



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

WEDNESDAY, September 5, 2018

8:30 AM – 10:30 AM

New Board Member Orientation: Alford, Bowles, and Taft	Room 150
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10:30 AM -11:00 AM BREAK

11:00 AM - Noon New Board Photo

Noon – 1:30 PM BREAK

1:30 PM – 2:20 PM WORK SESSION – FULL BOARD ATTENDANCE ROOM 150

Prioritization 5.0 Update and Prioritization 6.0	David Wasserman
Status update from the Division of Motor Vehicles (DMV)	Commissioner Torre Jessup
Product Evaluation Program Awareness	Chairman Fox
Cash Balance Update	Chairman Fox

2:20 PM – 2:30 PM BREAK

2:30 PM – 3:40 PM

Highway Committee	Room 150
Multi- Modal Committee	EIC

3:40 PM – 3:50 PM BREAK

3:50 PM – 5:00 PM

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

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

THURSDAY, September 6, 2018

9:00AM

Location: Room 150

- **Call to Order**
- **Ethics Statement**
- **Approval of August 2, 2018 Meeting Minutes**
- **Secretary's Remarks**

Chairman Fox
Chairman Fox
Chairman Fox
Secretary Trogdon

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

Overview of the North Carolina/Virginia High Speed Rail Compact

Senator Tom McInnis

Approval of Projects

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
(Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-1A) Public Transportation
 - (Item I-2) Rail Program
 - (Item I-4) Aviation(Item K) North Carolina Highway Trust Funds
(Item M) Funds for Specific Federal-Aid Projects
(Item N) Revisions to the 2018-2027 STIP
(Item O) Municipal and Special Agreements
(Item P) Municipal Street System Changes
(Item R) Right of Way Resolutions and Ordinances
(Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation

Committee Reports

Committee Chairs

Other Business

Chairman Fox

Adjourn

Chairman Fox

Directly following the adjournment of the full meeting of the Board – 11:30am

EIC

Workforce Committee Meeting

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

September 5-6, 2018

Delegated Authority Secretary Trogon

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

Action Chairman Fox

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

NCDOT Board of Transportation Agenda

ITEM C

August 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.
AUGUST 21, 2018
DIVISION 00003

C204229
2019CPT.03.03.10821, 2019CPT.03.03.20821
STATE FUNDED
SAMPSON

PROPOSAL LENGTH 49.900 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF NC-24, 1 SECTION OF NC-41, 1 SECTION OF NC-411, AND 8 SECTIONS OF
SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..80% OF BID
FY-2020..20% OF BID

RPN 003 2 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 10,123,199.30

DATE AVAILABLE OCT 01 2018

FINAL COMPLETION NOV 15 2019

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	9,899,962.67	-2.2
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	9,903,295.19	-2.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST 21, 2018
DIVISION 00005

C204227
2020CPT.05.02.20921.1
STATE FUNDED
WAKE

PROPOSAL LENGTH 17.170 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 37 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..77% OF BID
FY-2020..23% OF BID

RPN 004 4 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 5,056,852.80

DATE AVAILABLE OCT 01 2018

INTER COMPLETION JUN 01 2019 COMPLETE ALL WORK REQUIRED OF MAP #3
AUG 23 2019 COMPLETE ALL WORK REQUIRED OF MAPS #2, #30, & #35

FINAL COMPLETION NOV 30 2019

	\$ TOTALS	% DIFF
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	4,265,543.75	-15.6
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,420,845.77	-12.6
CAROLINA SUNROCK LLC RALEIGH, NC	4,930,009.13	-2.5
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	5,217,922.31	+3.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST 21, 2018
DIVISION 00006

C204133
50138.3.153
HSIP-0074(186)
COLUMBUS, BRUNSWICK
W-5601EV

PROPOSAL LENGTH 2.749 MILES

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

LOCATION US-74 FROM SR-1824 (WATER TANK RD) TO EAST OF BRUNSWICK COUNTY LINE.

EST CONST PROGRESS.... FY-2019..59% OF BID
FY-2020..41% OF BID

RPN 005 2 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 8,722,092.95

DATE AVAILABLE OCT 01 2018

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

FINAL COMPLETION NOV 28 2020

	\$ TOTALS	% DIFF
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	9,024,132.40	+3.5
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	10,508,324.09	+20.5

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 AUGUST 21, 2018
 DIVISION 00009

C204137
 34409.3.17
 NHP-0052(056)
 FORSYTH
 R-2247EB

PROPOSAL LENGTH 2.600 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION WINSTON-SALEM NORTHERN BELTWAY INTERCHANGE AT US-52 (FUTURE I-74).

EST CONST PROGRESS.... FY-2019..12% OF BID
 FY-2020..36% OF BID
 FY-2021..30% OF BID
 FY-2022..19% OF BID
 FY-2023..03% OF BID

RPN 008 3 BIDDER(S) DBE GOAL 13.00 %
 ESTIMATE 149,266,000.00

DATE AVAILABLE OCT 01 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
BLYTHE CONSTRUCTION INC	89.50	13.00	134,150,000.00	-10.1	17,439,500.00	116,710,500.00	-21.8
WINSTON-SALEM BELTWAY	88.00	12.00	149,500,000.00	+0.16	17,940,000.00	131,560,000.00	-11.86
THE LANE CONSTRUCTION	86.00	10.67	153,157,885.00	+2.61	16,341,946.33	136,815,938.67	-8.34

* BOND EXECUTED IMPROPERLY
 * ATTEST PAGE NOT SIGNED BY SECRETARY

PROPOSAL	PROPOSED COMPLETION DATE
BLYTHE CONSTRUCTION INC	SEP 01 2022
WINSTON-SALEM BELTWAY CONSTRUCTORS, L	SEP 02 2022
THE LANE CONSTRUCTION CORPORATION	JUN 30 2022

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST 21, 2018
DIVISION 00013

C204223
2019CPT.13.03.10571, 2019CPT.13.03.20571
STATE FUNDED
MADISON

PROPOSAL LENGTH 39.180 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION

LOCATION 2 SECTIONS OF US-25/US-70, 1 SECTION OF NC-209, AND 17 SECTIONS OF SECONDARY
ROADS.

