
2		\$5,062 Local

Item I-1: Total Projects 1: Total Federal and State (Amendment) \$28,674

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

Additions to the Transit 2018-2027 STIP

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TA-6712	NCDOT- PTD	Replacement of Transit Vehicles meeting useful life	CMAQ	CMAQ		6332								
			Local	L		1583								
TP-5157	Chapel Hill Transit	ADA Bus Stop Review and Design		FEDP		20								
			Local	L		20								
TA-6710	Go Durham	Replacement Vehicles	CMAQ	CMAQ		400								
			Local	L		100								

Modifications to the Transit 2018-2027 STIP

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TQ-7002	DCHC MPO/City of Durham	Admin of 5310 Program		FEDP		43								
			Local	L										

TQ-5104	Chapel Hill Transit	EZ Rider Senior Shuttle		FEDP		120									
			Local	L		120									
TG-6178A	GoDurham	Purchase of Service		FEDP		100									
			Local	L		25									
TQ-3001	Durham County Access	Purchase of Service		FEDP		100									
			Local	L		25									
TQ-3002	Orange County	Mobility Management				110									
			Local	L		28									
TQ-7008	Western Piedmont Regional Transit Authority	Program Administration	FEDP	5310		23									
TG-6797	Western Piedmont Regional Transit Authority	Preventive Maintenance	FUZ	STBGDA		334									
			L	Local		83									

Administrative Modifications to the Transit 2018-2027 STIP

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TQ-7010	Asheville Redefines Transit	Asheville Redefines Transit. 5310 Administrative Oversight.	FEPD	5310			33							

Item I-1A, (11) Projects, Total Federal and State funds \$7,615,000

NCDOT November 2018 Board of Transportation Agenda

Rail Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the November 8, 2018, Board of Transportation meeting.

ITEM I - 2 SUMMARY – NO PROJECTS

NCDOT November 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 November 8, 2018, Board of Transportation meeting.	

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT November 2018 Board of Transportation Agenda

Aviation Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the November 8, 2018, Board of Transportation meeting.

ITEM I - 4 SUMMARY – NO PROJECTS

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Dare Co. Div. 1 R-4457 REGIONAL	WBS 35730.1.3 US 158 at NC 12. Initial funds are requested for preliminary engineering.	\$10,000.00
Martin Co. Div. 1 R-5879 REGIONAL	WBS 48342.1.1 US 13/US 17, Main Street in Williamston. Initial funds are requested for preliminary engineering.	\$10,000.00
Beaufort Co. Div. 2 R-5897 REGIONAL	WBS 48343.1.1 NC 32 at Brick Kiln Road. Initial funds are requested for preliminary engineering.	\$10,000.00
Carteret Co. Div. 2 R-5884 REGIONAL	WBS 48344.1.1 NC 58 (Emerald Drive) at Loon Street. Initial funds are requested for preliminary engineering.	\$10,000.00
Carteret Co. Div. 2 R-5886 REGIONAL	WBS 48345.1.1 NC 58 (Emerald Drive) at SR 1000 (Coast Guard Road). Initial funds are requested for preliminary engineering.	\$10,000.00

**NC DOT November 2018 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Greene Co. Div. 2 R-5812 DIVISION	WBS 46981.2.1 US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91. Initial funds are requested for full right of way and utilities.	\$200,000.00
Greene Co. Div. 2 R-5898 REGIONAL	WBS 48346.1.1 NC 58 (Kingold Boulevard) from SR 1105 (Greenridge Road) to Carolina Drive. Initial funds are requested for preliminary engineering.	\$10,000.00
Pitt Co. Div. 2 U-6125 REGIONAL	WBS 48348.1.1 NC 33 (10th Street) from Oxford Road to SR 1702 (Evans Street). Initial funds are requested for preliminary engineering.	\$10,000.00
Pitt Co. Div. 2 U-6147 REGIONAL	WBS 48349.1.1 NC 43 (Charles Boulevard) from US 264A (Greenville Boulevard) to SR 1726 (Bells Fork Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Brunswick Co. Div. 3 U-6104 REGIONAL	WBS 48350.1.1 US 17 (Shalotte Bypass) at US 17 Business South (Main Street). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT November 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-6128 REGIONAL	WBS 48351.1.1 US 76 (Oleander Drive) at Greenville Loop Road and Greenville Avenue. Initial funds are requested for preliminary engineering.	\$10,000.00
Onslow Co. Div. 3 R-5885 REGIONAL	WBS 48353.1.1 NC 24 (West Corbett Avenue) from Belgrade-Swansboro Road to Front Street. Initial funds are requested for preliminary engineering.	\$10,000.00
Onslow Co. Div. 3 U-6148 REGIONAL	WBS 48352.1.1 US 258 / NC 24 at SR 1329 (Rhodestown Fire Department Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Pender Co. Div. 3 R-5877 REGIONAL	WBS 48354.1.1 US 17 at NC 210 (Surf City). Initial funds are requested for preliminary engineering.	\$10,000.00
Pender Co. Div. 3 R-5899 REGIONAL	WBS 48355.1.1 NC 210 at SR 1560 (Watts Landing Road). Initial funds are requested for preliminary engineering.	\$10,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pender Co. Div. 3 R-5900 REGIONAL	WBS 48356.1.1 NC 50 / NC 210 at SR 1534 (Belt Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Sampson Co. Div. 3 R-2303C STATEWIDE	WBS 34416.3.S1 NC 24 from SR 1404 (Dowdy Road) to SR 1303 (Mitchell Loop Road). \$53,700,000.00 has previously been approved for construction. Additional funds are requested due to additional work being added to the contract. This is a Strategic Transportation Investments Transition project.	\$4,500,000.00
Sampson Co. Div. 3 U-6126 REGIONAL	WBS 48328.1.1 NC 24 (Southwest Boulevard/MLK JR. Boulevard) at Butler Road/Tram Road. Initial funds are requested for preliminary engineering.	\$10,000.00
Edgecombe/ Nash Cos. Div. 4 U-6149 REGIONAL	WBS 48329.1.1 US 64 from NC 58 (Washington Street), Exit 459 to Thomas Road Overpass. Initial funds are requested for preliminary engineering.	\$10,000.00
Johnston/ Wake Cos. Divs. 4/5 U-6113 REGIONAL	WBS 48332.1.1 US 70 Business from Greenfield Parkway to NC 42. Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT November 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne Co. Div. 4 U-6110 REGIONAL	WBS 48334.1.1 US 70 (Future I-42) at SR 1711 (North Oak Forest Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Wilson Co. Div. 4 U-6111 REGIONAL	WBS 48358.1.1 NC 58 (Nash Street) at SR 1330 (Airport Road)/SR 1332 (Lake Wilson Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Durham Co. Div. 5 U-6118 REGIONAL	WBS 48360.1.1 NC 55 from Meridian Parkway to I-40 interchange in Durham Initial funds are requested for preliminary engineering.	\$10,000.00
Franklin Co. Div. 5 R-5893 REGIONAL	WBS 48361.1.1 NC 56 from SR 1114 (Peach Orchard Road) to US 401 in Louisburg. Initial funds are requested for preliminary engineering.	\$10,000.00
Granville Co. Div. 5 R-5707 REGIONAL	WBS 46379.2.1 NC 56 at US 15 and NC 50 in Creedmoor. \$500,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$250,000.00

**NCDOT November 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Person Co. Div. 5 U-5969 REGIONAL	WBS 45957.1.1 US 501 from south of US 158 to SR 1601 (North Main Street) in Roxboro. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$1,200,000.00
Vance Co. Div. 5 U-5890 DIVISION	WBS 44658.1.1 SR 1162 (Dabney Drive) from Coble Boulevard to US 158 Business in Henderson. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and design.	\$500,000.00
Wake Co. Div. 5 U-2901 REGIONAL	WBS 34877.1.6 NC 55 (Williams Street) from US 1 to north of SR 1160 (Olive Chapel Road) in Apex. \$1,800,000.00 has previously been approved for preliminary engineering. Additional funds are requested for final design.	\$1,400,000.00
Wake Co. Div. 5 U-5302 REGIONAL	WBS 48000.2.1 US 401 from south of SR 1006 (Old Stage Road) to south of SR 2538 (Mechanical Boulevard) in Garner Initial funds are requested for full right of way and utilities.	\$2,200,000.00
Wake Co. Div. 5 U-6112 REGIONAL	WBS 48367.1.1 US 401 at SR 1010 (Ten-Ten Road). Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 U-6116 REGIONAL	WBS 48368.1.1 US 401 from SR 1375 (Simpkins Road) to SR 2538 (Mechanical Boulevard) in Garner. Initial funds are requested for preliminary engineering.	\$10,000.00
Durham/ Orange Cos. Divs. 5/7 U-5774 REGIONAL	WBS 54037.1.1 NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham. \$1,235,125.00 has previously been approved for preliminary engineering. Additional funds are requested for design work.	\$500,000.00
Fayetteville/ Cumberland Co. Div. 6 U-2519CB STATEWIDE	WBS 34817.2.8 Fayetteville Outer Loop from south of SR 1400 (Cliffdale Road) to east of SR 1415 (Yadkin Road). \$31,833,896.00 has previously been approved for right of way and utilities. Additional funds are requested. This project has previously been identified as a Trust Funds Urban Loop project. This is a Strategic Transportation Investments Transition project.	\$1,000,000.00
Cumberland Co. Div. 6 U-6133 REGIONAL	WBS 48377.1.1 US 401 Business (Skibo Road) at SR 1400 (Cliffdale Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Cumberland Co. Div. 6 U-6152 REGIONAL	WBS 48378.1.1 US 401 (Robeson Street) from US 401 (Raeford Road) to Blount Street. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Harnett Co. Div. 6 R-5890 REGIONAL	WBS 48379.1.1 US 401 (North Main Street) from Parker Lane to McKinney Parkway. Initial funds are requested for preliminary engineering.	\$10,000.00
Robeson Co. Div. 6 R-5888 REGIONAL	WBS 48380.1.1 NC 41 (Martin Luther King Drive) from SR 2110 (Snake Road) to Sycamore Lane. Initial funds are requested for preliminary engineering.	\$10,000.00
Robeson Co. Div. 6 R-5904 REGIONAL	WBS 48381.1.1 NC 20 from SR 1743 (Covington Farm Road) to I-95. Initial funds are requested for preliminary engineering.	\$10,000.00
Alamance Co. Div. 7 U-6114 REGIONAL	WBS 48382.1.1 NC 62 (Alamance Road) at SR 1155 (Hatchery Road) / Bonnie Lane intersection in Burlington. Initial funds are requested for preliminary engineering.	\$10,000.00
Alamance Co. Div. 7 U-6115 REGIONAL	WBS 48383.1.1 NC 54 at I-40 / I-85 to south of SR 2107 (Whittemore Road) in Graham. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Alamance Co. Div. 7 U-6131 REGIONAL	WBS 48317.1.2 NC 54 (West Harden Street) at NC 49 (Maple Avenue) in Graham. Initial funds are requested for preliminary engineering.	\$10,000.00
Guilford/ Rockingham Cos. Div. 7 R-5889 REGIONAL	WBS 48394.1.1 US 29 (Future I-785) from SR 2565 (Hicone Road) in Greensboro to US 158 / NC 14 in Reidsville. Initial funds are requested for preliminary engineering.	\$10,000.00
Guilford Co. Div. 7 U-6108 REGIONAL	WBS 48395.1.1 US 220 / SR 2254 (Wendover Avenue) from US 220 (Battleground Avenue) in Greensboro. Initial funds are requested for preliminary engineering.	\$10,000.00
Guilford Co. Div. 7 U-6122 REGIONAL	WBS 48319.1.1 NC 68 from SR 1556 (Gallimore Dairy Road) to Triad Center Drive in Greensboro. Initial funds are requested for preliminary engineering.	\$10,000.00
Guilford Co. Div. 7 U-6127 REGIONAL	WBS 48396.1.1 NC 68 from SR 2129 (Fogleman Road) to SR 2017 / SR 2269 (Alcorn Road) in Oak Ridge. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Chatham/ Wake Cos. Divs. 5/8 R-5887 REGIONAL	WBS 48406.1.1 US 64 at NC 751. Initial funds are requested for preliminary engineering.	\$10,000.00
Montgomery Co. Div. 8 R-2527 STATEWIDE/ REGIONAL	WBS 35572.1.1 NC 24 - 27 from NC 73 to the Troy Bypass. \$3,892,020.00 has previously been approved for preliminary engineering. Additional funds are requested using Regional tier funding. This project has previously been identified as a Trust Fund Intrastate System project.	\$900,000.00
Moore Co. Div. 8 R-5891 REGIONAL	WBS 48397.1.1 US 15 / US 501 / NC 211 at SR 1205 / SR 1309 (Morganton Road) in Southern Pines. Initial funds are requested for preliminary engineering.	\$10,000.00
Moore Co. Div. 8 R-5892 REGIONAL	WBS 48398.1.1 NC 5 (Beulah Hill Road) from intersection of Trotter Drive / Blake Boulevard to NC 211 in Pinehurst. Initial funds are requested for preliminary engineering.	\$10,000.00
Moore Co. Div. 8 U-5814 REGIONAL	WBS 44387.2.1 US 15/ US 501/ NC 211 from US 1 (Sandhills Boulevard) to Brucewood Road in Aberdeen and Southern Pines. Initial funds are requested for full right of way.	\$500,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Moore Co. Div. 8 U-5814 REGIONAL	WBS 44387.2.2 US 15/ US 501/ NC 211 from US 1 (Sandhills Boulevard) to Brucewood Road in Aberdeen and Southern Pines. Initial funds are requested for utilities.	\$1,750,000.00
Moore Co. Div. 8 U-5815B REGIONAL	WBS 54041.2.4 US 1 (Sandhills Boulevard) from Knight Street in Aberdeen to Old US 1 in Southern Pines, SR 1112 (Roseland Road). Initial funds are requested for full right of way.	\$1,000,000.00
Moore Co. Div. 8 U-5815B REGIONAL	WBS 54041.2.5 US 1 (Sandhills Boulevard) from Knight Street in Aberdeen to Old US 1 in Southern Pines, SR 1112 (Roseland Road). Initial funds are requested for utilities.	\$1,750,000.00
Richmond/ Scotland Cos. Div. 8 I-6055 REGIONAL	WBS 48399.1.1 US 74 / Future I-74 from US 74 Business east of Hamlet to US 74 Business west of Laurinburg. Initial funds are requested for preliminary engineering.	\$10,000.00
Winston- Salem/ Forsyth Co. Div. 9 R-2247CB REGIONAL	WBS 34409.2.7 Winston-Salem Northern Beltway from north of the US 421 Interchange to SR 1314 (Robinhood Road). \$1,249,497.00 has previously been approved for specific parcels. Additional funds are requested. This project has previously been identified as a Trust Fund Urban Loop project.	\$175,000.00

**NCDOT November 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Forsyth Co. Div. 9 U-6003 DIVISION	WBS 47138.2.1 New route from SR 1969 (Piney Grove Road) to NC 150 (North Main Street) in Kernersville. Initial funds are requested for full right of way and utilities.	\$2,000,000.00
Rowan Co. Div. 9 U-6130 REGIONAL	WBS 48321.1.1 US 29 at NC 152 in China Grove. Initial funds are requested for preliminary engineering.	\$10,000.00
Anson Co. Div. 10 R-5878B REGIONAL	WBS 48407.1.3 Wadesboro Bypass from US 52 north of Wadesboro to US 74 east of Wadesboro. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-6053 REGIONAL	WBS 48412.1.1 I-85 at SR 2480 (Sugar Creek Road) interchange. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-6056 REGIONAL	WBS 48413.1.1 I-77 at US 21 / SR 2108 (Sunset Road) interchange. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-6109 REGIONAL	WBS 48410.1.1 US 521 (Lancaster Highway / Johnston Road) from South Carolina state line to SR 4979 (Ballantyne Commons Parkway). Initial funds are requested for preliminary engineering.	\$10,000.00
Union Co. Div. 10 U-5703A STATEWIDE	WBS 50129.3.2 US 74 (Roosevelt Boulevard) at SR 1514 (Rocky River Road). Initial funds are requested for construction.	\$1,900,000.00
Mecklenburg/ Iredell Cos. Divs. 10/12 I-5992 STATEWIDE	WBS 47699.3.1 I-77 from Mile Marker 11 to Mile Marker 20 and Mile Marker 24.5 to Mile Marker 37. \$11,600,000.00 has previously been approved for construction. Additional funds are requested for a supplemental agreement.	\$14,000,000.00
Alleghany Co. Div. 11 R-4060 DIVISION	WBS 34605.3.2 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. \$6,400,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$165,000.00
Ashe Co. Div. 11 AV-5750 DIVISION	WBS 46344.2.1 Ashe County Airport (GEV). Acquire land and existing hangars north of runway 10 threshold and adjacent to airport property. \$350,000.00 has previously been approved for full right of way and utilities. Additional funds are requested for land acquisitions costs, survey grant administration closing costs and appraisal review.	\$35,000.00

**NCDOT November 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Avery Co. Div. 11 R-5902 REGIONAL	WBS 48414.1.1 NC 184 from NC 105 to SR 1342 (Hickory Nut Gap Road) in Banner Elk. Initial funds are requested for preliminary engineering.	\$10,000.00
Surry Co. Div. 11 R-5895 REGIONAL	WBS 48415.1.1 NC 103 (East Pine Street) at SR 1742 (Quaker Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Surry Co. Div. 11 R-5901 REGIONAL	WBS 48416.1.1 NC 89 (West Pine Street) at SR 1397 (Round Peak Church Road) intersection. Initial funds are requested for preliminary engineering.	\$10,000.00
Watauga Co. Div. 11 R-5903 REGIONAL	WBS 48417.1.1 US 421 from the Tennessee line to US 321 - US 421 Junction near Vilas. Initial funds are requested for preliminary engineering.	\$10,000.00
Watauga Co. Div. 11 U-5715 STATEWIDE	WBS 50131.2.1 US 321/421, NC 194 (King Street) at College Street intersection. \$45,000.00 has previously been approved for full right of way and utilities. Additional funds are requested to cover acquisition costs.	\$410,000.00

**NCDOT November 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Yadkin Co. Div. 11 R-5894 REGIONAL	WBS 48418.1.1 US 421 at US 601 (South State Street) Initial funds are requested for preliminary engineering.	\$10,000.00
Yadkin Co. Div. 11 R-5896 REGIONAL	WBS 48419.1.1 US 601 from NC 67 to (SR 1502/1503) Country Club Road. Initial funds are requested for preliminary engineering.	\$10,000.00
Alexander Co. Div. 12 U-6151 REGIONAL	WBS 48411.1.1 NC 16 from Catawba River to US 61 in Taylorsville. Initial funds are requested for preliminary engineering.	\$10,000.00
Catawba Co. Div. 12 U-6135 REGIONAL	WBS 48318.1.1 NC 127 (2nd Street Northeast / North Center Street) from 8th Avenue Northeast to SR 1327 (30th Avenue Northwest). Initial funds are requested for preliminary engineering.	\$10,000.00
Gaston Co. Div. 12 U-5821 DIVISION	WBS 44393.1.1 NC 279 (New Hope Road) from SR 2478 (Titman Road) to SR 2435 (Union Hope Road). \$600,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$700,000.00

**NCDOT November 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Gaston Co. Div. 12 U-6138 REGIONAL	WBS 48323.1.1 NC 279 (North New Hope Road) at US 29 / US 74 (Franklin Boulevard). Initial funds are requested for preliminary engineering.	\$10,000.00
Gaston Co. Div. 12 U-6141 REGIONAL	WBS 48325.1.1 US 29 / US 74 (Franklin Boulevard) at SR 2329 (Redbud Drive). Initial funds are requested for preliminary engineering.	\$10,000.00
Gaston Co. Div. 12 U-6143 REGIONAL	WBS 48326.1.1 NC 7 (East Catawba Street) at US 74 (Wilkinson Boulevard). Initial funds are requested for preliminary engineering.	\$10,000.00
Gaston Co. Div. 12 U-6146 REGIONAL	WBS 48392.1.1 US 74 (Wilkinson Boulevard) from Market Street to SR 2015 (Alberta Avenue). Initial funds are requested for preliminary engineering.	\$10,000.00
Gaston Co. Div. 12 U-6150 REGIONAL	WBS 48359.1.1 NC 273 at SR 2525 (South Point Road). Initial funds are requested for preliminary engineering.	\$10,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Iredell Co. Div. 12 U-6145 REGIONAL	WBS 48363.1.1 NC 3 from Cabarrus-Iredell County Line to SR 1147 (Rocky River Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Lincoln Co. Div. 12 R-0617C REGIONAL	WBS 34350.1.6 NC 150 from US 321 at Lincoln to the US 321 Bypass. Initial funds are requested for preliminary engineering.	\$10,000.00
Lincoln Co. Div. 12 R-5712 REGIONAL	WBS 50208.2.1 NC 16 Business at intersection of NC 16 Business and SR 1439 (Unity Church Road)/SR 1387 (Triangle Circle). Initial funds are requested for full right of way and utilities.	\$1,920,000.00
Lincoln Co. Div. 12 U-6134 REGIONAL	WBS 48364.1.1 NC 16 Bypass at SR 1380 (Optimist Club Road) intersection. Initial funds are requested for preliminary engineering.	\$10,000.00
Lincoln Co. Div. 12 U-6136 REGIONAL	WBS 48366.1.1 NC 27 (East Main Street) at SR 1294 (Lithia Inn Road) intersection. Initial funds are requested for preliminary engineering.	\$10,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Lincoln Co. Div. 12 U-6137 REGIONAL	WBS 48369.1.1 NC 27 (East Main Street) at US 321 to NC 27 / NC 150. Initial funds are requested for preliminary engineering.	\$10,000.00
Lincoln Co. Div. 12 U-6139 REGIONAL	WBS 48387.1.1 NC 73 from SR 1383 (Ingleside Farm Road) to NC 16. Initial funds are requested for preliminary engineering.	\$10,000.00
Lincoln Co. Div. 12 U-6140 REGIONAL	WBS 48371.1.1 NC 27 (East Main Street) from US 321 to US 321 Business (Generals Boulevard). Initial funds are requested for preliminary engineering.	\$10,000.00
Lincoln Co. Div. 12 U-6142 REGIONAL	WBS 48373.1.1 NC 73 Extension from US 321 to SR 1356 (Camp Creek Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Lincoln Co. Div. 12 U-6144 REGIONAL	WBS 48374.1.1 NC 16 from SR 1389 (Fairfield Forest Road) to SR 1379 (Webbs Road). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT November 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 I-6054C REGIONAL	WBS 48393.1.4 I-40 from SR 1200 (Wiggins Road) to SR 1224 (Monte Vista Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Burke Co. Div. 13 U-6123 REGIONAL	WBS 48388.1.1 US 64 (Burkemont Avenue) at US 70 (West Fleming Drive). Initial funds are requested for preliminary engineering.	\$10,000.00
Rutherford Co. Div. 13 R-2597A REGIONAL	WBS 35608.1.3 US 221 north of SR 1366 (Roper Loop Road) to SR 1325 (Nanny Town Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Rutherford Co. Div. 13 R-5880 REGIONAL	WBS 48385.1.1 US 221 at SR 2201 (Thunder Road)/SR 1005 (Coxe Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Henderson Co. Div. 14 U-6124 REGIONAL	WBS 48386.1.1 NC 280 (Boylston Highway) from NC 191 (Haywood Road) to NC 191 (Old Haywood Road). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT November 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Jackson Co. Div. 14 R-5600 REGIONAL	WBS 45818.1.2 NC 107 from NC 116 to US 23 Business, SR 1432 (Skyland Drive) to Municipal Drive. Initial funds are requested for advanced property / utility relocation studies.	\$25,000.00
Jackson Co. Div. 14 R-5881 REGIONAL	WBS 48375.1.1 US 64 at NC 107. Initial funds are requested for preliminary engineering.	\$10,000.00
Polk Co. Div. 14 I-4729A REGIONAL	WBS 34243.3.2 I-26 / US 74 / NC 108 interchange. \$16,000,000.00 has previously been approved for construction. Additional funds are requested for supplemental agreements.	\$10,400,000.00
Polk Co. Div. 14 R-5756 DIVISION	WBS 46441.3.1 Realignment of SR 1326 (Pea Ridge Road) and John Sheehan Road and construction of a roundabout at the intersection with US 74. \$2,659,057.00 has previously been approved for construction. Additional funds are requested.	\$500,000.00
Transylvania Co. Div. 14 R-5882 REGIONAL	WBS 48376.1.1 US 64 (South Broad Street) at US 64 Business (South Caldwell Street), SR 1116 (North Country Club Road). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT November 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide M-0194 STATEWIDE	WBS 34263.1.1 Feasibility Studies by Division of Planning and Programming. \$43,300,381.00 has previously been approved for feasibility studies. Additional funds are requested. This project has previously been identified as a Trust Fund Specific State Funds for Construction project.	\$10,000,000.00
*** Correction and resubmission from September 6, 2018 Board Approval (Page K-5) As reads:		
Wake Co. Div. 5 R-5705C REGIONAL	WBS 46377.1.4 NC 55 south of SR 2791 (Kennebec Church Road) to SR 4809 (Jicarilla Lane). \$760,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$757,050.97) as break C is not now funded in the STIP. WBS will be closed.	-\$757,050.97
***The correction should be:		
Wake Co. Div. 5 R-5705C REGIONAL	WBS 46377.1.4 NC 55 south of SR 2791 (Kennebec Church Road) to SR 4809 (Jicarilla Lane). \$760,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$747,006.73). WBS will remain open.	-\$747,006.73
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	6 PROJECTS	\$31,810,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	87 PROJECTS	\$23,810,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	7 PROJECTS	\$4,100,000.00
STATEWIDE/REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$900,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	101 PROJECTS	\$60,620,000.00

November 8, 2018

**NCDOT November 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
McAdenville/ Gaston Co. Div. 12 SS-4912BX	WBS 44864.3.1 SR 2209 (Wesleyan Drive) from approx. 400 feet south of NC 7 (Main Street)/SR 2000 (Hickory Grove Road) to NC 7 (Main Street)/SR 2000 (Hickory Grove Road). \$20,000.00 in Spot Safety construction funds has previously been approved for pedestrian safety improvements. Project was constructed under a bridge improvement project. Delete project and reduce funds. File 12-16-204-1	-\$19,856.56
ITEM L SUMMARY	1 PROJECT	-\$19,856.56

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

Division 2

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Carteret Co. B-4863 DIVISION	40212.1.3, BRSTP-1335(004) Replace lift spans on Bridge #73 and Bridge #96 over the Straits at Harkers Island on SR 1335. \$2,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$3,250,000.00 Cost \$2,600,000.00 Fed. \$650,000.00 State
Jones Co. B-5994 DIVISION	48189.3.1, BRZ-1142(013) Replace Bridge #32 over Tuckahoe Swamp on SR 1142. Funds are needed for construction to replace bridge.	\$1,268,000.00 Cost \$1,014,400.00 Fed. \$253,600.00 State

Rail Program

Carteret Co. Z-5700BB DIVISION	44803.3.13, RR-1101(017) Railway-Highway Grade Crossing Safety Projects at two locations: SR 1101 (Weatherington Landing Road) and Camp Lejeune Railroad Crossing 722 893C and at SR 1102 (Farin Ward Road) and Camp Lejeune Railroad Crossing 722 891N. \$375,000.00 has previously been approved for construction. Additional funds are needed to install grade crossing flashers and gates.	\$95,000.00 Cost \$85,500.00 Fed. \$9,500.00 State
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**NCDOT November 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Sampson Co. B-6049 DIVISION	48324.1.1, BRZ-1206(011) Replace Bridge #72 over Great Coharie Creek on SR 1206. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

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

Division 4

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Johnston Co. B-6044 STATEWIDE	48330.1.1, NHPB-0095(054) Replace Bridge #82 and Bridge #85 over Black Creek on I-95. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Safety

Wilson Co. W-5601DQ REGIONAL	50138.3.122, HSIP-0264(061) US 264 Alternate (Raleigh Road Parkway) at Hayes Place and the median crossover approximately 900 feet west of SR 1001 (Lamm Road). Funds are needed for construction to modify median crossovers.	\$625,000.00 Cost \$562,500.00 Fed. \$62,500.00 State
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**NCDOT November 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Durham Co. EB-4707A DIVISION	38664.3.3, STPDA-0537(002) SR 1838 / SR 2220 (Old Durham Road / Chapel Hill Road) from US 15 / US 501 to SR 1113 (Pope Road). Funds are needed for construction to widen roadway and install bike lanes and sidewalks.	\$2,844,000.00 Cost \$2,275,200.00 Fed. \$568,800.00 Local

Safety

Divisionwide W-5705X DIVISION	44851.3.24, HSIP-00SS(016) Various secondary roads in Highway Division 5. Funds are needed for construction to install thermoplastic pavement markings.	\$1,300,000.00 Cost \$1,170,000.00 Fed. \$130,000.00 State
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**NCDOT November 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-5601FO DIVISION	50138.3.172, HSIP-1831(005) SR 1831 (Baywood Road) at SR 1832 (Murphy Road). Funds are needed for construction to install a roundabout.	\$1,700,000.00 Cost \$1,530,000.00 Fed. \$170,000.00 State
Robeson Co. W-5706R DIVISION	44852.1.18, HSIP-1984(003) SR 1984 (Linkhaw Road) at future crosswalk location approximately 600 feet east of SR 1997 (Fayetteville Road). Funds are needed for preliminary engineering.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State

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

Division 7

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Orange Co. B-6037 REGIONAL	48404.1.1, NHPB-0086(022) Replace Bridge #49 over the Norfolk Southern Railway on NC 86. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Rockingham Co. B-6038 REGIONAL	48405.1.1, NHPB-0014(004) Replace Bridge #155 over the Norfolk Southern Railway on NC 14 / NC 87. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Rail Program

Guilford Co. Z-5700GB DIVISION	44803.3.40, RR-1332(004) Railway-Highway Grade Crossing Safety Project at SR 1332 (Scientific Street) and Norfolk Southern Crossing 722 352A in High Point. Funds are needed for construction to revise grade crossing signals and gates.	\$350,000.00 Cost \$315,000.00 Fed. \$35,000.00 State
Guilford Co. Z-5700GB DIVISION	44803.1.40, RR-1332(004) Railway-Highway Grade Crossing Safety Project at SR 1332 (Scientific Street) and Norfolk Southern Crossing 722 352A in High Point. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State

Bicycle and Pedestrian

Guilford Co. EB-5518 DIVISION	50034.3.3, STPEB-0708(068) Latham Park Greenway from Battle Ground Avenue to Mendenhall Street in Greensboro. Funds are needed for construction to modify lanes and install a multi-use path.	\$400,000.00 Cost \$320,000.00 Fed. \$70,000.00 State \$10,000.00 Local
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**NCDOT November 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Moore Co. ER-5600HI DIVISION	46305.3.49, STP-0829(010) 2018-2019 Annual Planting project for the Pinehurst Traffic Circle located at US 15 / US 501, NC 11 and NC 2. Funds are needed for vegetation management and landscape improvements.	\$45,000.00 Cost \$36,000.00 Fed. \$9,000.00 State

Safety

Divisionwide W-5708I DIVISION	44854.3.9, HSIP-00SS(021) Various secondary roads in Highway Division 8. Funds are needed for construction to install thermoplastic pavement markings.	\$947,000.00 Cost \$852,300.00 Fed. \$94,700.00 State
Hoke Co. W-5708J DIVISION	44854.1.10, HSIP-1418(006) SR 1418 (Lindsay Road) at the SR 1420 (Gillis Hill Road) intersection. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Randolph Co. W-5708K REGIONAL	44854.1.11, HSIP-0064(202) US 64 (Dixie Drive) at the Lowes Foods Driveway and at Center Pointe Plaza in Asheboro. Funds are needed for preliminary engineering.	\$6,000.00 Cost \$5,400.00 Fed. \$600.00 State

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

Division 9

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Forsyth Co. I-5952 STATEWIDE	45901.3.1, NHPIM-0040(073) I-40 from SR 1101 (Harper Road) in Clemmons to east of US 421 / Business 40 in Winston-Salem. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 17, 2018.	\$11,924,000.00 Cost \$9,539,200.00 Fed. \$2,384,800.00 State

Congestion Mitigation

Rowan Co. C-5603H EXEMPT	43713.1.8, CMAQ-0914(036) Brenner Avenue Improvement Project - Brenner Avenue from Statesville Boulevard (near Catawba College) to West Horah Street (near Livingston College) and Brenner Avenue at Link Avenue in Salisbury. Funds are needed for preliminary engineering.	\$55,000.00 Cost \$44,000.00 Fed. \$11,000.00 Local
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Safety

Divisionwide W-5709G STATEWIDE	44855.1.7, HSIP-0085(046) Upgrade guardrails on I-85 between the Cabarrus and Randolph County Lines. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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**NCDOT November 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Anson Co. B-6048 DIVISION	48322.1.1, BRZ-1812(003) Replace Bridge #39 over Jones Creek on SR 1812. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Stanly Co. B-6046 DIVISION	48409.1.1, BRZ-1917(003) Replace Bridge #102 over Long Creek on SR 1917. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Safety

Mecklenburg Co. W-5710GB REGIONAL	44856.2.33, HSIP-0052(058) US 52 from the Norwood City Limits northward to NC 138. Funds are needed for full right of way and utilities.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State
Union Co. W-5710AI REGIONAL	44856.1.37, HSIP-0218(016) NC 218 and SR 1606 (Sikes Mill Road) near Fairview. Funds are needed for preliminary engineering.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State

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

Division 12

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Catawba Co. B-6041 STATEWIDE	48408.1.1, NHPB-0040(082) Replace Bridge #177 and Bridge #178 over Lyle Creek on I-40. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Safety

Catawba Co. W-5712O DIVISION	44858.3.15, HSIP-00SS(018) Various secondary roads in Catawba County. Funds are needed for construction to install thermoplastic pavement markings.	\$511,000.00 Cost \$459,900.00 Fed. \$51,100.00 State
Cleveland Co. W-5712B DIVISION	44858.3.2, HSIP-2263(002) SR 2263 (Margrace Road) and SR 2487 (Kings Mountain Boulevard). Funds are needed for construction to upgrade guardrails.	\$980,000.00 Cost \$882,000.00 Fed. \$98,000.00 State
Gaston Co. W-5212N REGIONAL	45342.3.14, HSIP-0279(010) NC 279 (Dallas Cherryville Highway) from SR 1438 (Saint Marks Church Road) to Tandem Drive near Dallas. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 17, 2018.	\$10,127,000.00 Cost \$9,114,300.00 Fed. \$1,012,700.00 State
Lincoln Co. W-5712N DIVISION	44858.3.14, HSIP-00SS(017) Various secondary roads in Lincoln County. Funds are needed for construction to install thermoplastic pavement markings.	\$701,000.00 Cost \$630,900.00 Fed. \$70,100.00 State

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

Division 12 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Alexander Co. R-5792AH DIVISION	44922.3.13, TAP-1229(031) ADA Ramps (Americans with Disabilities Act) for areas with a population < 5,000. Funds are needed for construction to construct concrete curb ramps and retrofit existing ramps.	\$41,000.00 Cost \$32,800.00 Fed. \$8,200.00 State
Catawba Co. R-5792AB DIVISION	44922.3.7, TAP-1229(027) ADA Ramps (Americans with Disabilities Act) for areas with a population > 5,000. Funds are needed for construction to construct concrete curb ramps and retrofit existing ramps.	\$278,000.00 Cost \$222,400.00 Fed. \$55,600.00 State
Cleveland Co. R-5792AA DIVISION	44922.3.6, TAP-1229(024) ADA Ramps (Americans with Disabilities Act) for areas with a population > 5,000. Funds are needed for construction to construct concrete curb ramps and retrofit existing ramps.	\$153,000.00 Cost \$122,400.00 Fed. \$30,600.00 State
Gaston Co. R-5792AF DIVISION	44922.3.10, TAP-1229(026) ADA Ramps (Americans with Disabilities Act) for areas with a population > 5,000. Funds are needed for construction to construct concrete curb ramps and retrofit existing ramps.	\$478,000.00 Cost \$382,400.00 Fed. \$95,600.00 State
Iredell Co. R-5792AC DIVISION	44922.3.8, TAP-1229(029) ADA Ramps (Americans with Disabilities Act) for areas with a population > 5,000. Funds are needed for construction to construct concrete curb ramps and retrofit existing ramps.	\$49,000.00 Cost \$39,200.00 Fed. \$9,800.00 State
Iredell Co. R-5792AE DIVISION	44922.3.12, TAP-1229(030) ADA Ramps (Americans with Disabilities Act) for areas with a population < 5,000. Funds are needed for construction to construct concrete curb ramps and retrofit existing ramps.	\$92,000.00 Cost \$73,600.00 Fed. \$18,400.00 State
Lincoln Co. R-5792AG DIVISION	44922.3.11, TAP-1229(028) ADA Ramps (Americans with Disabilities Act) for areas with a population > 5,000. Funds are needed for construction to construct concrete curb ramps and retrofit existing ramps.	\$87,000.00 Cost \$69,600.00 Fed. \$17,400.00 State

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

Division 13

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
McDowell Co. B-6040 REGIONAL	48389.1.1, NHPB-0070(225) Replace Bridge #127 over the Norfolk Southern Railway on US 70. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
Rutherford Co. B-6047 DIVISION	48390.1.1, BRZ-2125(003) Replace Bridge #145 over Floyds Creek on SR 2125. Funds are needed for preliminary engineering.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Safety

Rutherford Co. W-5713R REGIONAL	44861.1.18, HSIP-0221(049) Install guardrails on US 221 Alternate from the South Carolina State Line to SR 2018 (Old Main Street) near Cliffside. Funds are needed for preliminary engineering.	\$35,000.00 Cost \$31,500.00 Fed. \$3,500.00 State
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**NCDOT November 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Haywood Co. C-5612C EXEMPT	43734.4.1, CMAQ-1420(011) Smokey Mountain Region education and outreach program to improve congestion and air quality. Funds are needed for the implementation of the regional program.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 Local

Enhancement

Haywood Co. ER-5600NA STATEWIDE	46305.3.53, STBG-0040(083) Haywood County I-40 Welcome Center. Funds are needed for site development and landscape enhancements.	\$315,000.00 Cost \$252,000.00 Fed. \$63,000.00 State
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Safety

Haywood Co. W-5714H DIVISION	44862.1.8, HSIP-1887(001) SR 1887 (Chinquapin Road) from US 276 to the end of state maintenance near Cruso. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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**NCDOT November 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide M-0426E EXEMPT	45122.1.7, NCAC-00SS(019) Legacy Leadership Professional Development Training - NCDOT Assessment Center improvements. Funds are needed to support training, education and workforce development.	\$15,000.00 \$15,000.00	Cost Fed.
Statewide M-0426F EXEMPT	45122.1.8, TMIT-00SS(020) Legacy Leadership Professional Development Training - Training materials and instructional technology improvements. Funds are needed to support training, education and work force development.	\$75,000.00 \$75,000.00	Cost Fed.