EST CONST PROGRESS.... FY-2019..81% OF BID
FY-2020..19% OF BID

RPN 006 1 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 5,778,721.38

DATE AVAILABLE OCT 01 2018

FINAL COMPLETION NOV 01 2019

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	5,828,671.74	+0.9

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 AUGUST 21, 2018
 DIVISION 00013

C204221
 17BP.13.R.193
 STATE FUNDED
 MITCHELL, BUNCOMBE

PROPOSAL LENGTH 0.246 MILES
 TYPE OF WORK BRIDGE REPLACEMENTS
 LOCATION 3 BRIDGES IN BUNCOMBE COUNTY AND 1 BRIDGE IN MITCHELL COUNTY

EST CONST PROGRESS.... FY-2019..35% OF BID
 FY-2020..53% OF BID
 FY-2021..12% OF BID

RPN 007 4 BIDDER(S) DBE GOAL 6.00 %
 ESTIMATE 3,522,328.00

DATE AVAILABLE OCT 01 2018
 FINAL COMPLETION DEC 15 2020

	\$ TOTALS	% DIFF
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	3,013,751.70	-14.4
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	3,252,670.00	-7.7
DANE CONSTRUCTION INC MOORESVILLE, NC	3,466,010.00	-1.6
GLF CONSTRUCTION CORPORATION MIAMI, FL	3,569,200.00	+1.3

ESTIMATE TOTAL	182,469,194.43	
LETTING TOTAL	166,182,062.26	+9.8

**NCDOT September 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

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.

STATEWIDE

Description of work:	2015 Comprehensive Multimodal/Rail Planning Services LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$ 500,000.00
SPSF Utilization:	0%

Transportation Planning 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.

STATEWIDE

Project:	Provide travel demand modeling services to review, update, and run the North Carolina Statewide Travel Demand Model
Scope of Work:	Modeling and Project Evaluations for Prioritization 5
Estimated Construction Cost:	Planning Item Only
Firm:	CDM Smith Inc, Atlanta, GA
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	Two (2) Year Time Extension Only
Supplemental Work:	Implement the long term enhancements as described in the existing LSC
SPSF Utilization:	0%

September 6, 2018

Chief Operating Officer

Office of Strategic Initiatives & Program Support

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:	2018 Strategic General Services Consultant LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$2,500,000.00
Supplemental Fee:	\$2,500,000.00
SPSF Utilization:	Mercator Advisors LLC 5% / \$125,000.00
SPSF Utilization:	The Kercher Group Inc 10% / \$250,000.00

Description of work:	2018 Strategic General Services Consultant LSC
Firm:	KPMG LLP, Montvale, NJ
Original Engineering Fee:	\$2,500,000.00
Supplemental Fee:	\$2,500,000.00
SPSF Utilization:	0%

Chief Engineer

Deputy Chief Engineer

Design-Build

The Secretary of Transportation awarded a Design-Build contract in July 2018 for I-5111 / I-4739 - I-40 from I-440 / US 64 (Exit 301) to just North of SR 1525 (Cornwallis Road) including improvements to NC 42 and SR 1010 (Cleveland Road). In accordance with the policies and procedures adopted by the Board, a Design-Build team who was not awarded the project can request payment of a stipend to recover part of the expense of preparation of their proposal. We have received a request for payment of the stipend from the following firms. These are for information only.

Project:	(42346.3.1) (I-5111 / I-4739)
Firm:	Granite Construction Company, Watsonville, CA
Stipend Amount:	\$100,000.00
SPSF Utilization:	0%

Project:	(42346.3.1) (I-5111 / I-4739)
Firm:	The Lane Construction Corporation, Cheshire, CT
Stipend Amount:	\$100,000.00
SPSF Utilization:	0%

September 6, 2018

Highway Operations

Transportation Asset Analytics

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 Highway Asset Inventory and Assessments LSC
Firm:	SEPI Engineering & Construction Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Previous Supplemental Fee:	\$ 500,000.00
Supplemental Fee:	\$4,000,000.00
SPSF Utilization:	0%

Description of work:	2016 Highway Asset Inventory and Assessments LSC
Firm:	Volkert Inc, Birmingham, Alabama
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$4,000,000.00
SPSF Utilization:	0%

Description of work:	2016 Highway Asset Inventory and Assessments LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$4,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of work:	2016 Highway Asset Inventory and Assessments LSC
Firm:	A. Morton Thomas & Associates Inc, Raleigh, NC
Original Engineering Fee:	\$ 500,000.00
Previous Supplemental Fee:	\$ 800,000.00
Supplemental Fee:	\$4,500,000.00
SPSF Utilization:	0%

Description of work:	2016 Highway Asset Inventory and Assessments LSC
Firm:	Mattern & Craig Inc, Asheville, NC
Original Engineering Fee:	\$ 500,000.00
Previous Supplemental Fee:	\$1,100,000.00
Supplemental Fee:	\$4,000,000.00
SPSF Utilization:	100%

Description of work:	2016 Highway Asset Inventory and Assessments LSC
Firm:	Summit Design and Engineering Services PLLC, Hillsborough, NC
Original Engineering Fee:	\$ 500,000.00
Previous Supplemental Fee:	\$ 900,000.00
Supplemental Fee:	\$4,000,000.00
SPSF Utilization:	100%

September 6, 2018

Divisions

Divisions 1-4, and 6

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

DIVISIONS 1-4, and 6

Description of work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	Atkins North America Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	Alpha & Omega Group PC 5% / \$100,000.00
SPSF Utilization:	Commonwealth Heritage Group Inc 2% / \$40,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 7% / \$140,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 4% / \$80,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 2% / \$40,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 5% / \$100,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 2% / \$40,000.00

Divisions 5, and 7-9

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, and 7-9

Description of work:	2016 Divisions 5, 7, 8, and 9 Planning and Design LSC
Firm:	VHB Engineering NC, P.C., Watertown, MA
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	Commonwealth Heritage Group Inc 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 1% / \$30,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$150,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions LLC 1% / \$30,000.00
SPSF Utilization:	Summit Design and Engineering Services PLLC 2% / \$60,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$150,000.00
SPSF Utilization:	TGS Engineers 9% / \$270,000.00

Description of work:	2016 Divisions 5, 7, 8, and 9 Planning and Design LSC
Firm:	Summit Design and Engineering Services PLLC, Hillsborough, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	100%

Description of work:	2016 Divisions 5, 7, 8, and 9 Planning and Design LSC
Firm:	ICA Engineering Inc, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$150,000.00
SPSF Utilization:	Alpha & Omega Group PC 5% / \$150,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 5% / \$150,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 5% / \$150,000.00

Description of work:	2016 Divisions 5, 7, 8, and 9 Planning and Design LSC
Firm:	Kimley-Horn & Associates Inc, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 2% / \$60,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 4% / \$120,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 6% / \$180,000.00
SPSF Utilization:	SpanishSpeaking, LLC 2% / \$60,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$60,000.00

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:	Michael Baker Engineering, Inc., Cary, NC
Original Engineering Fee:	\$10,000,000.00
Supplemental Fee:	\$10,000,000.00
SPSF Utilization:	0%

Description of work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Gannett Fleming Inc, Raleigh, NC
Original Engineering Fee:	\$ 5,000,000.00
Previous Supplemental Fee:	\$ 5,000,000.00
Supplemental Fee:	\$10,000,000.00
DBE/MBE/SPSF Utilization:	CES Consulting LLC 20% / \$2,000,000.00

Description of work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	A. Morton Thomas & Associates Inc, Raleigh, NC
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:	DRMP Inc, Charlotte, NC
Original Engineering Fee:	\$10,000,000.00
Supplemental Fee:	\$10,000,000.00
SPSF Utilization:	0%

Technical Services

Hydraulics 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 private firms for Hydraulics Support Services on an as needed basis for various federal-aid and state funded projects to support the Hydraulics Unit. These contracts will expire three (3) years, with one (1) one-year extension possible, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work:	2018 Hydraulics Support Services LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Alley Williams Carmen & King Inc, Burlington, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Alpha & Omega Group PC, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2018 Hydraulics Support Services LSC
Firm:	American Engineering Associates Southeast PA, Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization :	100%

Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Atkins North America Inc, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

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Description of Work: 2018 Hydraulics Support Services LSC
Firm: Calyx Engineers and Consultants Inc, Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: Dewberry Engineers Inc, Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: Ecological Engineering LLP, Cary, NC
Maximum Engineering Fee: \$1,000,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: EEE Consulting Inc, Cary, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: ESP Associates Inc, Charlotte, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: Freese and Nichols Inc, Fort Worth, TX
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: HNTB of North Carolina PC, Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: ICE of Carolinas PLLC, Ladson, SC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: Johnson Mirmiran & Thompson Inc, Hunt Valley, MD
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: KCI Associates of North Carolina PA, Baltimore, MD
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: Kimley-Horn & Associates Inc, Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: Kisinger Campo & Associates Corp, Tampa, FL
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: LJB Inc, Miamisburg, OH
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: MA Engineering Consultants Inc, Cary, NC
Maximum Engineering Fee: \$1,000,000.00
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: McCormick Taylor, Inc., Baltimore, MD
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: Mead & Hunt Inc, Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: MI Engineering PLLC, Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 100%

Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Moffatt & Nichol Incorporated, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Parrish and Partners of North Carolina LLC, Columbia, SC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	SEPI Engineering & Construction Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Summit Design and Engineering Services PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Sungate Design Group PA, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Tetra Tech Engineering PC, Denver, CO
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	The Louis Berger Group Inc, Morristown, NJ
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	The John R McAdams Company Inc, Durham, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Vaughn & Melton Consulting Engineers Inc, Asheville, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2018 Hydraulics Support Services LSC
Firm:	WithersRavenel Inc, Cary, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: Wood Environment & Infrastructure Solutions Inc,
Alpharetta, GA
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Hydraulics Support Services LSC
Firm: Woolpert North Carolina PLLC, Cincinnati, OH
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

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

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

STATEWIDE

Description of Work: 2019-2020 Location & Surveys and General
Engineering Services Consultant (GESC) LSC
Firm: Allied Associates PA, Winston Salem, NC
Maximum Engineering Fee: \$8,000,000.00
SPSF Utilization: 100%