ITEM M SUMMARY - 46 PROJECTS - (TOTAL FEDERAL AND STATE) \$39,451,200.00

**HIGHWAY PROGRAM
STIP ADDITIONS**

DIVISION 2

* R-5777D US 70 (FUTURE I-42), INSTALL BROADBAND FIBER
CARTERET FROM I-40 TO MOREHEAD CITY PORT.
CRAVEN PROJECT PROGRAMMED FOR PLANNING AND
JOHNSTON ENVIRONMENTAL STUDY ONLY DUE TO RECENT
LENOIR AWARD OF FEDERAL INFRA GRANT.
WAKE
WAYNE
PROJ.CATEGORY
STATEWIDE

DIVISION 5

* B-5673	SR 1630 (GREEN LEVEL CHURCH ROAD), REPLACE	RIGHT-OF-WAY	FY 2020 -	\$130,000	(STBG OFF)
WAKE	BRIDGE 910061 OVER KIT CREEK IN CARY.	CONSTRUCTION	FY 2021 -	<u>\$1,310,000</u>	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT RE-ADDED TO STIP AT THE REQUEST OF</u>			\$1,440,000	
DIVISION	<u>DIVISION 5 AND STRUCTURES MANAGEMENT UNIT.</u>				

DIVISION 6

* I-5986A	I-95, I-95 BUSINESS/US 301 (EXIT 56) TO SR 1001 (LONG	RIGHT-OF-WAY	FY 2019 -	\$32,000,000	(T)
CUMBERLAND	BRANCH ROAD - EXIT 71). WIDEN TO EIGHT LANES.	UTILITIES	FY 2019 -	\$2,000,000	(T)
HARNETT	<u>PROJECT ADDED DUE TO RECENT AWARD OF</u>	CONSTRUCTION	FY 2019 -	\$12,350,000	(T)
PROJ.CATEGORY	<u>FEDERAL INFRA GRANT.</u>		FY 2019 -	\$117,000,000	(O)
STATEWIDE			FY 2020 -	\$78,217,000	(T)
			FY 2021 -	\$78,217,000	(T)
			FY 2022 -	<u>\$78,217,000</u>	(T)
				\$398,001,000	

* INDICATES FEDERAL AMENDMENT

Thursday, November 08, 2018

**HIGHWAY PROGRAM
STIP ADDITIONS**

DIVISION 6

* I-5986C I-95, INSTALL BROADBAND FIBER FROM SOUTH
CUMBERLAND CAROLINA STATE LINE TO VIRGINIA STATE LINE.
HALIFAX PROJECT PROGRAMMED FOR PLANNING AND
HARNETT ENVIRONMENTAL STUDY ONLY DUE TO RECENT
JOHNSTON AWARD OF FEDERAL INFRA GRANT.
NASH
NORTHAMPTON
ROBESON
WILSON
PROJ.CATEGORY
STATEWIDE

DIVISION 10

* EB-5949	PINEVILLE, NC 51 CORRIDOR ACCESS MANAGEMENT.	CONSTRUCTION	FY 2020 -	\$1,175,000	(STBGDA)
MECKLENBURG	CLOSURE OF EXISTING JOHNSTON DRIVE		FY 2020 -	<u>\$1,435,000</u>	(L)
PROJ.CATEGORY	INTERSECTION ALONG NC 51 AND RELOCATION OF			\$2,610,000	
DIVISION	JOHNSTON DRIVE TO LINE UP WITH EXISTING CHURCH STREET INTERSECTION. <u>PROJECT ADDED AT REQUEST OF MPO.</u>				

* EB-5950	WAXHAW, NC 16 TO SUNSET HILL ROAD. KENSINGTON	RIGHT-OF-WAY	FY 2019 -	\$421,000	(STBGDA)
UNION	DRIVE CORRIDOR IMPROVEMENT PROJECT.		FY 2019 -	\$170,000	(L)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2020 -	\$1,382,000	(STBGDA)
DIVISION			FY 2020 -	<u>\$556,000</u>	(L)
				\$2,529,000	

STIP MODIFICATIONS

DIVISION 1

* U-5942	ELIZABETH CITY, ELIZABETH CITY SIGNAL SYSTEM.	UTILITIES	FY 2019 -	\$100,000	(STBG)
PASQUOTANK	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2019 -	<u>\$2,600,000</u>	(STBG)
PROJ.CATEGORY	<u>DESIGN DELAY UTILITIES FROM FY 18 TO FY 19</u>			\$2,700,000	
REGIONAL					

* INDICATES FEDERAL AMENDMENT

Thursday, November 08, 2018

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 2

R-5812	US 13 BYPASS, NC 58 (KINGOLD BOULEVARD) TO NC	RIGHT-OF-WAY	FY 2019 -	\$500,000	(T)
GREENE	91. WIDEN TO THREE LANES WITH CENTER TURN	UTILITIES	FY 2019 -	\$500,000	(T)
PROJ.CATEGORY	LANE.	BUILD NC CONST	FY 2019 -	\$429,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2020 -	\$429,000	(T)
	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</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-	\$1,716,000	(T)
		CONSTRUCTION	FY 2019 -	\$300,000	(T)
				\$7,735,000	

DIVISION 3

U-5788	US 17 BUSINESS (MAIN STREET), WALL	RIGHT-OF-WAY	FY 2019 -	\$785,000	(T)
BRUNSWICK	STREET/SHALLOTTE AVENUE. REALIGN	CONSTRUCTION	FY 2020 -	\$700,000	(T)
PROJ.CATEGORY	INTERSECTION.			\$1,485,000	
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>				

DIVISION 4

* C-5546	ROCKY MOUNT, BENVENUE ROAD (NC 43/NC 48) AT	CONSTRUCTION	FY 2019 -	\$130,000	(CMAQ)
NASH	JEFFREYS ROAD. INTERSECTION IMPROVEMENTS.			\$130,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
EXEMPT	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

I-5870 WAKE PROJ.CATEGORY STATEWIDE	I-440 / US 1, WEST OF RIDGE ROAD TO EAST OF US 70 (GLENWOOD AVENUE) IN RALEIGH. CONSTRUCT NEW INTERCHANGE AT RIDGE ROAD TO CONNECT WITH CRABTREE VALLEY AVENUE, REALIGN I-440 / US 1 INTERCHANGE WITH US 70 (GLENWOOD AVENUE), REALIGN AND WIDEN CRABTREE VALLEY AVENUE BETWEEN SR 3009 (EDWARDS MILL ROAD) AND RIDGE ROAD, AND REPLACE BRIDGE 910494 OVER CRABTREE CREEK ON SR 1670 (BLUE RIDGE ROAD).	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$115,000,000 (T) FY 2022 - \$1,200,000 (T) FY 2022 - \$5,325,000 (T) FY 2023 - \$25,294,000 (T) FY 2024 - \$25,294,000 (T) FY 2025 - \$50,587,000 (T)	
	<u>PROJECT DESCRIPTION REVISED TO INCLUDE BRIDGE REPLACEMENT PER STRUCTURES MANAGEMENT UNIT.</u>		\$222,700,000	
U-5537 WAKE PROJ.CATEGORY DIVISION	SR 1521 (LAKE PINE DRIVE), WIDEN TO 3 LANES - NORTH OF MACGREGOR PINES ROAD TO NORTH OF VERSAILLES DRIVE. INCL. 10 FT MULTIUSE PATH EAST SIDE; 5 FT SIDEWALK WEST SIDE.	CONSTRUCTION	FY 2019 - \$668,000 (STBGDA) FY 2019 - \$167,000 (L)	
	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>		\$835,000	
U-5889 WAKE PROJ.CATEGORY DIVISION	SR 1115 (AVENT FERRY ROAD), SR 1116 (CASS HOLT ROAD) TO NC 55 BYPASS IN HOLLY SPRINGS. WIDEN TO MULTILANES, WITH INTERSECTION IMPROVEMENTS AT SR 1116 (CASS HOLT ROAD), SR 1101 (PINEY GROVE-WILBON ROAD) AND NC 55 BYPASS.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$1,139,000 (T) FY 2020 - \$137,000 (T) FY 2021 - \$6,270,000 (T)	
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>		\$7,546,000	
U-5928 WAKE PROJ.CATEGORY DIVISION	APEX PEAKWAY, JAMES STREET TO TOWHEE DRIVE. CONSTRUCT GRADE SEPARATED INTERCHANGE FOR APEX PEAKWAY AT SOUTH SALEM STREET AND CSX RR.	CONSTRUCTION	FY 2019 - \$2,500,000 (STBGDA) FY 2019 - \$10,000,000 (L)	
	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>		\$12,500,000	
U-5937 DURHAM PROJ.CATEGORY STATEWIDE	NC 147 (DURHAM FREEWAY), SR 1127 (WEST CHAPEL HILL STREET) TO BRIGGS AVENUE IN DURHAM. CONSTRUCT AUXILIARY LANES AND OPERATIONAL IMPROVEMENTS.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$4,950,000 (T) FY 2023 - \$4,950,000 (T) FY 2022 - \$216,000 (T) FY 2024 - \$11,750,000 (T) FY 2025 - \$11,750,000 (T) FY 2026 - \$11,750,000 (T) FY 2027 - \$11,750,000 (T)	
	<u>CHANGE PROJECT LIMITS (REVISED NORTHERN TERMINUS) AT THE REQUEST OF MPO AND DIVISION TO CORRESPOND TO PROJECT STUDY AREA.</u>		\$57,116,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

U-6094 WAKE PROJ.CATEGORY DIVISION	SR 1152 (HOLLY SPRINGS ROAD), EAST OF NC 55 TO FLINT POINT LANE IN HOLLY SPRINGS. WIDEN FROM 2 TO 4 LANES. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$798,000 (STBGDA) FY 2019 - \$199,000 (L) FY 2020 - \$1,217,000 (STBGDA) FY 2020 - \$304,000 (L) <u>\$2,518,000</u>
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DIVISION 6

AV-5747 ROBESON PROJ.CATEGORY DIVISION	LUMBERTON REGIONAL AIRPORT (LBT), PARTIAL PARALLEL TAXIWAY RUNWAY 5. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>	CONSTRUCTION	FY 2020 - \$453,000 (T) \$453,000
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* I-5877 HARNETT PROJ.CATEGORY STATEWIDE	I-95, SR 1811 (BUD HAWKINS ROAD) (EXIT 70) AND SR 1001 (LONG BRANCH ROAD) (EXIT 71). IMPROVE INTERCHANGES. <u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 19.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$1,080,000 (T) FY 2019 - \$6,833,000 (T) FY 2020 - \$6,833,000 (T) FY 2021 - \$6,834,000 (T) <u>\$21,580,000</u>
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* I-5878 HARNETT PROJ.CATEGORY STATEWIDE	I-95, US 421 (EXIT 73) AND SR 1793 (POPE ROAD) (EXIT 72). IMPROVE INTERCHANGES. <u>DUE TO FUNDING CHANGE FROM FEDERAL TO STATE, UPDATE CONSTRUCTION FISCAL YEAR FROM FY 20 TO FY 21.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$6,250,000 (NHFP) FY 2018 - \$4,500,000 (NHP) FY 2021 - \$14,000,000 (T) FY 2022 - \$14,000,000 (T) <u>\$38,750,000</u>
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* I-5883 HARNETT PROJ.CATEGORY STATEWIDE	I-95, SR 1808 (JONESBORO ROAD) (EXIT 75) AND SR 1709 (HODGES CHAPEL ROAD) (EXIT 77). IMPROVE INTERCHANGES. <u>DUE TO FUNDING CHANGE FROM FEDERAL TO STATE, UPDATE CONSTRUCTION FISCAL YEAR FROM FY 20 TO FY 21.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$5,163,000 (NHFP) FY 2018 - \$3,063,000 (NHP) FY 2021 - \$8,533,000 (T) FY 2022 - \$8,533,000 (T) FY 2023 - \$8,534,000 (T) <u>\$33,826,000</u>
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 6

I-5986B HARNETT JOHNSTON PROJ.CATEGORY STATEWIDE	I-95, SR 1001 (LONG BRANCH ROAD - EXIT 71) TO I-40 (EXIT 81). WIDEN TO EIGHT LANES. <u><i>DUE TO FUNDING CHANGE FROM FEDERAL TO STATE, UPDATE CONSTRUCTION FISCAL YEAR FROM FY 20 TO FY 21.</i></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$42,100,000 (T) FY 2019 - \$700,000 (T) FY 2021 - \$43,500,000 (T) FY 2022 - \$43,500,000 (T) FY 2023 - \$43,500,000 (T) FY 2024 - \$43,500,000 (T)	
			\$216,800,000	

DIVISION 7

* P-5713 GUILFORD PROJ.CATEGORY STATEWIDE	NORTH CAROLINA RAILROAD (NCRR) / NORFOLK SOUTHERN RAILROAD, SR 1424 (HILLTOP ROAD) IN GREENSBORO. CONVERT AT-GRADE CROSSING TO GRADE SEPARATION. <u><i>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 21 AND CONSTRUCTION FROM FY 24 TO FY 22 PER DIVISION OFFICE REQUEST.</i></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$1,600,000 (T) FY 2022 - \$2,668,000 (T) FY 2022 - \$267,000 (O) FY 2023 - \$2,667,000 (T)	
			\$7,202,000	

DIVISION 9

R-5768 STOKES PROJ.CATEGORY DIVISION	US 311, NC 65 IN WALNUT COVE. UPGRADE INTERSECTION AND IMPROVE RAILROAD CROSSING. <u><i>TOWN NEEDS ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</i></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$1,249,000 (STBG) FY 2019 - \$300,000 (STBG) FY 2020 - \$2,150,000 (STBG)	
			\$3,699,000	

R-5828 STOKES PROJ.CATEGORY DIVISION	US 311 (NORTH MAIN STREET), SR 1918 (FIRST STREET) IN WALNUT COVE. CONSTRUCT ROUNDBOUT. <u><i>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 19 TO BETTER COORDINATE TRAFFIC IMPACTS OF ADJOINING PROJECT, PER DIVISION OFFICE REQUEST.</i></u>	CONSTRUCTION	FY 2019 - \$1,450,000 (T) \$1,450,000	
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* U-5899 FORSYTH PROJ.CATEGORY DIVISION	NEW ROUTE, FORUM PARKWAY CONNECTOR, SR 3955 (FORUM PARKWAY) TO NC 66 (UNIVERSITY PARKWAY) IN RURAL HALL. CONSTRUCT 2-LANE ROADWAY ON NEW LOCATION. <u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$994,000 (T) FY 2019 - \$119,000 (T) FY 2021 - \$10,500,000 (T)	
			\$11,613,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

U-6003	NEW ROUTE, SR 1969 (PINEY GROVE ROAD) TO NC 150	RIGHT-OF-WAY	FY 2019 -	\$972,000	(T)
FORSYTH	(NORTH MAIN STREET) IN KERNERSVILLE.	UTILITIES	FY 2019 -	\$500,000	(T)
PROJ.CATEGORY	CONSTRUCT TWO-LANE DIVIDED FACILITY WITH	CONSTRUCTION	FY 2022 -	<u>\$12,524,000</u>	(T)
DIVISION	BICYCLE / PEDESTRIAN ACCOMMODATIONS.			\$13,996,000	

**ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 19
TO MAKE MORE TIME AVAILABLE TO ACQUIRE RIGHT-
OF-WAY AND MOVE UTILITIES, PER DIVISION OFFICE
REQUEST.**

DIVISION 10

B-5817	SR 1634 (GRASSY ISLAND ROAD), REPLACE BRIDGE	CONSTRUCTION	FY 2019 -	\$2,530,000	(FLAP)
ANSON	030007 OVER BROWN CREEK. NC FLAP DOT 1634(1).		FY 2019 -	\$633,000	(S(M))
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>			\$3,163,000	
EXEMPT	<u>CONSTRUCTION FROM FY 18 TO FY 19.</u>				

C-4916C	OAKWOOD AVENUE, WINDSOR DRIVE TO ROGERS	CONSTRUCTION	FY 2019 -	\$449,000	(CMAQ)
CABARRUS	LAKE ROAD		FY 2019 -	<u>\$112,000</u>	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>			\$561,000	
EXEMPT	<u>CONSTRUCTION FROM FY 18 TO FY 19</u>				

* EB-5775	CORNELIUS, SOUTH PRONG ROCKY RIVER	CONSTRUCTION	FY 2018 -	\$1,468,000	(TAPDA)
MECKLENBURG	GREENWAY (SOUTH STREET - MAIN STREET).		FY 2018 -	<u>\$367,000</u>	(L)
PROJ.CATEGORY	CONSTRUCT GREENWAY.			\$1,835,000	
DIVISION	<u>ADD ADDITIONAL TAP-DA FUNDING PER MPO.</u>				

EB-5817	CORNELIUS, MCDOWELL CREEK GREENWAY,	CONSTRUCTION	FY 2019 -	\$1,400,000	(TAPDA)
MECKLENBURG	MAGNOLIA PLAZA TO WESTMORELAND ROAD.		FY 2019 -	\$1,200,000	(L)
PROJ.CATEGORY	CONSTRUCT GREENWAY.			\$2,600,000	
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

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 DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</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	
* 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>MODIFY PROJECT SCOPE, LIMITS, AND FUNDING AMOUNT AT THE REQUEST OF THE DIVISION</u>	CONSTRUCTION	FY 2019 - \$100,000 (NHPIM) \$100,000	
* I-5798 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-485, I-85 TO ROCKY RIVER ROAD. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2018 - \$12,700,000 (NHPIM) \$12,700,000	
U-5723 UNION PROJ.CATEGORY STATEWIDE	EXISTING US 74, US 601 INTERCHANGE. CONSTRUCT IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR 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 - \$300,000 (T) FY 2020 - \$8,000,000 (T) \$8,300,000	
* U-5956 CABARRUS PROJ.CATEGORY REGIONAL	US 29, REALIGN UNION CEMETERY ROAD TO INTERSECT US 29 AT ROCK HILL CHURCH ROAD AND CONSTRUCT IMPROVEMENTS ALONG US 29 FROM 0.6 MILE WEST OF ROCK HILL CHURCH ROAD TO JUST EAST OF ROCK HILL CHURCH ROAD. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$1,000,000 (T) FY 2020 - \$500,000 (T) FY 2020 - \$8,100,000 (T) \$9,600,000	

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 10

U-6106 MECKLENBURG PROJ.CATEGORY DIVISION	HUNTERSVILLE, SR 2136 (GILEAD ROAD), SR 2120 (MCCOY ROAD) TO WYNFIELD CREEK PARKWAY. WIDEN ROADWAY TO 4-LANES DIVIDED. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$1,000,000 (L) FY 2020 - \$400,000 (STBGDA) FY 2020 - \$100,000 (L) FY 2021 - \$2,700,000 (STBGDA) FY 2021 - \$2,100,000 (L) <u>\$6,300,000</u>
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DIVISION 11

* R-3430 BURKE CALDWELL * R-3430C CALDWELL PROJ.CATEGORY DIVISION	SR 1001 (MALCOLM BLVD/CONNELLY SPRINGS ROAD), US 70 TO SR 1933 (SOUTH-WEST BOULEVARD) IN LENOIR. WIDEN TO MULTI-LANES. <u>PROJECT LIMIT MODIFICATION AND ADD SEGMENTS A, B AND C PER DIVISION.</u> SR 1001 (CONNELLY SPRINGS ROAD), CATAWBA RIVER TO SR 1933 (SOUTH-WEST BOULEVARD) <u>PROJECT LIMIT MODIFICATION AND ADD SEGMENT A PER DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$13,750,000 (T) FY 2023 - \$13,750,000 (T) FY 2022 - \$2,000,000 (T) FY 2023 - \$2,000,000 (T) FY 2024 - \$11,750,000 (T) FY 2025 - \$11,750,000 (T) FY 2026 - \$11,750,000 (T) FY 2027 - \$11,750,000 (T) <u>\$78,500,000</u>
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DIVISION 12

EB-5808 BURKE CALDWELL CATAWBA PROJ.CATEGORY DIVISION	HICKORY, UPGRADE CURRENT PEDESTRIAN SIGNALS AND INSTALL NEW PEDESTRIAN SIGNALS. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19 PER MPO.</u>	CONSTRUCTION	FY 2019 - \$322,000 (STBGDA) FY 2019 - \$80,000 (L) <u>\$402,000</u>
* U-5800 GASTON PROJ.CATEGORY REGIONAL	NC 7, INTERSECTION OF NC 7/US 74 AND NC 7/US 29. CONSTRUCT NORTHBOUND THROUGH LANE AND INTERSECTION IMPROVEMENTS. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$90,000 (T) FY 2021 - \$4,000,000 (T) <u>\$4,090,000</u>

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 12

* U-5821	NC 279 (NEW HOPE ROAD), SR 2478 (TITMAN ROAD) TO	RIGHT-OF-WAY	FY 2019 -	\$18,200,000	(T)
GASTON	SR 2435 (UNION-NEW HOPE ROAD). WIDEN TO 4-		FY 2020 -	\$18,200,000	(T)
PROJ.CATEGORY	LANES.	UTILITIES	FY 2019 -	\$3,900,000	(T)
DIVISION	<u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>	CONSTRUCTION	FY 2021 -	\$8,033,000	(T)
			FY 2022 -	\$8,033,000	(T)
			FY 2023 -	\$8,034,000	(T)
				\$64,400,000	

DIVISION 13

EB-5807	MORGANTON, MORGANTON DOWNTOWN GREENWAY	RIGHT-OF-WAY	FY 2019 -	\$50,000	(STBGDA)
BURKE	CONNECTOR.		FY 2019 -	\$13,000	(L)
PROJ.CATEGORY	<u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 18 TO FY 19.</i></u>	CONSTRUCTION	FY 2019 -	\$1,000,000	(STBG)
DIVISION			FY 2019 -	\$285,000	(STBGDA)
			FY 2019 -	\$321,000	(L)
				\$1,669,000	

* R-3430A	SR 1001 (MALCOLM BOULEVARD), US 70 TO CATAWBA	RIGHT-OF-WAY	POST YR-	\$10,000,000	(T)
BURKE	RIVER.	UTILITIES	POST YR-	\$2,000,000	(T)
	<u><i>PROJECT LIMIT MODIFICATION AND ADD SEGMENT A PER DIVISION.</i></u>	CONSTRUCTION	POST YR-	\$20,000,000	(T)
				\$32,000,000	

* R-3430B	SR 1001 (CONNELLY SPRINGS ROAD), CONSTRUCT	RIGHT-OF-WAY	FY 2021 -	\$500,000	(HFB)
BURKE	NEW PARALLEL BRIDGE OVER CATAWBA RIVER.	CONSTRUCTION	FY 2022 -	\$8,750,000	(HFB)
PROJ.CATEGORY	<u><i>PROJECT LIMIT MODIFICATION AND ADD SEGMENT B PER DIVISION.</i></u>		FY 2023 -	\$8,750,000	(HFB)
HWY FUNDS				\$18,000,000	

DIVISION 14

* R-5734A	US 23/US 441, US 64 TO SR 1652 (WIDE HORIZON	CONSTRUCTION	FY 2019 -	\$5,650,000	(T)
MACON	DRIVE)/SR 1152 (BELDEN CIRCLE).		FY 2020 -	\$5,650,000	(T)
PROJ.CATEGORY	<u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>			\$11,300,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 14

* U-5840 HENDERSON PROJ.CATEGORY DIVISION	SR 1547 (OLD AIRPORT ROAD), US 25 TO MILLS GAP ROAD. WIDEN ROADWAY. <u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>	CONSTRUCTION	FY 2019 - \$3,600,000 (T) FY 2020 - <u>\$3,600,000</u> (T) \$7,200,000
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STIP DELETIONS

DIVISION 3

* EB-5928 BRUNSWICK PROJ.CATEGORY DIVISION	HOLDEN BEACH, EXISTING SIDEWALK AT OCEAN BOULEVARD AND HOLDEN BEACH ROAD TO CONNECT WITH COMMUNITY SPACE. CONSTRUCT SIDEWALK. <u><i>DELETE AT THE REQUEST OF MPO.</i></u>	CONSTRUCTION	FY 2019 - \$27,000 (TAPDA) FY 2019 - <u>\$7,000</u> (L) \$34,000
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DIVISION 10

* C-5502 CABARRUS PROJ.CATEGORY EXEMPT	LITTLE TEXAS ROAD, LITTLE TEXAS ROAD IN KANNAPOLIS, FOREST PARK DRIVE TO EXISTING SIDEWALK SOUTH OF MISSION TRIPP STREET. CONSTRUCT 800 FEET OF SIDEWALK. <u><i>DELETE PROJECT TO BE CONSTRUCTED UNDER EB-5844 PER DIVISION</i></u>
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* EB-5710 MECKLENBURG PROJ.CATEGORY DIVISION	US 29/NC 49 (NORTH TRYON STREET) TO THE PLAZA/PARKWOOD AVENUE. CONVERT ROADWAY TO INCLUDE BICYCLE LANES ALON EACH SIDE. <u><i>DELETE PROJECT PER CITY OF CHARLOTTE.</i></u>	CONSTRUCTION	FY 2018 - <u>\$400,000</u> SRTS \$400,000
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* I-5906 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-85, I-77 TO US 29/49 CONNECTOR. PAVEMENT REHABILITATION. <u><i>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT I-5905.</i></u>	CONSTRUCTION	FY 2022 - \$3,075,000 (NHPIM) FY 2023 - <u>\$3,075,000</u> (NHPIM) \$6,150,000
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* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM

ITEM N SUMMARY

ADDITIONS	6 PROJECTS	\$404,580,000
MODIFICATIONS	40 PROJECTS	
DELETIONS	4 PROJECTS	\$6,584,000
	50 PROJECTS	\$397,996,000

* INDICATES FEDERAL AMENDMENT

Thursday, November 08, 2018

NCDOT November 8, 2018 Board of Transportation Agenda

SUMMARY: There are a total of 32 agreements for approval by the Board of Transportation

Division 2

City of Greenville
Pitt County
M-0528CI
48232.3.9

This Project consists of the Eastern Northern Carolina Freight Mobility Plan. The Municipality is responsible for the Project. The Department shall reimburse eligible costs up to \$240,000 (80%) in SPR funding and \$45,000 (15%) in state funding. The Municipality will be responsible for the remaining \$15,000 (5%) and all costs that exceed the total available funding of \$300,000.

Town of Beaufort
Carteret County
U-6058
47482.3.1

This Project consists of improvements on US 70 (Live Oak Street) at NC 101; construct one-lane roundabout. The Department shall prepare the environmental and/or planning document, project plans and specifications, acquire any needed right of way and construct the project. At the request of the Municipality, the Department shall include in its contract the construction of pedestrian facilities within the project limits. The Municipality shall reimburse the Department 20% of the actual cost of the work. The estimated reimbursement from the Municipality is \$4,689.

Division 3

Cape Fear Community College
(CFCC)
New Hanover County

This Rail Agreement memorializes a Memorandum of Understanding (MOU) between the Department and CFCC to define their commitment to the design and construction of a building (CFCC Building) to be constructed in Wilmington as part of the Wilmington Multi-modal Transportation Center. Initially the space will be used to house CFCC classrooms and offices on upper levels and provide a location for a future passenger rail station on lower levels. The CFCC commits to pursuing funding for all design and construction of the building, and the Department will provide the land upon which the building will be constructed. The site of this Transportation Center is located between North 3rd Street and North 4th Street, and between Red Cross Street and Hanover Street.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 4

Town of Tarboro
Edgecombe County
C-5619A
50059.1.2
50059.2.2
50059.3.2

This Project consists of the construction of sidewalks along West Wilson Street and North Main Street in Tarboro. The Town is responsible for the preconstruction activities and the Department will construct and perform contract administration for the Project. The federal STBGDA funds allocated for the project is \$420,000 at 80% of estimated cost. The Municipality will be responsible for providing the 20% (\$105,000) non-federal match and all costs that exceed the total available funding (\$525,000).

Division 5

Town of Garner
Wake County
U-6099
48365.3.1

This Project consists of road widening, access improvements, new signals and signal revisions on Jones Sausage Road from E. Garner Road to I-40 in Garner. The Municipality is responsible for all phases of the Project. The Department shall participate in the actual Project costs up to a maximum amount of \$4,500,000 (estimated costs are \$4,500,000). Costs which exceed this amount shall be borne by the Municipality.

City of Raleigh
Wake County
B-5130
42289.3.3

This Project consists of replacing Bridge 318 on SR 1321 (Avent Ferry Road) over Lake Johnson. This Utility Construction Agreement (UCA) is for the adjustment and/or relocation of water lines. The Municipality shall be responsible for the actual cost of the relocation work. The estimated cost is \$97,956.

City of Raleigh
Wake County
Y-4805F
40325.3.F68

This Project consists of construction of a proposed crossing closure at SR 2513 (Fayetteville Street) and the Carolina Coastal railway tracks. This Utility Construction Agreement (UCA) is for the adjustment and/or relocation of water and sewer lines. The Municipality shall be responsible for the actual cost of the relocation work. The estimated cost is \$346,340.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 5, cont.

City of Raleigh and
Capital Area MPO (CAMPO)
Wake County
M-0528CA
48232.3.1

This Project consists of analyzing the major commuter corridors in the region for mobility and safety needs today and into the future and identify appropriate improvements, across all planned modes in those corridors. CAMPO will be responsible for all phases of the work. The Department will participate in 100% of the costs of the project up to a maximum of \$80,000 in federal SPR funds and \$20,000 in state match. The Municipality will be responsible for all costs that exceed the available funding.

United States Department of
Agriculture, Animal and Plant
Health Inspection Service,
Wildlife Services
Wake County
AP.RA.RX37.72.0042

This Cooperative Service Agreement is for the Department to provide beaver damage management services to reduce or eliminate property damage and threats to human health and safety caused by beaver activities. Work will be conducted at wetland / stream mitigation sites identified in the Beaver Management Assistance Program. The Department shall provide the Agency an annual amount of \$12,000 per year for the next 5 years for a maximum of \$60,000.

City of Durham
Durham County
5.1032SM

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 Durham. 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 Durham
Durham County
5.1032SM

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 Durham. The Department shall pay the Municipality an annual approved cost for the traffic control system operation, maintenance, and administrative costs as per the Agreement.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 5, cont.

Town of Holly Springs
Wake County
SM-5705T
48424.3.1

This Project consists of superstreet improvements on the NC 55 Bypass north of the intersection of SR 1114 (Ralph Stephens Road) and Teal Lake Road in Holly Springs. The Municipality is responsible for all aspects of the Project. The Department shall participate in the costs of the project in an amount not to exceed \$350,000. Costs which exceed this amount shall be borne by the Municipality.

CSX Transportation, Inc. (CSXT)
Wake County
P-5737
48153.1.1

The Department and CSXT, on November 4, 2011, entered into a Master Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement project would be identified through a separate written Agreement to the MEA. This Addendum #16 to the MEA provides the terms for CSXT to review the design plans for the proposed Millbrook Road (SR 2108) Railroad Grade Separation project. The Department will prepare and submit the plans to CSXT for review and approval. CSXT will review the Department's plans and will be responsible for preparing the project's railroad signal plans. The Department will reimburse CSXT 100% of the costs performed by CSXT. The estimated cost of the project is \$150,000.

Division 7

Town of Chapel Hill
Orange County
U-4726IK
36268.3.36

This Project consists of the construction of sidewalk on Homestead Road from Seawell School Road to Weaver Dairy Road Extension in Chapel Hill. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of eligible expenses up to a maximum of \$428,750 in STBGDA funds. The Municipality shall provide the 20% non-federal match (\$107,188) and all costs that exceed the total available funding (\$535,938).

Town of Hillsborough
Research Triangle Regional
Public Authority (GoTriangle)
Orange County
P-5701
46395

This Rail Agreement covers the preliminary engineering, construction, and maintenance of the Hillsborough train station and platform. The Municipality will perform all design and construction work and will be responsible for maintenance of the station. The Department will reimburse the Municipality up to \$7,380,000 towards the actual cost of the project. GoTriangle will participate in the cost of the project up to \$686,000, and the Municipality will contribute up to \$34,000. The estimated cost of the project is \$8,100,000.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 7, cont.

City of High Point
Guilford County
Z-5700GC
44803

This Rail Agreement covers the design and construction of highway-rail grade crossing safety improvements consisting of active traffic control warning devices and related roadway safety improvements on Norfolk Southern Railway (NSR) track, MP M-1.68 Crossing # 713 784A - Ogden Street. The Department will be responsible for coordinating with NSR for the warning device work pursuant to the terms of its Master Agreement. The Municipality will be responsible for any roadway work pursuant to the terms of this Agreement. The Department will be responsible for 90% of the cost of the work, and the Municipality will be responsible for 10% of the cost of the work. The estimated total cost of the project is \$400,000.

Division 9

Winston-Salem
Forsyth County
9.203412

This Municipal Maintenance Agreement (Traffic Schedule A) provides for the installation, repair and maintenance of traffic signs and supports by the Municipality on the State Highway System Streets located within the Municipality. The Department shall be billed quarterly by the Municipality for the cost of signs and supports as per the Agreement.

Winston-Salem
Forsyth County
9.203412

This Municipal Maintenance Agreement (Traffic Schedule B) provides for the installation and maintenance of pavement marking materials and pavement markers on the State Highway System Streets located within the Municipality. The Department shall be billed quarterly by the Municipality for the cost of pavement marking as per the Agreement.

Division 10

City of Charlotte
Mecklenburg County
M-0522
47433.1.13

This Project consists of a feasibility study for improvements to Albemarle Road (NC 24/27) to the Catawba County Line. The Department shall perform the study. The Municipality shall participate in 20% of the costs of the project in the amount of \$50,142.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 10, cont.

City of Charlotte
Mecklenburg County
C-5613L
43735.1.16
43735.2.16

This Project consists of the realignment of SR 2025 (Miranda Road) to tie into SR 2042 (Oakdale Road) at SR 2041 (Simpson Road) and construction of roundabouts at the intersections of SR 2025 (Miranda Road) and SR 2042 (Oakdale Road) and SR 2108 (Sunset Road)/SR 2040 (Lawing Road) in Charlotte. The Department will participate in the PE and ROW phases of the Project in CMAQ funding up to a maximum amount of \$1,177,125. The Municipality shall provide the non-federal match in the amount of \$588,312 and all costs that exceed the total estimated cost of \$1,765,437. This agenda item supersedes the item that was approved by the BOT on September 6, 2018.

Charlotte Water
Mecklenburg and Iredell
Counties
I-5405/I-3311C/I-4750AA
45454.3.5

This Project consists of improvements on I-77 from I-277 (Brookshire Freeway) to Catawba Avenue (Exit 36); I-277 from I-77 to Exit 3A/B; construct High Occupancy Toll (HOT) lanes and convert existing High Occupancy Vehicle (HOV) lanes to HOT lanes in Mecklenburg and Iredell Counties. This Utility Construction Agreement (UCA) is for the adjustment and/or relocation of water and sewer lines. The Municipality shall reimburse the Department the entire cost of the utility work. The estimated reimbursement is \$2,868,470.73.

Town of Indian Trail
Union County
EB-5723
50419.1.1
50419.2.1
50419.3.1
50419.3.2

This Project consists of constructing a multi-use path on US 74 from SR 1520 (Indian Trail Fairview Road) to SR 1367 (Unionville Indian Trail Road), and from SR 1367 (Unionville Indian Trail Road) to Oakwood Lane. This Supplemental Agreement is to increase funding, modify the Project funding source, and split the project construction into two phases. The Department's original participation was \$2,992,000. The Department agrees to reimburse the Municipality an additional \$1,000,000 for a total of \$2,879,000 (80%) in STBGDA funds and \$1,113,000 (80%) in TAP funds for a maximum reimbursement of \$3,992,000. The Municipality's original participation was \$748,000. The Municipality will provide an additional \$250,000 for a total of \$998,000 as their local match, and all costs that exceed the total available funding.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 10, cont.

City of Albemarle
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. 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 Municipality shall relocate and adjust any municipally-owned utilities. At the request of the Municipality, the Department shall include in its contract the construction of pedestrian facilities within the project limits. The Municipality shall reimburse the Department 30% of the actual cost of the work. The estimated reimbursement from the Municipality is \$92,363.

Division 11

Caldwell County Railroad
(CWCY)
Caldwell County
U-5776
50187

This Rail Agreement covers the permanent closure of the at-grade rail crossing of SR 1106 Duke Street, Crossing # 729 837U, MP HG 97.85. This Agreement is an acknowledgement that the funding and construction of the closing of the at-grade rail crossing will be covered under a separate agreement for the Department's TIP Project U-5776.

Caldwell County Railroad
Company (CWCY)
Caldwell County
U-5776
50187.1.1

This Rail Agreement covers CWCY's construction and flagging costs for work on Hunters Creek Lane extension at MP HG 97.47. CWCY will perform all of the work within the railroad right-of-way, and the Department will perform all work outside the railroad right-of-way. The Department will be responsible for all costs incurred by CWCY. The estimated project cost is \$125,000. Due to an increase in materials and construction costs, the estimated project costs have changed from \$125,000 to \$260,000. This agenda item supersedes the item that was approved by the BOT on May 3, 2018.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 12

City of Hickory
Catawba County
EB-5937
48178.1.1
48178.2.1
48178.3.1

This Project consists of the construction of a 3,180 feet concrete multi-use path (Book Walk) from South Center Street to 7th Street SW. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STP (\$1,500,000), TAPDA (\$300,000) and STBGDA (\$200,000) funds allocation, not to exceed \$2,000,000. The Municipality will be responsible for providing the 20% (\$500,000) non-federal match for the STP, TAPDA and STBGDA funds authorized and all costs that exceed the total available funding.

City of Hickory
Catawba County
EB-5938
48179.1.1
48179.2.1
48179.3.1

This Project consists of the construction of a 3,160 feet concrete multi-use path (Book Walk South) from 1st Street SW and 7th Avenue SW to US 70. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STP (\$2,400,000) and TAPDA (\$800,000) funds allocation, not to exceed \$3,200,000. The Municipality will be responsible for providing the 20% (\$800,000) non-federal match for the STP and TAPDA funds authorized and all costs that exceed the total available funding.

Lincoln County
17BP.12.R.104

This Design-Build Project consists of replacement of Bridge No. 540057 on SR 1248 (Southfork Road) on the South Fork Catawba River in Lincoln County. This Utility Construction Agreement (UCA) is for the adjustment and/or relocation of water lines. The County shall reimburse the Department a lump sum payment of \$27,424 for the utility work.

City of Newton
Catawba County
R-3100A/B
34522.3.5

This Project consists of improvements on NC 16 from north of SR 1814 (Caldwell Road) to SR 1895 (Tower Road). This Supplemental Utility Agreement (UCA) expands the scope of the project to include upgrades to the municipally-owned water lines. The Municipality shall reimburse the Department 100% of said utility betterment work. The estimated reimbursement is \$279,600.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 12, cont.

City of Claremont
Catawba County
45858

This Project consists of grading, drainage, and paving of approximately 1400 ft of industrial access road (BGA Drive) for new industrial facility. The Municipality shall perform the work. This Supplemental Agreement is to increase funding. The Department shall participate an additional \$70,000 of State Economic Development funds towards the cost of the project.

Waste Management Industries
(WM)
Piedmont and Northern
Railroad, LLC (PNRW)
Gaston County

This Rail Agreement covers the installation of warning devices and associated roadway safety improvements at the private railway grade crossing of PNRW, Crossing #930 713A, MP SFC-19.100, at WM near Lowell. PNRW will be responsible for the installation of the warning devices and collateral roadway work. The Department will provide equipment from its inventory in an "as-is" condition without warranty. WM will reimburse PNRW for 100% of the costs performed by PNRW. The estimated project cost is \$95,628.47, and the Department will only be responsible for providing surplus equipment.

Division 14

Town of Canton
Haywood County
U-6055
47166.3.1

This Project consists of intersection improvements on NC 110 at Locust Street in Canton. This Supplemental Agreement is to modify the scope of the project to include construction of pedestrian facilities. The Municipality shall reimburse the Department 20% of the actual costs of the pedestrian facilities. The estimated reimbursement is \$640.

NCDOT November 8, 2018 Board of Transportation Agenda

SUMMARY: There are a total of 25 agreements for informational purposes only

Division 1

Town of Nags Head
Dare County
1SP.10281.28

This Project consists of replacement of approximately 160 LF of the South Nags Head Ocean Outfall at Milepost 4.7 on SR 1243 (Old Oregon Inlet Road) in Nags Head. The Department shall perform the work. The Municipality shall participate in 50% of the project costs in the amount of \$375,000. The estimated cost of the project is \$750,000.

Town of Windsor
Bertie County
80080

This Project consists of replacement of an existing culvert under SR 1100 (Ghent Street) and replacement of an enclosed drainage system. The Department shall perform the work. The Municipality shall participate in the costs of the project in the amount of \$317,000.

Division 3

Wal-Mart Real Estate Business
Trust
Onslow County
36249.3952

This Project consists of signal review, inspection and coordination for signal installation at NC 24 (Corbett Avenue) and SR 1445 (Norris Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the work. The estimated reimbursement is \$45,000.

Division 5

HP Chapel Hill
Durham County
36249.3947

The Project consists of upgrading the traffic signal at the intersection of NC 54 (Chapel Hill Road) and SR 1110 (Farrington Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department for 100% of the work. The estimated reimbursement is \$5,000.

Rich Levert
Wake County
36249.3948

The Project consists of upgrading the traffic signal at the intersection of Old US 1 and Humie Olive Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department for 100% of the work. The estimated reimbursement is \$5,000.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 6

City of Fayetteville
Cumberland County
35196.3.24

This Project consists of installing landscape plantings at the interchange of NC 295 and US 401/Ramsey Street in Fayetteville. The Department will design the landscape improvements and install all plantings. The Municipality will maintain the plantings.

City of Fayetteville
Cumberland County
35196.3.25

This Project consists of installing landscape plantings at the interchange at NC 295 and NC 87/NC 24/Bragg Blvd in Fayetteville. The Department will design the landscape improvements and install all plantings. The Municipality will maintain the plantings.

City of Fayetteville
Cumberland County
35196.3.26

This Project consists of installing landscape plantings at the interchange of NC 295 and NC 210/Murchison Road in Fayetteville. The Department will design the landscape improvements and install all plantings. The Municipality will maintain the plantings.

Division 8

Town of Biscoe
Montgomery County
36249.3956

This Project consists of installing landscape plantings at the interchange of I-73/74 and NC 24/27 and the intersection of US 220 Business and NC 24/27 in Biscoe. The Department will design the landscape improvements and install all plantings. The Municipality will maintain the plantings.

Village of Pinehurst
Moore County
36249.3957

This Project consists of installing landscape plantings along the slopes of NC 5 just south of NC 211 in Pinehurst. The Department will design the landscape improvements and install all plantings. The Municipality will maintain the plantings.

Division 9

Town of Clemmons
Forsyth County
9.203415

This Municipal Mowing Agreement is for the Municipality to perform "routine" and/or "clean up" mowing along the State maintained roadways within the corporate limits. The Municipality shall provide the equipment, labor, materials and traffic controls, and the Department shall reimburse the Municipality up to \$6,000 annually for the mowing.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 9, cont.

Town of Clemmons
Forsyth County
9.203411

This Municipal Sweeping Agreement is for the Municipality to perform routine sweeping of the curb and gutter along State maintained roadways within the corporate limits. The Municipality shall provide the equipment, labor, materials and traffic controls, and the Department shall reimburse the Municipality up to \$6,500 annually for the sweeping.

City of King
Stokes County
9.203515
9.203415

This Municipal Mowing Agreement is for the Municipality to perform "routine" and/or "clean up" mowing along the State maintained roadways within the corporate limits. The Municipality shall provide the equipment, labor, materials and traffic controls, and the Department shall reimburse the Municipality up to \$8,000 annually for the mowing.

County of Stokes
36249.3953

This Project consists of paving the Stokes County Government Center parking lots. The Department shall be responsible for all phases of the work. The County shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$248,860.

Town of Pilot Mountain
Stokes County
36249.3954

This Project consists of resurfacing the 13 streets in the Town of Pilot Mountain. The Department shall be responsible for all phases of the work. The Municipality shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$654,240.

Division 10

Food Lion, LLC
Union County
36249.3945

This Project consists of 2 traffic signal modifications on NC 200 at the intersections of Union Academy and NC 84. The Department will review the traffic signal plans and inspect the traffic signal installations. The Developer shall reimburse the Department 100% of the work. The estimated reimbursement is \$10,000.

City of Charlotte
Mecklenburg County
B-5242
42844.1.1
42844.2.FD1
42844.3.3

This Project consists of replacement of Municipal Bridge No. 376 over Irwin Creek on Barringer Drive. The Municipality is responsible for the project. This Supplemental Agreement is to extend the completion date of the project to May 1, 2019 in lieu of January 31, 2018.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 10, cont.

City of Charlotte
Mecklenburg County
C-5613H
43735.2.12/43735.2.17
43735.3.12/43735.3.17

This Project consists of construction of a roundabout and sidewalk at Lakeview and Reames Road. This Supplemental Agreement is to change the WBS to the order in which the funds are authorized and reimbursed.