Description of Work: 2019-2020 Location & Surveys and General
Engineering Services Consultant (GESC) LSC
Firm: Calyx Engineers and Consultants Inc, Raleigh, NC
Maximum Engineering Fee: \$17,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General
Engineering Services Consultant (GESC) LSC
Firm: Cardno Inc, Dallas, TX
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: CH Engineering PLLC, Raleigh, NC
Maximum Engineering Fee: \$7,000,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Dewberry Engineers Inc, Raleigh, NC
Maximum Engineering Fee: \$8,000,00.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: DRMP Inc, Charlotte, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: ESP Associates Inc, Charlotte, NC
Maximum Engineering Fee: \$20,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: GEL Engineering of NC Inc, Charleston, SC
Maximum Engineering Fee: \$11,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: GPI Geospatial Inc, Charlotte, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Hawkeye Geomatics PC, Durham, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: 100%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Johnson Mirmiran & Thompson Inc, Hunt Valley, MD
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Joyner Keeny PLLC, Rocky Mount, NC
Maximum Engineering Fee: \$8,000,000.00
SPSF Utilization: 100%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: KCI Associates of North Carolina PA, Baltimore, MD
Maximum Engineering Fee: \$4,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: MA Engineering Consultants Inc, Cary, NC
Maximum Engineering Fee: \$4,000,000.00
DBE/MBE/SPSF Utilization : 100%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Maser Consulting PA, Red Bank, NJ
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Mattern & Craig Inc, Asheville, NC
Maximum Engineering Fee: \$4,000,000.00
SPSF Utilization: 100%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: The John R McAdams Company Inc, Durham, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: McKim & Creed Inc, Raleigh, NC
Maximum Engineering Fee: \$15,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Merrick & Company, Charlotte, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: SEPI Engineering & Construction Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: So Deep SAM NC Inc, Manassas, VA
Maximum Engineering Fee: \$8,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Stantec Consulting Services Inc, Raleigh, NC
Maximum Engineering Fee: \$9,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Stewart, Philadelphia, PA
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Summit Design and Engineering Services PLLC, Hillsborough, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: 100%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Taylor, Wiseman & Taylor, Cary, NC
Maximum Engineering Fee: \$6,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: TGS Engineers, Shelby, NC
Maximum Engineering Fee: \$12,000,000.00
SPSF Utilization: 100%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Timmons Group Inc, Raleigh, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Vaughn & Melton Consulting Engineers Inc, Asheville, NC
Maximum Engineering Fee: \$15,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: VHB Engineering NC, P.C., Watertown, MA
Maximum Engineering Fee: \$4,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Wadelynn Geospatial, LLC, Garner, NC
Maximum Engineering Fee: \$6,000,000.00
SPSF Utilization : 100%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: WithersRavenel Inc, Cary, NC
Maximum Engineering Fee: \$4,000,000.00
SPSF Utilization: 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: Wood Environment & Infrastructure Solutions Inc, Alpharetta, GA
Maximum Engineering Fee: \$16,000,000.00
SPSF Utilization : 0%

Description of Work: 2019-2020 Location & Surveys and General Engineering Services Consultant (GESC) LSC
Firm: WSP USA Inc, Raleigh, NC
Maximum Engineering Fee: \$4,000,000.00
SPSF Utilization: 0%

Turnpike Authority

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

STATEWIDE

Description of work:	2015-2018 Toll Operation Services LSC
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	Forge Communications LLC 5% / \$100,000.00

**NCDOT SEPTEMBER 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 11 Yadkin	SR 1445 Marvin Road	Grade, Base, Drain, & Pave Establish Funds 11C.099090	\$14,350.00
Div 14 Haywood	SR 1160 Oxner Cove Road	Grade, Base, Drain & Pave Increase Funds WBS 14C.044184	\$50,000.00
Div 14 Henderson	SR 1816-B Mapleton Drive	Grade, Base, Drain & Pave Increase Funds WBS 14C.045156	\$60,000.00
Div 14 Henderson	SR 1573 Kyles Creek Road	Grade, Base, Drain & Pave Increase Funds WBS 14C.045164	\$67,271.00

Closings:

Div / County	SR No. / Road Name	Description	Amount
Div 6 Harnett	SR 2488 McFayden Drive	Grade, Base, Drain & Pave Increase Funds & Close WBS 6C.043121	\$485.77

Item E Summary:

1	Project to Establish Funds	\$14,350.00
3	Projects to Increase Funds	\$177,271.00
1	Projects to Increase and Close	\$485.77

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

Secondary Road Paving Program (FY-2019)

Session Law 2013-183, Section 2.6(d) provides \$12M recurring funds for the paving of unpaved secondary roads. Section 2.5 requires the Department to develop a statewide paving priority list for the paving of unpaved secondary roads. Session Law 2016-94, Section 35.7(a) requires the Department to expend fifty percent (50%) of the funds allocated to the paving of unpaved secondary roads for the paving of unpaved secondary roads based on a statewide prioritization. Section I is a listing of the first \$6,000,000.

SECTION I: The following roads were initially funded previous Fiscal Year Allocations and require additional program funds for completion of Construction activity:

FY Funding	Div	County	Length (Miles)	SR #	Road Name	Amount (\$)
2019-Const Increase	4	JOHNSTON	2.05	2135	OLD CREECH RD	525,000
2019-Const Increase	4	JOHNSTON	0.61	1212	SHADOWWOOD ROAD	183,000
2019-Const Increase	5	DURHAM	0.24	2151	CHICKAWS ROAD	45,000
2019-Const Increase	5	GRANVILLE	1.40	1400	GRASSY CREEK-VIRGILI	300,000
2019-Const Increase	5	GRANVILLE	2.20	1409	CONWAY ELLIOT ROAD	300,000
2019-Const Increase	5	GRANVILLE	2.00	1407	RUBEN HART ROAD	270,000
2019-Const Increase	11	CALDWELL	2.30	1513-A	INDIAN GRAVE ROAD	1,000,000
2019-Const Increase	11	CALDWELL	0.80	1428-B	SETZER'S GAP	400,000
2019-Const Increase	11	CALDWEL	1.50	1373	ROCKY KNOB	25,000
2019-Const Increase	11	WATAUGA	2.10	1526-A	SAMPSON ROAD	2,400,000
2019-Const Increase	11	WATAUGA	1.50	1218-B	LAUREL BRANCH	100,000
2019-Const Increase	11	WATAUGA	2.05	1353	HARDIN ROAD	100,000
2019-Const Increase	11	WATAUGA	0.95	1541-B	PAYNE BRANCH	50,000
2019-Const Increase	11	WATAUGA	0.65	1152	LOWER CRAB ORCHARD	50,000
2019-Const Increase	11	WATAUGA	0.13	1300-C	RICH MOUNTAIN ROAD	35,000
2019-Const Increase	11	WATAUGA	1.33	1137	JUSTUS ROAD	15,000
2019-Const Increase	14	CHEROKEE	0.37	1529	GOLDIE GARRETT ROAD	165,500

September 6, 2018

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

SECTION I \$5,963,500
Funding for PE, O/D's & Contingencies \$36,500

FY 2019 Appropriation for Section I \$6,000,000

SECTION II: Session Law 2016-94, Section 35.7(a) also requires the Department to expend the remaining \$6,000,000 of funds equally among the 14 Highway Divisions for the paving of unpaved secondary roads within each Highway Division based on the same statewide prioritization.

The following roads were initially funded previous Fiscal Year Allocations and require additional program funds for completion of Preliminary Engineering and Construction activity:

FY Funding	Div	County	Length (Miles)	SR #	Road Name	Amount (\$)
2019-Const Increase	1	PASQUOTANK	0.80	1364	SAWYER ROAD	70,000
2019-Const Increase	3	BRUNSWICK	0.90	1154	DUCK POND ROAD	50,000
2019-Const Increase	3	DUPLIN	0.35	1328	SHINE ROAD	85,000
2019-Const Increase	4	JOHNSTON	0.70	1725	HARRIS WILSON ROAD	315,000
2019-Const Increase	8	RANDOLPH	0.73	2072	BROOKWOOD ACRES DRIVE	100,000
2019-Const Increase	8	RANDOLPH	0.07	1779	HILLCEST COURT EXT.	20,000
2019-Const Increase	9	DAVIDSON	0.22	3320	MARTIN AVENUE	100,000
2019-Const Increase	10	CABARRUS	2.17	2448	OLD MINE ROAD	428,571
2019-Const Increase	12	IREDELL	1.50	1810	MITCH ROAD	428,571

Sub-total for Section II \$1,597,142
Amount to be programmed on
Future Item E Agendas: \$4,402,858

FY 2019 Appropriation for Section II \$6,000,000

NCDOT September 2018 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 1				
Currituck	51684	0.07	Saddlebrook Estates Canterbury Court	7/11/18
		0.37	Briarcliffe Lane	
		0.05	Derby Drive	
Division 2				
Carteret	51685	0.16	Tar Kiln Ridge Naval Stores Drive	6/22/18
		0.04	Tar Kiln Lane	
Craven	51686	0.21	Satterfield Satterfield Drive	6/22/18
Division 3				
Onslow	51687	0.10	Amanda's Ridge SR 2455 Extension (Courtney Drive)	7/13/18
		0.07	Bribster Court North	
		0.05	Bribster Court South	
Onslow	51688	0.31	Forest Ridge Holland Mill Lane	7/5/18
		0.07	Gena Vee Court	
Onslow	51689	0.16	Pleasant Ridge Chasity Way	6/21/18
		0.13	Brice Court	
Pender	51690	0.24	Dan Owen Drive	7/24/18
Division 4				
Johnston	51691	0.18	Massey Farm SR 3470 Extension (West Cultivator Way)	6/6/18
		0.04	Ferguson Way	
Johnston	51692	0.24	Saylor's Ridge Saylor Ridge Lane	5/22/18
Division 5				
Franklin	51693	0.22	Glen Oaks Glen Oaks Drive	7/2/18
Division 7				
Alamance	51694	0.19	Ashley's Ponds Saybrook Drive	6/14/18
		0.09	Ashley Pond Court	

NCDOT September 2018 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 7 (cont.)				
Rockingham	51695	0.26	Brookfield Northcrest Drive	6/26/18
		0.30	Brookfield Drive	
Division 10				
Mecklenburg	51696	0.10	Back Creek Downs Belmont Run Lane	3/13/18
		0.19	Wrangler Lane	
		0.26	Dapple Grey Lane	
Mecklenburg	51697	0.10	Hucks Landing Hucks Landing Drive	6/26/18
		0.35	Elementary View Drive	
		0.50	Barefoot Forest Drive	
		0.21	Goose Landing Drive	
		0.07	Tower Oak Drive	
		0.06	Bronze Leaf Way	
		0.12	Pond Valley Court	
		0.07	Clarkview Court	
Union	51698	0.21	The Oaks at Camden Camden Oaks Lane	7/3/18
		0.29	Scuffle Hill Drive	
		0.08	Shinoda Way	
		0.08	Cooling Stone Lane	
		0.19	Water Way Drive	
Union	51699	0.50	Tuscany SR 3898 Extension (Maderia Circle)	6/9/18
		0.48	Sutter Creek Drive	
		0.07	Paisano Lane	
		0.25	Sequoia Lane	