Mattamy Carolina Corporation
Mecklenburg County
36249.3949

This Project consists of the installation of a traffic signal located at NC 218 and Jefferson Colony Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer will reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Division 13

Town of Rutherfordton
Rutherford County
36249.3951

This Project consists of the installation of 2 pedestrian signals at the Northwest and Southwest quadrants of the signalized intersection of Cleghorn Street and Charlotte Road to include a crosswalk across the western leg of Charlotte Road. The Department shall perform the work. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$12,025.

Ingles Markets, Inc.
McDowell County
36249.3946

This project consists of signal modifications at the intersection of SR 1001 (West Henderson Street), Old West Henderson Street and the Ingles access. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the work. The estimated reimbursement is \$5,000.

SMS Enterprise
Buncombe County
36249.3950

This Project consists of a new traffic signal installation at the intersection of NC 280 (Airport Road) and Birch Circle (Wal-Mart Drive) in Buncombe County. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the work. The estimated reimbursement is \$5,000.

NCDOT November 8, 2018 Board of Transportation Agenda

Division 14

Town of Franklin
Macon County
R-5734A
50192.3.2

This Project consists of improvements on US 23/US 441 from US 64 to SR 1652 (Wide Horizon Drive)/SR 1152 (Belden Circle). This Supplemental Agreement is for additional project Betterments. The Municipality shall reimburse the Department 100% of the costs to upgrade signal poles, mast arms and pedestrian posts in a black-powder protective coating. The estimated reimbursement is \$24,770.

The Groves at Town Center
Henderson County
R-5207C
45393.3.5

This Project consists of construction of a turn lane into "The Groves of Town Center" in conjunction with Project R-5207C. The Department shall perform the work. The Developer shall reimburse the Department 100% of the work. The estimated reimbursement is \$43,549.20.

Graham County
36249.3955

This Project consists of pavement patching and asphalt surface treatment of the Graham County Community Center Parking Lot. The Department shall perform the work. The County shall reimburse the Department 100% of the work. The estimated reimbursement is \$27,097.

NCDOT November 2018 Board of Transportation Agenda

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

There will be no municipal street system changes presented for approval at the November 2018 Board meeting.

Please see page 2 Corrections.

**Retroactive Correction NCDOT November Board of Transportation Agenda
Approval of Municipal Street System Changes
Deletions to the State Highway System File Name Updated**

Division	County	Municipality	Road	Termini	Length
6	Robeson 2018_09_M001	City of Lumberton	SR 1536 (Water Street)	To delete Water Street	0.180
Total Miles =					0.180

NCDOT November 2018 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R - 1 & R - 3
2	Final Right of Way Plans	R - 4 & R - 5
3	Revisions of Final Right of Way Plans	R - 6
4	Conveyance ROW Residue (HB 501)	R - 7 – R - 10
5	Approval of Conveyance of Highway Right of Way Residues	R - 11 & R - 12
6	Advance Acquisition of Highway Right of Way	R – 13
7	Authorization to Condemn Right of Way for Secondary Road Project	R - 14

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 2)

Pitt County; I.D. No. U-5785; Project No. 44357.2.1:

SR 1708 (Firetower Road) from NC 43 (Charles Boulevard) to SR 1704 (Fourteenth Street)

Pitt County; I.D. No. U-2817; Project No. 34868.2.2:

SR 1700 (Evans Street/Old Tar Road) from SR 1711 (Worthington Road) in Winterville to US 264 Alternate (Greenville Boulevard) in Greenville

Pitt County; I.D. No. U-5870; Project No. 54046.2.1:

SR 1708 (Firetower Road) from SR 1704 (Fourteenth Street) to NC 33 (East 10th Street) in Greenville

Beaufort County; I.D. No. B-4433; Project No. 38362.2.2:

Bridge No. 40 over Durham Creek on SR 1932

(Division 3)

New Hanover County; I.D. No. B-4590; Project No. 38420.2.1:

Bridge No. 29 over Smith Creek on NC 133

Preliminary Right of Way Plans (continued)

(Division 3) (continued)

Onslow County; I.D. No. U-5736; Project No. 54026.2.1:

NC 53 (Western Boulevard) from US 17 (Marine Boulevard) to NC 24 (Lejuene Boulevard) (combined with U-5508)

Brunswick County; I.D. No. U-5914; Project No. 44647.2.1:

NC 133 from US 17/74/76 to SR 1554 (Old River Road)

New Hanover County; I.D. No. U-5729; Project No. 54020.2.1:

US 421 (Carolina Beach Road) from US 421 (Burnett Avenue) to US 117 (Shipyard Boulevard) in Wilmington

Sampson County; I.D. No. B-4635; Project No. 38446.2.1:

Bridge No. 9 over The South River Overflow on US 13

(Division 4)

Johnston County; I.D. No. B-6001; Project No. 48196.2.1:

Bridge No. 68 over Juniper Swamp on SR 1153 (Webb Mill Road)

Johnston County; I.D. No. W-5704E; Project No. 44850.2.5:

SR 1700 (Covered Bridge Road) between 0.1 mile East of SR 1003 (Buffalo Road) and 0.1 mile West of SR 2685 (Helenda Lane)

Johnston County; I.D. No. B-5997; Project No. 48192.2.1:

Bridge No. 227 over Polecat Branch on SR 1399

Wayne County; I.D. No. U-3609BA; Project No. 39026.2.3:

US 13 (Berkeley Boulevard)

(Division 5)

Granville County; I.D. No. U-6020; Project No. 47165.2.2:

NC 56 (East C. Street) at SR 1215 (West Lyon Station Road) in Butner (Utilities Only)

Wake County; I.D. No. I-5700; Project No. 50118.2.1:

I-40, SR 3015 (Airport Boulevard) revise interchange and construct auxiliary lane on I-40 Westbound from SR 3015 (Airport Boulevard) to I-540

Wake County; I.D. No. B-4654; Project No. 38454.2.1:

Bridge No. 69 over US 70 on NC 50

(Division 6)

Harnett County; I.D. No. U-5933; Project No. 45943.2.1:

NC 87/24 at SR 1117 (Nursery Road)

Columbus County; I.D. No. R-5797; Project No. 44997.2.1:

US 74 at SR 1506 (Boardman Road)

Preliminary Right of Way Plans (continued)

(Division 7)

Guilford County; I.D. No. U-2581BA; Project No. 34840.2.4:
US 70 from SR 3045 (Mount Pop Church Road) to SR 3175 (Birch Creek Road)

Alamance County; I.D. No. I-5711; Project No. 50401.2.1:
I-40/I-85 at SR 1007 (Mebane-Oaks Road)

(Division 8)

Randolph County; I.D. No. U-6007; Project No. 47142.2.1:
US 220 Business (South Fayetteville Street) from Ridge Street to Atlantic Avenue in Asheboro

(Division 10)

Union County; I.D. No. W-5710H; Project No. 44856.2.8:
NC 218 at SR 1525 (Mill Grove Road) near Fairview

Union County; I.D. No. U-6090; Project No. 47884.2.1:
Weddington – Matthews Road at Tilley Morris Road

Mecklenburg County; I.D. No. U-5874; Project No. 46437.2.1:
North University Research Park I-85 Overpass from SR 2722 (Louis Rose Place) to Doug Mayes Place

Mecklenburg County; I.D. No. W-5710GB; Project No. 44856.2.33:
US 52 from Norwood City Limits Northward to NC 138

Stanly County; I.D. No. B-4974; Project No. 39922.2.1:
Bridge No. 51 over Pee Dee River on NC 24/73/27

(Division 12)

Iredell County; I.D. No. U-6039; Project No. 46975.2.1:
SR 2321 (East Broad Street) from Vine Street to SR 2422 (Signal Hill Drive)

Lincoln County; I.D. No. B-4571; Project No. 38414.2.1:
Bridge No. 7 over Indian Creek on NC 182

(Division 13)

Burke County; I.D. No. U-5836; Project No. 50228.2.1:
NC 181 from SR 1414 (St. Mary's Church Road) to Morganton extra territorial jurisdiction

Buncombe County; I.D. No. U-5834; Project No. 50226.2.1:
SR 3116 (Mills Gap Road) from US 25 (Hendersonville Road) to SR 3157 (Weston Road)

Final Right of Way Plans

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

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

(Division 1)**Project No. 50196.2.1; Dare County; I.D. No. R-5738:**

Grading, paving, drainage, erosion control and structures on SR 1208 (West Kitty Hawk Road) from West of Ivy Lane to East of SR 1210 and replacement of Bridge No. 40 with the right of way indicated upon the final plans for said project.

Project No. 45558.2.1; Hertford County; I.D. No. B-5603:

Grading, drainage, paving and structure on Bridge No. 137 over McHerrin River overflow on SR 1311 (Boones Bridge Rd) with the right of way indicated upon the final plans for said project.

(Division 2)**Project No. 17BP.2.R.85; Beaufort County; I.D. No. N/A:**

Grading, drainage, paving and structure on Bridge No. 249 over Duck Creek on SR 1336 (Hawkins Beach Road) with the right of way indicated upon the final plans for said project.

Project No. 17BP.2.R.96; Craven County; I.D. No. N/A:

Grading, drainage, paving and structure on Bridge No. 2 over Mortons Mill Pond on SR 1715 (Blades Road) with the right of way indicated upon the final plans for said project.

(Division 10)**Project No. 45770.2.1; Anson County; I.D. No. B-5817:**

Grading, drainage, paving and structure on Bridge No. 007 over Brown Creek on SR 1634 (Grassy Island Rd) with the right of way indicated upon the final plans for said project.

Final Right of Way Plans (continued)

(Division 10) (continued)

Project No. 50081.2.1; Mecklenburg County; I.D. No. U-5526A:

Grading, drainage, paving, tolling and ITS on US 74 (Independence Boulevard) from I-277 to Village Lake Drive convert business lanes to reversible managed lanes) with the right of way indicated upon the final plans for said project.

Project No. 17BP.10.R.109, Union County; I.D. No. N/A:

Grading, paving, drainage and structure on Bridge No. 110 over Brown Creek on SR 1919 (Canal Road) with the right of way indicated upon the final plans for said project.

Project No. 46092.2.2; Union County; I.D. No. B-5377:

Grading, paving, drainage and structure on Bridge No. 157 over Pole Cat Creek on SR 2170 (Irby Road) with the right of way indicated upon the final plans for said project.

Revisions of the Final Right of Way Plans

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

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

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

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

(Division 3/6)

Project No. 34416.2.3; I.D. No. R-2303B; Sampson & Cumberland Counties:
 Final Right of Way plans approved on the minutes of the June 6, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 12 & 13 as presented at the November 8, 2018 Board of Transportation Meeting.

(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) 11 & 12 as presented at the November 8, 2018 Board of Transportation Meeting.

Project No. 34497.2.FS9; I.D. No. R-2707C; Cleveland County:
 Final Right of Way plans approved on the minutes of the May 4, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 21 – 23, 37 – 40 & 41 as presented at the November 8, 2018 Board of Transportation Meeting.

REVISION FINAL ROW PLANS

3 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.GV1, R-2510C Parcel 035, US 17 from north of SR 1509 Springs Road to north of NC 171

Beaufort County

Conveyance of an approximate 0.547-acre landlocked C-class residue area to Cindy Harrison for the highest offer amount of **\$4,500.00**; commission \$360.00

Project 34440.2.GV1, R-2510C Parcels 075 & 075A, US 17 from north of SR 1509 Springs Road to north of NC 171

Beaufort County

Conveyance of an approximate 1.275-acre landlocked C-class residue area to Cindy Harrison for the highest offer amount of **\$8,846.00**; commission \$707.68

Project 34440.2.GV1, R-2510C Parcel 034, US 17 from north of SR 1509 Springs Road to north of NC 171

Beaufort County

Conveyance of an approximate 0.289-acre landlocked C-class residue area to Cindy Harrison for the highest offer amount of **\$3,900.00**; commission \$312.00

Project 34440.2.GV1, R-2510C Parcel 076, US 17 from north of SR 1509 Springs Road to north of NC 171

Beaufort County

Conveyance of an approximate 1.494-acre landlocked B-class residue area to Cindy Harrison for the highest offer amount of **\$11,000.00**; commission \$880.00

Project 34452.2.3, R-2539B Parcel 053, NC 55 from east of SR 1127 to east of SR 1129

Pamlico County

Conveyance of an approximate 1.308-acre A-class residue area to Richard May for the highest offer amount of **\$18,000.00**; commission \$1,440.00

Project 34440.2.2, R-2510A Parcel 062, US 17 from south of SR 1127 Possum Track Road to SR 1149 Price Road

Beaufort County

Conveyance of an approximate 0.374-acre landlocked C-class residue area to Saravanan Bala for the highest offer amount of **\$2,000.00**; commission \$160.00

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 34924.2.3, U-3326B Parcel 139, US 29 Business (Freeway Drive) from SR 2670 South Scales Street to NC 14 in Reidsville
Rockingham County**

Conveyance of an approximate 0.130-acre landlocked C-class residue area to Thaddeus Wilson for the highest offer amount of **\$116.00**; commission \$500.00

**Project 34880.2.GV1, R-2606B Parcel 087, US 311 Bypass from north of Spencer Road SR 1929 to US 220 – Future I-74
Randolph County**

Conveyance of an approximate 0.020-acre landlocked C-class residue area to Thaddeus Wilson for the highest offer amount of **\$127.00**; commission \$500.00

**Project 34480.2.2, R-2606A Parcel 021, US 311 Bypass from north of Spencer Road SR 1929 to US 220 – Future I-74
Randolph County**

Conveyance of an approximate 0.072-acre landlocked C-class residue area to Thaddeus Wilson for the highest offer amount of **\$446.00**; commission \$500.00

**Project 34429.2.2, R-2413A Parcel 030, I-73 from east of SR 2127 Brookbank Road to Haw River
Guilford County**

Conveyance of an approximate 0.152-acre landlocked B-class residue area to Thaddeus Wilson for the highest offer amount of **\$444.00**; commission \$500.00

**Project 34820.2.18, U-2524C Parcels 007 & 008, Greensboro Western Loop from north of SR 2176 Bryan Blvd. to US 220 Battleground Ave.
Guilford County**

Conveyance of an approximate 3.789-acre landlocked B-class residue area to Christopher P. Britt and Meghan D. Britt for the highest offer amount of **\$18,710.00**; commission \$2,500.00

**Project 33155.2.1, B-3601 Parcel 010A, Bridge No. 94 over Haw River on SR 2158 Swepsonville-Saxapahaw Road
Alamance County**

Conveyance of an approximate 0.070-acre landlocked C-class residue area to Patrick Walsh for the highest offer amount of **\$428.00**; commission \$500.00

**Project 33155.2.1, B-3601 Parcel 010, Bridge No. 94 over Haw River on SR 2158 Swepsonville-Saxapahaw Road
Alamance County**

Conveyance of an approximate 0.100-acre landlocked C-class residue area to Patrick Walsh for the highest offer amount of **\$611.00**; commission \$500.00

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

(Division 10)

Project 34448.2.4, R-2533CA Parcel 043, NC 49 from east of SR 2630 to east of SR 2444

Cabarrus County

Conveyance of an approximate 0.080-acre landlocked C-class residue area to Patrice Pickett for the highest offer amount of **\$600.00**; commission \$1,250.00

Project 34749.2.2, U-0209C Parcel 008, US 74 Independence Blvd. from Brookshire Freeway to Eastway Drive in Charlotte

Mecklenburg County

Conveyance of an approximate 0.010-acre landlocked C-class residue area to Patrice Pickett for the highest offer amount of **\$100.00**; commission \$1,250.00

Project 34770.2.1, U-2005 Parcel 113, SR 2853 Delta Road and Newell Hickory Grove Road from south of Albemarle Road NC 24/27 to north of Plaza Road in Charlotte

Mecklenburg County

Conveyance of an approximate 0.190-acre landlocked B-class residue area to Patrice Pickett for the highest offer amount of **\$3,250.00**; commission \$1,250.00

Project 34770.2.1, U-2005 Parcel 115, SR 2853 Delta Road and Newell Hickory Grove Road from south of Albemarle Road NC 24/27 to north of Plaza Road in Charlotte

Mecklenburg County

Conveyance of an approximate 0.180-acre landlocked B-class residue area to Patrice Pickett for the highest offer amount of **\$3,400.00**; commission \$1,250.00

Project 34770.2.1, U-2005 Parcel 115(A), SR 2853 Delta Road and Newell Hickory Grove Road from south of Albemarle Road NC 24/27 to north of Plaza Road in Charlotte

Mecklenburg County

Conveyance of an approximate 0.212-acre A-class residue area to SouthCraft Builders, Inc. for the highest offer amount of **\$30,000.00**; commission \$3,000.00

Project 34770.2.1, U-2005 Parcel 118, SR 2853 Delta Road and Newell Hickory Grove Road from south of Albemarle Road NC 24/27 to north of Plaza Road in Charlotte

Mecklenburg County

Conveyance of an approximate 0.214-acre A-class residue area to SouthCraft Builders, Inc. for the highest offer amount of **\$30,000.00**; commission \$3,000.00

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

(Division 10) (continued)

Project 34770.2.1, U-2005 Parcel 118B, SR 2853 Delta Road and Newell Hickory Grove Road from south of Albemarle Road NC 24/27 to north of Plaza Road in Charlotte

Mecklenburg County

Conveyance of an approximate 0.212-acre A-class residue area to Gem Builders, Inc. for the highest offer amount of **\$35,000.00**; commission \$3,500.00

CONVEYANCE ROW RESIDUE (HB 501)

20 PROJECT(S)

\$ 171,478.00

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 2)**Project 35781.2.1, Parcel U-3315 092, Intersection of Dickinson Avenue and Ninth Street in Greenville****Pitt County**

Conveyance of an approximate 0.570-acre residue area to the City of Greenville for no monetary consideration. The City of Greenville intends to use this property for a public parking lot. If the land use changes to anything other than a parking lot, the property shall revert back to the Department. If any portion of the property is needed for future transportation uses, the City of Greenville will convey back to the Department needed for transportation uses at no cost.

(Division 4)**Project 34929.2.4, U-3334B 003, SR 1923 (Booker Dairy Road Extension) from SR 1003 (Buffalo Road) to US 301 (Brightleaf Blvd)****Johnston County**

Conveyance of an approximate 1.420-acre residue area to the Estate of James L. Talton as part settlement for the appraised value of high bid amount of \$9,975.00.

(Division 5)**Project U-77, 200 Vincent Avenue in Durham****Durham County**

Conveyance of an approximate 0.393-acre residue area to Ticon Properties, LLC for the high bid amount of \$26,000.00.

(Division 7)**Project 34820.2.18, Parcel U-2524C 020, Western Loop from South of SR 2137 (Old Oak Ridge Road) to North of US 220 (Battleground Avenue)****Guilford County**

Conveyance of an approximate 2.069-acre landlocked residue area to Daystar Christian Fellowship, the only interested adjacent owner, for the appraised value of \$5,850.00.

Project 34429.2.2, Parcel R-2413A 923, Future I-73 from SR 2127 (Brook Bank Road) to Haw River**Guilford County**

Conveyance of an approximate 6.404-acre landlocked residue area to Blue Ridge Companies, Inc. for the high bid amount of \$6,400.00.

(Division 9)**Project 44655, Parcel P-5206C 043C, NC Railroad Program to restore Double Track from Charlotte to Greensboro****Rowan County**

Conveyance of an approximate 0.377-acre residue area to Michael Irvin and Tammy Irvin, the only interested adjacent owners, for the appraised value of \$4,125.00.

Approval of Conveyance of Highway Right of Way Residues (continued)

(Division 9)

**Project 8.2318, Parcel 001, University Parkway and Polo Road
Forsyth County**

Conveyance of an approximate 0.280-acre residue area to James N. Carros and wife, Ashley K. Carros, the only interested adjacent owners, for the appraised value of \$4,500.00.

(Division 10)

**Project 8.U672217, Parcel 131, Charlotte Outer from North of US 74 (E.
Independence Blvd) to South of SR 1004 (Lawyers Road)
Mecklenburg County**

Conveyance of an approximate 0.084-acre residue area to the City of Charlotte for no monetary consideration. The City of Charlotte intends to use this property to replace a section of an existing force main coming from the Paw Creek Lift Station. If the land use changes to anything other for the relocation, construction, and maintenance of the force main, the property shall revert back to the Department. If any portion of the property is needed for future transportation uses, the City of Charlotte will convey back to the Department needed for transportation uses at no cost.

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 Brian White
I.D. No. U-5518, Parcel #902
WBS 43612.1.2, F. A. Project N/A,
County of Wake**

Division 7

**Property of Safe Track Inc. (606), Anjam Nahid Bhatti (607), Qamar Zaman (608)
and MH & FA Associates, Inc. (609)
I.D. No. U-5896, Parcel #606, 607, 608 and 609
WBS 44674.1.2, F. A. Project N/A,
County of Guilford**

Division 9

**Property of Walter M. Beauchamp (Tony M. Beauchamp, Executor)
I.D. No. R-2247CB, Parcel #901
WBS 34409.1.1, F. A. Project N/A,
County of Forsyth**

Division 14

**Property of Hamilton Family Irrevocable Trust C/O Chris Hamilton
I.D. No. R-5600, Parcel 900
WBS 45818.1.2, F. A. Project N/A
County of Jackson**

Authorization to Condemn Right of Way for Secondary Road Project

The Department has been unsuccessful in acquiring certain right of way for Secondary Roads; and the indemnity bond for the cost of any condemnation proceeding required is being secured in keeping with the Secondary Roads Policy of the Department.

Upon recommendation of the Chief Engineer, the Board finds and hereby authorizes the Right of Way Unit to acquire right of way by condemnation through the Attorney General's Office for the following parcel(s):

(Division 11)

CLAIM OF: Fanny L. Teague Heirs
Project No.: 11C.095110
PARCEL No.: 008
COUNTY: Watauga
SR No.: 1526A (Sampson Road)

AUTHORIZATION TO CONDEM RIGHT OF WAY FOR SECONDARY ROAD PROJECT 1 PROJECT(S) \$0.00

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

On June 28, 2018, the Board of Transportation approved an allocation of Maintenance funds totaling \$1,394,754,176 in accordance with Session Law 2018-5. An additional \$5,601,750 in General Maintenance Reserve funds due to Legislative and Retirement Rate adjustments was approved on August 2, 2018. As a result of the current credit balance, additional adjustments, and existing cash balance, staff recommends the following supplemental allocation as detailed in the table below:

<u>SCHEDULE I – GENERAL MAINTENANCE RESERVE</u>	<u>PREVIOUS ALLOCATIONS</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
Road and Bridge Maintenance	205,068,966	120,275,807	325,344,773
Asset Maintenance & Operation	7,125,000	1,001,602	8,126,602
Emergency	98,300,000	(6,500,000)	91,800,000
Research & Development	11,238,318	3,526,810	14,765,128
State & Federal Obligation	7,235,000	2,728,497	9,963,497
<i>Subtotal</i>	\$328,967,284	\$121,032,716	\$450,000,000
<u>SCHEDULE II - ROADSIDE ENVIRONMENTAL</u>			
Division Distribution	96,547,157		96,547,157
Asset Maintenance & Operation	4,495,000		4,495,000
Research & Development	86,496		86,496
State & Federal Obligation	200,000		200,000
<i>Subtotal</i>	\$101,328,653	\$0	\$101,328,653
<u>SCHEDULE III – CONTRACT RESURFACING</u>			
Division Distribution	506,670,421		506,670,421
Asset Maintenance & Operation	500,000		500,000
<i>Subtotal</i>	\$507,170,421	\$0	\$507,170,421
<u>SCHEDULE IV – PAVEMENT PRESERVATION</u>	\$97,827,375	\$0	\$97,827,375
<u>SCHEDULE V – BRIDGE PROGRAM</u>	\$282,733,541	\$0	\$282,733,541
<u>SCHEDULE VI – BRIDGE PRESERVATION</u>	\$82,328,652	\$0	\$82,328,652
<i>Grand Total</i>	\$1,400,355,926	\$121,032,716	\$1,521,388,642

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

SCHEDULE I – GENERAL MAINTENANCE RESERVE

A total of \$328,967,284 General Maintenance Reserve funds has been approved to date in FY 2019. Due to the credit reserve and various Legislative, Retirement, and Medical rate adjustments an additional \$12,668,594 is now available for distribution. The staff recommends cash flowing an additional \$108,364,122 resulting in a total supplemental allocation of \$121,032,716.

The staff also recommends redistributing \$6,500,000 of Emergency funds previously set aside to cover an anticipated credit reserve deficit. Staff recommended Enterprise Level allocations are detailed below:

Asset Maintenance and Operation

- \$1,000,000 for Highway Safety Improvements
- \$1,602 for project overruns

Research and Development

- \$40,000 for Engineering Services
- \$3,486,810 for Asset Inventory

State and Federal Obligations

- \$1,100,000 for NPL OU-2 and Risk-Based Remediation Management
- \$1,628,497 to the Oversize / Overweight Program

The remaining \$120,275,807 will be allocated to the Divisions based on needs identified within the Routine Maintenance Improvement Plan (RMIP) and is detailed of page 3.

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

Table 1 – SCHEDULE 1

DIVISION	<u>PREVIOUS FORMULA ALLOCATIONS</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	11,168,316	8,342,146	19,510,462
2	10,481,150	7,953,642	18,434,792
3	15,237,710	8,999,715	24,237,425
4	12,107,632	8,919,311	21,026,943
5	22,094,428	9,712,057	31,806,485
6	13,975,995	10,654,392	24,630,387
7	18,255,125	7,807,508	26,062,633
8	14,006,964	9,785,826	23,792,790
9	16,039,360	6,925,575	22,964,935
10	17,397,932	8,290,733	25,688,665
11	11,984,439	7,727,714	19,712,153
12	16,842,880	9,674,753	26,517,633
13	13,996,588	8,705,003	22,701,591
14	11,480,447	6,777,432	18,257,879
Subtotal	\$205,068,966	\$120,275,807	\$325,344,773
Asset Maintenance & Operation	7,125,000	1,001,602	8,126,602
Emergency	98,300,000	(6,500,000)	91,800,000
Research & Development	11,238,318	3,526,810	14,765,128
State & Federal Obligation	7,235,000	2,728,497	9,963,497
Subtotal	\$123,898,318	\$756,909	\$124,655,227
Grand Total	\$328,967,284	\$121,032,716	\$450,000,000

Item S Summary: 1 Action totaling \$121,032,716

October 23, 2018

MEMORANDUM TO: Board of Transportation
FROM: Transportation Planning Division
SUBJECT: Submission of the Greater Hickory MPO Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Division has worked cooperatively with the Greater Hickory Metropolitan Planning Organization (MPO) on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by the Greater Hickory MPO on July 25, 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=Greater Hickory](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Greater%20Hickory)

The Transportation Planning Division recommends the mutual adoption of the Greater Hickory Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of September 28, 2018.

Sincerely,

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

Attachment

November 8, 2018

Adopted by:

Greater Hickory MPO
Date: 7/25/2018

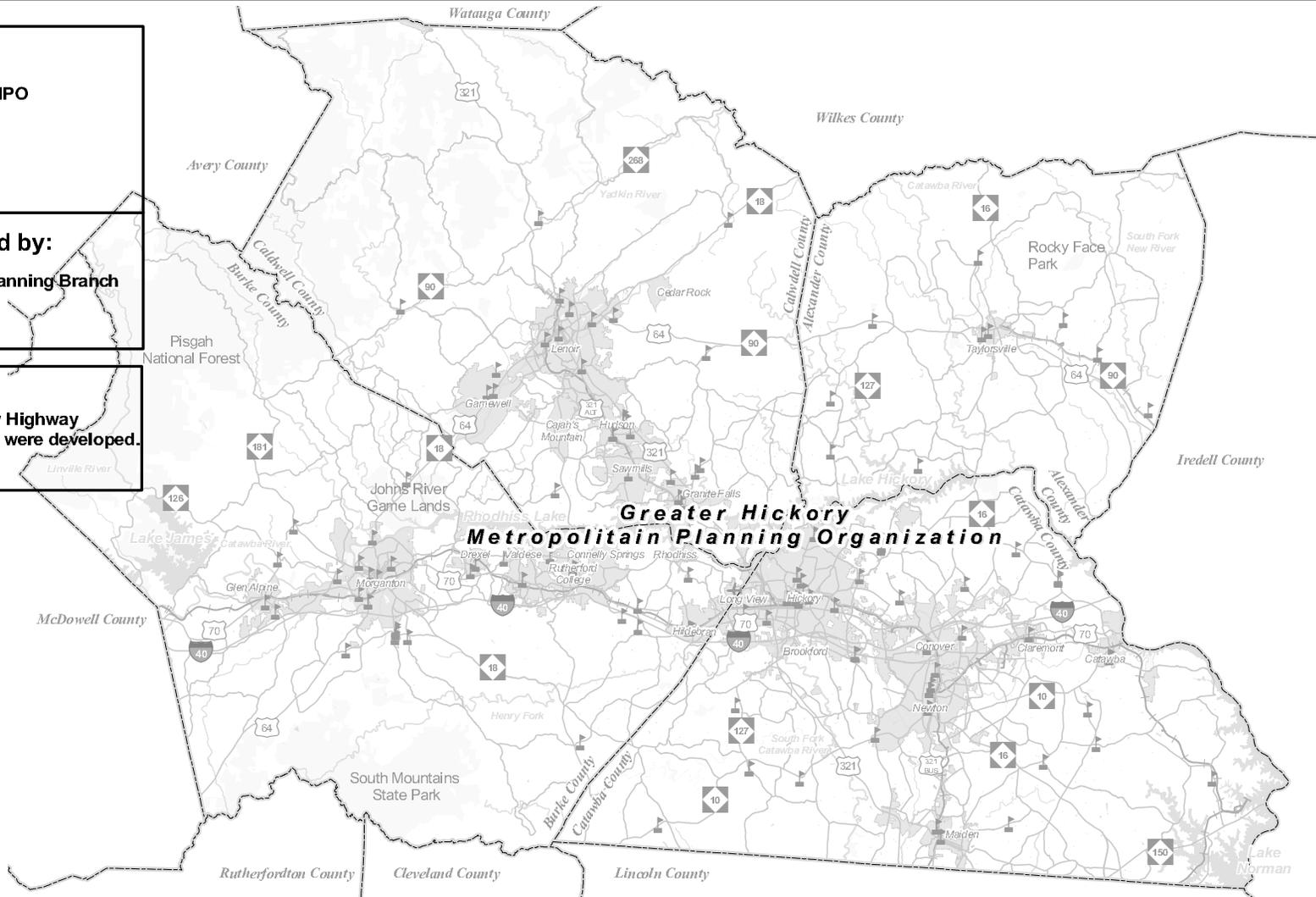
NCDOT
Date:

Recommended by:

Transportation Planning Branch
Date: 9/28/2018

Notes:

**For this CTP, only Highway
and Bicycle Maps were developed.**



**Greater Hickory
Metropolitan Planning Organization**

Sheet 1 Adoption Sheet

Sheet 2 Highway Map

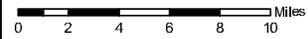
Sheet 3 Public Transportation
and Rail Map

Sheet 4 Bicycle Map

Sheet 5 Pedestrian Map

Legend

- Roads
- Rivers and Streams
- +— Railroads
- ▲ Schools
- ✈ Airports
- ▭ County Boundary
- Municipal Boundary
- Conservation Land



Sheet 1 of 5
Base map date: April 23, 2014
Refer to CTP document for more details

**Adoption Sheet
Hickory MPO
RECOMMENDED**

**Comprehensive
Transportation Plan**

Plan Date: July 25, 2018

NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the November 7-8, 2018, Board meeting.

RESOLUTION FOR TONEY C. SUMMEY

WHEREAS, Deputy Toney C. Summey was employed by the Randolph County Sheriff's Office on July 16, 1999, and served until his untimely death on April 27, 2003: and

WHEREAS, Deputy Summey was also active in his church, served on the board of the directors of Tabernacle Fire Department, was a volunteer firefighter, and volunteered with other community organizations; and

WHEREAS, on April 27, 2003, Deputies Summey and Hollingsworth fearlessly went to serve warrants on an individual for domestic dispute: and

WHEREAS, Deputy Summey was shot three times, and Deputy Hollingsworth was shot once before the subject surrendered to authorities; and

WHEREAS, ultimately the shots fired by the suspect ended the life of Deputy Summey; and

WHEREAS, Deputy Summey was a deeply devoted family man with a simple order for his life: God, family and work; and

WHEREAS, his honorable service, actions, steadfast courage and supreme sacrifice while serving and protecting our country is a worthy example for all citizens of Randolph County; and

WHEREAS, the Randolph County Board of Commissioners supports the recommendation to designate the Randolph County Bridge 33 located over the Uwharrie River on U.S. 64 to honor the memory of Deputy Toney Clayton Summey.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names Bridge 33 on U.S. 64 over the Uwharrie River as the *Deputy Toney C Summey Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted this the 8th day of November 2018 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation



NORTH CAROLINA Department of Transportation



Financial Update

As of September 2018

Evan Rodewald, Chief Financial Officer

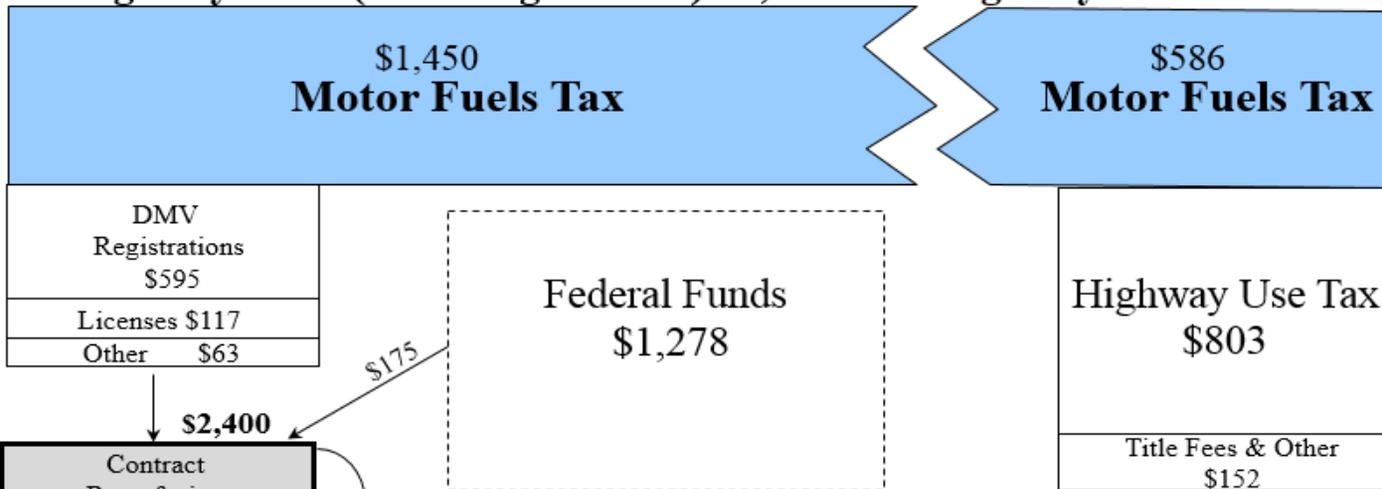
November 7, 2018

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

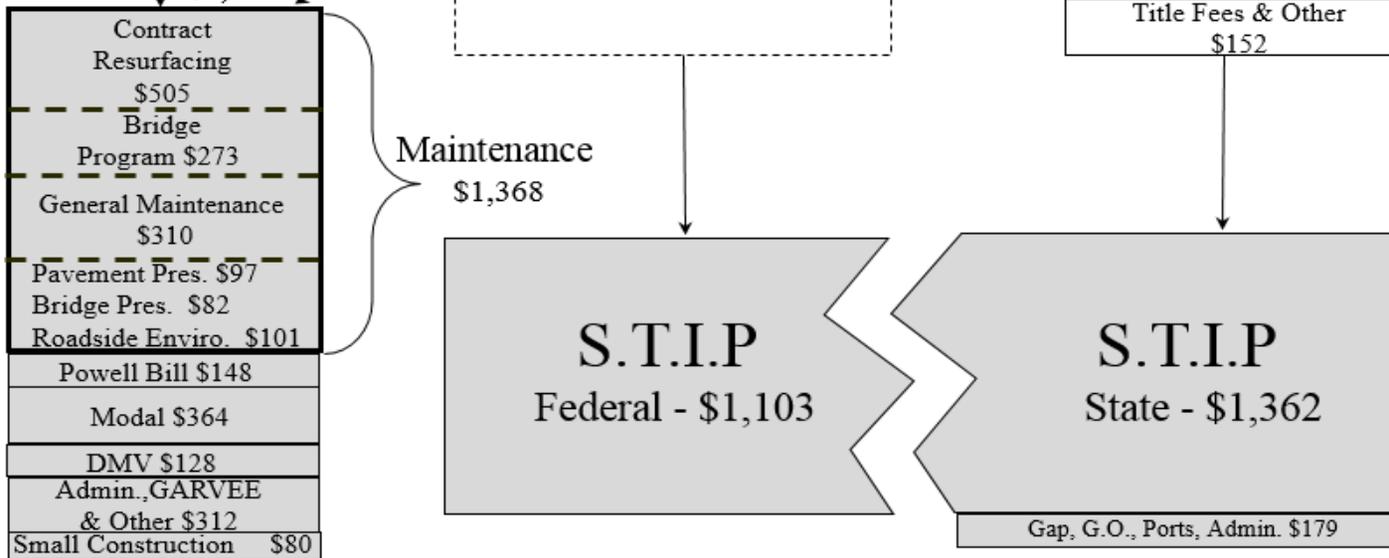
Highway Fund (Including Federal) \$3,503

Highway Trust Fund \$1,541

Funding Sources:



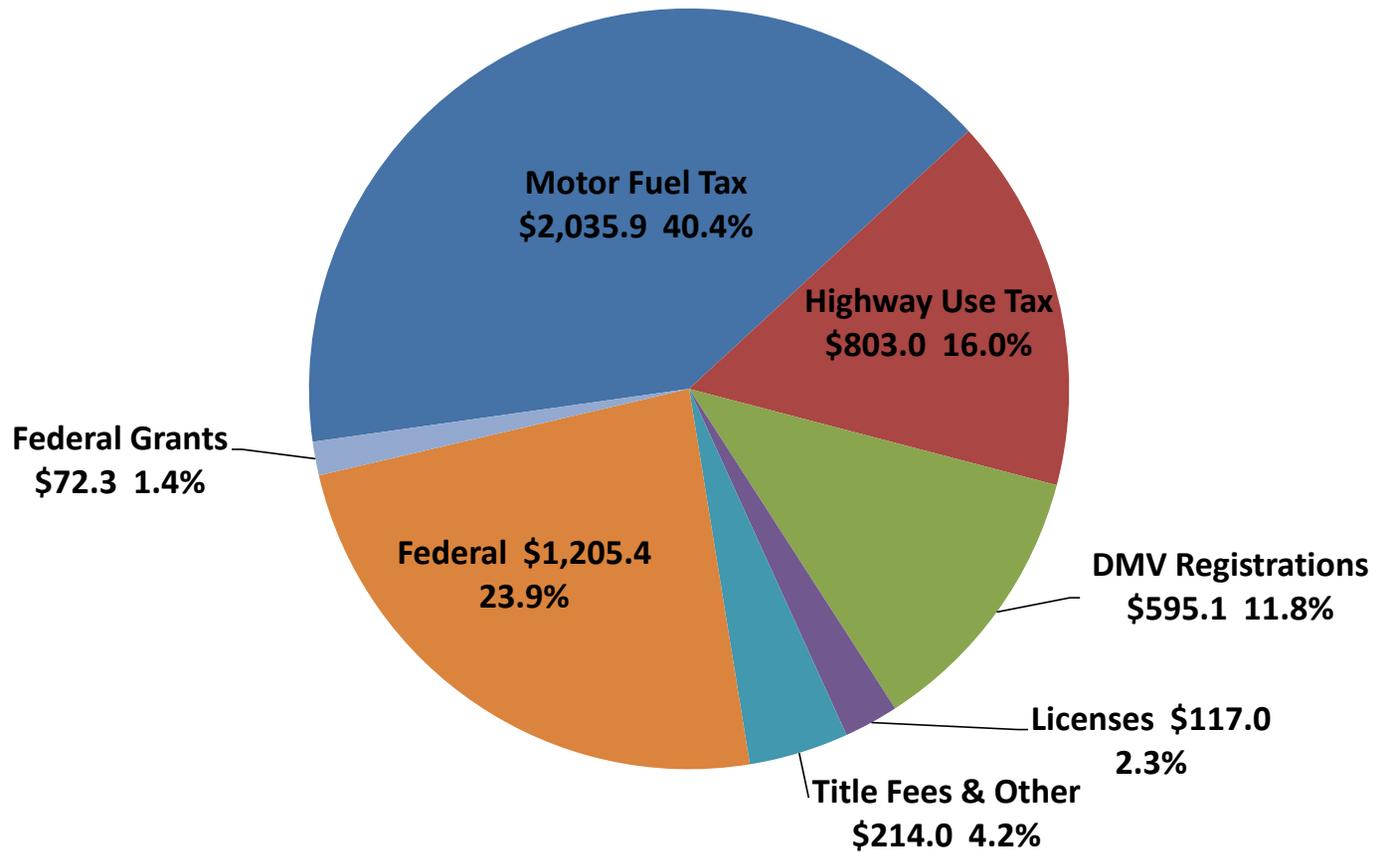
Uses:



(\$ in millions)

NCDOT Revenue Sources SFY2019 - \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)

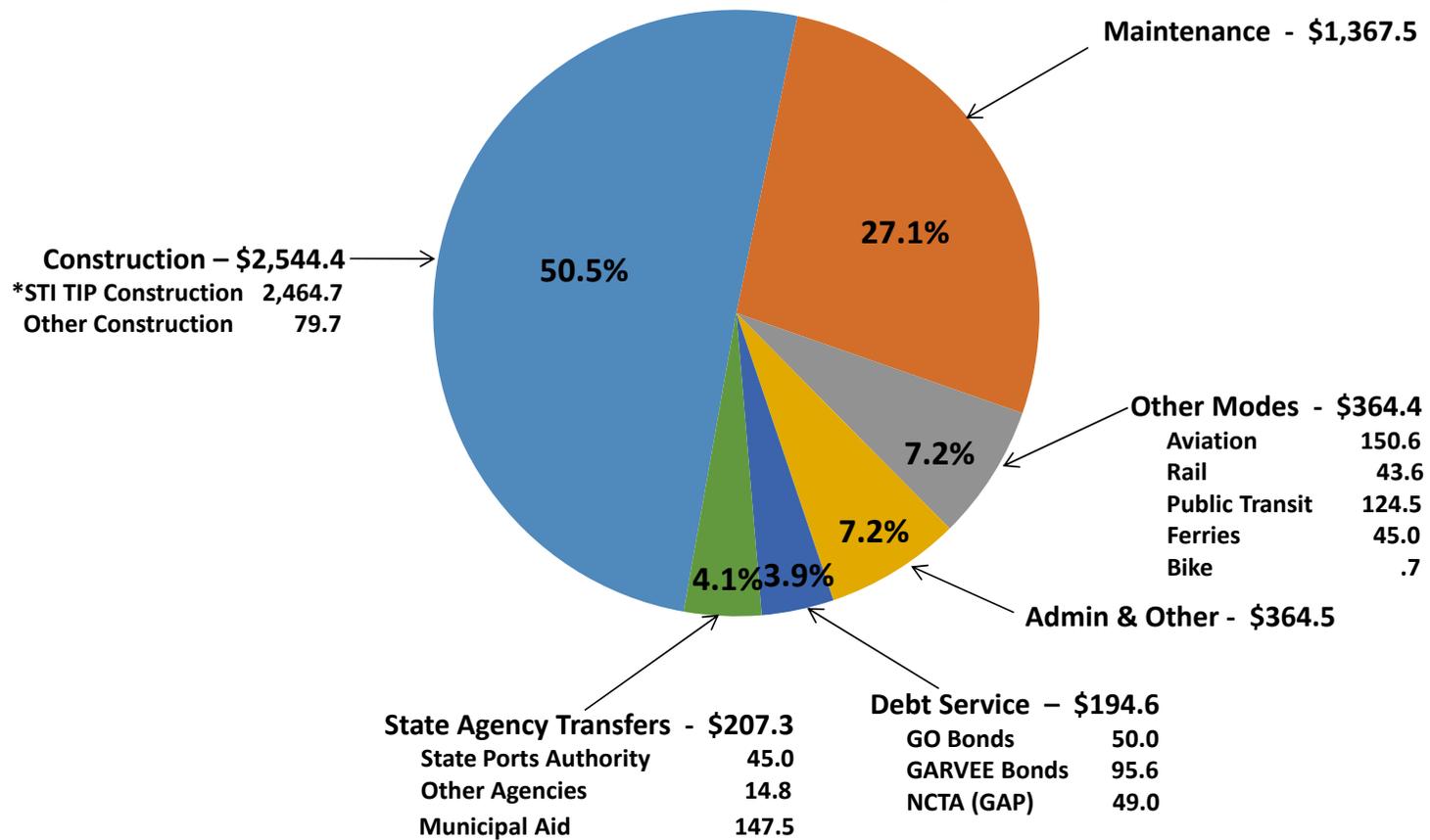


(\$ in millions)

Uses of 2018-19 NCDOT Appropriations

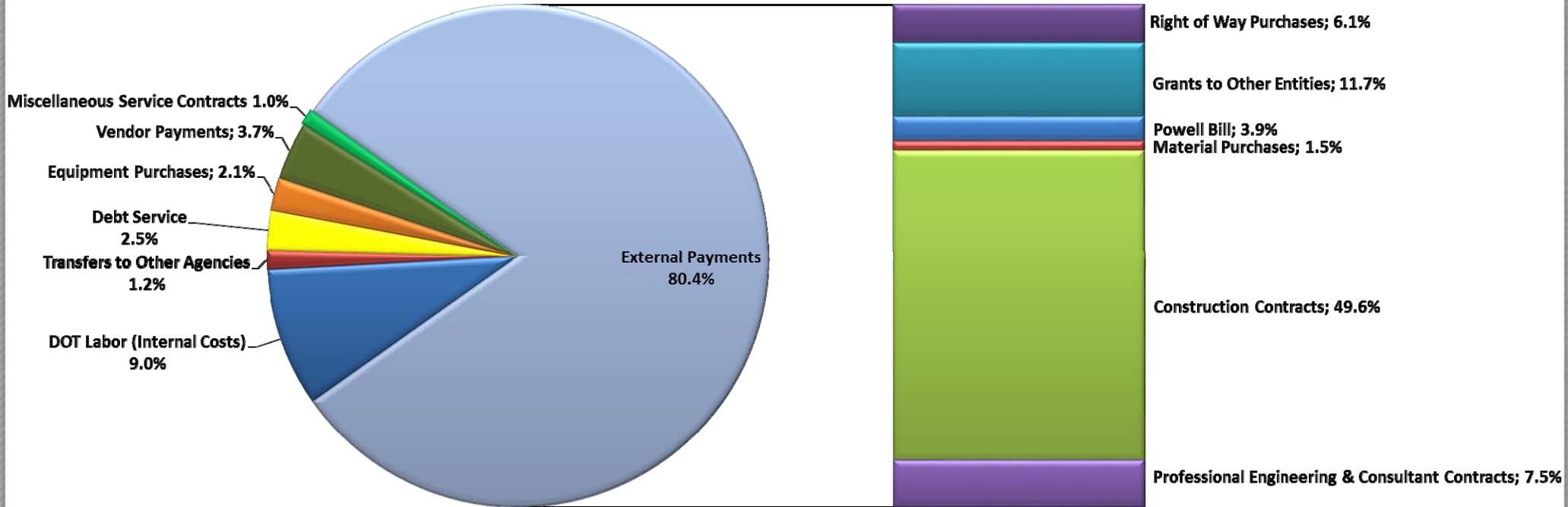
Total Funding = \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)

NCDOT Expenditures SFY2019 as of September 30, 2018



Revenue Summary September 2018

(\$ in Millions)

	September 2018	September 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	\$ 190.8	\$ 191.1	\$ 567.4	\$ 552.2	\$ 15.3	3%	2,224.5	26%
State Highway Trust Fund Revenues	123.3	129.9	394.3	387.8	6.5	2%	1,540.5	26%
Total State Funds	314.2	321.0	961.7	940.0	21.7	2%	\$ 3,765.0	26%
Federal Funds/Participation	102.5	106.7	325.2	341.7	(16.5)	-5%	1,277.7	25%
GARVEE Bond Proceeds	-	-	-	11.5	(11.5)	-	N/A	N/A
Total	\$ 416.7	\$ 427.7	\$ 1,286.9	\$ 1,293.2	\$ (6.3)	0%	\$ 5,042.7	26%
	September 2018	September 2017	Year Over Year				SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
Highway Fund & Trust Fund Details								
Motor Fuel Taxes	\$ 191.4	\$ 186.3	\$ 539.3	\$ 514.6	\$ 24.7	5%	\$ 2,035.9	26%
Highway Use Tax	59.6	64.8	204.1	200.4	3.8	2%	803.0	25%
DMV/Other Revenue	61.3	67.8	214.3	220.6	(6.3)	-3%	913.1	23%
Investment Income	1.9	2.2	3.9	4.4	(0.5)		13.0	30%
Total Revenue	\$ 314.2	\$ 321.0	\$ 961.7	\$ 940.0	\$ 21.7	2%	\$ 3,765.0	26%

*Excludes NCTA Revenues

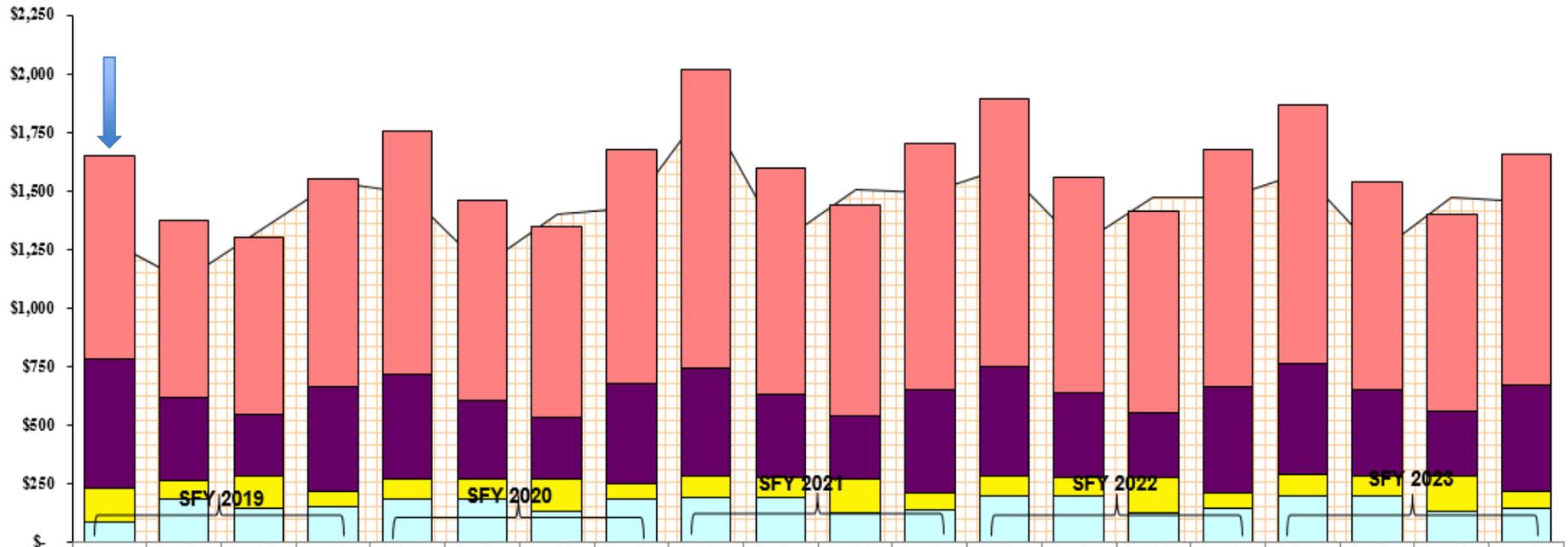
Expenditure Summary September 2018

(\$ in millions)

			Year Over Year				SFY Annual Budget	
	September-18	September-17	2018-2019 Actual	2017-2018 Actual	\$ Δ	% Δ	2018-2019 Budget	%
State & Federal Funded Programs:								
Construction	\$ 250.5	\$ 245.9	\$ 853.5	\$ 698.7	\$ 154.8	22%	\$ 2,544.4	34%
Maintenance	191.5	144.1	553.0	426.9	126.1	30%	1,367.5	40%
Other Modes	30.2	20.6	142.6	88.2	54.4	62%	364.4	39%
Administration/Other Programs	21.0	25.1	(14.0)	3.7	(17.7)	NA	364.5	-4%
Debt Service (Including NCTA GAP funds)	0.9	1.5	26.0	22.8	3.2	0%	194.6	13%
Municipal Aid	73.7	73.8	73.7	73.7	(0.1)	0%	147.5	50%
Transfers to Other Agencies	0.3	0.3	14.3	13.9	0.4	0%	59.8	24%
Total Expenditures*	\$ 568.0	\$ 511.4	\$ 1,649.1	\$ 1,327.9	\$ 321.1	24%	5,042.7	33%

*Excludes NCTA Expenditures

60 Month Revenue & Expenditure Projections as of September 2018



	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun																
Revenues	\$1,287	\$1,120	\$1,327	\$1,537	\$1,493	\$1,174	\$1,402	\$1,426	\$1,858	\$1,284	\$1,508	\$1,489	\$1,595	\$1,272	\$1,472	\$1,470	\$1,575	\$1,237	\$1,476	\$1,456
Construction Expenditures	866	755	754	888	1040	853	817	1000	1276	965	899	1048	1136	916	865	1013	1105	886	841	983
Maintenance Expenditures	553	356	258	446	441	340	259	425	458	354	268	441	466	359	273	449	472	364	277	455
Other Modes	143	77	139	65	85	80	143	67	88	83	148	69	89	84	150	70	91	85	152	71
Other Expenditures	87	184	148	154	189	189	131	187	195	194	127	142	198	197	129	144	201	200	131	146
Total Expenditures	\$1,649	\$1,373	\$1,299	\$1,553	\$1,755	\$1,462	\$1,350	\$1,679	\$2,018	\$1,595	\$1,443	\$1,701	\$1,889	\$1,557	\$1,416	\$1,676	\$1,869	\$1,536	\$1,400	\$1,656

Financial Update

SFYTD 2019 as compared SFYTD 2018

(\$ in millions)

	<u>September '18</u>	<u>September '17</u>	<u>YTD 2019</u>	<u>YTD 2018</u>	<u>\$ Change</u>
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 417	\$ 428	\$ 1,287	\$ 1,293	\$ (6)
Expenditures	<u>568</u>	<u>511</u>	<u>1,649</u>	<u>1,328</u>	<u>321</u>
Net Change	\$ (151)	\$ (83)	\$ (362)	\$ (35)	\$ (327)
			<u>September '18</u>	<u>September '17</u>	
Cash Balances:					
Highway Trust Fund			\$ 918	\$ 1,722	
Highway Fund*			<u>37</u>	<u>325</u>	
Totals			<u>\$ 955</u>	<u>\$ 2,047</u>	

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

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

Additions to the Transit 2018-2027 STIP

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TA-6714	City of Greensboro	Electric Replacement Buses and Charging Stations	FBUS	5339		1900								
			Local	L		335								
TA-6715	City of Durham	Electric Bus Purchase-Replacement	FBUS	5339		2125								
			Local	L		375								

Modifications

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TA-6696	Durham, Chapel-Hill, Carrboro	Replacement Vehicle	5307	CMAQ		400								
TM-5138	City of Asheville (ART)	Buncombe County Black Mountain Trailblazer Service. JARC Operating Assistance	Local	L		100								
			FUZ	5307	83	191								
			JARC	JARC		39								
			Local	L	83	230								

Item I-1A, (4) Projects, Total Federal and State funds \$4,738,000

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 9

* EB-5952	FAIRLAWN DRIVE, NC 67 (REYNOLDA ROAD) TO SR	ENGINEERING	FY 2019 -	\$79,000	(STBG)
FORSYTH	1528 (SILAS CREEK PKWY) IN WINSTON-SALEM.		FY 2019 -	\$20,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK.	RIGHT-OF-WAY	FY 2019 -	\$198,000	(STBG)
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2019 -	\$50,000	(L)
		CONSTRUCTION	FY 2020 -	\$593,000	(STBGDA)
			FY 2020 -	\$148,000	(L)
				<u>\$1,088,000</u>	

* EB-5953	SR 4000 (UNIVERSITY PARKWAY), SR-1686	ENGINEERING	FY 2019 -	\$76,000	(STBG)
FORSYTH	(SHATTALON DRIVE) TO ROBIN WOOD LANE IN		FY 2019 -	\$19,000	(L)
PROJ.CATEGORY	WINSTON-SALEM. CONSTRUCT SIDEWALK.	CONSTRUCTION	FY 2019 -	\$508,000	(STBG)
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2019 -	\$127,000	(L)
				<u>\$730,000</u>	

* EB-5954	GRIFFITH ROAD, KIMWELL DRIVE TO BURKE MILL	ENGINEERING	FY 2019 -	\$181,000	(STBG)
FORSYTH	ROAD IN WINSTON-SALEM. CONSTRUCT SIDEWALK.		FY 2019 -	\$45,000	(L)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF MPO.</u>	RIGHT-OF-WAY	FY 2019 -	\$34,000	(STBG)
DIVISION			FY 2019 -	\$8,000	(L)
		CONSTRUCTION	FY 2019 -	\$1,296,000	(STBG)
			FY 2019 -	\$324,000	(L)
				<u>\$1,888,000</u>	

* EB-5955	SR 1348 (ROBINHOOD ROAD), SPEAKS FARM ROAD TO	ENGINEERING	FY 2019 -	\$56,000	(STBG)
FORSYTH	MUDDY CREEK GREENWAY IN WINSTON-SALEM.		FY 2019 -	\$14,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK.	RIGHT-OF-WAY	FY 2019 -	\$53,000	(STBG)
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2019 -	\$13,000	(L)
		CONSTRUCTION	FY 2019 -	\$376,000	(STBG)
			FY 2019 -	\$94,000	(L)
				<u>\$606,000</u>	

* EB-5956	SR 1992 (SULLIVANTOWN ROAD), US 311 AT HARLEY	ENGINEERING	FY 2019 -	\$56,000	(STBG)
FORSYTH	DRIVE TO WALKERTOWN HIGH/MIDDLE SCHOOL IN		FY 2019 -	\$14,000	(L)
PROJ.CATEGORY	WALKERTOWN. INSTALL BICYCLE AND PEDESTRIAN	RIGHT-OF-WAY	FY 2019 -	\$8,000	(STBG)
DIVISION	FACILITIES AND CONSTRUCT SIDEWALK.		FY 2019 -	\$2,000	(L)
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2019 -	\$440,000	(STBGDA)
			FY 2019 -	\$110,000	(L)
				<u>\$630,000</u>	

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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 RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2020 - FY 2021 - FY 2021 -	\$29,000 \$7,000 \$29,000 \$7,000 \$186,000 \$46,000	(STBG) (L) (STBG) (L) (STBGDA) (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 CONSTRUCTION	FY 2019 - FY 2019 - FY 2019 - FY 2019 - FY 2019 -	\$189,000 \$47,000 \$1,263,000 \$217,000 \$2,000	(STBG) (L) (STBG) (STBGDA) (TAPDA) (L)
				\$371,000	
				\$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 CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2020 - FY 2020 -	\$88,000 \$22,000 \$202,000 \$516,000 \$179,000	(STBGDA) (L) (STBG) (STBGDA) (L)
				\$1,007,000	

* 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 RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2020 - FY 2021 - FY 2021 -	\$96,000 \$24,000 \$200,000 \$50,000 \$720,000 \$180,000	(STBG) (L) (STBG) (L) (STBGDA) (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 CONSTRUCTION	FY 2019 - FY 2019 - FY 2019 - FY 2019 - FY 2019 -	\$60,000 \$15,000 \$65,000 \$50,000 \$60,000	(STBG) (L) (STBG) (HSIP) (L)
				\$250,000	

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DIVISION 10

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

DIVISION 11

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

DIVISION 13

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

STIP MODIFICATIONS

DIVISION 1

R-5740	SR 1329 (WOODVILLE ROAD), SR 1331 (RED BANK	BUILD NC CONST	FY 2019 -	\$429,000	(T)
PERQUIMANS	ROAD) TO SR 1300 (NEW HOPE ROAD). UPGRADE		FY 2020 -	\$429,000	(T)
PROJ.CATEGORY	ROADWAY.		FY 2021 -	\$429,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		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 -	\$800,000	(T)
				\$7,235,000	

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REVISIONS TO THE 2018-2027 STIP
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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 -	\$6,340,000	(T)
				<u>\$59,995,000</u>	

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 -	\$500,000	(T)
				<u>\$9,305,000</u>	

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 -	\$39,109,000	(T)
	<u>AWARD OF FEDERAL INFRA GRANT.</u>			<u>\$153,100,000</u>	

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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)
				\$49,953,000	

* 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)
				\$81,600,000	

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)
				\$15,494,000	

DIVISION 3

AV-5739	CAPE FEAR REGIONAL (SUT), APPROACH CLEARING	CONSTRUCTION	FY 2019 -	\$170,000	(T)
BRUNSWICK	AT RUNWAY 5 AND RUNWAY 23.			\$170,000	
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.			\$5,495,000	
STATEWIDE	<u>MODIFY PROJECT SCOPE, FUNDING AMOUNTS, AND SCHEDULE.</u>				

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DIVISION 3

* U-3338C	SR 1175 (KERR AVENUE), SR 1175 (KERR AVENUE)	RIGHT-OF-WAY	FY 2019 -	\$3,912,000	(STBG)
NEW HANOVER	INTERCHANGE AT US 74 (MLK, JR. PARKWAY).	CONSTRUCTION	FY 2020 -	<u>\$20,500,000</u>	(STBG)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>			\$24,412,000	
REGIONAL	<u>THRESHOLDS.</u>				

U-5932	US 17, NC 211. CONVERT INTERSECTION TO	RIGHT-OF-WAY	FY 2022 -	\$10,000,000	(T)
BRUNSWICK	INTERCHANGE.		FY 2023 -	\$10,000,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	UTILITIES	FY 2022 -	\$5,200,000	(T)
STATEWIDE	<u>THRESHOLDS.</u>		FY 2023 -	\$5,200,000	(T)
		CONSTRUCTION	FY 2024 -	\$6,667,000	(T)
			FY 2025 -	\$6,667,000	(T)
			FY 2026 -	<u>\$6,666,000</u>	(T)
				\$50,400,000	

DIVISION 4

B-5947	NC 581, REPLACE BRIDGE 630091 OVER TAR RIVER.	RIGHT-OF-WAY	FY 2020 -	\$400,000	(T)
NASH	<u>ACCELERATE RIGHT-OF-WAY FROM FY 25 TO FY 20</u>	CONSTRUCTION	FY 2021 -	\$2,667,000	(T)
PROJ.CATEGORY	<u>AND CONSTRUCTION FROM FY 26 TO FY 21.</u>		FY 2022 -	\$2,667,000	(T)
REGIONAL			FY 2023 -	<u>\$2,667,000</u>	(T)
				\$8,401,000	

P-5711A	CSX A LINE, CCX INTERMODAL TERMINAL AND TRACK	CONSTRUCTION	FY 2019 -	\$50,000,000	(T)
EDGEcombe	IMPROVEMENTS.		FY 2020 -	<u>\$43,100,000</u>	(T)
PROJ.CATEGORY	<u>MODIFY PROJECT SCOPE AND FUNDING AMOUNTS.</u>			\$93,100,000	
STATEWIDE					

R-3825B	NC 42, EAST OF SR 1902 (GLEN LAUREL ROAD) TO SR	CONSTRUCTION	FY 2019 -	\$22,200,000	(T)
JOHNSTON	1003 (BUFFALOE ROAD).		FY 2020 -	\$22,200,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2021 -	<u>\$22,200,000</u>	(T)
DIVISION	<u>THRESHOLDS.</u>			\$66,600,000	

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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)
				\$36,475,000	

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>				

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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><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></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><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></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><i>MODIFY PROJECT SCOPE AND FUNDING AMOUNTS.</i></u>	CONSTRUCTION	FY 2022 -	\$12,466,000	(T)
PROJ.CATEGORY	<u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></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><i>MODIFY PROJECT SCOPE AND FUNDING AMOUNTS.</i></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><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>				

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STIP MODIFICATIONS

DIVISION 5

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

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* INDICATES FEDERAL AMENDMENT

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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					

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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

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DIVISION 7

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

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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 -	\$1,875,000	(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 -	\$5,900,000	(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 -	\$197,000	(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>				

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REVISIONS TO THE 2018-2027 STIP
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DIVISION 8

* EB-5872A	SR 1108 (WEST BOULEVARD), SR 1105 (TURNPIKE	RIGHT-OF-WAY	FY 2020 -	\$133,000	(TAP)
SCOTLAND	ROAD) TO GLASGOW DRIVE AND EAST OF US 15 / US		FY 2020 -	\$33,000	(L)
PROJ.CATEGORY	401 / US 501 TO SUNSET DRIVE IN LAURINBURG.	CONSTRUCTION	FY 2020 -	\$348,000	(TAP)
DIVISION	<u>ADD RIGHT OF WAY IN FY 20 AT THE REQUEST OF RPO.</u>		FY 2020 -	\$88,000	(L)
				<u>\$602,000</u>	

* R-2527	NC 24 / NC 27, NC 73 TO TROY BYPASS. WIDEN TO	BUILD NC ROW	FY 2019 -	\$686,000	(T)
MONTGOMERY	MULTILANES.		FY 2020 -	\$686,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 -	\$686,000	(T)
REGIONAL			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)
		RIGHT-OF-WAY	FY 2019 -	\$426,000	(T)
		UTILITIES	FY 2019 -	\$1,011,000	(T)
		CONSTRUCTION	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	US 1 / US 15 / US 501, SOUTH OF SR 1198 (BRYAN	RIGHT-OF-WAY	FY 2019 -	\$3,600,000	(NHP)
LEE	DRIVE) TO SR 1237 (CARTHAGE STREET) IN SANFORD.	CONSTRUCTION	FY 2020 -	\$8,816,000	(NHP)
PROJ.CATEGORY	UPGRADE TO SUPERSTREET AND RELOCATE NC 78		FY 2021 -	\$8,816,000	(NHP)
REGIONAL	(TRAMWAY ROAD).		FY 2022 -	\$8,816,000	(NHP)
	<u>REVISE TERMINI AND SCOPE AT REQUEST OF DIVISION TO CONFORM TO CURRENT PROJECT CONFIGURATION.</u>			<u>\$30,048,000</u>	

U-5975	US 1 / US 15 / US 501, US 15 / US 501 (WHITE HILL	RIGHT-OF-WAY	FY 2020 -	\$22,957,000	(T)
LEE	ROAD) / SR 1179 (ROCKY FORK CHURCH ROAD) TO	UTILITIES	FY 2020 -	\$2,755,000	(T)
PROJ.CATEGORY	SOUTH OF SR 1198 (BRYAN DRIVE). UPGRADE TO	CONSTRUCTION	FY 2021 -	\$12,746,000	(T)
REGIONAL	SUPERSTREET.			<u>\$38,458,000</u>	
	<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>				

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DIVISION 9

B-4626 ROWAN PROJ.CATEGORY STATEWIDE	NC 8 / NC 49, REPLACE BRIDGE 790003 AND APPLY DECK PRESERVATION TREATMENT TO BRIDGE 790008 OVER YADKIN RIVER AND WINSTON-SALEM SOUTHBOUND RAILROAD.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 -	\$300,000 \$300,000 \$6,165,000	(STBG) (STBG) (STBG)
				\$6,765,000	
	<u>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.</u>				
EB-4020C FORSYTH PROJ.CATEGORY TRANSITION	BRUSHY FORK GREENWAY, LOWERY STREET TO REYNOLDS PARK ROAD	CONSTRUCTION	FY 2020 - FY 2020 - FY 2020 -	\$300,000 \$700,000 \$175,000	(STBG) (STBGDA) (L)
				\$1,175,000	
	<u>TO REFLECT CURRENT CITY DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 19 TO FY 20 AT REQUEST OF MPO.</u>				
EB-5619 ROWAN PROJ.CATEGORY DIVISION	GRANTS CREEK GREENWAY, KELSEY SCOTT PARK TO CATAWBA COLLEGE. CONSTRUCT MULTIUSE PATH.				
	<u>PROJECT SPLIT INTO SEGMENTS AT REQUEST OF MPO AND CITY TO FACILITATE DELIVERY - SEE FOLLOWING ENTRIES FOR FUNDING AND SCHEDULES.</u>				
EB-5619A ROWAN PROJ.CATEGORY DIVISION	GRANTS CREEK GREENWAY, VICINITY OF FORESTDALE DRIVE TO CATAWBA COLLEGE IN SALISBURY. CONSTRUCT LOW-WATER BRIDGE GREENWAY CONNECTION.	CONSTRUCTION	FY 2019 - FY 2019 -	\$134,800 \$33,700	(TAPDA) (L)
				\$168,500	
	<u>PROJECT BREAK CREATED AT REQUEST OF MPO AND CITY. ACCELERATE CONSTRUCTION FY 20 TO FY 19 TO FACILITATE DELIVERY.</u>				
EB-5619B ROWAN PROJ.CATEGORY DIVISION	GRANTS CREEK GREENWAY, KELSEY SCOTT PARK TO VICINITY OF FORESTDALE DRIVE IN SALISBURY. CONSTRUCT MULTIUSE PATH.	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2020 -	\$40,000 \$10,000 \$660,000 \$165,000	(TAPDA) (L) (TAPDA) (L)
				\$875,000	
	<u>PROJECT BREAK CREATED AT REQUEST OF MPO AND CITY TO FACILITATE DELIVERY.</u>				
EB-5722 FORSYTH PROJ.CATEGORY DIVISION	NC 67 (SILAS CREEK PARKWAY), BOLTON STREET TO LOCKLAND AVENUE IN WINSTON-SALEM. CONSTRUCT SIDEWALK ON NORTH SIDE TO CONNECT EXISTING SECTIONS.	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2019 - FY 2019 - FY 2019 - FY 2020 - FY 2020 -	\$296,000 \$36,000 \$83,000 \$728,000 \$182,000 \$360,000 \$90,000	(STBG) (TAP) (L) (STBG) (L) (TAP) (L)
				\$1,775,000	
	<u>ADD RIGHT OF WAY IN FY 19 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF MPO. TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY18 TO FY 19.</u>				

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DIVISION 9

* EB-5810 FORSYTH PROJ.CATEGORY DIVISION	VARIOUS, BARBARA JANE AVENUE, BYERLY ROAD, AND BARRY STREET IN WINSTON-SALEM. CONSTRUCT SIDEWALKS. <u>ADD ENGINEERING IN FY 19 NOT PREVIOUSLY PROGRAMMED AND DELAY CONSTRUCTION FROM FY 18 TO FY 20, BOTH AT REQUEST OF MPO TO REFLECT CURRENT TOWN DELIVERY SCHEDULE.</u>	ENGINEERING CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2020 -	\$48,000 \$12,000 \$176,000 \$44,000	(STBG) (L) (TAP) (L)
				\$280,000	

* I-5952 FORSYTH PROJ.CATEGORY STATEWIDE	I-40, SR 1101 (HARPER ROAD) IN CLEMMONS TO EAST OF US 421 / BUSINESS 40 IN WINSTON-SALEM. PAVEMENT REHABILITATION. <u>PROJECT BREAK CREATED AT REQUEST OF DIVISION OFFICE. SEE I-5952A ENTRY FOR DETAILS. COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>
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I-5952A FORSYTH PROJ.CATEGORY STATEWIDE	i-40, BRIDGE REHABILITATION. <u>NEW PROJECT BREAK CREATED WITH CONSTRUCTION IN FY 20 AT REQUEST OF DIVISION OFFICE FOR SEPARATE LETTING OF BRIDGE COMPONENT</u>	CONSTRUCTION	FY 2020 -	\$2,516,000 \$2,516,000	(NHPIM)
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* R-2577A FORSYTH PROJ.CATEGORY REGIONAL	US 158, MULTI-LANES NORTH OF US 421 / I-40 BUSINESS TO SR 1965 (BELEWS CREEK ROAD) <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES BUILD NC CONST	FY 2020 - FY 2020 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - POST YR-	\$7,800,000 \$469,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$18,018,000	(T) (T) (T) (T) (T) (T) (T) (T) (T) (T) (T) (T)	
			CONSTRUCTION	FY 2022 - FY 2023 -	\$7,700,000 \$7,700,000	(T) (T)
				\$62,279,000		

DIVISION 10

C-5225B MECKLENBURG PROJ.CATEGORY EXEMPT	CHARLOTTE, TOBY CREEK GREENWAY, ROCKLAND DRIVE TO BLUE ROCK DRIVE. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - FY 2019 -	\$1,240,000 \$360,000	(CMAQ) (L)
				\$1,600,000	

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DIVISION 10

C-5538 MECKLENBURG PROJ.CATEGORY DIVISION	CHARLOTTE, INTERSECTION OF TUCKASEEGEE- BERRYHILL-THRIFT ROADS IN CHARLOTTE. CONSTRUCT A TRAFFIC CIRCLE. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$1,797,000 (CMAQ) FY 2019 - \$1,053,000 (STBGDA) FY 2019 - \$826,000 (L) \$3,676,000
C-5557 CABARRUS PROJ.CATEGORY EXEMPT	CONCORD, CITY OF CONCORD'S NE SUBSET SIDEWALKS. INSTALL SIDEWALKS AT VARIOUS LOCATIONS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$420,000 (CMAQ) FY 2019 - \$105,000 (L) \$525,000
EB-5775 MECKLENBURG PROJ.CATEGORY DIVISION	CORNELIUS, SOUTH PRONG ROCKY RIVER GREENWAY (SOUTH STREET - MAIN STREET). CONSTRUCT GREENWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19 AND UPDATE FUNDING</u>	CONSTRUCTION	FY 2019 - \$840,000 (STBGDA) FY 2019 - \$628,000 (TAPDA) FY 2019 - \$367,000 (L) \$1,835,000
* 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) \$2,564,000
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) \$3,861,000
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

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<p>I-5837 MECKLENBURG PROJ.CATEGORY STATEWIDE</p>	<p>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></p>	<p>CONSTRUCTION</p>	<p>FY 2020 - <u>\$1,800,000</u> (NHPIM) \$1,800,000</p>
<p>* I-5902 MECKLENBURG PROJ.CATEGORY STATEWIDE</p>	<p>I-485, SR 1786 TO NC 27. BRIDGE REHABILITATION. <u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 20 AT DIVISION REQUEST</u></p>	<p>CONSTRUCTION</p>	<p>FY 2020 - <u>\$900,000</u> (NHPIM) \$900,000</p>
<p>* I-5905 MECKLENBURG PROJ.CATEGORY STATEWIDE</p>	<p>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></p>	<p>CONSTRUCTION</p>	<p>FY 2020 - <u>\$14,000,000</u> (NHPIM) \$14,000,000</p>
<p>U-5108 MECKLENBURG PROJ.CATEGORY TRANSITION</p>	<p>NORTHCROSS DRIVE EXTENSION, NC 73 IN HUNTERSVILLE TO WESTMORELAND ROAD IN CORNELIUS. CONSTRUCT ROAD ON NEW LOCATION. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2019 - \$955,000 (STBGDA) FY 2019 - \$500,000 (BA) FY 2019 - \$489,000 (L) FY 2020 - \$4,765,000 (STBG) FY 2020 - \$1,000,000 (BA) FY 2020 - <u>\$2,023,000</u> (L) \$9,732,000</p>

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* 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)
				\$28,190,000	

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)
				\$42,400,000	

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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 -	\$10,200,000	(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 -	\$14,800,000	(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 -	\$2,500,000	(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 -	\$4,400,000	(STBG)
STATEWIDE	<u>AND CONSTRUCTION FROM FY 21 TO FY 20 AFTER PRESCREENING AND SCOPING WITH FIRM. PROJECT IS NO LONGER COMBINED WITH B-5871</u>			\$9,240,000	

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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	

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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 -	\$3,000,000	(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 -	\$700,000	(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 -	\$18,750,000	(APD)
EXEMPT	<u>THRESHOLDS.</u>			\$45,800,000	

B-6031	SR 1300 (PUMPKINTOWN ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$80,000	(STBG OFF)
JACKSON	490069 OVER SAVANNAH CREEK.	CONSTRUCTION	FY 2021 -	\$800,000	(STBG OFF)
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	(STBG OFF)
JACKSON	490144 OVER NATIONS CREEK.	CONSTRUCTION	FY 2021 -	\$500,000	(STBG OFF)
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	(STBG OFF)
JACKSON	490129 OVER SCOTT CREEK.	CONSTRUCTION	FY 2021 -	\$1,200,000	(STBG OFF)
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>				

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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 - FY 2021 -	\$80,000 \$800,000 \$880,000	(STBG OFF) (STBG OFF)
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 - FY 2021 -	\$70,000 \$700,000 \$770,000	(STBG OFF) (STBG OFF)
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 - FY 2021 -	\$70,000 \$700,000 \$770,000	(STBG OFF) (STBG OFF)
* 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 - FY 2020 -	\$2,673,000 \$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 - FY 2020 -	\$2,344,000 \$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 - FY 2021 - FY 2020 - FY 2022 - FY 2023 - FY 2024 -	\$2,250,000 \$2,250,000 \$500,000 \$14,500,000 \$14,500,000 \$14,500,000 \$48,500,000	(STBG) (STBG) (STBG) (STBG) (STBG) (STBG)

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DIVISION 14

R-4751	US 19, SR 1152 (HUGHES BRANCH ROAD) IN BRYSON CITY TO SR 1195 (US 19A). MODERNIZE ROADWAY.	RIGHT-OF-WAY	FY 2020 -	\$400,000	(T)
SWAIN		UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	CONSTRUCTION	FY 2021 -	\$8,500,000	(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 64. CONSTRUCT INTERSECTION IMPROVEMENTS.	RIGHT-OF-WAY	FY 2020 -	\$7,100,000	(T)
TRANSYLVANIA		UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2021 -	\$6,400,000	(T)
REGIONAL				\$13,600,000	

U-5840	SR 1547 (OLD AIRPORT ROAD), US 25 TO MILLS GAP ROAD. WIDEN ROADWAY.	BUILD NC CONST	FY 2019 -	\$600,000	(T)
HENDERSON			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 -	\$200,000	(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, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.			\$500,000	
PROJ.CATEGORY	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED.</u>				
DIVISION					

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REVISIONS TO THE 2018-2027 STIP
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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	(O)
				\$110,000	

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	(STBG OFF) (STBG OFF)
				\$6,600,000	

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	(T) (T)
				\$39,390,000	

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	(TAPDA) (L)
				\$912,000	

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	(CMAQ) (L) (CMAQ) (L)
				\$735,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
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 -	<u>\$65,000</u>	(L)
SWAIN	PATHWAY.			\$242,000	
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF DIVISION.</u>				
EXEMPT					

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* INDICATES FEDERAL AMENDMENT



NORTH CAROLINA

Department of Transportation



Use of Technology in Hurricane Florence

Chris Werner, Director of Technical Services

November 7, 2018







10 Column Spreadsheet = Manageable

Division	County	State Road	Road Name	Traffic Volume	Detour Length	Estimated Road Open Date	Existing Structure Type	Proposed Pipe Size	Alternate Pipe Size 1
2	Greene	SR 1308	Spring Branch Church Road	#NO MATCH			24" RCP	2 @ 73" x 55" CMPA w/HW	3 @ 54" Pipe w/HW
2	Greene	SR 1401	Carson Edwards Road	#NO MATCH			30" RCP	1 @ 73" x 55" CMPA w/HW	2 @ 54" Pipe w/HW
2	Greene	SR 1404	Churchill Road	#NO MATCH			42" CMP	1 @ 66" x 51" CMPA w/HW	1 @ 54" Pipe w/HW
2	Greene	SR 1443	Bert Street	#NO MATCH			18" CMP	1 @ 60" x 46" CMPA w/HW	1 @ 54" Pipe w/HW
2	Greene	SR 1255	NW Second Street	#NO MATCH			36" CMP	1 @ 73" x 55" CMPA w/HW	1 @ 60" Pipe w/HW
2	Greene	NC 903 S	NC 903 S	#NO MATCH			48" CMP	1 @ 95" x 67" CMPA w/HW	2 @ 60" Pipe w/HW
2	Greene	SR 1101	Browntown Road	600	3.25	OPEN	36" CMP	1 @ 87" x 63" CMPA w/ HW	1 @ 66" w/ HW
2	Jones	SR 1300	Middle Road	370			24" CMP	1 @ 54" Pipe w/HW	1 @ 60" x 46" CAPA
2	Jones	SR 1146	Watering Pond Road	260			18" RCP	1 @ 24"	1 @ 18" RCP
2	Jones	SR 1146	Watering Pond Road	260	14.7	OPEN	48" CMP	1 @ 72" w/ HW	1 @ 87" x 63" CMPA
2	Jones	SR 1130	Pleasant Hill Road	0	10.5	OPEN	24" RCP	1 @ 81" X 59" CAPA	2 @ 54" Pipe w/HW
2	Lenior	SR 1804	Neuse Road	#NO MATCH			30" RCP	1 @ 87" x 63" CMPA w/HW	2 @ 54" Pipe w/HW
2	Lenior	SR 1154	Burncoat Road	#NO MATCH			48" CMP	1 @ 66" x 51" CMPA w/HW	2 @ 48" Pipe
2	Lenior	SR 1118	Watering Pond Road	#NO MATCH	14.8	OPEN	18" RCP	1 @ 60" x 46" CMPA w/HW	1 @ 54" w/HW
2	Lenior	1121	Davis Mill	0	3.25	OPEN	2 @ 128" x 83"	1 @ 25'-4" x 8'-7" ABC w/HW	2 @ 13'-1" x 8'-2" CASPPA w/HW
2	Lenior	SR 1125	Eric Sparrow Road	0	3.65	OPEN	2-48" CMP	1 @ 17'-9" x 3'-10" ABC w/ HW	4 @ 48" w/ HW
2	Lenior	SR 1144	Tulls Mill Road	0	3.65	OPEN	48" CMP	1 @ 95" x 67" CAPA w/ HW	2 @ 60" w/ HW
2	Lenior	SR 1118	Watering Pond Road	430	3.65	OPEN	95" by 67" CAPA	1 @ 103" x 71" CAPA w/HW	2 @ 66" Pipe w/HW
2	Lenior	SR 1151	Dalys Chapel	0	4.75	OPEN	18" RCP	1 @ 30" Pipe	
2	Lenior	NC-903	NC-903	1300	5.5	OPEN	2 @ 11.5 x 7.2 no HW	1 @ 25'-4" x 8'-7" ABC w/HW	2 @ 13'-1" x 8'-2" CASPPA w/HW
2	Lenior	SR 1113	Ash Davis Road	0	1.6	OPEN	48" CMP	1 @ 60" Pipe w/HW	1 @ 66" x 51" CAPA w/HW
2	Lenior	SR1151	Dalys Chapel	0	4.75	OPEN	2 @ 60" CMP, no HW	1 @ 11'-5" x 7'-1" CASPPA w/HW	2 @ 66" Pipe w/HW
2	Lenior	SR1101	Joe Murphy	0			1 @ 72" CMP	1 @ 84" Pipe w/HW	1 @ 103" x 71" CAPA w/HW
2	Lenior	1302	Hardy Mill	0	2.4	10/19/18	3 @ 95" x 67" CMPA	1 @ 22'-3" x 7'-3" ABC w/HW	2 @ 11'-1" x 7'-0" CASPPA w/HW
2	Lenior	SR 1121	Davis Mill Rd	760			2 @ 95x67 CMPA	2 @ 112" x 75" CMPA w/ HW	1 @ 21'-3" x 6'-10" ABC w/ HW
2	Pitt	NC 102	NC 102	4900			24" RCP	1 @ 54" Pipe w/HW	1 @ 66" x 51" CMPA w/HW

70 Column Spreadsheet = CONFUSION!

The image shows a screenshot of a 70-column spreadsheet. The spreadsheet is filled with a dense grid of data, including various colored rows (yellow, blue, green, orange) and columns. The data appears to be organized into multiple sections or categories. At the bottom of the spreadsheet, there is a status bar with the text "Div 6 - Hydro Structure Rec Req" and a "Comments" button. The overall appearance is that of a highly detailed and complex data table.