NCDOT September 2018 Board of Transportation Agenda

Abandonments from the State Highway System:

County	Pet. No.	Length Abandoned (Miles)	Description	Date of Report
Division 5				
Wake	51700	0.38	SR 4010 (Bengal Boulevard)	8/15/18
Division 6				
Cumberland	51701	0.15	SR 2084 (Old Carvers Falls Road)	6/20/18

Summary: **Number of roads petitioned for addition – 42**
Number of roads petitioned for abandonment - 2

Minutes Corrections:

County	Requested Action
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No corrections this month.

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

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

County	Description	Type	Amount
Div 2 Carteret	Town of Cedar Point – Install right turn lane, consolidate 2 driveways and install traffic signals at/near the intersection of NC-24 and Masonic Ave WBS 49033	Contingency <hr/> TOTAL	\$500,000.00 <hr/> \$500,000.00
Div 7 Alamance	City of Burlington – Develop the ROW, Roadway, and Hydraulic plans for the extension of SR 1446 (Rockwood Ave) from the existing end of maintenance to NC-87 in Glen Raven WBS 48172	Contingency <hr/> TOTAL	\$500,000.00 <hr/> \$500,000.00
Div 7 Caswell	Town of Yanceyville – Grade, drain, base, and pave 0.20 miles of Quail Meadows Rd for addition to state system WBS 48277	Contingency <hr/> TOTAL	\$230,000.00 <hr/> \$230,000.00
Div 7 Orange	City of Chapel Hill and Town of Carrboro – Remove and replace existing curb & gutter and sidewalk, add pedestrian signals, concrete island, and signal modifications on SR 1010 (E Main St / W Franklin St) from Brewer Ln to Graham St WBS 48283	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 10 Union	WBS 44720.3.1 was established (02/16) to widen SR 1315 (New Town Rd) to construct a left turn lane on to SR 1321 (Cuthbertson Rd) and upgrade existing traffic signal to accommodate new alignment Increase funds	Contingency <hr/> TOTAL	\$250,000.00 <hr/> \$250,000.00
Div 14 Graham	Town of Robbinsville – Install a trench drain between Hosanna St and Snider Hill St and pipe across S Main St to existing box WBS 48279	Small Construction <hr/> TOTAL	\$72,149.00 <hr/> \$72,149.00

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

County	Description	Type	Amount
Div 17 N/A	WBS 44604 was established (12/15) for planning for study of multi-state highway project, per HB 97, on Carolina Bays Parkway in Brunswick County; SB 99 provides additional funds to complete the Avoidance and Minimization stage of the NEPA process Increase funds	Econ Development	\$2,150,000.00
		<u>TOTAL</u>	<u>\$2,150,000.00</u>

Summary:	Number of Divisions	4
	Number of Projects	7
	Small Construction Commitment	\$72,149.00
	Public Access Commitment	\$0.00
	Contingency Commitment	\$1,730,000.00
	Economic Development Commitment	\$2,150,000.00
	High Impact/Low Cost Commitment	\$0.00
	TOTAL	\$3,952,149.00

NCDOT September 2018 Board of Transportation Agenda

Public Transportation Program

County/ Division	5311	Estimated Cost
		Capital
		\$0 Total
		\$0 Federal
7	<p>19-AD-032 Swain County Focal Point Capital project grant was approved March 2018 as an 80/5/15 allocation, should have been 80/10/10 allocation. The difference is reflected showing an increase in State portion and decrease in Local match. Total project is \$212,400.</p>	<p>\$10,620 State (\$10,620) Local</p>
		Administrative
		\$0 Total
9	<p>19-CT-026 Davidson County Transportation Administrative project was approved March 2018 without a State Match (95/0/15), the allocation should have been 90/5/15. The difference is reflected showing an increase in state match and decrease in Federal funding. Total project is \$229,745.</p>	<p>(\$11,487) Federal \$11,487 State \$0 Local</p>

Item I-1: Total Amended Projects 2: Total Federal and State \$10,620

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)
TG-5261	Western Piedmont Regional Transit Authority	Preventive Maintenance	FUZ	STBGDA		334								
			L	Local		83								
TA-6707	Western Piedmont Regional Transit Authority	Replacement Van	FUZ	5307		336	336	336	336	336	336	336		
			L	Local		84	84	84	84	84	84	84		
TA-6708	Western Piedmont Regional Transit Authority	Replacement Bus	FUZ	5307		360	720	360	360					
			L	Local		90	90	90	90					
TA-6709	Western Piedmont Regional Transit Authority	Replacement Bus Light Transit Vehicle	FUZ	5307		448	448	448	448	448	448	448		
			L	Local		112	112	112	112	112	112	112		
TG-6798	Western Piedmont Regional Transit Authority	Mobility Manager	FUZ	5307		126	126	126	126	126	126	126		
			L	Local		32	32	32	32	32	32	32		
TG-6799	Western Piedmont Regional Transit Authority	Preventive Maintenance	FUZ	5307		400	400	400	480	480	480	480		
			L	Local		100	100	100	120	120	120	120		