Example of Pipe Supply Listing in Yard

	Material Type & Pipe Size	Producer - Plant Location	Linear Feet	Column4	Order Notes	Date Available	Division Picking Up Pipe	Date Picked Up	Actual Quantity
4	Aluminized Steel - 54ft Diameter 12 Gauge	Lane - Dublin VA	20.0	stock	Must order Bands and Gaskets	2018-09-18			
5	Aluminized Steel - 60ft Diameter 10 Gauge	Lane - Bedford PA	8.0	stock	Must order Bands and Gaskets	2018-09-18			
6	Aluminized Steel - 60ft Diameter 14 Gauge	Lane - Bedford PA	7.0	stock	Must order Bands and Gaskets	2018-09-19			
7	Aluminized Steel - 60ft Diameter 16 Gauge	Lane - Bedford PA	200.0	stock	Must order Bands and Gaskets	2018-09-19			
8	Aluminized Steel - 60ft Diameter 12 Gauge	Lane - Dublin VA	41.0	stock	Must order Bands and Gaskets	2018-09-19			
9	Aluminized Steel - 60ft Diameter 16 Gauge	Lane - Dublin VA	79.0	stock	Must order Bands and Gaskets	2018-09-18			80.0
10	Aluminized Steel - 72ft Diameter 12 Gauge	Lane - Bedford PA	12.0	stock	Must order Bands and Gaskets	2018-09-19			
11	Aluminized Steel - 72ft Diameter 14 Gauge	Lane - Bedford PA	49.0	stock	Must order Bands and Gaskets	2018-09-18			35.0
12	Aluminized Steel - 72ft Diameter 16 Gauge	Lane - Bedford PA	120.0	stock	Must order Bands and Gaskets	2018-09-19			
13	Aluminized Steel - 72ft Diameter 12 Gauge	Lane - Dublin VA	35.0	stock	Must order Bands and Gaskets	2018-09-19			
14	Aluminized Steel - 72ft Diameter 16 Gauge	Lane - Dublin VA	20.0	stock	Must order Bands and Gaskets	2018-09-18			
15	Aluminized Steel - 84ft Diameter 10 Gauge	Lane - Bedford PA	25.0	stock	Must order Bands and Gaskets	2018-09-18			
16	Aluminized Steel - 84ft Diameter 12 Gauge	Lane - Bedford PA	20.0	stock	Must order Bands and Gaskets	2018-09-18			
17	Aluminized Steel - 84ft Diameter 14 Gauge	Lane - Bedford PA	20.0	stock	Must order Bands and Gaskets	2018-09-18			
19	Polypropylene - 48ft Diameter (ftN12 HPft)	ADS - Bessemer City NC	200.0	stock		2018-09-14			
20	Polypropylene - 60ft Diameter (ftN12 HPft)	ADS - Bessemer City NC	400.0	stock		2018-09-14			

There's an APP for that!

Div 6 - Pipe Field Assessment Form

Field Assessment Date - Hydro Eng *

Field Hydro Engineer *

Coordinates - Longitude (Decimal Degrees)
5 Decimal Places

Coordinates - Latitude (Decimal Degrees)
5 Decimal Places

Structure #

Existing Structure Type - Hydro Eng

Existing Structure Condition - Hydro Eng

Replace Existing Structure (Y/N) - Hydro Eng

High Water Mark

Description of what it is (ex. debris), where it is and how high relative to a known point.

Existing Structure Length (ft) - Hydro Eng

Pipe Washout - Length (ft)

Measure the x-section of the blowout (ie. top of roadway to top of roadway)

Pipe Washout - Width (ft)

Measure the blowout length (ie. upstream to downstream from edge of pavement to edge of pavement). Roadway slope is captured in a field below "slope washout length".

Inlet - Stream Width (ft) - Hydro Eng

Measure the waters edge to the waters edge (using OHW) outside the influence of the structure. This is important for design and permitting purposes.

Inlet Slope Washout Length (ft) - Hydro Eng

Measure from edge of pavement to toe of slope (ie. upstream to downstream).

Outlet - Stream Width (ft) - Hydro Eng

Measure waters edge to waters edge (using OHW) outside the influence of the structure. This is important for design and permitting purposes.

Outlet Slope Washout Length (ft) - Hydro Eng

Measure from edge of payment to toe of slope (ie. upstream to downstream).

Height of Stream Bank (ft) - Hydro Eng

Measure from the lowest point in the stream bed to the top of stream bank at the floodplain.

Scour Hole (Y/N) - Hydro Eng

FEMA Flood Zone (Y/N)

FEMA Flood Designation

Field Comments - Hydro Eng

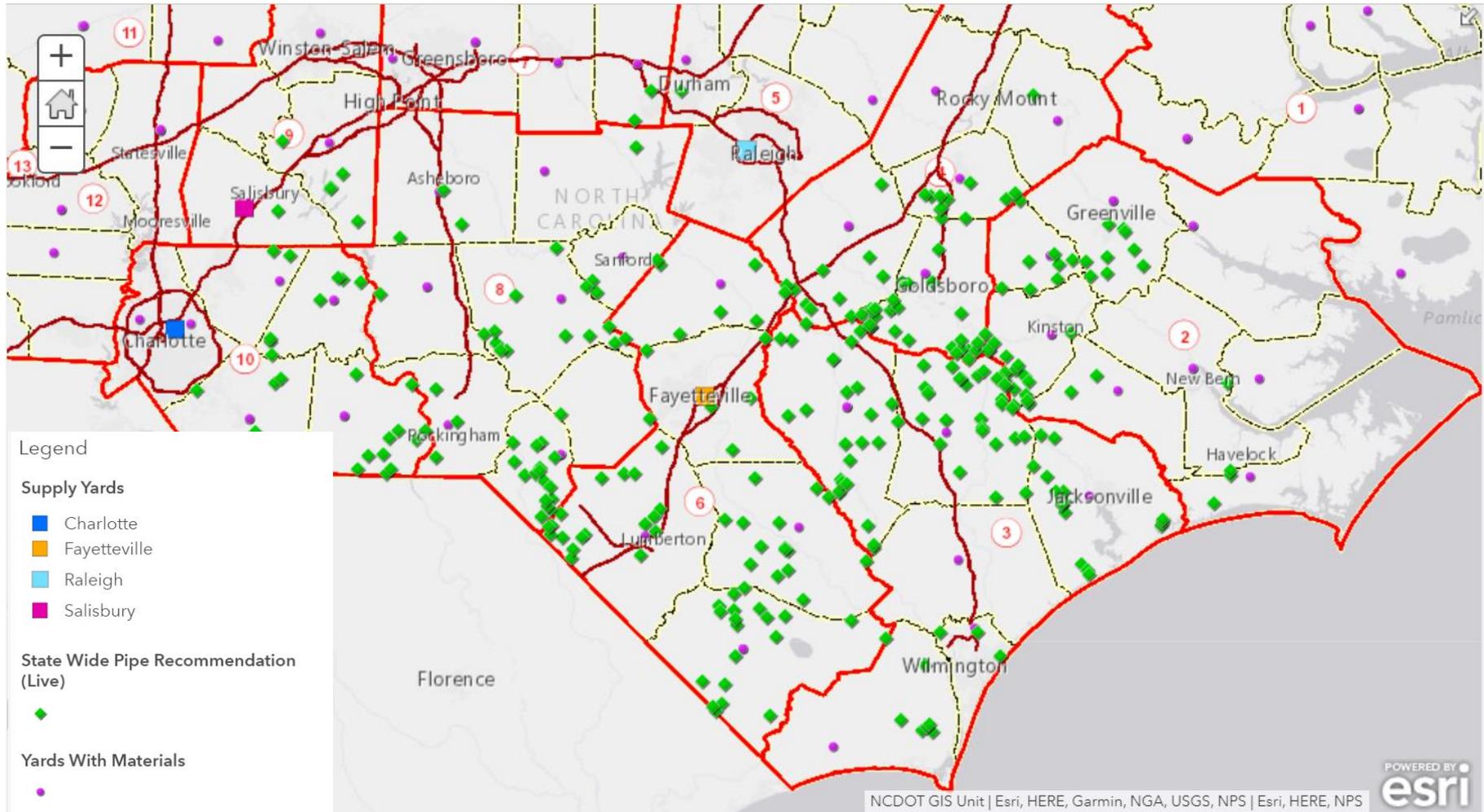
File Attachments

Attached photos, files, etc.

file name

Send me a copy of my responses

Pipe Replacement and Supply Yard Locations



Reporting Dashboard as of 10-9-18

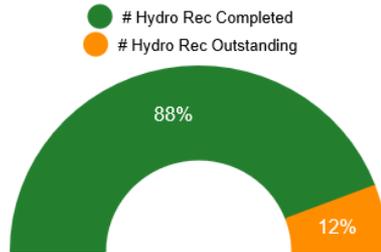


Hurricane Florence Pipe Recommendation Request DASHBOARD

STATEWIDE

382
Pipe
Recommendation
Requests

Statewide Pipe Recommendation Request Status



NOTES:

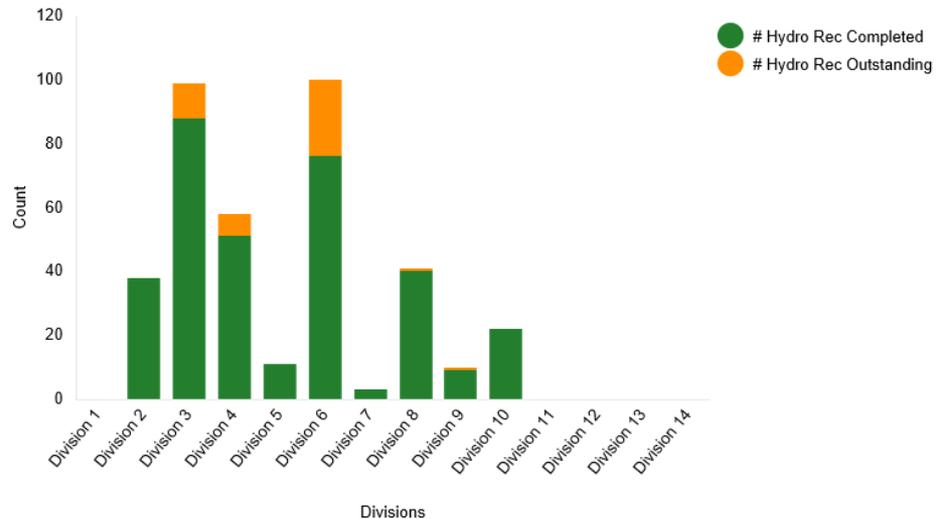
These statistics are dynamic and updated in real time as data is being assimilated. Therefore statistics may vary dramatically from one day, or even one hour to the next.

Some recommendation requests come with basic measurement data and some requests do not.

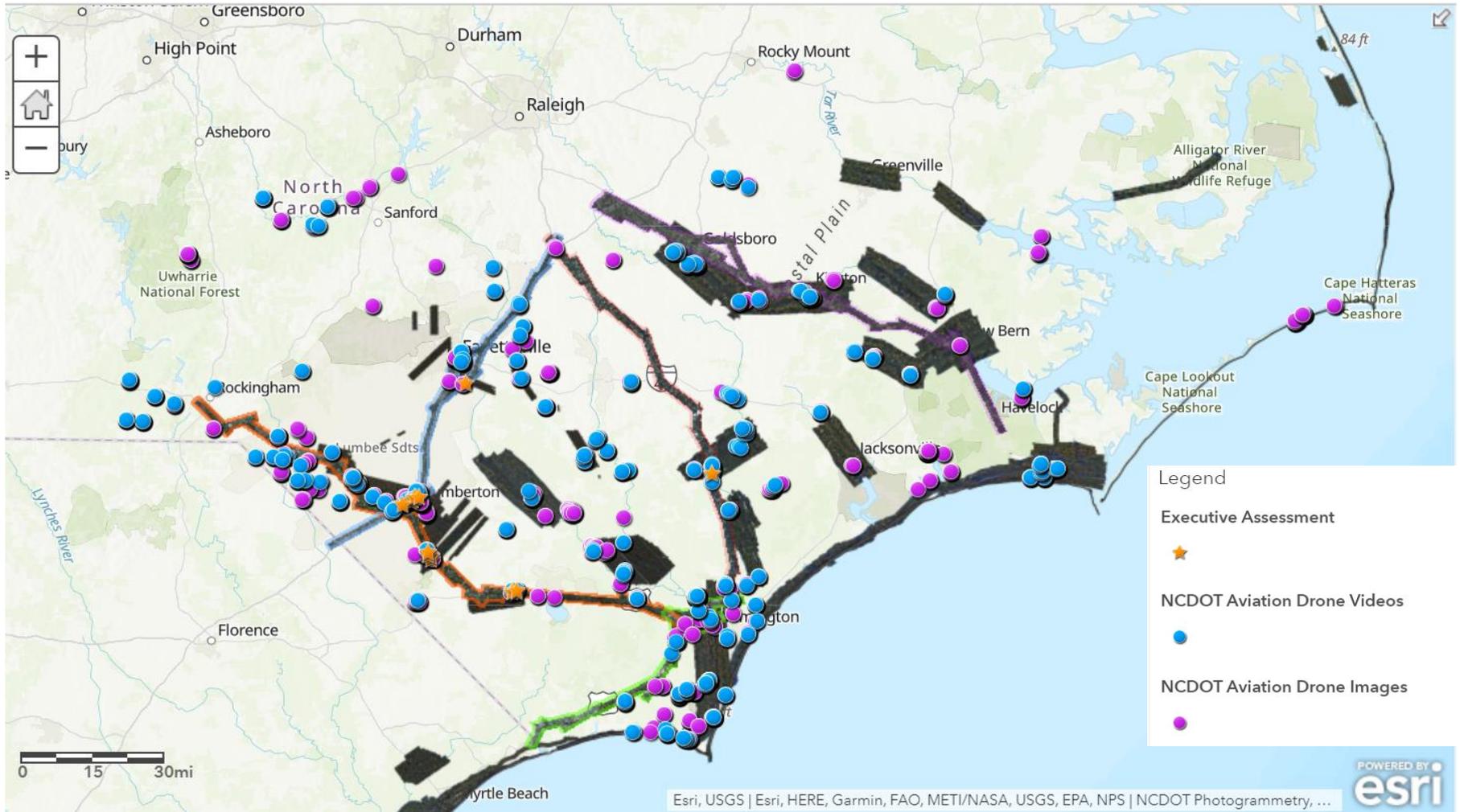
Data capture is happening in a variety of ways. Preliminary data coming directly from divisions at the time of the incident identification is sent to NCDOT Hydro for a pipe recommendation. In some divisions hydro engineers (consulting teams) are sent to collect basic field data and subsequently make pipe recommendations.

Field measurements will also proactively ensure constructability and assist in proactively resolving environmental permit issues.

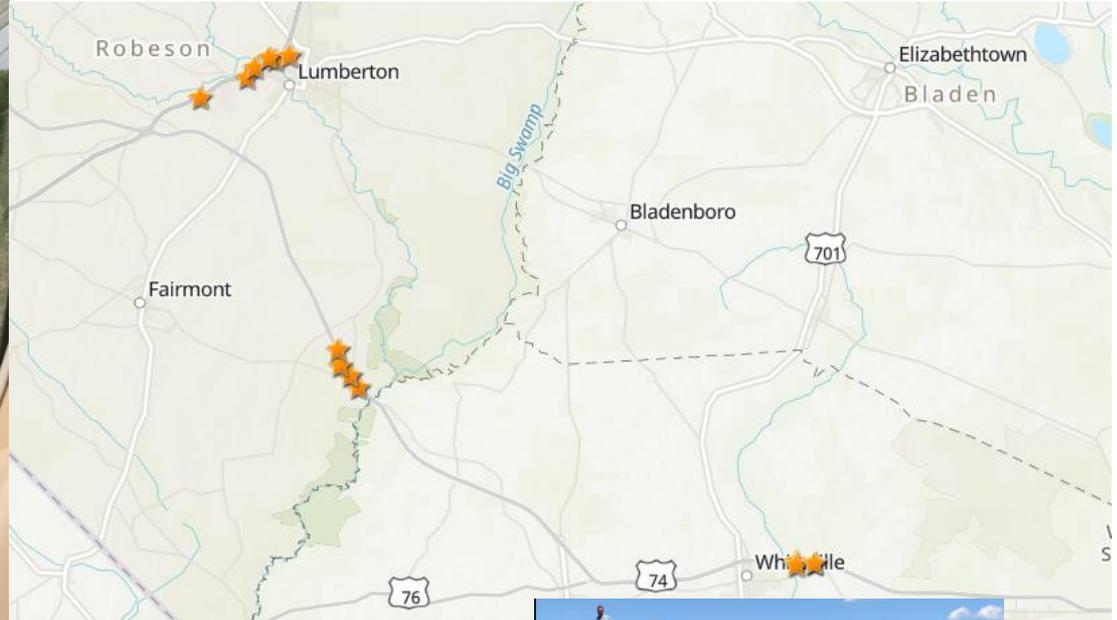
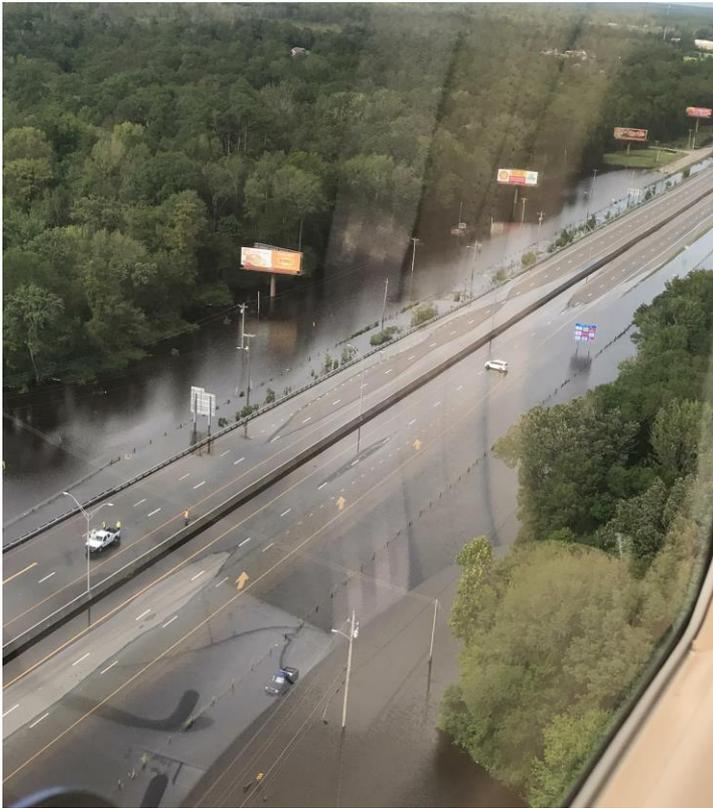
Division Pipe Recommendation Requests Status



Various Imagery Products



Mobile Pictures via APP



...as well as Facilities (DMV and Non DMV)...

DOT DMV Facility Status

- Intact, open
- ★ Damaged, open
- Intact, closed
- ★ Damaged, not open
- Unknown

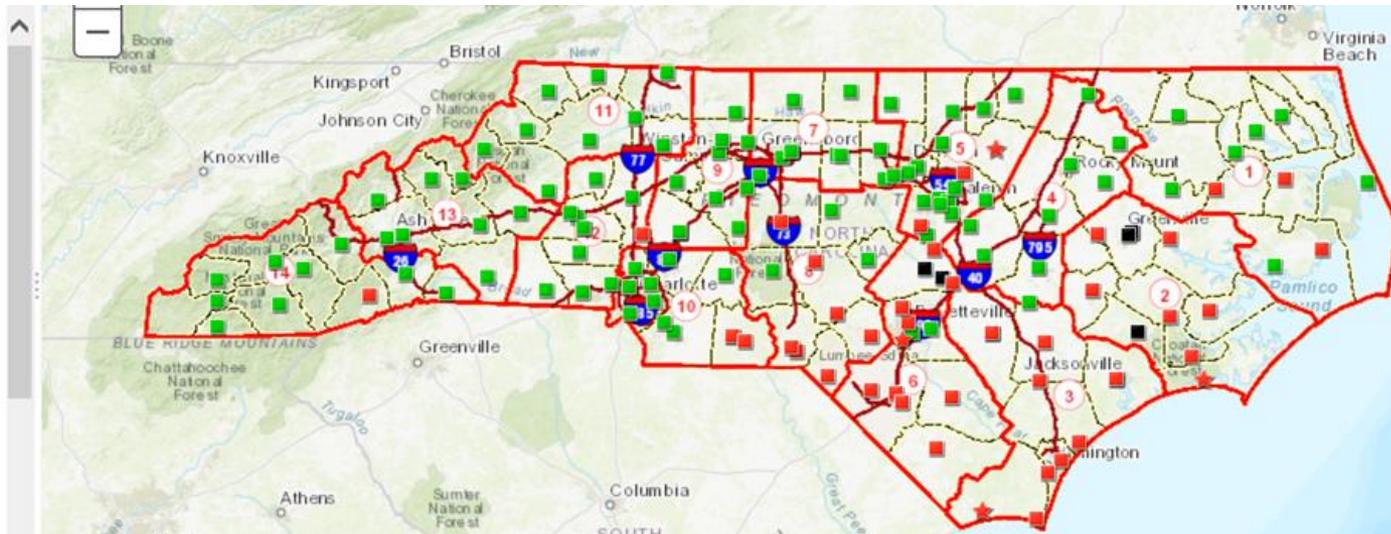
NCDOT State Maintained Roads

State Maintained Roads - Interstates

- Interstate

NCDOT Division Boundaries

Division Boundary Polygon



DOT NON-DMV Facility Status

- Intact, open
- Damaged, open
- Intact, closed
- Damaged, not open
- Unknown

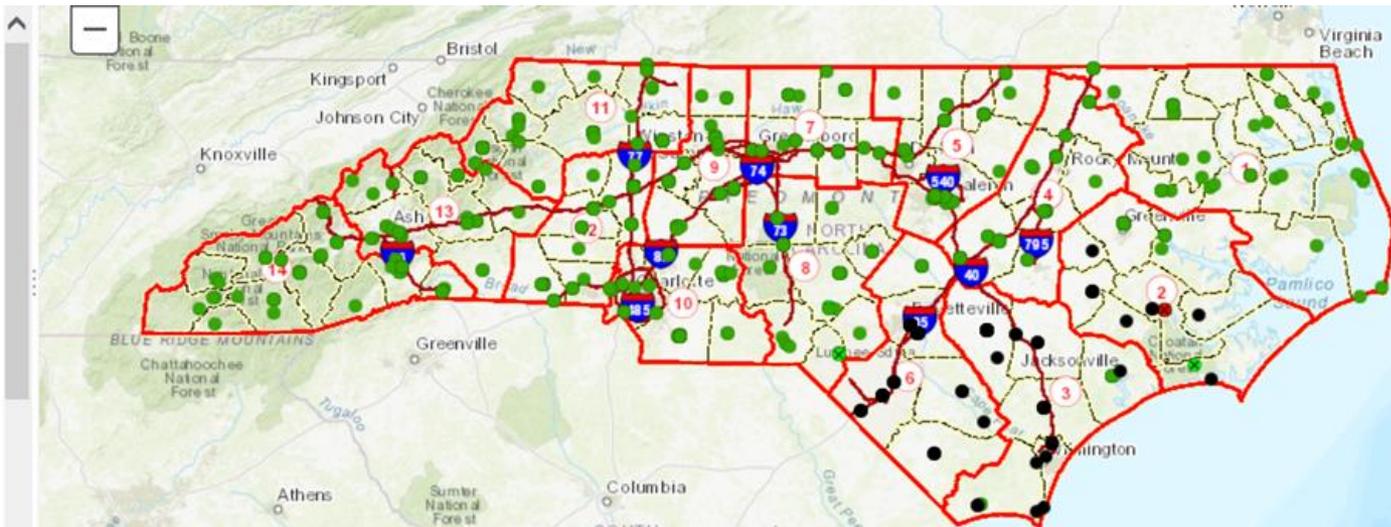
NCDOT State Maintained Roads

State Maintained Roads - Interstates

- Interstate

NCDOT Division Boundaries

Division Boundary Polygon



... Fuel Depots...

Fuel Depots Status

-  Closed
-  Open
-  Unknown

NCDOT State Maintained Roads

State Maintained Roads - Interstates

-  Interstate

NCDOT Division Boundaries

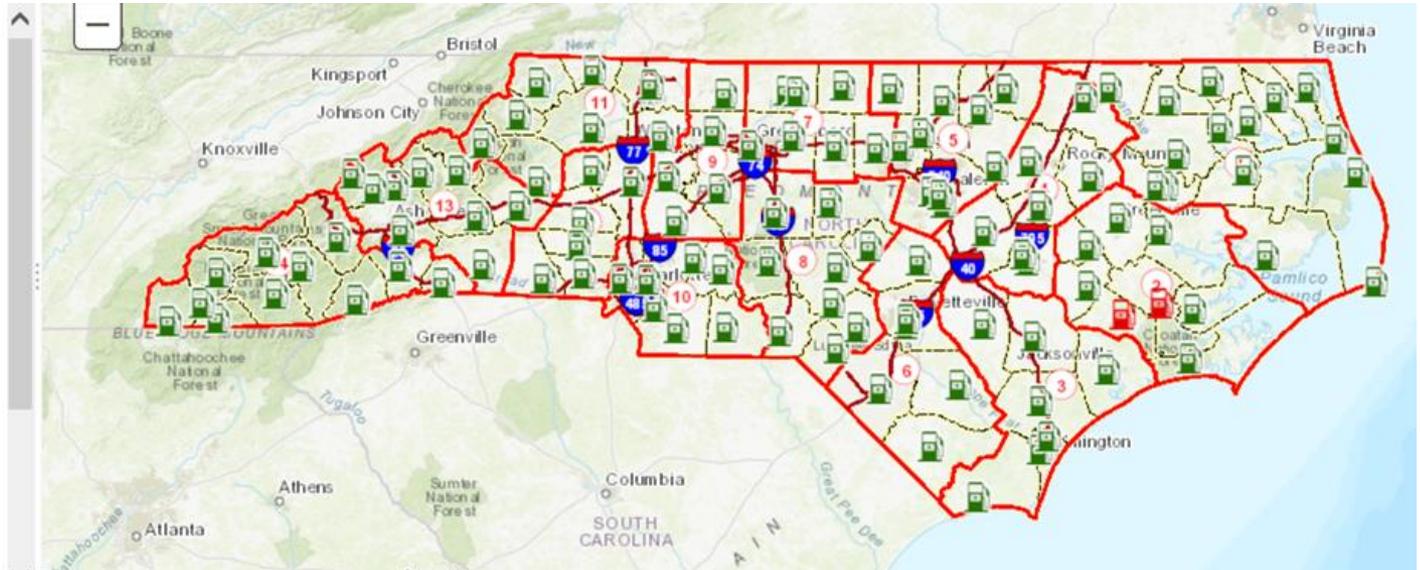
Division Boundary Polygon

- 

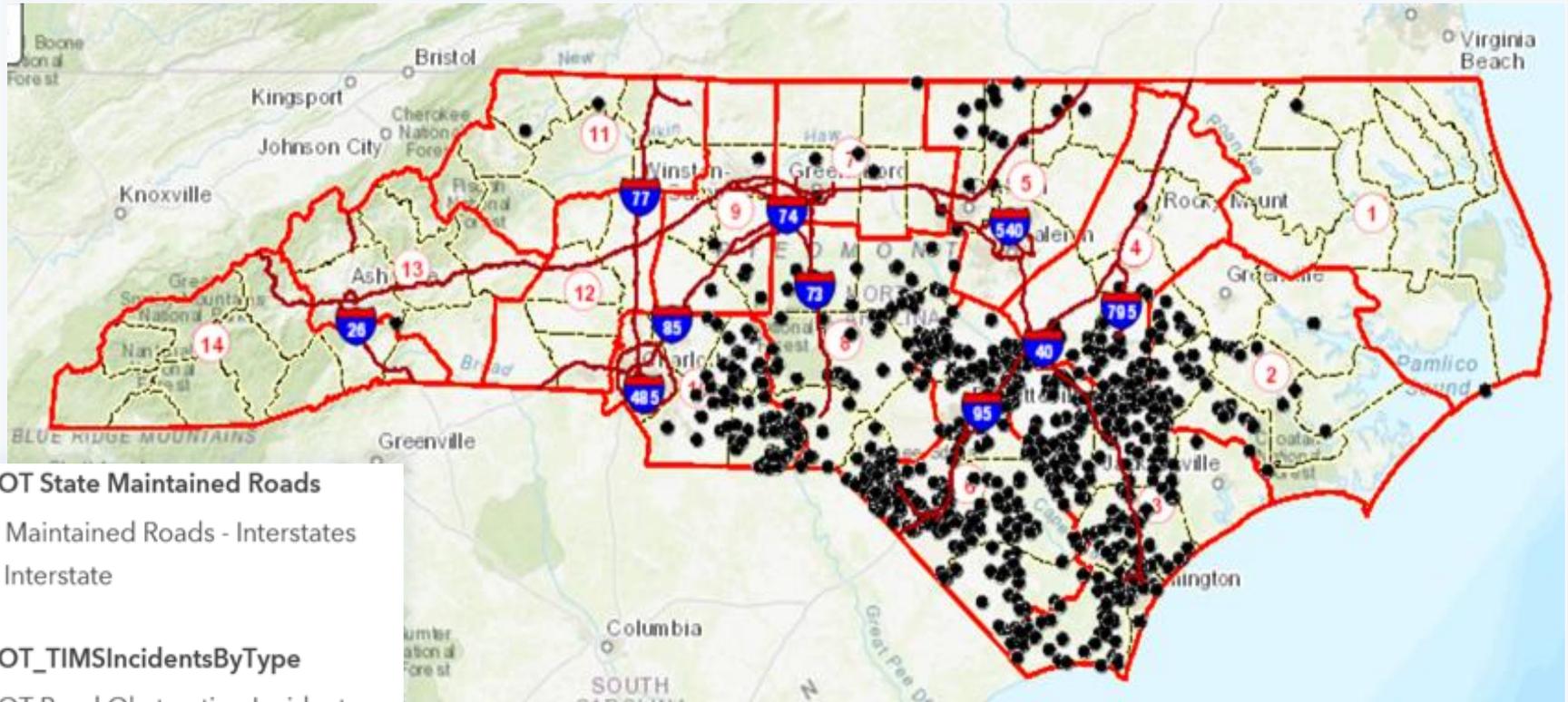
NCDOT County Boundaries

County Boundary

- 

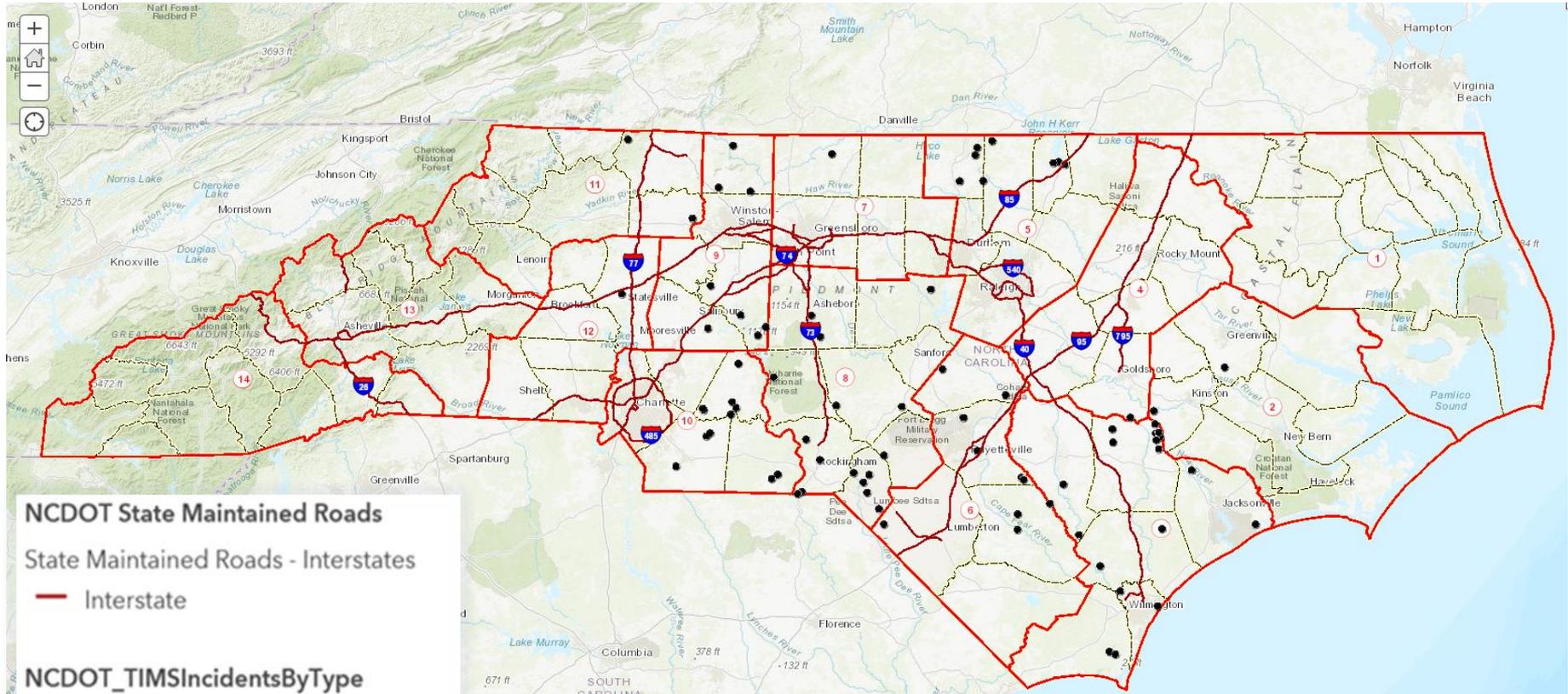


... and of course roadways

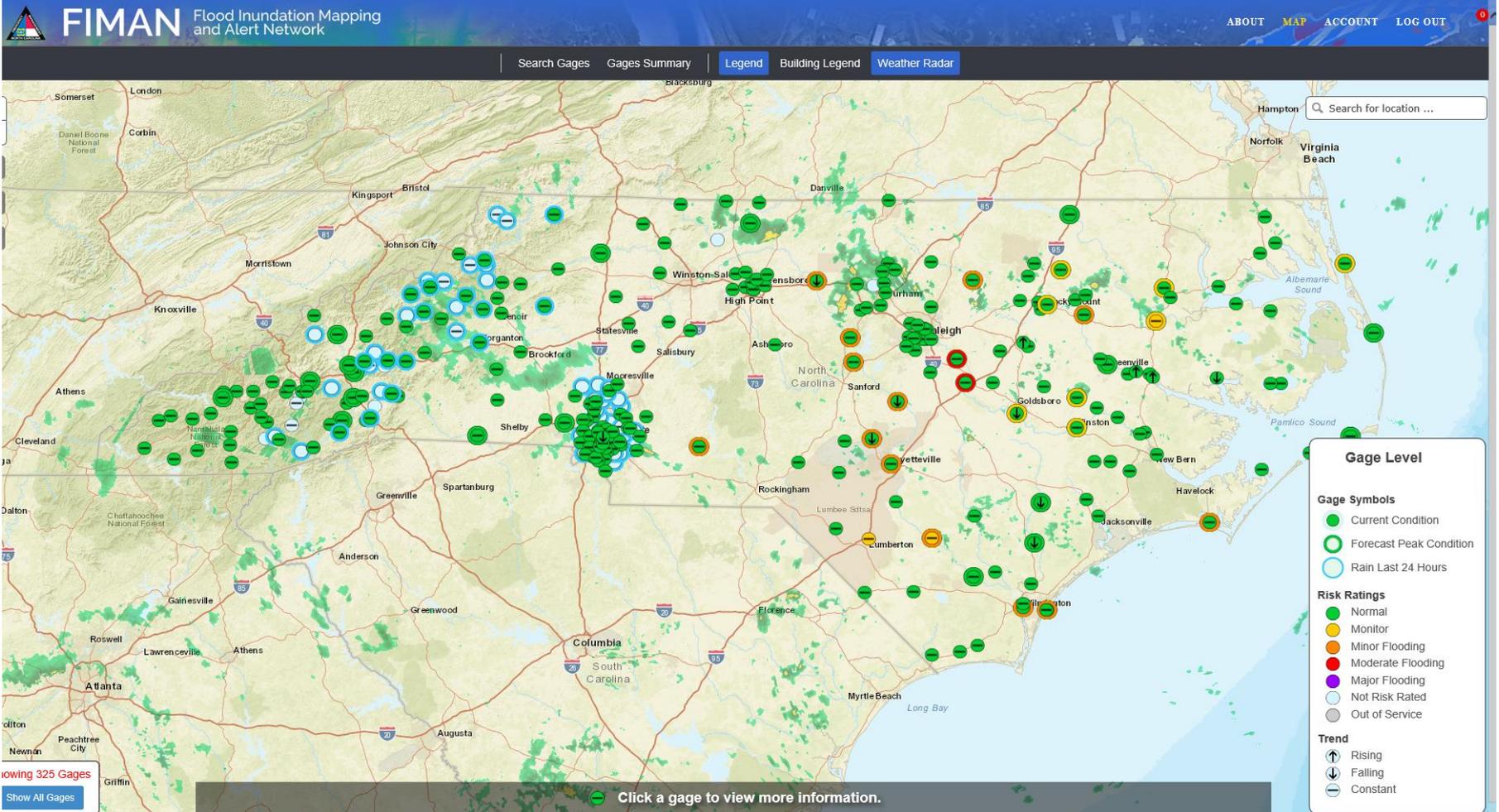


- NCDOT State Maintained Roads
- State Maintained Roads - Interstates
 - Interstate
- NCDOT_TIMSIncidentsByType
- NCDOT Road Obstruction Incidents
 -
- NCDOT Signal Problem Incidents
 -
- NCDOT Weather Event Incidents
 -

and this is where we are Today!



NC Flood Inundation Mapping and Alert Network (FIMAN)



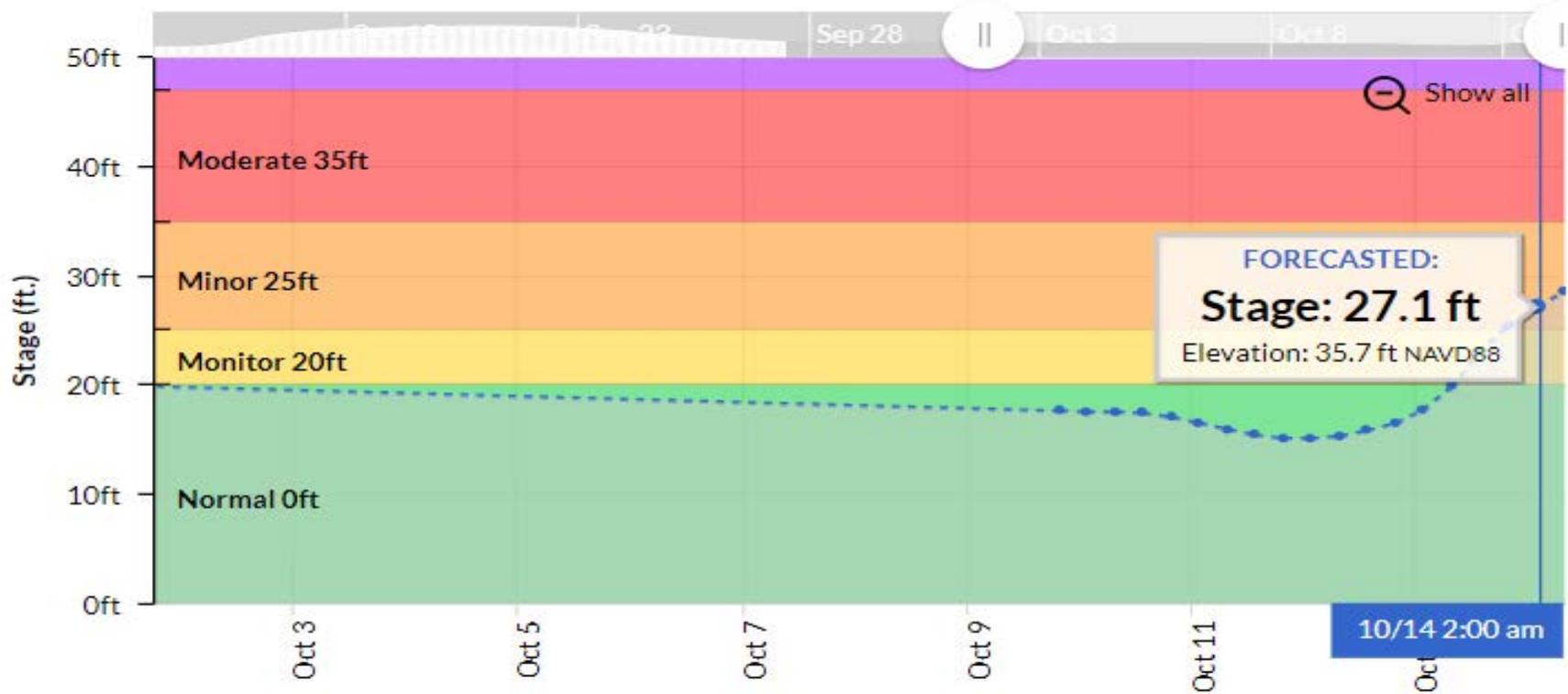
NC Flood Inundation Mapping and Alert Network (FIMAN)



NC Flood Inundation Mapping and Alert Network (FIMAN)



CAPE FEAR RIVER AT LOCK 2 NEAR ELIZABETHTOWN, NC - Stage



Click and drag on any section of the chart to zoom to a shorter time period

Last updated: Sep 27, 2018 at 11:45 AM Gage datum: 8.6ft NAVD88 Site ID: 02105544

Questions?

Chris Werner, Director of Technical Services

cmwerner@ncdot.gov

919-707-2540



NC Ports Hurricane Florence Response and Future Plans

North Carolina Department of Transportation
November 8, 2018

Port of Preparation

- Hurricane Preparedness Exercise 6/15
- Hurricane Preparation Plan activated 9/10
- Hosted twice daily emergency preparation planning meetings 9/10-9/13
- Hosted multiple customer calls beginning 9/10
- Participated in emergency preparation calls with Coast Guard and maritime stakeholders beginning 9/10



Landside and Waterside Preparations

- Hurricane Preparation Plan activated to protect cargo, facilities and equipment
- Container stacks block stowed and full containers moved to higher elevation
- Rolling stock and equipment relocated to minimize damage
- Generator power prepared for refrigerated cargo and IT systems
- Warehouses, offices and other port buildings secured to minimize damage
- Cranes in Wilmington and Morehead City secured

Port of Precaution

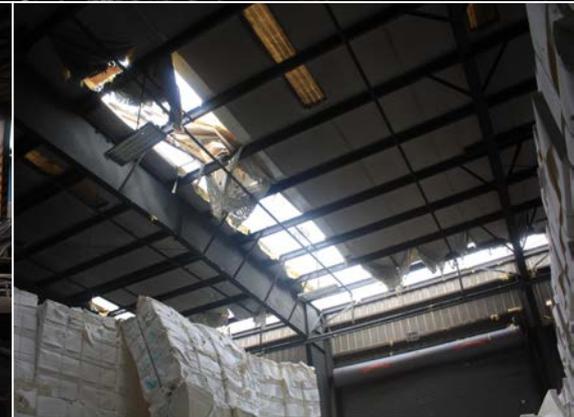
- Final vessel sailed 1800 9/11
- Commercial truck operations suspended 1900 9/11
- USCG declared Port Condition Zulu at 0900 9/12
- All storm preparations completed by close of business 9/12
- Restricted access and closed terminals in Wilmington and Morehead City 9/13-9/19

During the Storm

- Fueling operations for generator power 9/12 and 9/13
- Police Department patrol both facilities

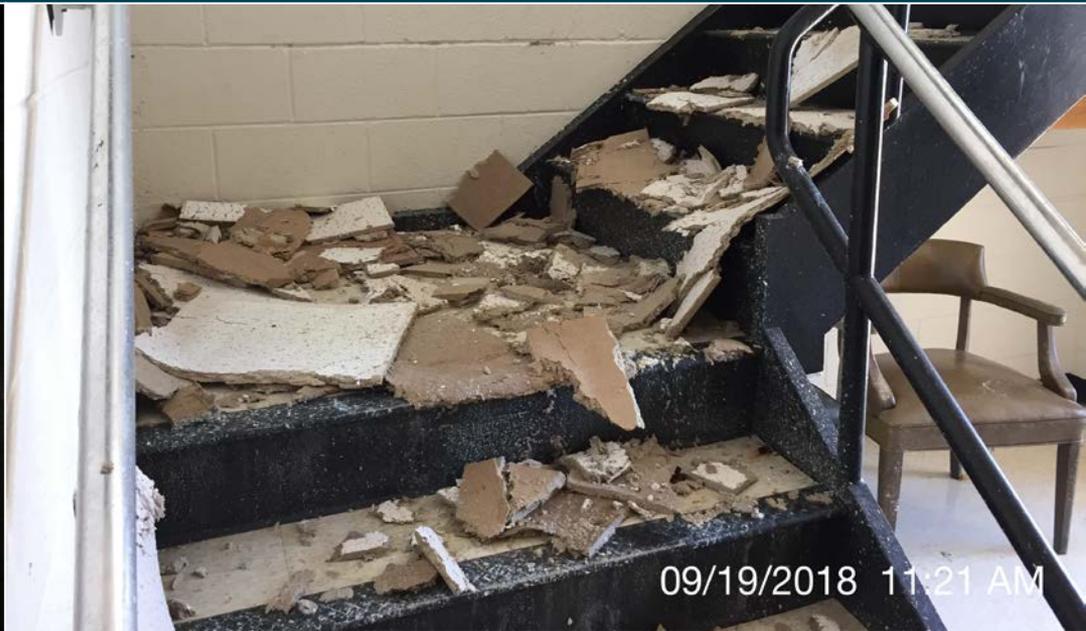
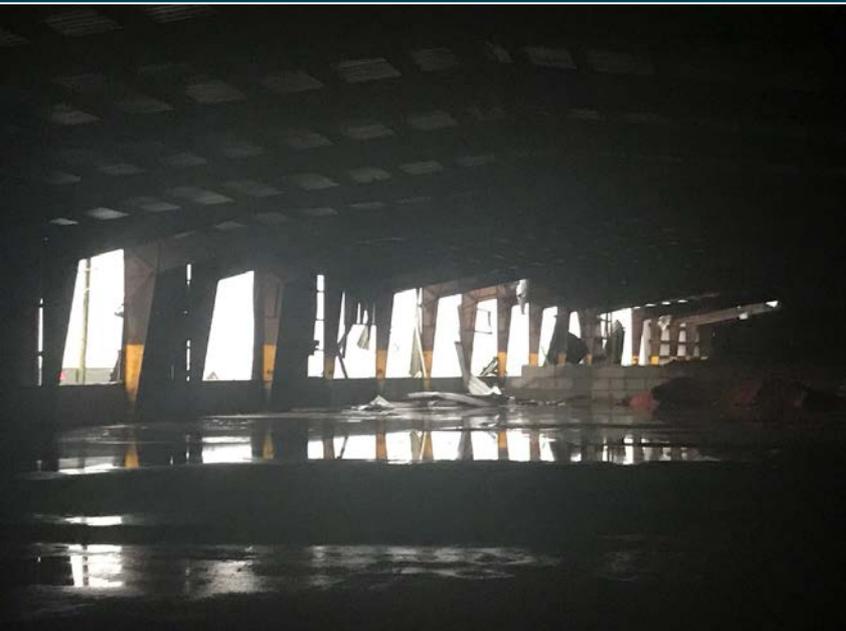


After the Storm











Port of Recovery

Mobilize Storm Response Team for initial assessment as quickly and safely as possible

Goals

- Assess major infrastructure for damage
- Document damage at each facility
- Safely resume commercial operations



Recovery Communications

- Communications with local, state and federal agencies regarding recovery and reopening efforts
 - NCDOT
 - North Carolina Emergency Management Operations Center
 - United States Coast Guard
 - Army Corps of Engineers
 - FEMA/MARAD
 - Duke Energy
 - NCDOI
- Communications regarding post-storm operating status
 - Employees
 - Customers

Landside and Waterside Operations Resume

- USCG opened both channels with restrictions 9/18
- Morehead City accepted first vessel 9/19 and Wilmington 9/20
- Both facilities resumed full commercial truck operations 9/24



Channel restrictions still exist

Damage Assessment

Port of Wilmington

- Warehouses and administrative buildings
 - Major sections of wall/roof blown away
 - Water intrusion
 - Blown-in doors
 - Missing shingles
- Equipment
- Cargo

Port of Morehead City

- Warehouses and administrative buildings
 - Roof and water damage
 - Major wall damage
 - Damage to warehouse doors
 - Missing siding
 - Water intrusion
- Equipment
- Cargo

- Estimated property repair or replacement cost **\$54M**
- No major damage to container cranes or berths

Looking Forward

Growth Today and Into the Future

Record Fiscal Year 2018

- Wilmington container volume up 38%
- Wilmington general cargo volume up 18%
- Morehead City general cargo volume up 21%

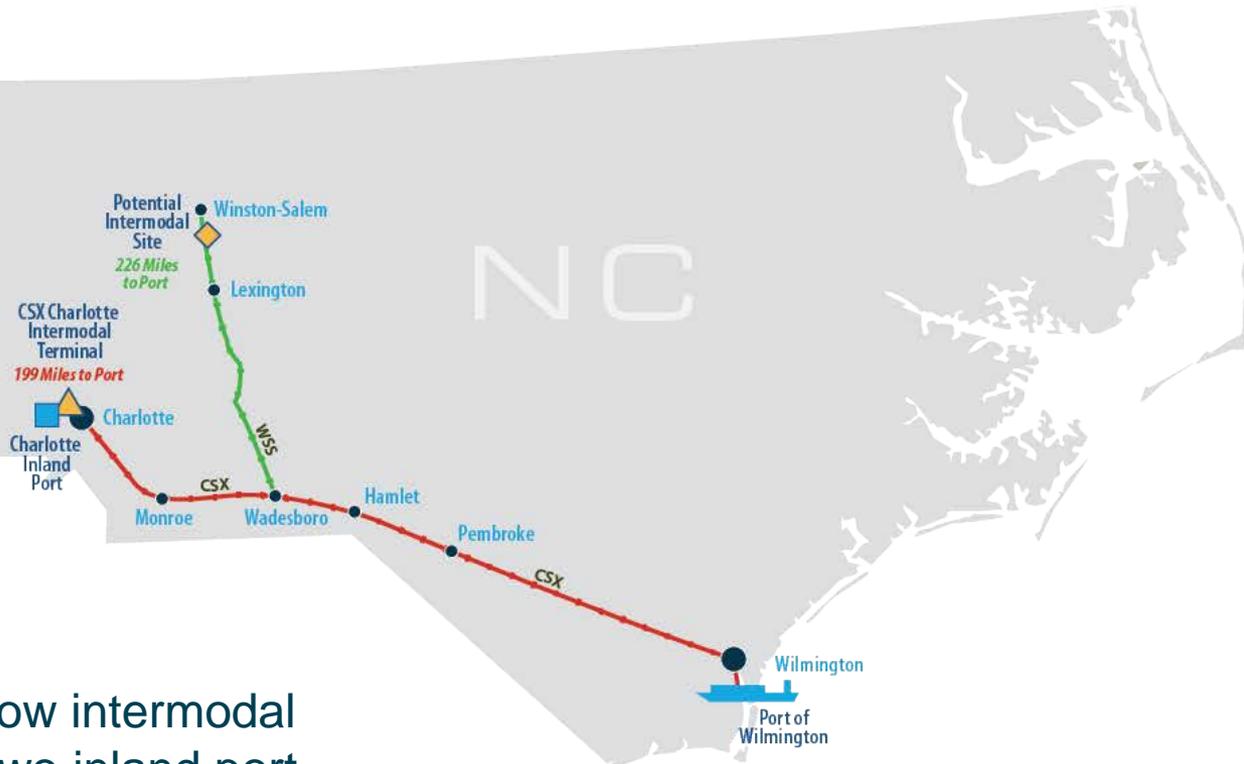


Wilmington to add weekly 10,000 TEU vessel calls

Essential Projects

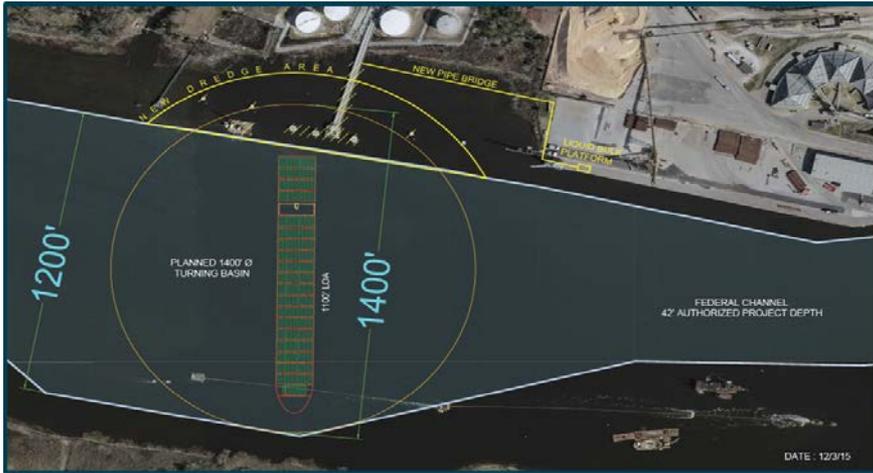
- CSX Intermodal
- Master terminal plan
- Wilmington Navigational Harbor enhancements

CSX Intermodal Network



It is NC Ports' mission to grow intermodal rail volumes and establish two inland port locations in North Carolina.

Capital Improvement: 14,000 TEU Vessel



\$200 million total capital improvement plan

- Turning Basin to 1,500 ft. – Phase II (Underway)
- Berth expansions – Berth 7– (Underway)
- Feasibility Study – navigational (Underway)
- 3 neo-Panamax Cranes
- Container Yard Expansion Master Plan (Underway)
- Expanded yard capacity with additional new equipment
- Increased speed and efficiency of loading/unloading

Wilmington Harbor Enhancements

- Currently conducting Section 203 study to determine feasibility of enhancing Wilmington Navigational Harbor
- Study to conclude in spring 2019

Benefits of an enhanced harbor

- Maintain competitiveness and attract more business
- Allow larger deep-draft containerships to access Port of Wilmington
- Every super post-Panamax container service calling Wilmington from the Far East has a direct impact of \$3.7B



GROWING THE ECONOMY, GUARDING THE ENVIRONMENT.

At North Carolina Ports, there's nothing more important to us than our great relationship with the Cape Fear region. As we begin the expansion and modernization of the Wilmington Harbor, the safety and well-being of the community remain our highest priorities. We are working to ensure that the transition period runs as smoothly as possible, and we are taking every precaution to keep disruptions to a minimum and safeguard our beautiful beaches and natural environment.

We believe in conducting this vital work with

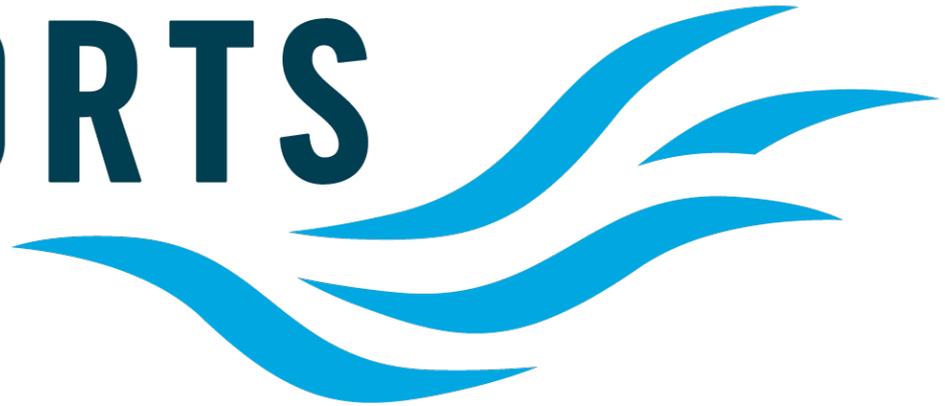
100% TRANSPARENCY

See back page for answers to frequently asked questions about the project, and we welcome any other questions and concerns you may have.

The Future of the Wilmington Navigational Harbor



**NORTH
CAROLINA
PORTS**





ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS MEETING MINUTES

DATE: 9/5/18 TIME: 4:10 pm LOCATION: Board Room 150

MEETING CALLED BY	Chairwoman Valerie Jordan called the meeting to order
BOARD ATTENDEES	Valerie Jordan, Hugh Overholt, Thomas Taft, Jr., Sam Bowles, Andy Perkins, Gus Tulloss, Cullie Tarleton, Billy Clarke, John Pope

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF SEPTEMBER 5, 2018 MINUTES – CHAIRWOMAN VALERIE JORDAN	
DISCUSSION SUMMARY	Chairwoman Jordan called the committee to order and presented roll call.
ACTIONS TAKEN	A motion to approve the September 5, 2018 EDIR committee meeting minutes as distributed was made by Chairwoman Jordan. A motion was made by Billy Clarke and seconded by Cullie Tarleton. The committee approved unanimously.
2. YEAR-END REVIEW AND NEW YEAR PREPARATION – AUREA RODRIGUEZ AND JEFF ROERDEN, GOVERNANCE OFFICE	
DISCUSSION SUMMARY	<p>Aurea Rodriguez and Jeff Roerden facilitated a long-range planning discussion during the meeting to define focus areas and topics that will be presented during future EDIR meetings. Prior to the meeting surveys were sent out to committee members to assist in the discussion as well.</p> <p>Jeff Roerden and Aurea Rodriguez gathered all of committee members input and will send out to committee members next Friday for review.</p> <p>Comments:</p> <p>Vice-Chairman Overholt would like to see 5-6 things that the committee can do; action plan that create results. Ex. Create a building at GTP and enhancing the Ferry system. He would like to see DOT produce something people are attracted to in NC.</p> <p>Committee member Clarke would like to see a continuation of focus on HBCU's and minority owned businesses and contract suppliers. He would like to see actual progress from what was discussed at EDIR meetings. He expressed that the committee should invest more time beyond this session to finalize focus areas. He expressed that he would like to see a concise presentation on what EDIR can do to help economic development with specific needs.</p> <p>Committee member Tarleton commented that he would like to see more of how NCDOT's work across the state impacts economic development.</p> <p>Committee member Taft commented that it is important to gain Legislative support and focus more on Ferry areas or areas that can make an impact.</p> <p>Committee member Pope commented that someone collectively can present opportunities for economic development to EDIR. He commented that they need to look at more specific and determined issues.</p> <p>Chairwoman Jordan commented that they need to accomplish wins while incorporating economic developments. Diversity and inclusion should remain included. The focus should also be on how to drive contracts and utilize HBCU's more. She would also like to look at military contractors as an emphasis on economic development.</p>
ACTIONS TAKEN	No action taken.
ADJOURNED 5:05 PM	



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS MEETING MINUTES



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) AGENDA

BOARD OF TRANSPORTATION NOVEMBER 7, 2018

TIME: 3:15PM

LOCATION: Room 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of September 5, 2018 Meeting Minutes	Hugh Overholt, Chair	5 minutes
Opening remarks	Hugh Overholt, Chair	5 minutes
EDIR Committee Focus Areas for 2018-2019	Hugh Overholt, Chair	40 minutes
Other Discussion	Hugh Overholt, Chair	10 minutes
Adjourn	All	Adjourn



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

DATE: September 5, 2018 TIME: 4:10 pm LOCATION: EIC

MEETING CALLED BY	Chairman Tony Lathrop
BOARD ATTENDEES	Chairman Tony Lathrop, Nina Szlosberg-Landis, Landon Zimmer, Grady Hunt, and Jack Debnam

AGENDA TOPICS

1. August 2018 FAST Meeting Minutes Approval	
DISCUSSION SUMMARY	August 2018 FAST Meeting Minutes
ACTIONS TAKEN	Approved Unanimously

2. Financial Update - Evan Rodewald, Chief Financial Officer	
DISCUSSION SUMMARY	<p>Chief Financial Officer, Evan Rodewald thanked the Recognized Funds Administration (Michelle Overby, Frank Bowen, and Terry Whitley) for their hard work.</p> <p>Evan is working to update the financial presentation we prepare each month, not only for new information, but to simplify the presentation. One of the things is to focus more on Highway Fund (HF) and Highway Trust Fund (HTF). The HF is the older of the two funds. Motor fuel tax is the biggest revenue source and the 2nd biggest revenue source is federal funds. Bulk of the programs in the Highway Funds are DMV registration, Licenses, Contract Resurfacing, Bridge Program, General Maintenance, Powell Bill, Modal, Small Construction, Admin, GARVEE, and that is where the state money goes.</p> <p>Federal Funds that go into STIP Together with the HTF, the \$1.1 billion and the \$1.3 billion that is the annual budget for STIP. Largest state revenue resource is the Highway Use Tax and obviously the HTF gets a cut of that. HTF also funds Gap, GO, Ports and Administration.</p> <p>Expenditures – Most of DOT’s expenditures are on contracts, construction contracts, maintenance contracts, Right of Way, engineering contracts, etc.</p>
ACTIONS TAKEN	N/A

3. Cash Balance Update – Evan Rodewald, Chief Financial Officer



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

DISCUSSION SUMMARY	<p>Daily cash balance is down 1.1B. We don't have any closed-out month end cash balance. Down \$0.2 billion since July, down \$0.5 billion since beginning of the calendar year, and down \$1.0 billion since beginning of the 2017-2018 state fiscal year.</p> <p>The \$1.1 billion as of August 31, 2018 represents 77 days of working capital. DOT has contractual obligations of \$6.1 billion outstanding purchase orders (\$332 million) and outstanding contracts (\$5.8 billion).</p>
ACTIONS TAKEN	N/A

4. Follow-up information on Build NC and GARVEE Bonds - Evan Rodewald, Chief Financial Officer

DISCUSSION SUMMARY	CFO, Evan Rodewald provided an update on BUILD NC and GARVEE bonds.
ACTIONS TAKEN	N/A

5. Meeting Adjourned – Chairman Tony Lathrop

DISCUSSION SUMMARY	Meeting Adjourned at 5:00pm
ACTIONS TAKEN	N/A



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE AGENDA

BOARD OF TRANSPORTATION NOVEMBER 7, 2018

TIME: 3:15pm – 4:15pm

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Meeting Minutes Update <ul style="list-style-type: none"> · Approval of September 2018 meeting minutes 	Tony Lathrop, Chair	3:15pm
Discussion of Future Transportation Funding and Investments	Tony Lathrop, Chair	3:30pm
North Carolina Statewide Transportation Plan	Kerry Morrow	3:45pm
Cash Balance Update	Evan Rodewald	4:10pm
Adjourn	Tony Lathrop, Chair	4:15pm



NORTH CAROLINA

Department of Transportation



North Carolina Statewide Transportation Plan

Board of Transportation – Funding & Appropriations
Strategies Committee

November 7, 2018



What is a Statewide Plan?

- Long-range multimodal transportation plan
- Policy-based plan to set long-term priorities

How the Plan Shapes North Carolina's Future

If you own a house, you know what it takes to maintain it and to make improvements so that it retains its value or adds quality to your life. You plan your living arrangements primarily based on the room needed to accommodate your family, and on how much money you have.

The 2040 Plan is much like this. By way of this plan, North Carolina defines what is needed to meet the future demands of all forms of transportation, estimates how much those needs will cost and compares that to how much money the state will have in future years to pay for those needs.

Importance of Long-Range Statewide Planning

THE FUTURE IS HARD TO PREDICT





WHY THINK AHEAD?

NC in 1990

- **6.64** million residents
- **\$26,329** HH income
- **5.6 million** vehicles
- **62.7 million** miles traveled
- First web server developed
- Ghost tops box office
- NCSU beats UNC
- No NFL or NHL team
- NC launched 1st Statewide Plan (1995)

NC in 2018

- **10.4** million residents
- **\$50,343 HH income (2017)**
- **9.4 million** vehicles
- **116.7 million** miles traveled
- **77%** have smartphones
- Black Panther leads box office
- NCSU predicted to beat UNC
- 2 Super Bowl appearances & 1 Stanley Cup
- NCDOT looks ahead to 2050



NCDOT
From Policy to Projects

2040 Plan

Previous Statewide Plan: 2040 Plan

Projecting the Future

What we did:

- > Identified our needs for statewide systems, such as our Interstate highway system;
- > Asked local governments to share with us their projected needs, both in the short and long terms;
- > Estimated what is needed to ensure the users of all of our transportation systems remain safe, our systems are maintained, our roads are less congested and we keep freight moving to enhance our economy;
- > Asked residents of North Carolina to help us identify their future transportation needs; and
- > Researched what funding will be available and potential funding sources.

NC's 30-Year Needs & Funding Gap



All numbers in current dollars

Expected revenues reflect the 30-year net of approximately \$4 billion per year available after transfers for programs such as construction, maintenance, and operations. Due to inflation, buying power is lost over time.

2040 Plan – What's still valid?

- Strategic Transportation Corridors
- Revenue forecast → funding shortfall
- Responsiveness to MPO/RPOs → DPE/CDE
- Project delivery
- Freight Initiatives
- NC Build



Challenges to Matching Increasing Costs

- 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

Revenue Scenarios studied in 2040 Plan

- Supplementing existing taxes/fees with interstate highway tolling
- Replacing motor fuel tax with VMT Fee in 2020
- Enhancing existing revenue sources with indexing and increases
- Supplementing existing taxes/fees with new revenue sources other than interstate highway tolling



NC MOVES **2050**

CONNECTING YOUR COMMUNITY,
YOUR VOICE AND YOUR FUTURE

NC Moves 2050 Plan

- Enhance multimodal vision
- Establish hierarchy and harmony of plans
- Develop public outreach for variety of audiences
- Performance measures
- Scenario planning
- Consider interim solutions



NC Moves 2050 Overview

Where Are We Now?



- Partnership opportunities



- Historic trends
- Current practice

Where Could We Go?



- Indicators, signs of change



- Plausible alternative futures

How Could We Prepare?



- Impacts and ideas
- Indicators to watch



- Test ideas
- Robust strategies

What's Our Path Forward?

- Goal
- Policies
- Strategies
- Investments



NC MOVES 2050

CONNECTING YOUR COMMUNITY,
YOUR VOICE AND YOUR FUTURE

Where Are We Now?

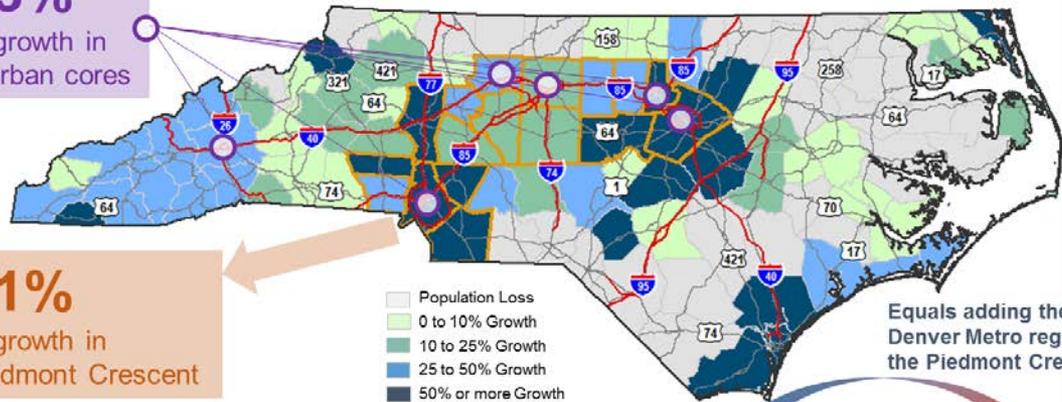
Highlight the role of transportation in supporting NC's economy and quality of life and capitalize on findings from recent statewide planning

Create an informed and diverse groundwork of research and data to inform real alternative futures



53%
of growth in
6 urban cores

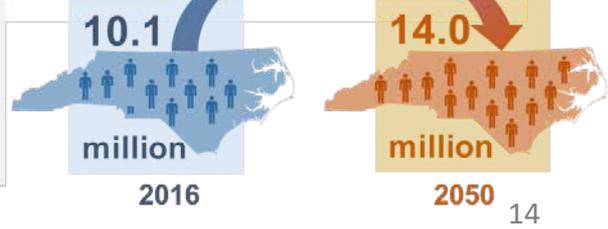
Projected Population Growth Through 2050



71%
of growth in
Piedmont Crescent

Equals adding the Denver Metro region to the Piedmont Crescent

North Carolina's demographics are changing.
The population of North Carolina has grown from 6.7 million people in 1990 to 10 million people in 2015, a total growth rate of 51 percent. Over the same time period, the population of the U.S. has increased by 29 percent. The trend is expected to continue, with North Carolina expected to add nearly 4 million more people by 2050.

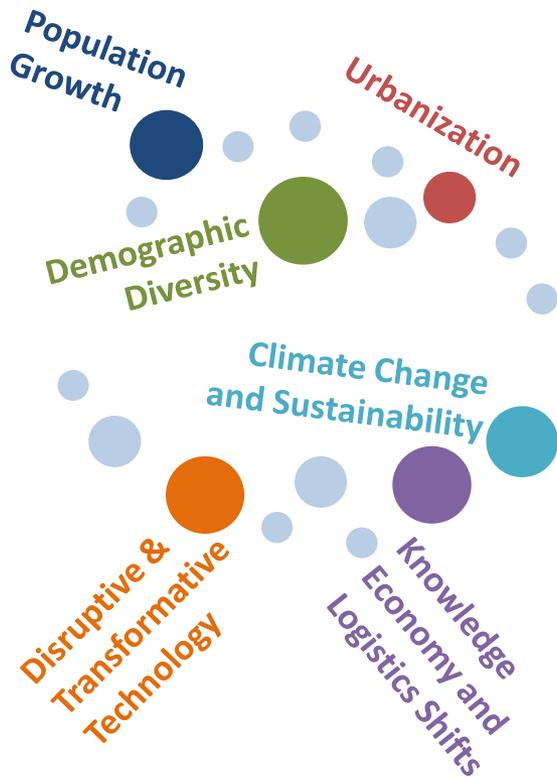




Where Could We Go?

Build context sensitive regional futures reflecting unique economic, demographic, environmental, and transportation realities and visions

Drivers & Opportunities



Alternative Futures



Unique by region based on drivers and regional goals

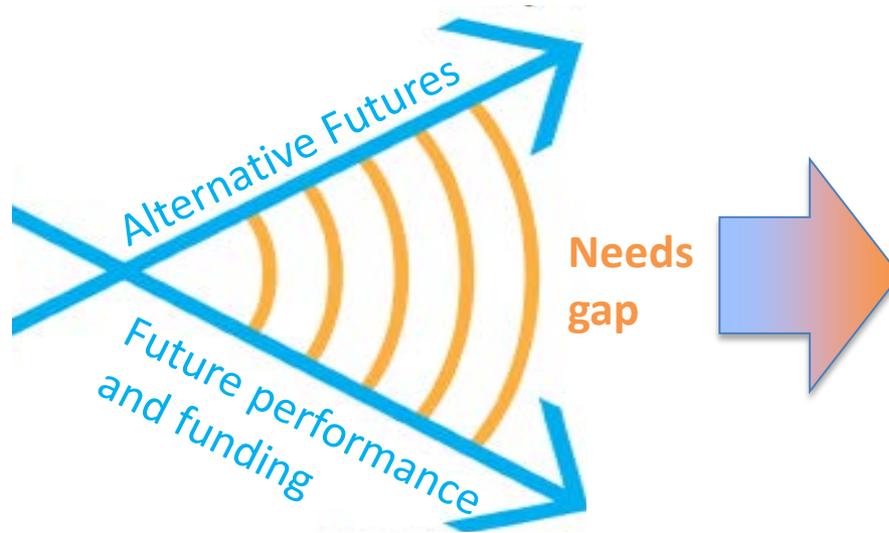


How Could We Prepare?

Align future needs and opportunities against potential funding to determine performance outcomes

Create a short and long-term plan of scenarios and strategies that consider trade-offs and resources

Population to increase 38% through 2050



Decreased mobility
Long-term funding uncertainty

	Near-Term Action	Deferred Action
Low Risk	Mitigation strategies that will be generally beneficial however the future unfolds (robust)	Mitigation strategies with modest lead time for less certain impacts (adaptive)
Higher Risk	Mitigation strategies with longer lead time for less certain impacts (hedging)	
	Strategies to promote desired outcomes (shaping)	



What's Our Path Forward?

- Strategies resilient to alternative futures
- Capitalize on new opportunities
- Create a “family of plans”
- Identify plan “champions”
- Link and support programming and performance



What's Our Path Forward?

Engaging Our Partners and the Public

Internal Focus

Board of Transportation

EDIR Committee

Adoption and Implementation

Executive Management

Leadership and Direction

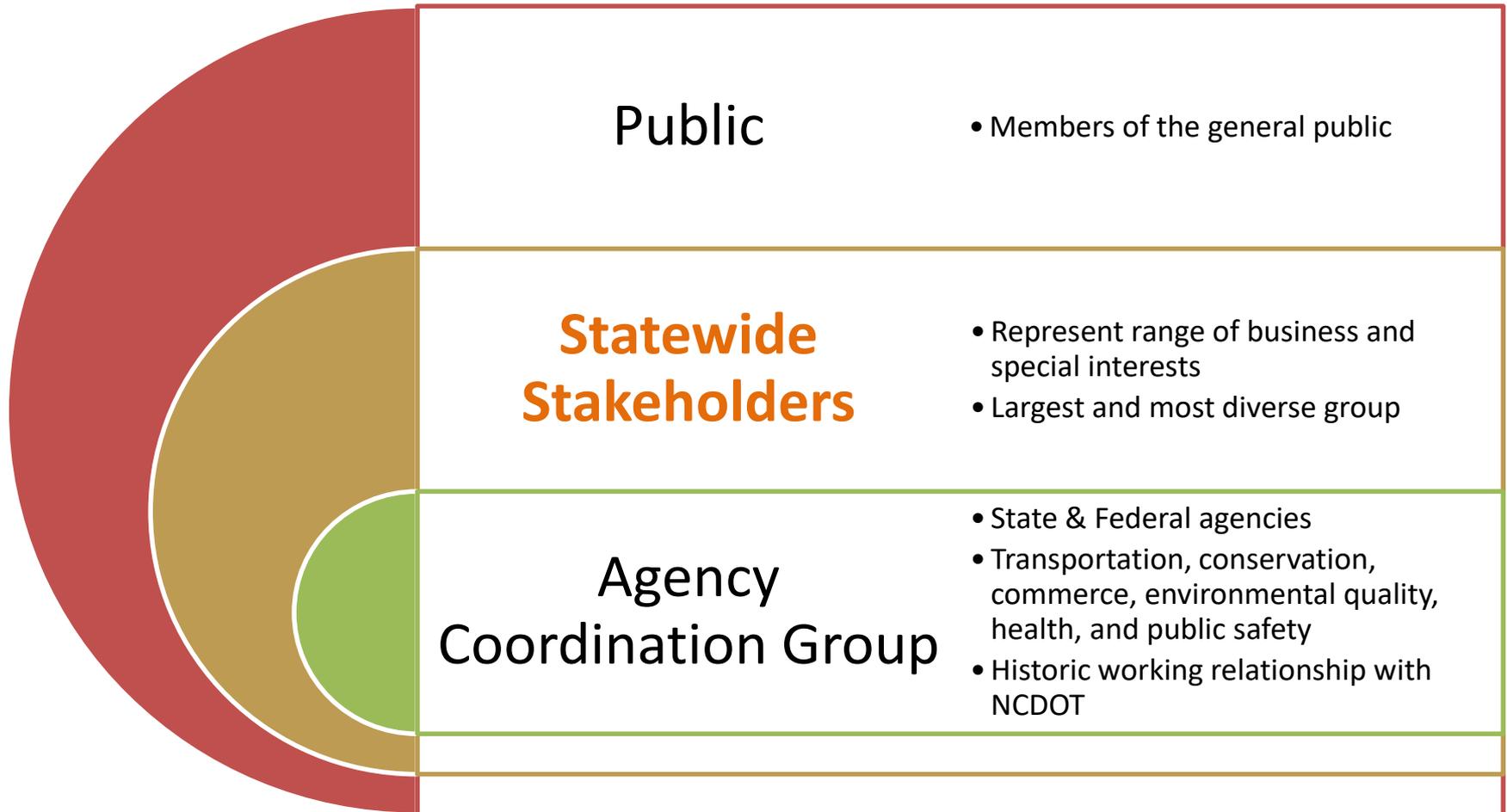
Working Group

Subject Matter Experts

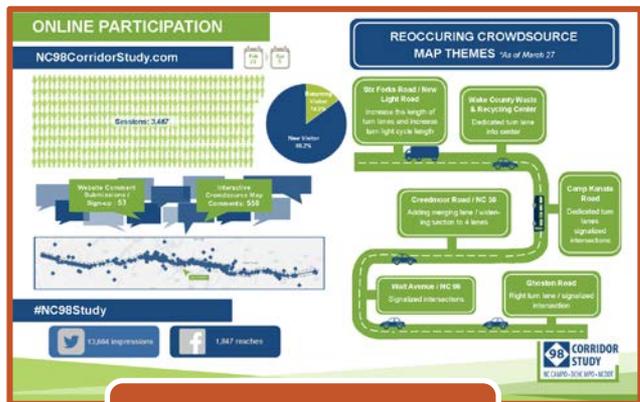
NCDOT, Planning Organizations, FHWA

Engaging Our Partners and the Public

External Focus



NC Moves 2050 Public Engagement



Visual Materials

Build Support & Momentum



Active & Convenient Participation

Outcome rather than output



High-Reach Engagement

Educational Videos

- Share electronically
- Consistent messaging in a visual and auditory manor

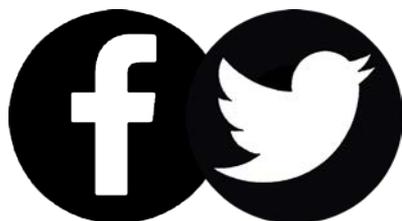


Crowdsource Map

- Submit comments and photos electronically
- Public interaction

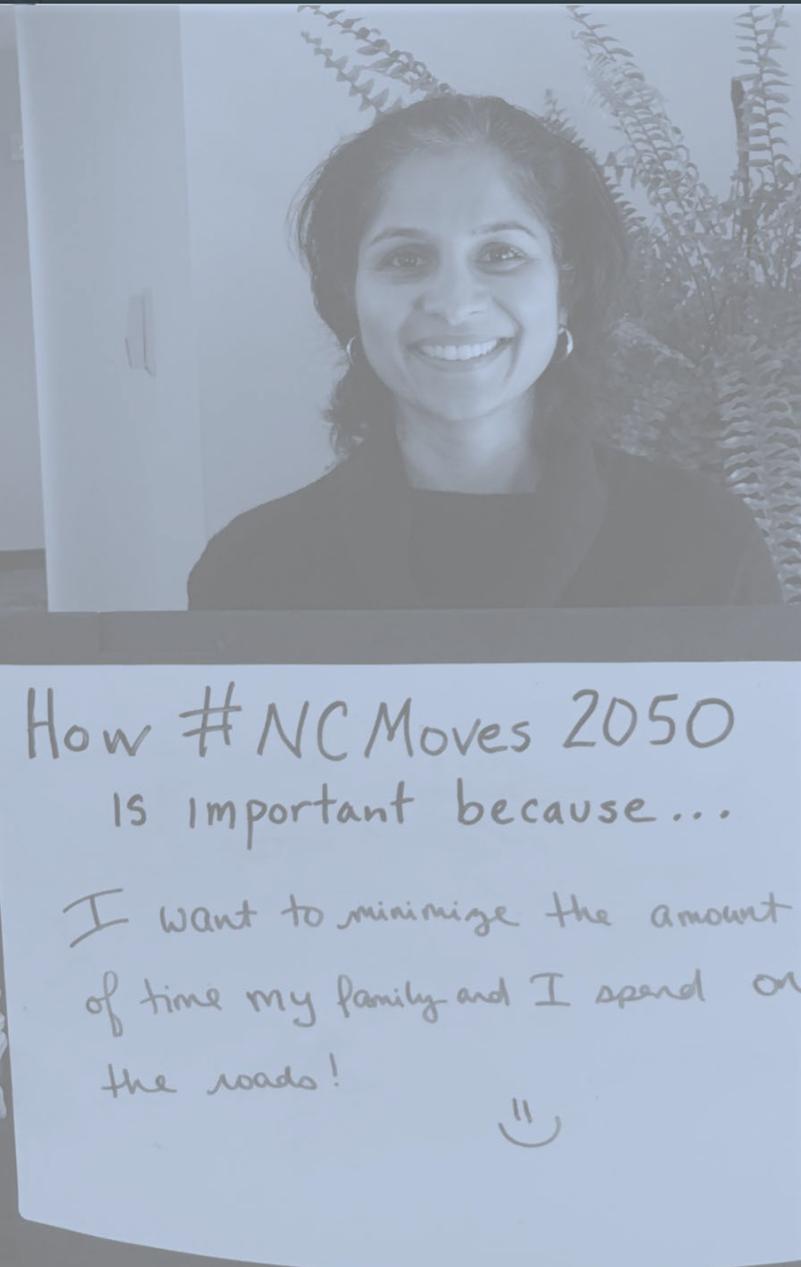
Electronic Survey

- Public Input
- MetroQuest



#NC2050Moves

- NCDOT Facebook and Twitter accounts



Low-Tech Engagement

Civic Dinners

- Millennials
- Spanish-speaking residents

Event Tabling

- Go to where people are gathering



Project Schedule





Website: [ncdot.gov/ncmoves](https://www.ncdot.gov/ncmoves)
Email: ncmoves@ncdot.gov



HIGHWAYS COMMITTEE MEETING MINUTES

DRAFT

DATE: 9/5/2018 TIME: 2:30 PM – 3:40 PM LOCATION: Room 150

MEETING CALLED BY	Chairman Tarleton
BOARD ATTENDEES	Chairman Cullie Tarleton, Vice-Chair John Pope, Landon Zimmer, Gus Tulloss, Grady Hunt, Michael Wells, Jack Debnam, and Samuel Bowles.