TG-6800	Western Piedmont Regional Transit Authority	Routine Capital - Bus Stop Shelters, Benches, Shop Equipment, Spare Parts, Engines, Farebox, Service Vehicles, Computer Hardware and Software, AVL Software, etc.	FUZ	5307		120	120	120	200	200	200	200		
			L	Local		30	30	30	40	40	40	40		
TO-6162	Western Piedmont Regional Transit Authority	Operating Assistance	FUZ	5307		1500	1500	1500	1600	1600	1700	1700		
			L	Local		1500	1500	1500	1600	1600	1700	1700		
TG-6801	Western Piedmont Regional Transit Authority	Operating Assistance - ADA Paratransit	FUZ	5307		160	160	160	180	180	200	200		
			L	Local		40	40	40	45	45	50	50		
TS-7002	Western Piedmont Regional Transit Authority	Safety and Security	FUZ	5307		24	24	24	26	26	28	28		
			Local	L		6	6	6	7	7	8	8		
TP-5157	Western Piedmont Regional Transit Authority	Planning Assistance	FUZ	5307		40	48	48	48	56	56	56		
			L	Local		10	12	12	12	14	14	14		

TQ-9039	Western Piedmont Regional Transit Authority	Capital Purchase of Service	FEDP	5310		120	160	160	160	160	160	160		
			L	Local		30	50	50	50	50	50	50		
TL-1000	Western Piedmont Regional Transit Authority	Program Administration	FEDP	5310		30	30	30	30	30	30	30		
TG-6802	Western Piedmont Regional Transit Authority	Operating Assistance-ADA Paratransit	FEDP	5310		40	40	40	40	40	40	40		
			L	Local		10	10	10	10	10	10	10		
TQ-9040	Western Piedmont Regional Transit Authority	Mobility Manager	FEDP	5310		40	40	40	40	40	40	40		
			L	Local		10	10	10	10	10	10	10		
TA-6705	Piedmont Authority for Regional Transportation	Replacement Vans	STPDA	5307		200								
			Local	L		50								

Administrative 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)
TC-5101	Western Piedmont Regional Transit Authority	Mobility Manager	FUZ	5307		128								
			L	Local		31								

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								

Item I-1A, (19) Projects, Total Federal and State funds \$28,191,000

NCDOT September 2018 Board of Transportation Agenda

Town/County Division	Rail Program Project Description	Estimated Cost
Statewide 80000.1.2.1	The Rail Division requests additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for Track & Infrastructure Program Management. This program management includes administration and engineering for track improvements. FRRCSI ID: F19199	\$200,000
Statewide 80000.3.2.1	The Rail Division requests additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for Grant & Agreement Program Management. This program management includes administration, agreement development, and inspections for track and rail access improvements. FRRCSI ID: F19399	\$400,000
Division 1 Northampton, Bertie, & Hertford Counties 80000.1.4.58	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the replacement of track on the North Carolina & Virginia Railroad (NCVA) to improve safety and operating efficiency. NCVA will be responsible for the construction. The total cost of the project is \$1,267,200. The total estimated cost to the Department is \$640,000. FRRCSI ID: F19101	\$640,000
Division 1 Pasquotank, Camden & Currituck Counties 80000.1.4.57	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for bridge upgrades, crosstie replacement, and track surfacing on the Chesapeake & Albemarle Railroad (CA). CA will be responsible for the construction of the project. The total cost of the project is \$827,500. The total estimated cost to the Department is \$420,000. FRRCSI ID: F19100	\$420,000
Division 1 Perquimans County 80000.2.3.100	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade crossing by installing a rail seal surface to replace the existing surface on the Chesapeake & Albemarle Road (CA). The crossing to be improved is number 465 298A (SR 1101 - Bear Swamp Road). CA will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$28,000. FRRCSI ID: F19203	\$28,000

<p>Divisions 2 & 4 Beaufort and Wilson Counties 80000.1.4.59</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for cross tie replacement, subgrade upgrades, along with supporting signal work on the Carolina Coastal Railway (CLNA). CLNA will be responsible for the construction of the project. The total cost of the project is \$1,285,025. The total estimated cost to the Department is \$650,000. FRRCSI ID: F19102</p>	<p>\$650,000</p>
<p>Division 3 New Hanover County 80000.1.4.60</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the upgrade of the Myers Street highway-railroad at-grade crossing and turnout replacement to improve operating efficiency on the Wilmington Terminal Railroad (WTRY). WTRY will be responsible for the construction of the project. The total estimated cost of the project is \$410,000. The total estimated cost to the Department is \$210,000. FRRCSI ID: F19103</p>	<p>\$210,000</p>
<p>Divisions 1, 2, 4, 5 Washington, Beaufort, Pitt, Wilson, Wilson, Nash, & Wake Counties 80000.2.3.101</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of fourteen at-grade crossings by installing rail seal surfaces to replace the existing surfaces on the Coastal Carolina Railway (CLNA). The crossings to be improved are; number 466 203T (SR 1335 - Wilson Street), number 466 137A (SR 1523 - Mill Hole Road), number 465 475C (SR 1758 - Queen Street), number 466 155F (SR 1303 - Brick Kiln Road), number 465 602B (SR 1163 - Goldsboro Street), number 465 574A (SR 1539 - Sand Pit Road), number 465 584F (SR 1626 - Fairfield Dairy Road), number 465 633A (SR 1105 - Peele Street), number 465 668B (SR 2563 - Industrial Drive), number 465 645U (NC 39), number 465 656G (SR 2353 - Morphus Bridge), number 465 675L (SR 2501 - Knightdale Eagle Rock Road) and number 466 161J (SR 1313 - Asbury Church Road). CLNA will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$435,000. FRRCSI ID: F19204</p>	<p>\$435,000</p>
<p>Division 6 Columbus County 80000.2.3.106</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of two at-grade crossings by installing rail seal surfaces to replace the existing surfaces on the RJ Corman Carolina Lines (RJCS). The crossings to be improved are; number 629 473V (SR 1400 - Stone Company Road) and number 629 397E (SR 1306 - New Warehouse Road). RJCS will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$47,500. FRRCSI ID: F19209</p>	<p>\$47,500</p>