AGENDA TOPICS

1. APPROVAL OF AUGUST 2018 MINUTES	
DISCUSSION SUMMARY	Motion to approve the August minutes made by Member Pope, seconded by Member Debnam.
ACTIONS TAKEN	Motion to approve the August minutes as written passed unanimously.
2. NCDOT'S PROCEDURES FOR ROUTE NUMBERING, MR. KEVIN LACY, PE, NCDOT STATE TRAFFIC ENGINEER	
DISCUSSION SUMMARY	Mr. Kevin Lacy provided a presentation about NCDOT's procedures for route numbering that was a follow-up to the August Highway Committee meeting on naming, numbering and designating NCDOT facilities. The numbering of routes is important as it may make a difference in the prioritization of projects as Statewide, Regional, Division or Local Area. He discussed who has the authority over the various route types including interstate, US and NC routes and the process and timeline for each. NCDOT has full responsibility for numbering NC routes. NC routes must meet design criteria for pavement structure, operational standards, horizontal and vertical alignments and minimum length. AASHTO approves US route numbering and endorses Interstate route numbering. AASHTO is also responsible for eliminating, extending, relocating and recognizing US and Interstate routes. The AASHTO Committee meets twice per year to consider all requests; therefore, timing is critical. Additions to the Interstate system in NC includes an Administrative process and a Congressional process. The Administrative process applies to the route designation and meet criteria including the route being on the National Highway System, meeting the Logical Addition Criteria, and meeting the Interstate System Design criteria. The Congressional process applies to the Interstate addition as a High Priority Corridor.
ACTIONS TAKEN	N/A



HIGHWAYS COMMITTEE MEETING MINUTES

3. DIVISION 10 CONSTRUCTION PROJECTS UPDATE, MR. SCOTT COLE, DIVISION 10 ENGINEER

<p>DISCUSSION SUMMARY</p>	<p>Mr. Scott Cole, Division 10 Engineer, provided an update on the status of three major highway construction projects located in Division 10.</p> <ul style="list-style-type: none"> - The construction of the design-build I-85 project located in Cabarrus County began in the Spring of 2015 at an estimated cost of \$297 million. The scope of the project includes widening I-85 to eight lanes between NC 73 (Exit 55) to north of Moose Road (Exit 63+). The project also includes improvements rebuilding three interchanges, improving Winecoff School Road and Kannapolis Highway. I-85 will be in its final traffic pattern in December 2018 with an overall project completion of December 2020. - Construction of the 26-mile I-77 project began in November 2015 at an estimated cost of \$647 million. The scope of the I-77 project includes constructing four express lanes from uptown Charlotte (Exit 11) to Cornelius (Exit 28) and two express lanes from Cornelius (Exit 28) to Mooresville (Exit 36) along with four direct connectors at Hambright Road, I-85, Lakeview Road, and I-277. The project is scheduled to be substantially complete late 2018, with the express lanes opening to traffic in December. The direct connects will open Summer 2019. The developer will hold public hearing on the initial toll rate schedule. This project is the Department's first P3 project. - The US 74 Bypass (Monroe Bypass) project is scheduled for substantial completion late 2018. Construction began on the design-build, 20-mile tolled expressway in May 2015. The estimated cost of the project is \$800 million. The scope of work included 8 interchanges, 21 box culverts, and 37 bridges. Tolls on the project will be collected through an all-electronic, open-road tolling system.
<p>ACTIONS TAKEN</p>	<p>N/A</p>



HIGHWAYS COMMITTEE MEETING MINUTES

4. GOVERNOR’S HIGHWAY SAFETY PROGRAM, MR. MARK EZZELL, DIRECTOR, GOVERNOR’S HIGHWAY SAFETY PROGRAM

<p>DISCUSSION SUMMARY</p>	<p>Mr. Mark Ezzell, Director of the Governor’s Highway Safety Program, discussed the mission and the purpose of the Governor’s Highway Safety Program. He also provided an overview of the grants and initiatives that the Program supports. They strive to change driver behavior in a positive way. They’re probably best known for their “Booze It and Lose It” and “Click It or Ticket” campaigns. Other initiatives funded by GHSP include the “Bike Safe North Carolina” program, managed by the NC State Highway Patrol, and “Watch For Me – NC” program, managed by the NCDOT Bicycle and Pedestrian Division. The Governor’s Highway Safety program also supports other safety programs through grants. Grants issued this past year total \$18M and supported local law enforcement, hospitals, crime labs, law enforcement training and other local and state agencies. The grant funding comes from the National Highway Traffic Safety Administration. New grants will be issued beginning October 1st, as the program follows the federal fiscal year.</p>
<p>ACTIONS TAKEN</p>	<p>N/A</p>



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION NOVEMBER 7, 2018

TIME: 2:10 PM – 3:10 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of September 5, 2018 Meeting Minutes	Cullie Tarleton, Chair	2:10 pm
NCDOT's P6.0	David Wasserman, P. E., NCDOT Strategic Prioritization Office of Transportation (SPOT) and STIP Western Region Manager and Jason Schronce, P. E., Strategic Prioritization Office, Senior Transportation Engineer	2:15 pm
NCDOT's Storm Recovery – Florence and Michael Storm Events	Emily McGraw, P.E., NCDOT State Maintenance Engineer	2:45 pm
Other Discussion	Cullie Tarleton, Chair	3:05 pm
Adjourn	All	3:10 pm



NORTH CAROLINA

Department of Transportation



Weathering the Storms: Hurricane Florence and Michael Updates

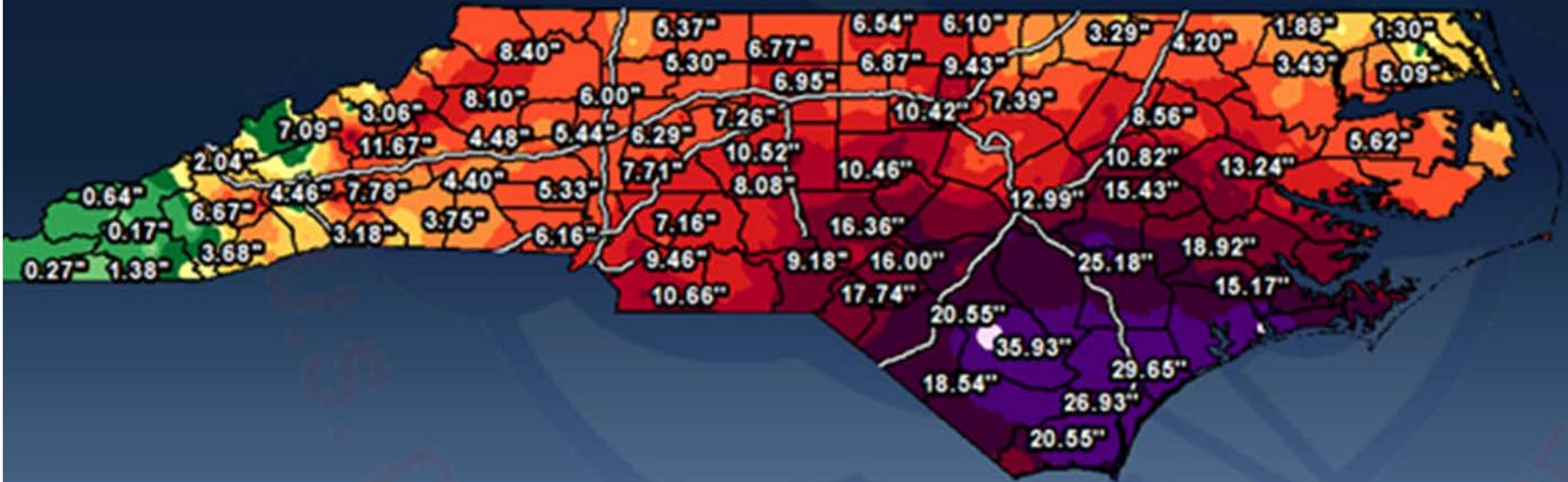
NCDOT Highway Committee

Emily McGraw, PE

November 7, 2018

National Weather Service Raleigh, North Carolina Preliminary Hurricane Florence Rainfall Totals

Data Source: Regional Observations(PNS)



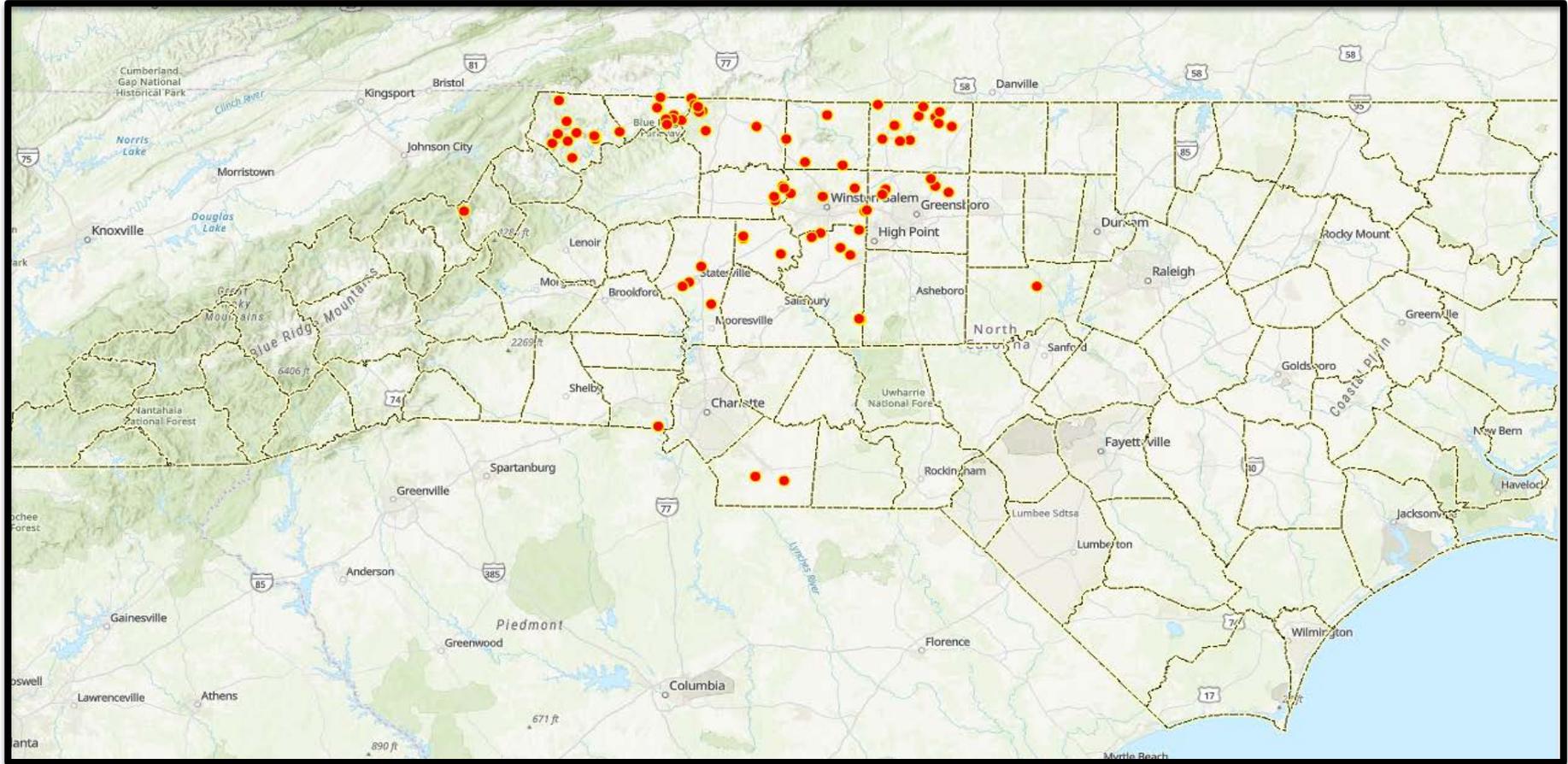
This is an experimental product. Care should be taken in using the data. Unofficial observations are plotted. Values at interpolated locations may not represent actual precipitation totals at that location.

Response and Recovery – Florence Damaged Sites

- 2,642 Identified FEMA Route Sites
- 853 Identified FHWA Route Sites



Response and Recovery – Michael Damaged Sites



Response and Recovery – Michael Damaged Sites

- 57 Identified FEMA Route Sites
- 22 Identified FHWA Route Sites
- ~ 5,600 CY of Vegetative Debris To Date



Financial Recovery



- Provides reimbursement for damages to Federal Aid routes, typically US, NC, and Interstate routes.
- ~\$700,000 DOT Statewide Declaration Threshold for Emergency Reimbursement Eligibility
- \$5,000 Minimum project threshold
- Eligible Work:
 - Emergency Repairs (First 180 Days)
 - (100% reimbursement)
 - Permanent Repairs
 - (90% reimbursement on Interstates)
 - (80% reimbursement on other Federal Aid routes)

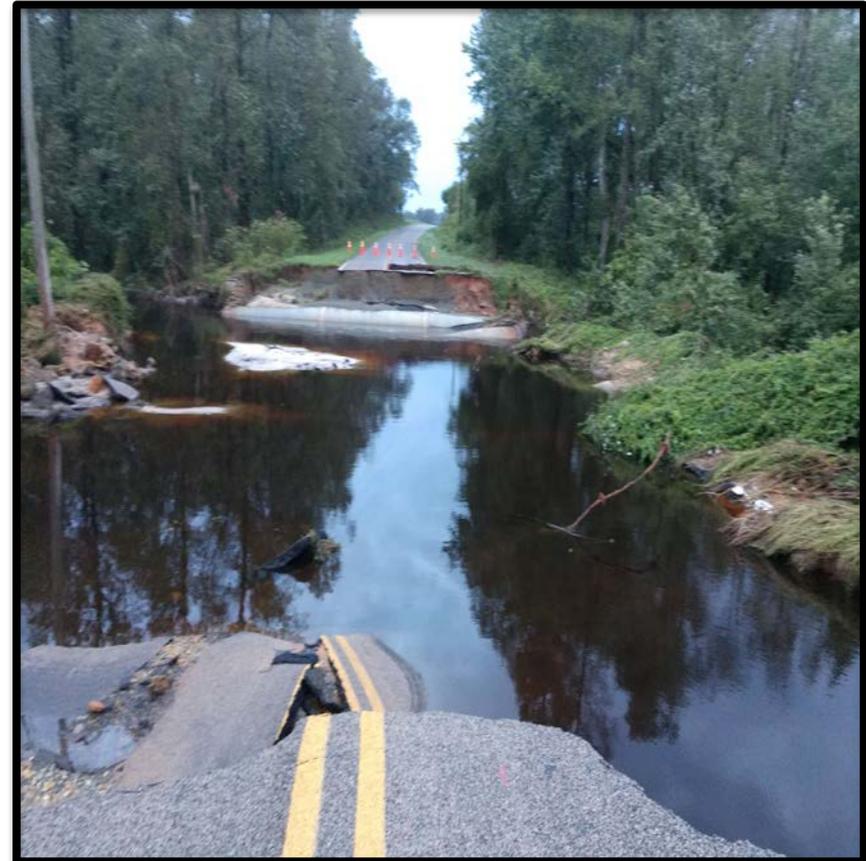


Financial Recovery



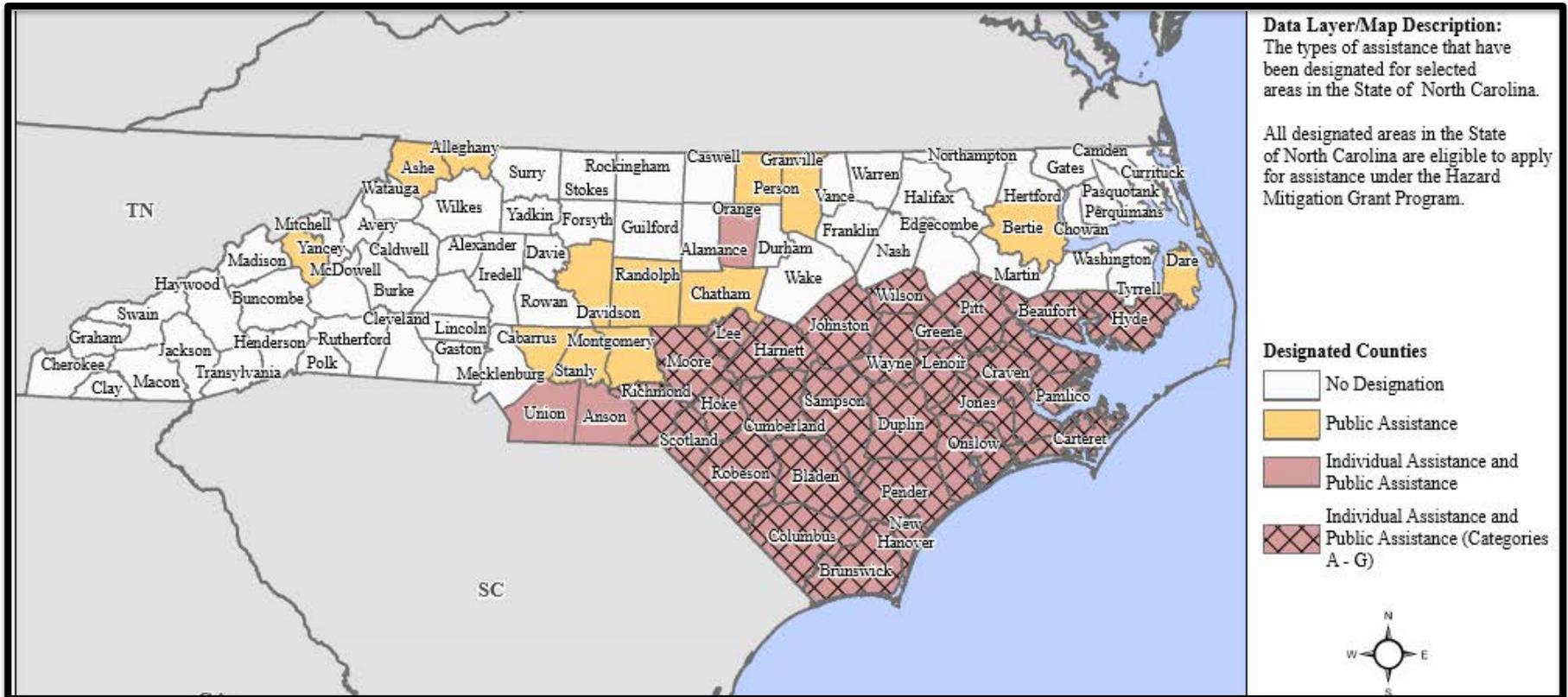
FEMA

- Provides reimbursement for damages to state maintained secondary routes.
- ~ \$13M Statewide Declaration Threshold for Reimbursement Eligibility
- \$3,100 Minimum project threshold
- Eligible Work:
 - Cat A – Debris Removal
 - (~80% reimbursement)
 - Cat B – Emergency Protective Measures
 - (75% reimbursement)
 - Cat C – Roads/Bridges
 - (75% reimbursement)
 - Cat E – Buildings/Equipment
 - (75% reimbursement)



Financial Recovery – Hurricane Florence

FEMA Declared Counties



Financial Recovery – Hurricane Florence

Agency	Preliminary Cost Estimates	Cost to Date as of 10/25/18	Anticipated Reimbursement	Anticipated Cost to DOT
FEMA	\$188,000,000.00	\$36,507,138.37	\$126,900,000.00	\$61,100,000.00
FHWA	\$72,000,000.00	\$5,304,493.50	\$51,840,000.00	\$20,160,000.00
Total	\$260,000,000.00	\$41,811,631.87	\$178,740,000.00	\$81,260,000.00

Financial Recovery – Hurricane Michael

Agency	Preliminary Cost Estimates	Cost to Date as of 10/25/18	Anticipated Reimbursement	Anticipated Cost to DOT
FEMA	\$5,001,000.00	\$2,746,608.29	\$0.00	\$5,001,000.00
FHWA	\$2,483,000.00	\$52,428.48	\$1,787,760.00	\$695,240.00
Total	\$7,484,000.00	\$2,799,036.77	\$1,787,760.00	\$5,696,240.00

Response and Recovery – Non-Declared Emergencies



Rain Event, Pine Hall Rd, Forsyth County



Rain Event, NC-251, Buncombe County



TS Alberto, Pilot Rd SR 1515, Avery County

Financial Recovery – Non-Declared Emergencies

	Non-Declared Emergency Expenditures
2014	\$10,405,258.42
2015	\$4,776,029.97
2016	\$11,028,357.94
2017	\$11,023,773.50
2018	\$15,688,190.39
5 Year Total	\$52,921,610.22

- 2015: Hurricane Joaquin, Statewide, ~\$4.2 M
- 2016: Tropical Storm Hermine, Div. 1, ~ \$400,000
- 2016: Tropical Storm Julia, Div. 1, ~\$1.8 M
- 2016: Western Wildfires, ~\$121,000
- 2016: Pipe Failure, Yadkin Co., ~\$1.3 M
- 2016: Sink Hole, Catawba Co., ~\$5 M
- 2017: Hurricane Irma, ~\$2.1 M
- 2017: Slope Failure, Forsyth Co., ~\$1 M
- 2017: Rock Slide, Graham Co., ~\$1.5 M
- 2017: Pipe Failure, New Hanover Co., ~\$794,000
- 2018: Tropical Storm Alberto, ~\$18.3 M
- 2018: Erosion, Ferry Div., ~\$425,000
- 2018: Slope Failure, Columbus Co., ~\$275,000
- FY2017-FY2019: Sand Removal, NC-12, ~1 M Annually

Questions?





NORTH CAROLINA

Department of Transportation



Prioritization 6.0 Update / Topic Gathering

Jason Schronce, P.E.
SPOT Engineer

November 7, 2018

DRAFT Prioritization 6.0 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
- April 1, 2020: Regional Impact Local Input Point window opens for 4 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

P6.0 BOT Input

P6.0 Workgroup – first meeting held October 15th

- Meeting monthly through May 2019
- Use of technical subcommittees

Highway and Multimodal Committees (November)

- Input received will be brought to Workgroup

Full BOT Discussion (December)

P6.0 Updates

Approval of P6.0 Scoring (July 2019)

STI Law vs NCDOT Approvals

STI Law Defines:

- *Funding categories and amounts (40/30/30)*
- *Project eligibility*
- *Highway scoring criteria*
- *Funding constraints*

DOT Approvals (Recommended by Workgroup)

- Scoring process (timeframe, submittals)
- Highway criteria measures and weights
- Non-Highway criteria, measures and weights
- Normalization (funding allocation between modes)
- Local input points



P5.0 Highway Scoring

P5.0 Highway Criteria & Weights (Default)

Funding Category	<u>QUANTITATIVE</u>		<u>LOCAL INPUT</u>	
	Data		Division	MPO/RPO
Statewide Mobility	Congestion = 30% Benefit-Cost = 25% Freight = 25% Safety = 10% Economic Comp. = 10%	100%	--	--
Regional Impact	Congestion = 20% Benefit-Cost = 20% Safety = 10% Accessibility/Connectivity = 10% Freight = 10%	70%	15%	15%
Division Needs	Congestion = 15% Benefit-Cost = 15% Safety = 10% Accessibility/Connectivity = 5% Freight = 5%	50%	25%	25%

Note: Region A and Divisions 1, 5, 6, 7, 8, 11, 13, and 14 use Area-Specific Criteria Weights

P5.0 Area-Specific Criteria Weights

Location	Weight Reductions	Weight Additions
Region A	-5% Congestion	+5% Freight
Division 1	-5% Freight -10% Benefit/Cost -10% Congestion	+10% Safety +15% Access/Conn
Division 5	-5% Freight -5% Access/Conn	+5% Benefit/Cost +5% Safety
Divisions 6, 7, 8, 11	-5% Freight	+5% Safety
Division 13	-5% Access/Conn	+5% Safety
Division 14	-5% Freight -5% Access/Conn	+10% Pavement Cond

Highway Scoring – Criteria w/ P5.0 Measures

<u>Criteria</u>	<u>Measure(s)</u>	<u>Existing Conditions</u>	<u>Project Benefits (Future Conditions)</u>
Congestion	Volume/Capacity + Volume		
Benefit / Cost	((Travel Time Savings \$ + Safety Benefits \$) / Cost to NCDOT) + Funding Leverage		
Safety Score	Critical Crash Rate + Density + Severity + Safety Benefits		
Economic Competitiveness	Percent Change in Jobs + Percent Change in County Economy		
Accessibility / Connectivity	County Economic Indicator + Improve Mobility		
Freight	Truck Volume + Truck Percentage + Future Interstate Completion		
Multimodal	Multimodal Benefits		
Lane Width	Existing Width vs. Standard Width		
Shoulder Width	Existing Width vs. Standard Width		
Pavement Score	Pavement Condition Rating		



P6.0 Topic Gathering

Survey – What is Working Well (Hwy)?

- Workgroup process
- Communication / coordination (NCDOT to MPO / RPO)
- Trust in the data by elected officials
- Safety projects scoring competitively
- Congestion Scoring & Data
- Benefit / Cost Scoring
- Freight Scoring & Data
- Improvements to the Statewide Travel Demand Model

Survey / Voting – Process Improvements

- Linking Local Input Points to project cost
- Number of project submittals
- Division Engineer LIP Methodology

Survey / Voting – Hwy Improvements

- Resiliency factor (system redundancy)
- PeakADT
- Economic Competitiveness measures
- Safety benefit calculations (urban / rural definition)
- Travel Times Savings at Division Needs category
- Linking STI criteria to national performance targets
- Future Interstate Completion Factor (desired results?)
- Changing transportation technologies

BOT Highway Improvements

- Questions and Suggestions?

Contact Information

STRATEGIC TRANSPORTATION INVESTMENTS

Smart decisions to keep North Carolina moving.

David Wasserman, P.E.
Prioritization Office (SPOT)
/ STIP Western Region
Manager
(919) 707-4743
dswasserman@ncdot.gov

Sarah E. Lee
Prioritization Office
(SPOT)
(919) 707-4742
selee@ncdot.gov

Jason Schronce, P.E.
Prioritization Office
(SPOT)
(919) 707-4646
jschronce@ncdot.gov

Austin Chamberlain
Prioritization Office (SPOT)
(919) 707-4650
sachamberlain@ncdot.gov

<https://www.ncdot.gov/sti>
spot@ncdot.gov (David, Sarah, Jason, Austin)



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

DATE: 09-05-2018 TIME: 3:01 PM LOCATION: EIC Room

MEETING CALLED BY	Chairman Andrew Perkins
BOARD ATTENDEES	Valerie Jordan, Thomas Taft, Jr., Nina Szlosberg-Landis, Billy Clarke, Hugh Overholt, Tony Lathrop

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF SEPTEMBER 5, 2018 MINUTES – CHAIRMAN PERKINS	
DISCUSSION SUMMARY	Chairman Perkins called the Committee to order and asked for a motion to approve the minutes as distributed.
ACTIONS TAKEN	A motion to approve August 1, 2018 minutes as distributed was made by Mr. Tony Lathrop and seconded by Mr. Hugh Overholt. The Committee approved unanimously.

2. FUNDING ITEMS (PTD, RAIL, AVIATION)	
DISCUSSION SUMMARY	Information was presented by Multi-Modal Directors for the Committee's Approval
ACTIONS TAKEN	<ul style="list-style-type: none"> • Motion to approve Public Transportation funding items t made by Mr. Billy Clarke and seconded by Mr. Tony Lathrop. • Motion to approve Rail funding items made by Mr. Billy Clarke and seconded by Mr. Hugh Overholt. • Motion to approve Aviation funding items made by Mr. Billy Clarke and seconded by Mr. Tony Lathrop. <p>The Committee approved unanimously.</p>



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

3. MULTI-MODAL UPDATE TWO NEW INITIATIVES TO ENGAGE EMPLOYEES AND COMMUNITIES: CATHERINE PEELE AND STEPHANIE SUDANO	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> • Innovation Challenge – to engage employees to solicit innovative ideas for improving multimodal operations, procedures, project delivery, projects, etc. • Mobi Awards – The “Mobi” is a new award that supports NCDOT’s continuing efforts to bring multimodal transportation solutions to all parts of our State. Multimodal investments in bicycle and pedestrian paths, sidewalks, rail, transit, ferry and aviation are important parts of healthy vibrant communities of all sizes in rural, urban, tourism and suburban areas.
ACTIONS TAKEN	N/A

4. MULTI-MODAL QUARTERLY UPDATE BY EACH MODE	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> • Ferry Division Accomplishments and Initiatives – Terminal Improvements for Hatteras and Ocracoke, Passenger Ferry Floating Docks, Ferry Rodanthe New Construction and Ocracoke Express Passenger Ferry. To fill vacant positions and develop long range asset management plan, finalize implementation of new Passenger Ferry Service, Installing Digital Monitors, Evaluating implementation of NC Pass for toll routes, Lean Six Sigma Inventory Process Evaluation and Assign team to expanding revenue generation. • Public Transportation Division – Using Technology to Improve Service, DocuSign -Electronic signature technology and digital transaction management services. Strategic Plan Implementation to improve NC quality of life by building healthy communities, supporting job creation and economic development and providing equal opportunities. • Rail Division Update – Piedmont Improvement Program Wins SASHTO 2018 “America’s Transportation Award” for Operational Excellence, New Piedmont Frequency, Raleigh Union Station and Charlotte Gateway Station Phase I, CCX Intermodal Facility, Shortline Infrastructure Assistance Program, Blue Ridge Road Grade Separation and Train/Vehicle Crash Simulation in Star. Positive Train Control hardware installation on Piedmont equipment will be complete Fall 2018. Railroads are PTC ready. Southeast Corridor –Raleigh to Richmond Service, Updating the North Carolina Statewide Rail Plan for adoption early 2020, Safety Initiatives, Capital Yard South Lead Track –will be complete September. • Bike & Ped Accomplishments and Initiatives – Complete Streets Policy Implementation, Distribution of Youth Helmets, Bike to School Events, Research Projects Published, and awarded projects. Fill vacant positions (3 FT), complete division strategic plan, update complete streets policy & implementation, launch



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

	<p>TAP project delivery process improvement, update SPOT 6.0 evaluation criteria, Pilot 'micro' planning grants, launch division annual report.</p> <ul style="list-style-type: none"> • Aviation Division Update - N.C. Airport Development, Administered year one of two-year/ \$115 million commercial service airports grant program, USDOT chose NCDOT as one of 10 selectees for drone integration pilot program –focus is medical and package delivery in rural and urban areas, NCDOT Hosted inaugural drone summit, 350-plus attendees, nationally recognized speakers. We have launched Airport Leadership and Management curriculum with 60 airport managers/staff. Moving forward Aviation will be releasing report: 2018 North Carolina: The State of Aviation. Launch a division long-range (five-year) visioning and strategic plans. Implementing NCDOT-wide drone integration program. Launch a new Airport Economic Development Grant Program. Hire Manager of Aviation Business Development to expand the state's aviation economy. Update study on economic impact of N.C. Airports.
ACTIONS TAKEN	N/A

5. LIME PRESENTATION – CJ SHAW, NORTH CAROLINA GENERAL MANAGER, LIME, INC.	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> • CJ Shaw, Lime, North Carolina General Manager gave a presentation "Helping Communities With Smart Mobility" with Subsidy-Free, multimodal transportation. Mr. Shaw briefly shared how Lime is changing the way cities move. Lime is revolutionizing urban mobility, supports local economies, reduces pollution, reduces congestion and free to cities. What sets Lime a part, there is no funding required, affordable for low to moderate income riders, easy to access, pay and ride. Lime-S (electric scooters), smaller and more agile than a bike, convenient and require minimal parking. Their maximum range is 37 miles, a maximum speed of 14.8 MPH, and are conveniently cheap \$1.00 to unlock and \$0.15/minute to ride. Lime puts safety first to follow local regulations. They use data to make urban mobility smarter.
ACTIONS TAKEN	N/A

ADJOURNED: 4:05 PM



MULTI-MODAL TRANSPORTATION COMMITTEE AGENDA

BOARD OF TRANSPORTATION NOVEMBER 7, 2018

TIME: 2:10 PM

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of September 4, 2018 Meeting Minutes	Chairman Perkins	2:10
Funding Items (Public Transportation)	Multi-Modal Directors	2:15
Multi-Modal Transportation Update	Julie White, Deputy Secretary	2:20
Bicycle and Pedestrian Strategic Plan	Hanna Cockburn, Director of Bicycle & Pedestrian Division	2:25
Prioritization 6.0 Update and Topic Gathering	David Wasserman, PE STIP Western Region	2:45
Adjourn	Chairman Perkins	3:10

NCDOT Bicycle and Pedestrian Strategic Plan

Presented by

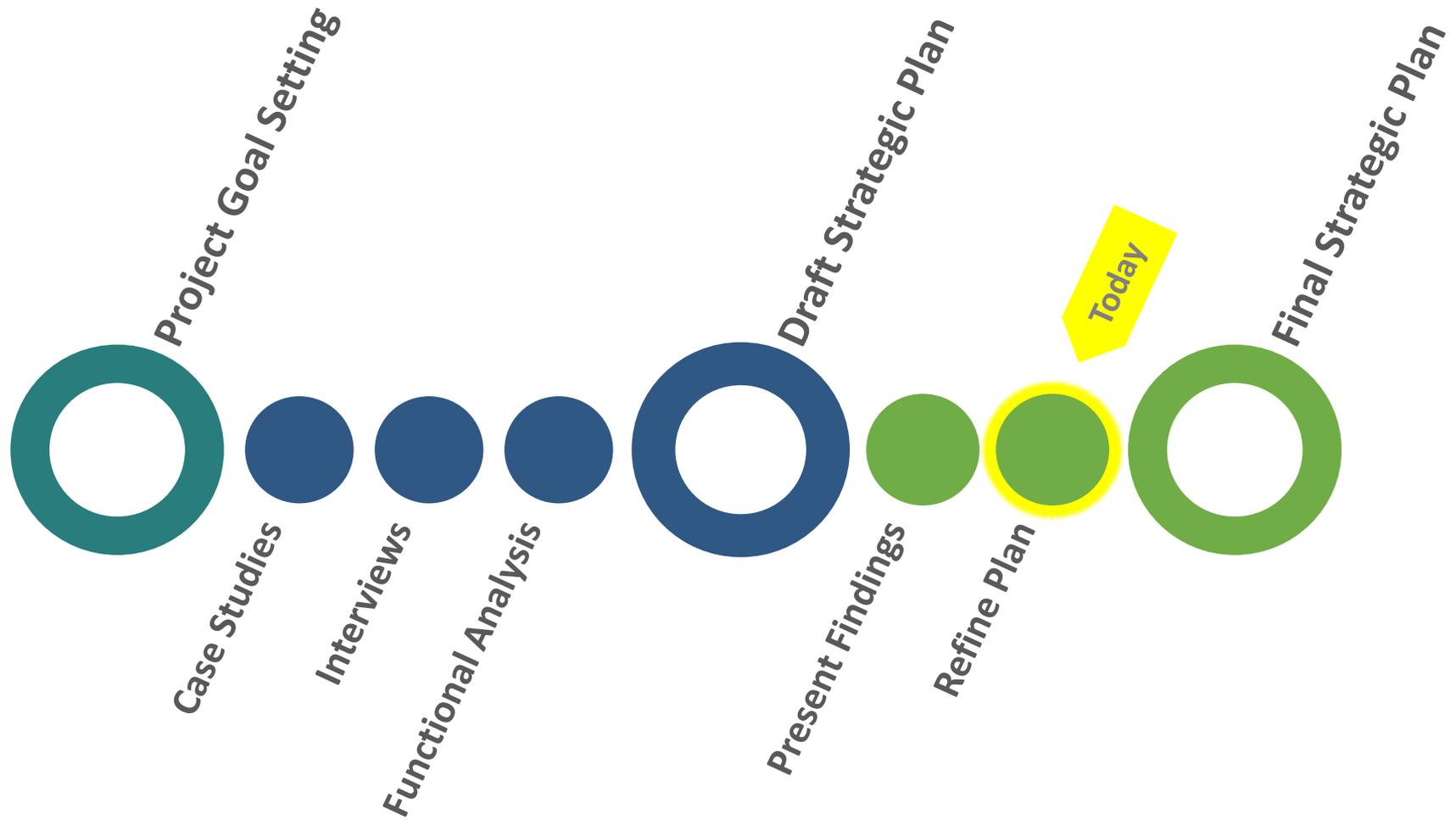
Hanna Cockburn, Division Director

Lauren Blackburn, VHB

Iona Thomas, McAdams

December 5, 2018

Developing the Strategic Plan



Who We Talked To

Mike Kozlosky (WAMPO)

Randi Gates (GLCMPO)

Rose Bauguess (SWCOG)

Dana Stoogenke (RR RPO)

Charlotte DOT (various)

Daniel Amstutz (Greensboro)

Lucy Crown (Asheville)

John Marshall (Hickory)

Jack Meadows (Siler City)

Marta Matthews + Sheila Gibbs (LPMO)

Technical Services (various)

James Upchurch (TPD)

Kevin Lacy (Mobility & Safety)

Debbie Collins (PTD)

Neil Perry (Rail)

**Brad Hibbs + Tammy Richards (FHWA
NC Division Office)**

Ed Johnson (DBPT)

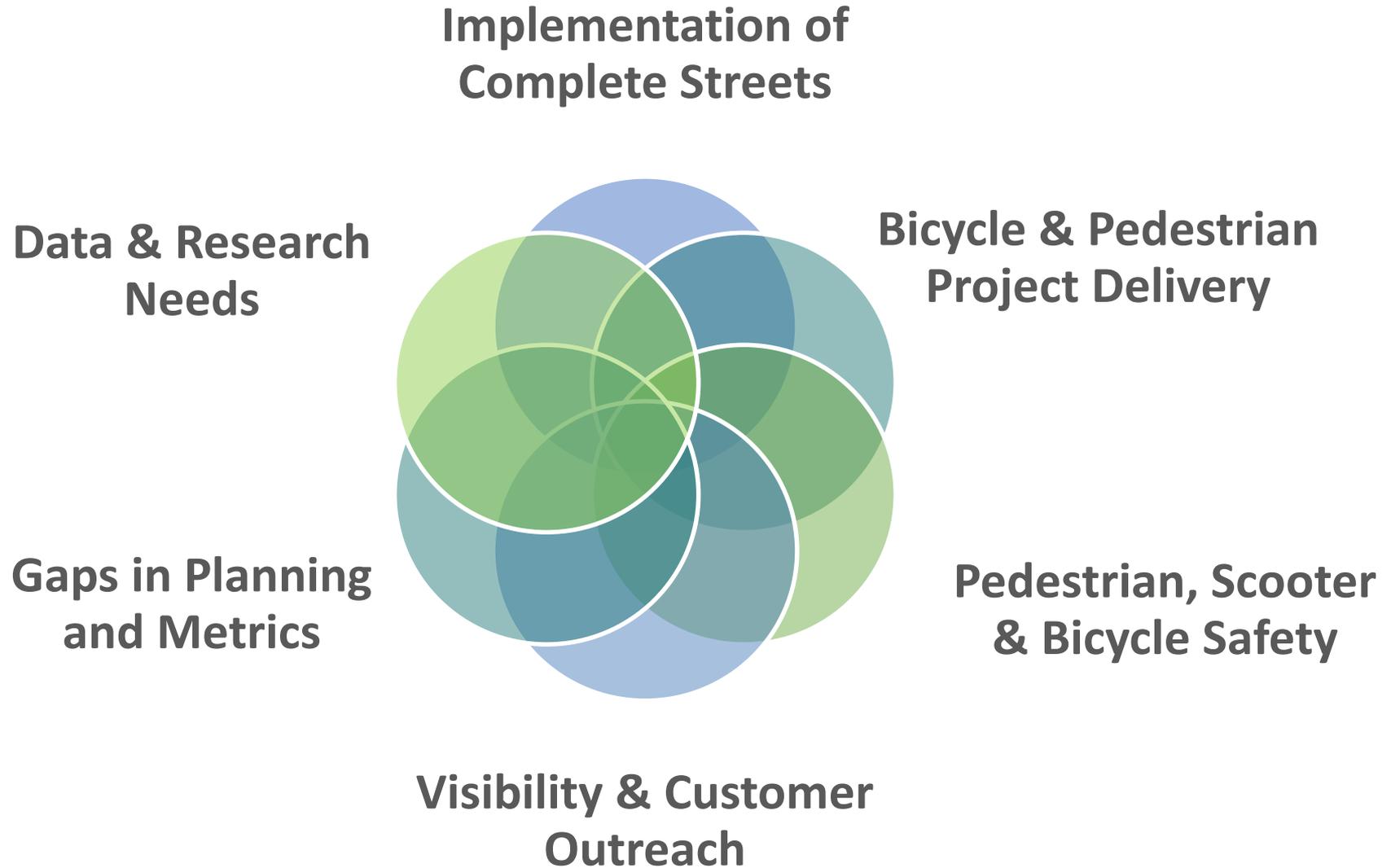
John Vine-Hodge (DBPT)

Bryan Lopez (DBPT)

Dean Ledbetter (Division 12)

Programming and SPOT office staff

Key Issues and Themes



Complete Streets

Issues	MPO / RPO	Local Gov	NCDOT	FHWA
SPOT Doesn't Incentivize Complete Streets	●	●	●	
Sidewalk Cost Share Policy	●	●		●
Confusing Complete Streets Policies	●	●	●	
Lack of Complete Streets Training	●		●	
NCDOT Doesn't Maintain Sidewalks on NCDOT Roads	●	●		
Out of Date Cross Sections need more B/P Options		●	●	
Lack of B/P Technical Expertise in Project Development	●	●	●	
Lack of Coordination Between B/P & Maintenance Projects	●	●		

- Current policies (i.e. cost share and maintenance) are barriers to Complete Streets
- Design guidance is dated and limited in scope and scale
- There is no primary point of contact for design technical assistance (internal or external)

Project Delivery

Issues	MPO / RPO	Local Gov	NCDOT	FHWA
Poor B/P Project Scope & Cost Estimates	●	●	●	●
Lacking Locally Administered Project (LAP) training	●	●	●	●
B/P Construction Standards / Design Guidance Hard to Find	●	●	●	
Insufficient Capacity in Local Programs/Divisions for LAP	●	●		●
No dedicated B/P support in Division of Highways	●		●	●
STI Prohibition for B/P State match	●	●	●	
SPOT Needs Improved BP Project Criteria	●		●	
Need Flexibility for Delivering LAP	●	●		
Unclear BP Funding Options	●		●	
Underutilized Transportation Alternatives Program (TAP) \$		●	●	●
Need for Feasibility Studies	●	●	●	
BP LAP not initiated by Local Programs/Divisions	●			●

- Independent bicycle and pedestrian (BP) projects are chronically under-scoped
- STI prohibition to state match for BP projects is major barrier, especially in rural areas
- Smaller towns often lack local staff resources and training to successfully administer local BP projects

Safety, Data & Research

Issues	MPO / RPO	Local Gov	NCDOT	FHWA
Need Risk-Based Analysis Tool for BP Safety Projects			●	
Continue Successful Safety Programs		●	●	
Consider Access to Transit Safety Studies	●	●	●	
Conduct Outreach about HSIP-Safety Projects			●	
Investigate FHWA Requirements for Reporting B/P Data	●			
Need expanded NCDOT Data Collection (B/P Volume) Efforts	●			
Complete Pedestrian Bicycle Infrastructure Network (PBIN)			●	
Research Impacts of Autonomous Vehicles on BP	●		●	
Evaluate Requirements for Capitalizing Local Bonds	●			
Need BP Data Maintenance Plan			●	

- NCDOT process for selecting and funding B/P safety improvements is not known by local agencies
- Need more studies and research on safe access to transit
- Need long-term plan for B/P data collection, maintenance, and application (counts, GIS inventory, crash analysis)

Planning

Issues	MPO / RPO	Local Gov	NCDOT	FHWA
Support DBPT Planning Grant Program	●	●		
Expand County BP Plan Options	●			
Create a Statewide Network Plan for BP			●	
Need BP Facility Selection Tools		●	●	
Little to No Technical Capacity for BP in Transportation Planning Division			●	
Need option for Project-Focused Muni BP Plans		●		
Decrease DBPT Review Time for Muni/Regional Plans		●		
Multiple Trail Stakeholders (Dept. of Cultural and Natural Resources, NCDOT)			●	

- NCDOT B/P Planning Grant program most well-known program
- Need more B/P data and technical integration into development of Comprehensive Transportation Plans (CTPs)
- Gaps in local and regional bicycle and pedestrian plans creates uncertainty for NCDOT role in building networks

Visibility of Division

Issues	MPO / RPO	Local Gov	NCDOT	FHWA
Complex technical information about economic return on investment and health		●	●	
Lack of awareness about DBPT Functions and Benefits of BP	●		●	
Lacking Customer Service and Responsiveness	●	●		
Develop Placemaking Demonstration Projects			●	
Unclear Purpose of NC Bike Routes		●		
Improve NCDOT Customer Survey - BP Metrics				
Few Legislative Champions			●	
Greater Coordination Between State Agencies & NCDOT	●	●	●	

- Recent legislative attention on planning grant program, safety, and funding for B/P transportation
- General lack in understanding functions of Bicycle and Pedestrian Division
- Minimal staff in Bicycle and Pedestrian Division causes delay in oversight of BP projects and local plan review

A photograph of a paved road curving through a forest. The road is asphalt and has a crack down the center. On the left side of the road, there is a wooden post and a green circular marker. On the right side, there are two signs: a yellow diamond-shaped warning sign and a rectangular sign with text. The background is a dense forest of tall, thin trees.

Strategic Framework

Mission

Our purpose

Values

What is important to us

Objective

Specific Result

Strategy

Plan to achieve specific result

Actions

Sequence of steps for a strategy to succeed.

Champions

Metrics

Timelines



MISSION

Make walking and bicycling a safe and desirable trip choice throughout North Carolina

VALUES

Consistent and clear application of policy across NCDOT
Full integration of bicycle and pedestrian planning and design throughout NCDOT
Transparent decision-making and project oversight

Emphasis on safety for all roadway users
Equitable investment across NCDOT system and modes of travel
Leadership in responding to changing technology and personal mobility

1

2

3

Mission <i>Our purpose</i>
Values <i>What is important to us</i>
Objective <i>Specific Result</i>
Strategy <i>Plan to achieve specific result</i>
Actions <i>Sequence of steps for a strategy to succeed.</i> <small>Champions Metrics Timelines</small>

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OBJECTIVES

1
Thoroughly Integrate B+P across NCDOT

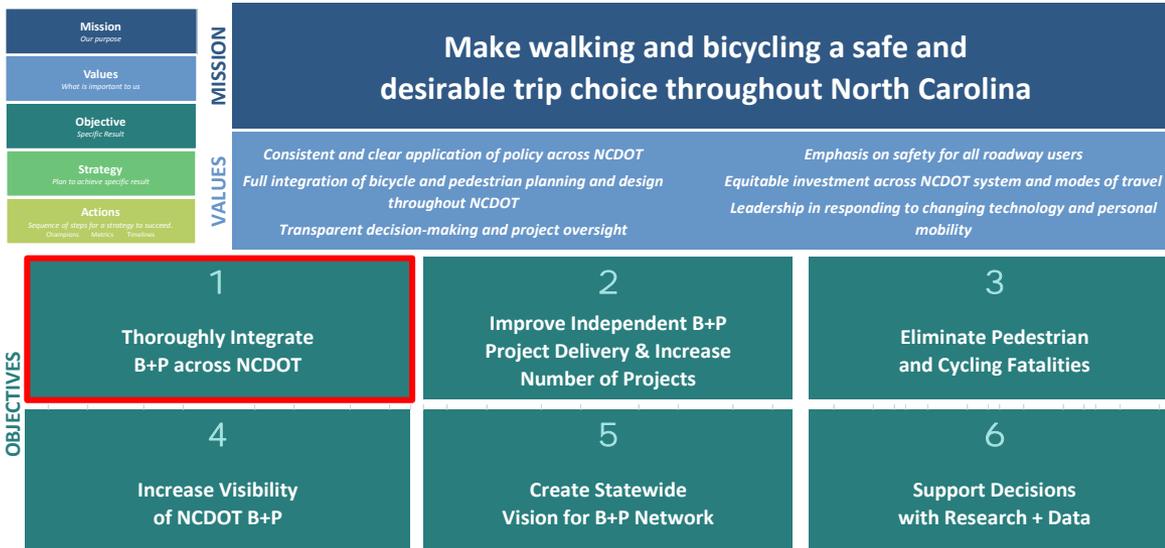
2
Improve Independent B+P Project Delivery & Increase Number of Projects

3
Eliminate Pedestrian and Cycling Fatalities

4
Increase Visibility of NCDOT B+P

5
Create Statewide Vision for B+P Network

6
Support Decisions with Research + Data



1

Thoroughly Integrate B+P across NCDOT

A

Implement Complete Streets

B

Improve Quality of Multimodal Projects + Programs throughout NCDOT

C

Clarify and Communicate NCDOT Policies Impacting B+P

D

Update Design Resources to Reflect NCDOT Commitment to Multimodal Transportation

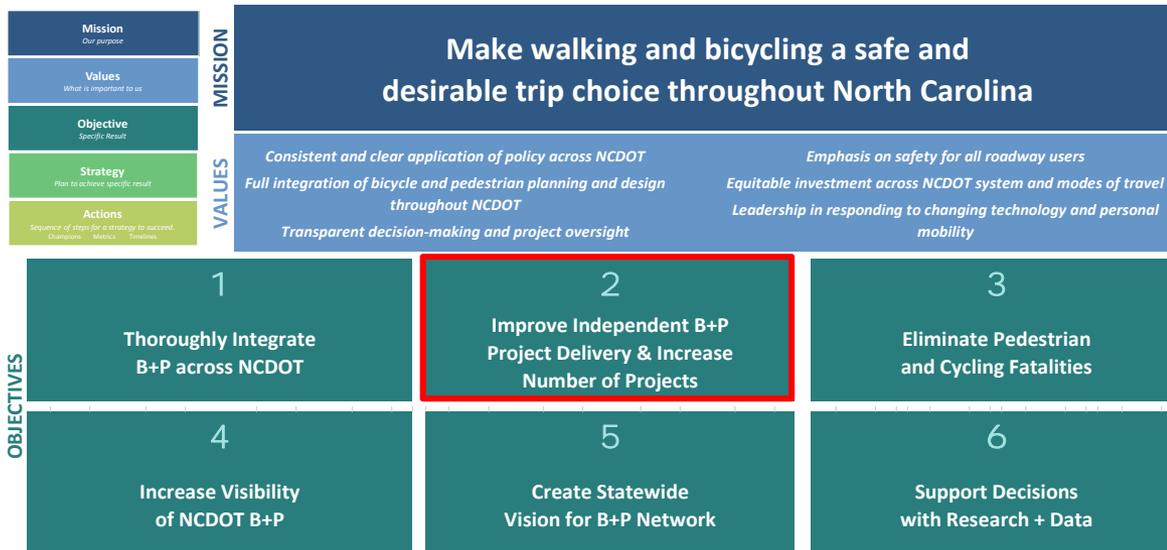
OBJECTIVE

STRATEGIES

BIG IDEA: Update / Synthesize NCDOT Policies & Guidelines

PEDESTRIANS	FHWA MUTCD (2009)	AASHTO Ped Guide (2004)	NACTO Street Design Guide (2013)	NCDOT Complete Streets Planning and Design Guidelines (2012)
<i>Linear Improvements</i>				
Sidewalks	x	✓	✓	✓
Pedestrian Scale Lighting	x	✓	x	✓
ADA Curb Ramps	✓	✓	x	✓
Shoulders for Pedestrian Travel ("Pedestrian Lane")	✓	✓	x	✓
Shared Use Paths	✓	✓	x	✓
Sidepaths	✓	✓	x	✓
<i>Un-controlled Crossings</i>				
Marked Crosswalks	✓	✓	✓	✓
Advanced Warning Signs	✓	✓	x	✓
Pedestrian Overpasses and Underpasses	x	✓	x	✓
In-street Pedestrian Crossing Sign	✓	✓	x	x

- Compare current NCDOT guidelines to national guidelines and best practices
- Organize and present relevant policies and guidelines in central online location



2

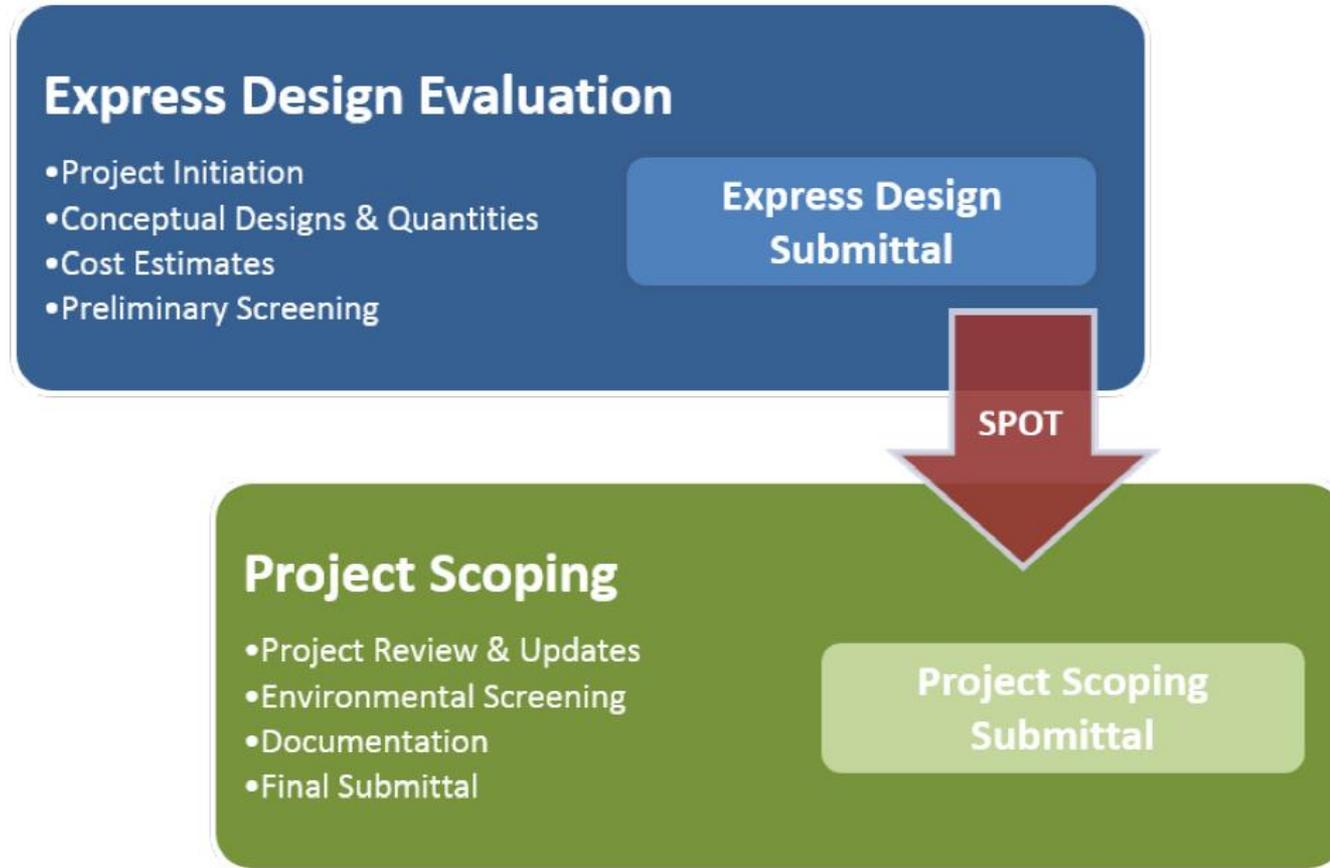
Improve Independent B+P Project Delivery & Increase Number of Projects

OBJECTIVE

STRATEGIES



BIG IDEA: Improve Feasibility & Scoping



- Mirror NCDOT express design process and retain consultants to create “mini-feasibility studies” for most BP projects, prior to SPOT or STIP
- Continue to refine tools for creating cost estimates and methods for more robust screening needs



3

Eliminate Pedestrian and Cycling Fatalities

A

Continue Safety Programs that are Showing Results

B

Add new Safety Programs and Projects

C

Advance Progress on NCDOT Vision Zero

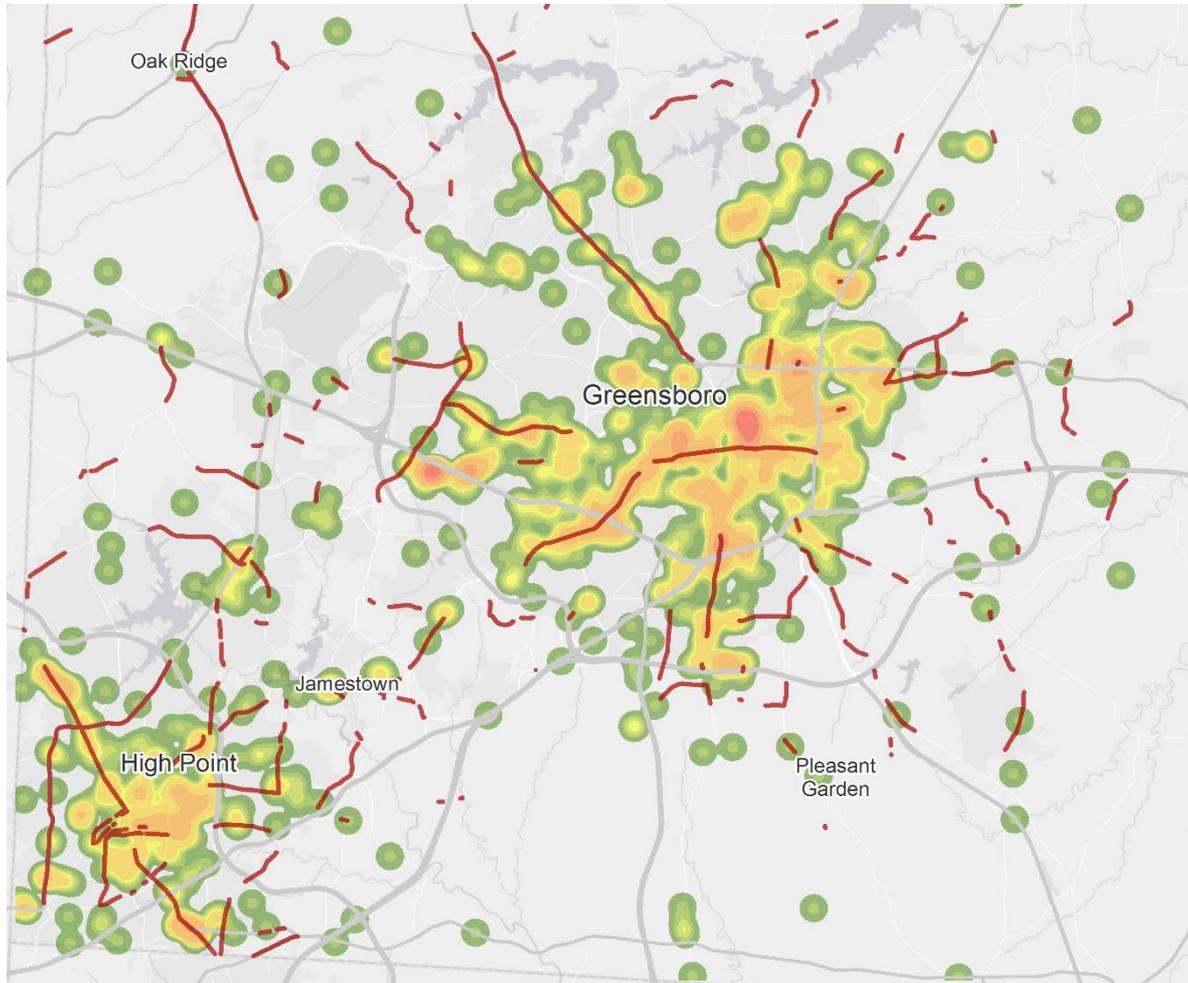
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Implement and Update B+P Emphasis Areas of SHSP

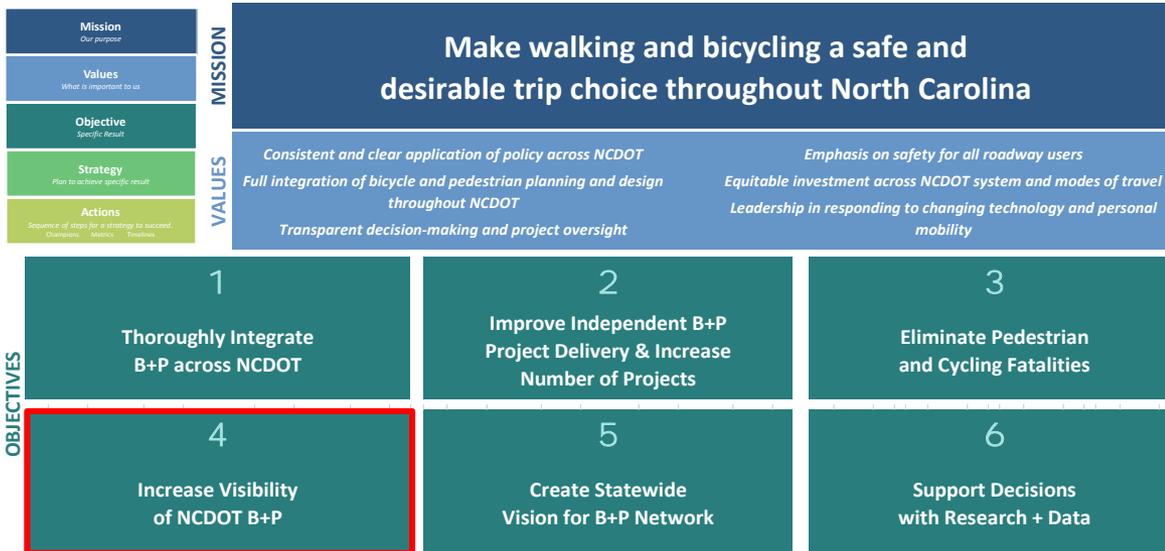
OBJECTIVE

STRATEGIES

BIG IDEA: Conduct Systemic Analysis to Improve Bicycle and Pedestrian Safety



- Maximize use of Highway Safety Improvement (HSIP) funding for bicycle and pedestrian projects
- Identify potential candidates for Road Safety Assessments (RSAs)
- Apply countermeasures systemwide



4

Increase Visibility of NCDOT B+P

A

Define and Communicate DBPT Roles + Responsibilities

B

Regularly Promote Benefits of B+P

C

Coordinate with other States and NC Agencies

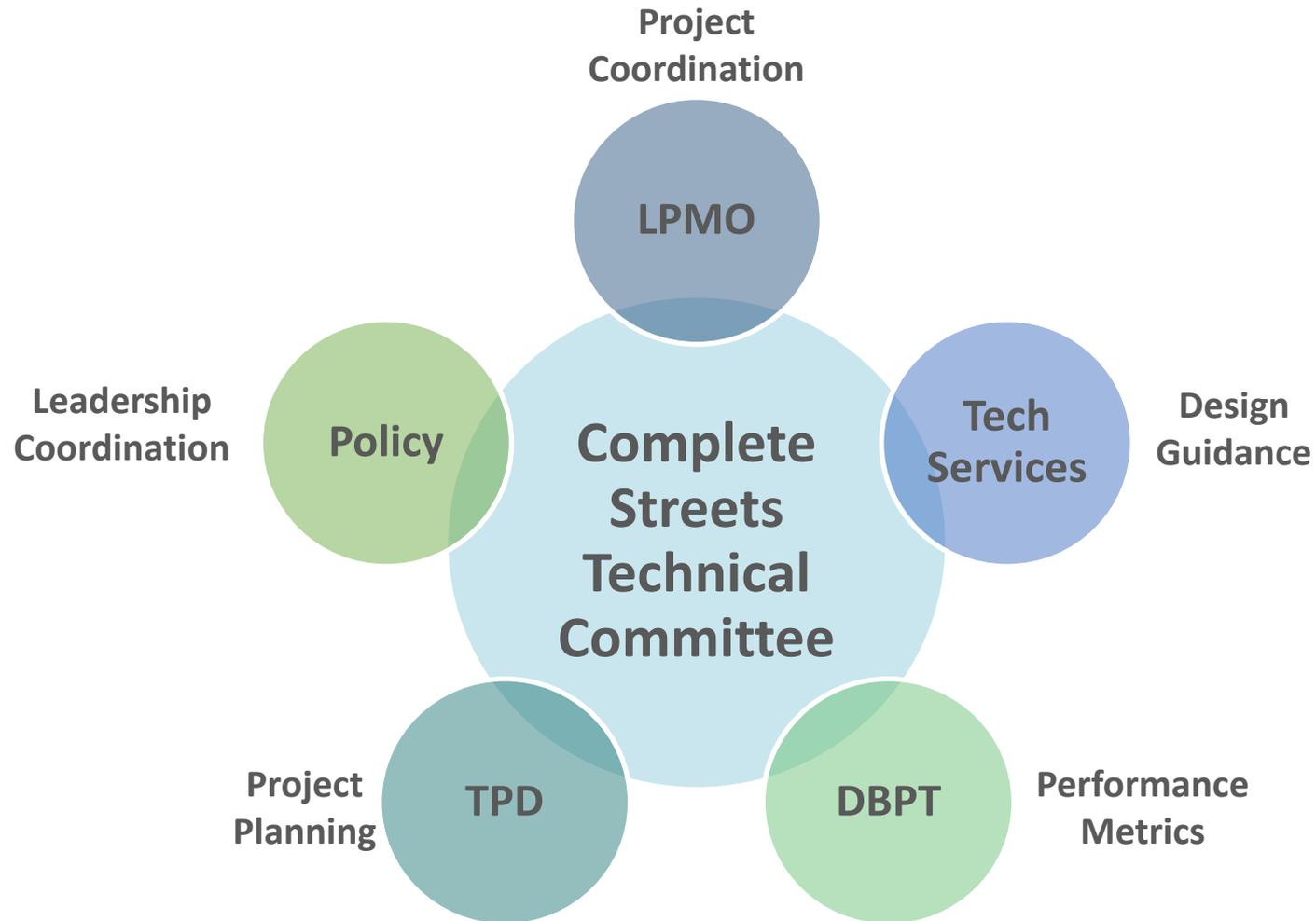
D

Increase Customer Responsiveness

OBJECTIVE

STRATEGIES

BIG IDEA: Integrated Support



- Build from current work group and policy update discussions
- Evaluate and track implementation of complete streets
- Update guidelines and training programs



5

Create Statewide Vision for B+P Network

OBJECTIVE

STRATEGIES

A

Continue DBPT Planning Grant Program

B

Create Statewide B+P Network Plan

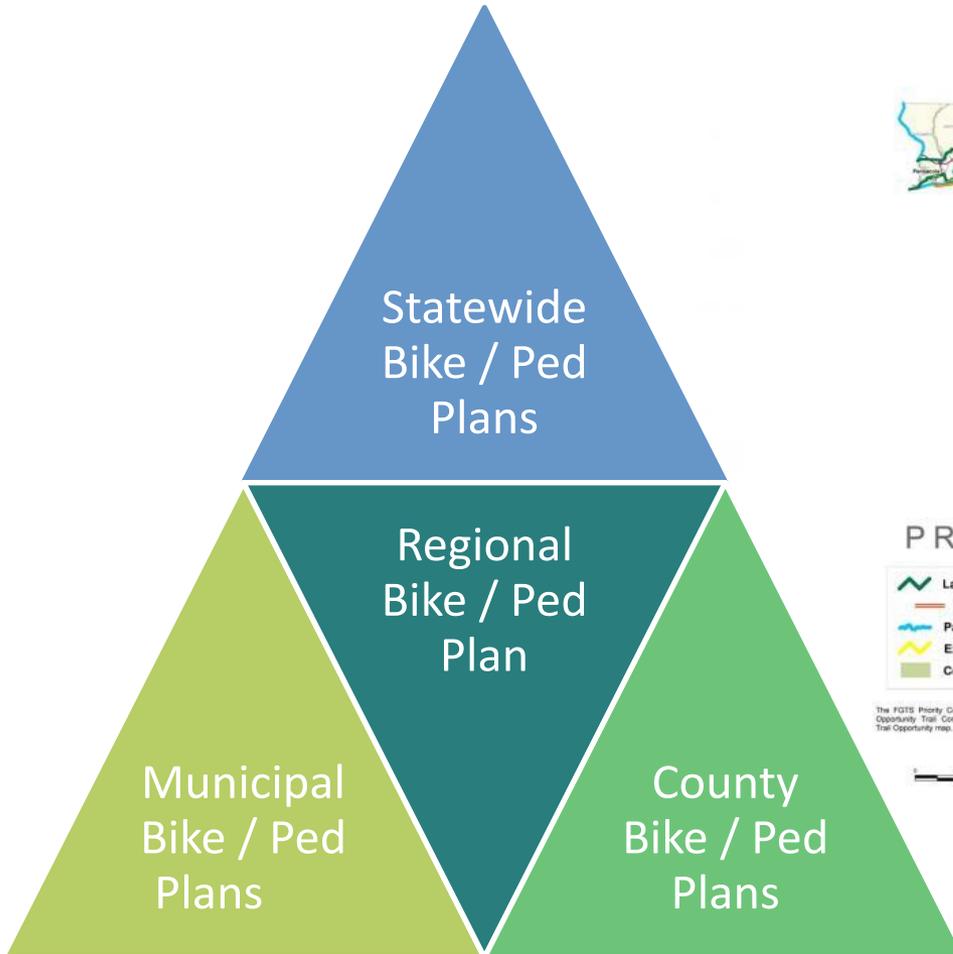
C

Improve B+P elements of CTPs

D

Implement WBNC (2013 Statewide Plan)

BIG IDEA: Statewide Network Plan





OBJECTIVE

6

Support Decisions with Research + Data

STRATEGIES



BIG IDEA: Maintain Data through Standing Programs and Initiatives

GIS asset data collection and maintenance
(Tech Services/ IT)

Volume data collection and maintenance
(Transportation Planning)

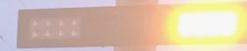
Crash data collection and maintenance
(Mobility and Safety)

Data collection QA/QC
(Bike + Ped)

Data Analysis & Mapping
(Transportation Planning / Bike + Ped)

Outreach and Reporting
(Bike + Ped; IT)

Discussion





NORTH CAROLINA

Department of Transportation



Prioritization 6.0 Update / Topic Gathering

Sarah Lee
Strategic Prioritization Office

November 7, 2018

P6.0 BOT Input

P6.0 Workgroup

- First meeting held October 15th
- Scheduled to meet monthly through May 2019
- Use of subcommittees (Aviation, BikePed, Transit, Highway)

Highway and Multimodal Committees (November)

- Input received will be brought to Workgroup

Full BOT Discussion (December)

P6.0 Updates

Approval of P6.0 Scoring (July 2019)

STI Law vs. NCDOT Approvals

STI Law Defines:

- *Funding categories and amounts (40/30/30)*
- *Project eligibility*
- *Highway scoring criteria*
- *Funding constraints*

DOT Approvals (Recommended by Workgroup)

- Scoring process (timeframe, submittals)
- Highway criteria measures and weights
- Non-Highway criteria, measures and weights
- Normalization (funding allocation between modes)
- Local input points



P5.0 Non-Highway Scoring

Aviation Scoring

Criteria	Measure	Statewide Mobility (100%)	Regional Impact (70%)	Division Needs (50%)
NCDOA Project Rating	NCDOA Project Rating	40%	30%	25%
FAA ACIP Rating	FAA Airport Capital Improvement Plan (ACIP) rating	10%	5%	10%
Non-State Contribution Index	% of Local Contribution vs State Contribution	30%	20%	5%
Benefit/Cost	Total Economic Contribution / Cost to NCDOT	20%	15%	10%

Bicycle & Pedestrian Scoring

Criteria	Measure	Division Needs (50%)
Safety	(Number of crashes x 40%) + (Posted speed limit x 20%) + (Crash severity x 20%) + (Project safety benefit x 20%)	15%
Access	(Destination Type x 50%) + (Distance to Prime Destination x 50%)	10%
Demand/Density	# of households and employees per square mile near facility	10%
Connectivity	Degree of bike/ped separation from roadway, connectivity to a similar or better project type, part of/connection to a national/state/regional bike route	10%
Cost Effectiveness	(Safety + Access + Demand + Connectivity) / Cost to NCDOT	5%

Ferry Scoring

Criteria	Measure	Regional Impact (70%)	Division Needs (50%)
Asset Condition	100 - Asset Condition Rating	15%	15%
Benefits	Number of hours (in \$) saved compared to driving	10%	10%
Accessibility/ Connectivity	# of nearby Points of Interest	10%	10%
Asset Efficiency	3-year maintenance cost / 3-year replacement cost	15%	15%
Capacity/ Congestion	% of vehicles left behind at each departure compared to total carried by the route	20%	-

Public Transportation Scoring - Mobility

Criteria	Measure	Regional Impact (70%)	Division Needs (50%)
Impact	Number of trips affected by project	15%	10%
Demand/ Density	Total Trips / Service population	20%	10%
Efficiency	Total trips / Total revenue seat hours	10%	10%
Cost Effectiveness	Additional trips / (Cost to NCDOT / Lifespan of project)	25%	20%

Project Types:

- Route-specific vehicles (for new or expanded service)
- Fixed guideway (commuter rail, intercity rail, and light rail)
- Bus Rapid Transit (BRT)
- Bus on Shoulder System (BOSS) / Busway
- Bundled projects

Public Transportation Scoring - Demand Response

Criteria	Measure	Regional Impact (70%)	Division Needs (50%)
Impact	Number of trips affected by project	10%	10%
Demand/ Density	Total hours with the project in place / Service population	20%	15%
Efficiency	Vehicle Utilization Ratio	15%	10%
Cost Effectiveness	Additional trips / (Cost to NCDOT / Lifespan of project)	25%	15%

Project Types:

- Vehicles

Public Transportation Scoring - Facilities

Criteria	Measure	Division Needs (50%)
Impact	Number of trips affected by project	15%
Demand/ Density	Ridership Growth Trend for the Previous 5 Years	10%
Efficiency	Efficiency Score	10%
Cost Effectiveness	Additional trips / (Cost to NCDOT / Lifespan of project)	15%

Project Types:

- Passenger stations
- Stops/shelters
- Park and rides lots
- Administration/Maintenance buildings

Rail Scoring

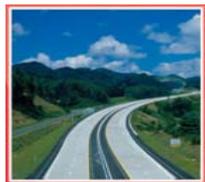
Criteria	Measure	Statewide Mobility* (100%)	Regional Impact (70%)	Division Needs (50%)
Benefit-Cost	Benefit-Cost score	35%	25%	10%
System Opportunities	(Accessibility/Connectivity score x 50%) + (Multimodal score x 50%)	15%	10%	15%
Safety	Safety score	30%	15%	10%
Capacity and Diversion	(Volume/Capacity score x 75%) + (Highway Diversion score x 25%)	10%	10%	10%
Economic Competitiveness	Economic Competitiveness score	10%	10%	5%

*Only Class I Freight projects eligible in Statewide Mobility

Passenger Rail only eligible for Regional Impact and Division Needs

Normalization

Intent of STI legislation is to fund best transportation projects, regardless of mode



vs



vs



vs



vs



vs



Challenges:

- Different criteria and weights used in each mode
- No “best practice” from national review – Peer Exchange in Dec. 2014 confirms this
- Concern that pendulum could swing too far and risk STI

Normalization

- Solution = “normalize” the allocation of funds between Highway and Non-Highway projects
 - Done in a transparent manner using minimum “floor” or %

Only applies to Regional Impact and Division Needs

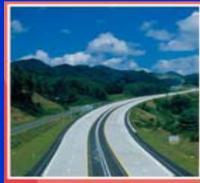
Percentages are based on historical funding benchmarks

Mode	Historical expenditures	2016-2025 STIP (P3)	2018-2027 STIP (P4)	P3, P4, P5 Recommendation
Non-Highway	4%	5%	6%	4% (min.)
Highway	96%	95%	94%	90% (min.)

Normalization in P5.0

Statewide Mobility:

Competition based on quantitative scores, regardless of mode



vs



vs



Mode	Regional Impact	Division Needs
Highway	90%	90%
Non-Highway	4%	4%
Flex (all modes)	6%	6%



P6.0 Topic Gathering

Sources of Topics for Improvement

Workgroup Survey

Workgroup Meeting

Subcommittee Meetings

P5.0 List

Overall Process

Working Well:

- Elected officials and public have better understanding/appreciation for Prioritization and trust in the data
- Current process is more inclusive of internal/external stakeholders, more transparent, and easier to understand
- Workgroup process
- Communication and coordination between MPOs/RPOs, Divisions, and SPOT

Topics for Improvement:

- Bundling of multimodal projects
- Limits to non-highway funding (normalization)
- Number of local input points; linking local input points to project cost

Aviation

Working Well:

- Criteria/scoring is straightforward and objective

Topics for Improvement:

- Earlier communication is needed on multimodal Aviation projects and non-Aviation projects that impact the airport
- Concerned about lack of funding for GA airport projects
- Additional project criteria may need to be developed to better represent CS airport needs
- Non-state contribution weight - reduce?
- Consider new ways to measure economic contribution and have more variation in scores
- Division of Aviation staff assist earlier in project development

Bicycle/Pedestrian

Working Well:

- Criteria are more detailed - Safety added Crash Severity

Topics for Improvement:

- Establish criteria that can help deliver complete streets
- More reliable data sources / more automated scoring / less manual input and subjectivity
- Project bundling by jurisdiction for small segments of sidewalk, crosswalks, ped heads, etc.
- Add weighting to crashes with vulnerable road users (bikes, pedestrians)
- How to capture e-scooter ridership in data and scoring
- Research how to incorporate economic impact
- Multimodal benefit / intermodality

Ferry

Working Well:

- Vessel Replacement criteria works well

Topics for Improvement:

- Revisit scoring to focus on projects that are not vessel related

Public Transportation

Working Well:

- Average and median scores were higher, and requested funds increased significantly
- Division Needs had 23% more project requests and increase in requested funds
- More projects submitted in total

Topics for Improvement:

- Revisit criteria - did P5 changes solve the problem?
- Simpler data requirements
- Bundling/creating better projects
- More involvement by PTD in project development
- Establish criteria that can help deliver complete streets
- Multimodal benefit / intermodality

Rail

Topics for Improvement:

- Highly strategic projects that score well are not necessarily tied to programming
- Modify safety criteria to incorporate a safety measure for track projects (currently only grade separations / improvement projects on the highway network have a measure)

Other Considerations

SPOT On!ine improvements

Complete Streets Committee

Transportation Disadvantage Research Committee

Topics for Improvement

- Questions and Suggestions?

Next Steps

Input received will be brought to Workgroup

Full BOT Discussion (December)

Contact Information

STRATEGIC TRANSPORTATION INVESTMENTS

Smart decisions to keep North Carolina moving.

David Wasserman, P.E.
Prioritization Office (SPOT)
/ STIP Western Region
Manager
(919) 707-4743
dswasserman@ncdot.gov

Sarah E. Lee
Prioritization Office
(SPOT)
(919) 707-4742
selee@ncdot.gov

Jason Schronce, P.E.
Prioritization Office
(SPOT)
(919) 707-4646
jschronce@ncdot.gov

Austin Chamberlain
Prioritization Office (SPOT)
(919) 707-4650
sachamberlain@ncdot.gov

<https://www.ncdot.gov/sti>
spot@ncdot.gov (David, Sarah, Jason, Austin)



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION NOVEMBER 7TH, 2018

TIME: 11:15-11:30 AM

LOCATION: Room 160

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of October 2018 Road/Bridge/Ferry Naming Committee Meeting Minutes	Mike Fox, Chair	11:15 AM
J. Douglas Galyon Freeway – Section of I-840 from Joseph M Bryan Boulevard (I-73) to Battleground Avenue (US-220), Greensboro, Guilford County, Division 7 (Fox)	Dom Ciaramitaro	11:20 AM
Colonel Thomas M. McNish, MD Highway - Section of Wayah Road (SR-1310) from Old Murphy Road (SR-1442) to 4.82 miles west, Macon County, Division 14 (Debnam)	Dom Ciaramitaro	11:25 AM
Adjourn	All	11:30 AM



WORKFORCE COMMITTEE MEETING MINUTES

DATE: 10/10/2018 TIME: 3:14 pm LOCATION: EIC

MEETING CALLED BY	Chairman Mike Fox opened the Workforce Committee meeting for business.
BOARD ATTENDEES	Chairman Mike Fox, Board Members: Andy Perkins, Mike Alford, Grady Hunt, Pat Molamphy, Cullie Tarleton, and Sam Bowles.

AGENDA TOPICS

1. CALL TO ORDER, ROLL CALL, ETHICS STATEMENT, DECLARATION OF QUORUM, APPROVAL OF MINUTES - CHAIRMAN MIKE FOX	
DISCUSSION SUMMARY	<p>Chairman Fox called the Workforce Committee meeting to order, took roll call, read the ethics statement and declared a quorum based on all committee members present.</p> <p>Chairman Fox expressed appreciation of the Department's partnership with CarolinasAGC and asked Berry Jenkins to come forward with the presentation.</p>
ACTIONS TAKEN	No actions taken.

2. INDUSTRY WORKFORCE UPDATE - BERRY JENKINS, P.E. PLS, NC GOVERNMENT RELATIONS & HIGHWAY HEAVY DIVISION CAROLINASAGC	
3. INDUSTRY WORKFORCE UPDATE – BETSY BAILEY, DIRECTOR, NC GOVERNMENT RELATIONS BUILDING DIVISION CAROLINASAGC	
DISCUSSION SUMMARY	<p>Representatives from CarolinasAGC provided updates regarding the Department's workforce industry.</p> <p>Betsy Bailey discussed topics including re-evaluating the Department's salary structure, competition with other agencies, career programs, advertisement efforts, increasing engineer attendance at career fairs, addition of benefit packages, possibility of referral and signing bonuses, compiling resources to assist with future initiatives, and hiring gaps within the Department.</p> <p>Ms. Bailey detailed several workforce initiatives implemented by CarolinasAGC. Some efforts included construction summer camps, teacher externships, community outreach, targeted construction industry career fairs, encouraged students to work in the summer and during the school year, NC Works Apprenticeship Program and the Build Your Career Program.</p> <p>Ms. Bailey provided insight on collaboration efforts which could be beneficial to the Department. She discussed partnering with CarolinasAGC, reaching out to area schools inclusive of middle and high school students, a NCDOT Build Your Career initiative, targeting women, minorities and younger workers, and an improved branding campaign.</p>
ACTIONS TAKEN	No actions taken.



WORKFORCE COMMITTEE MEETING MINUTES

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4. MARKET STUDY REVIEW – PATT TALVANNA, PATT TALVANNA CONSULTING	
DISCUSSION SUMMARY	<p>Patt Talvanna provided updates on the workforce study conducted with the assistance of The Mercer Group.</p> <p>Ms. Talvanna stated internal and external factors were evaluated. She discussed that the Department is losing employees and applicants to power, oil, gas and utility companies. Updates were provided on the state of the economy, demographic structure of the Department, and public and private sector markets. She mentioned data from the study will be used to provide recommendations for an appropriate long-range structure.</p>
ACTIONS TAKEN	No actions taken.

5. NEXT STEPS - CHAIRMAN MIKE FOX, DARRYL BASS, HR DIRECTOR & ALL COMMITTEE MEMBERS	
DISCUSSION SUMMARY	<p>Committee members discussed initiatives and identified priority dates.</p> <p>Committee members identified December 2018 as the deadline for development of the workforce framework, examining recruitment retention and employee engagement along with implementing the workforce study.</p> <p>Committee members specified March 2019 as the deadline for evaluating and measuring the initial pilot impact.</p> <p>Committee members identified May 2019 for determining next steps.</p> <p>Secretary Trogdon discussed reducing the vacancy rate by making the Department more competitive and encouraged more community activism and engagement with community colleges.</p> <p>Board member Tarleton mentioned community colleges and the college transfer program. He stated inviting presidents from North Carolina's community colleges to come before the board and provide insight would be beneficial.</p>
ACTIONS TAKEN	No actions taken.



WORKFORCE COMMITTEE MEETING MINUTES

6. ADJOURN - CHAIRMAN MIKE FOX	
DISCUSSION SUMMARY	Meeting adjourned at 4:05 pm.
ACTIONS TAKEN	No actions taken.



WORKFORCE COMMITTEE AGENDA

BOARD OF TRANSPORTATION NOVEMBER 7, 2018

START TIME: 4:20 p.m.

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Ethics Statement Declaration of Quorum Approval of minutes	Mike Fox, Chair	5 minutes
Market Study and Workforce Update	Bobby Lewis, P.E. Chief Operating Officer	25 minutes
Recruitment Update	Bobby Lewis, P.E., COO Darryl Bass, HR Director	10 minutes
Recommendation: Market Study/ Retention and Recruitment Program	Mike Fox, Chair	10 minutes
Next Steps	Mike Fox, Chair Bobby Lewis, P.E., COO All committee members	10 minutes
Adjourn	Mike Fox, Chair	