Division 6 Columbus County 80000.1.4.61	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the reestablishment of service to an industrial park in Whiteville on the RJ Corman Carolina Lines (RJCS). RJCS will be responsible for construction of the project. The total cost of the project is \$623,080. The total estimated cost to the Department is \$320,000. FRRCSI ID: F19104	\$320,000
Division 6 Robeson County 80000.2.3.107	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvements of two at-grade crossings by installing rail seal surfaces to replace the existing surfaces on the Red Springs and Northern Railroad (RSNR). The crossings to be improved are; number 629 425H (NC 71 - Main Street) and number 629 418V (SR 1709 - Chason Road). RSNR will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$124,000. FRRCSI ID: F19210	\$124,000
Division 8 Lee County 80000.1.4.63	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for track and surface replacement to crossing number 630 743N (Weller Street) on the Atlantic & Western Railway (ATW). ATW will be responsible for the construction of the project. The total cost of the project is \$1,030,480. The total estimated cost to the Department is \$530,000. FRRCSI ID: F19106	\$530,000
Division 8 Scotland County 80000.1.4.62	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the upgrade of track and switches and crossing surfaces at 12 locations within Laurinburg and East Laurinburg on the Laurinburg & Southern Railroad (LRS). LRS will be responsible for the construction of the project. The total cost of the project is \$915,614. The total estimated cost to the Department is \$660,000. FRRCSI ID:F19105	\$660,000

Division 8 Scotland & Hoke Counties 80000.2.3.105	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of four at-grade crossings by installing rail seal surfaces to replace the existing surfaces on the Laurinburg & Southern Railroad (LRS). The crossings to be improved are; number 852 570P (SR 1423 - McNair Road, number 852 688E (SR 1130 - Bethel Road), number 852 577M (SR 1406 - Wooley Road) and number 852 546N (SR 1614 - Barnes Bridge Road). LRS will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$103,000. FRRCSI ID: F19208	\$103,000
Divisions 8 & 10 Montgomery, Moore, Stanly & Cabarrus Counties 80000.1.4.64	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for track replacement and the installation of switch timber packages and headblock ties on the Aberdeen Carolina & Western Railway (ACWR). ACWR will be responsible for the construction of the project. The total cost of the project is \$1,343,370. The total estimated cost to the Department is \$680,000. FRRCSI ID: F19107	\$680,000
Divisions 8 & 10 Montgomery, Moore, Stanly, Mecklenburg Counties 80000.2.3.97	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of eight at-grade crossings by installing rail seal surfaces to replace the existing surfaces on the Aberdeen Carolina & Western Railway (ACWR). The crossings to be improved are; number 466 250B (SR 1508 - Nirrus Farm Road), number 466035P (SR 1376 - Airport Road), number 466 223E (SR 1557 - Cedar Creek Road), number 465 758A (SR 1302 - Knox Lane), number 722 511E (SR 1161 - Arnette Street), number 726 820F (SR 3100 - Coble Road), number 728 851L (SR 2001 - Old Aquadale Road), and number 728 825W (NC 200 - Stanly Street). ACWR will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$220,000. FRRCSI ID: F19200	\$220,000
Division 9 & 11 Surry, Stokes, Wilkes, & Forsyth Counties 80000.1.4.65	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the replacement of track, surface, ballast, and cross ties on the Yadkin Valley Railroad (YVRR). YVRR will be responsible for the construction of the project. The total cost of the project is \$1,499,760. The total estimated cost to the Department is \$760,000. FRRCSI ID: F19108	\$760,000

<p>Division 11 Catawba County 80000.2.3.103</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade crossing by installing a rail seal surface to replace the existing surface on the Caldwell County Railroad (CWCY). The crossing to be improved is number 736 253T (SR 1314 - Old Lenior Road). CWCY will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$47,500. FRRCSI ID: F19206</p>	<p>\$47,500</p>
<p>Division 11 Surry County 80000.2.3.108</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade crossing by installing a rail seal surface to replace the existing surface on the Yadkin Valley Railroad (YVRR). The crossing to be improved is number 721 843V (SR 1118 - Greenwood Circle). YVRR will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$31,000. FRRCSI ID: F19211</p>	<p>\$31,000</p>
<p>Division 12 Alexander, Iredell Counties 80000.1.4.67</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the replacement of cross ties and surfacing on the Alexander Railroad (ARC). Funds to also include timbering and surfacing improvements on the track across I-40 in Statesville. ARC will be responsible for the construction of the project. The total cost of the project is \$690,070. The total estimated cost to the Department is \$360,000. FRRCSI ID: F19110</p>	<p>\$360,000</p>
<p>Division 12 Iredell County 80000.2.3.98</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of one at-grade crossing by installing a rail seal surface to replace the existing surface on the Alexander Railroad (ARC). The crossing to be improved is number 865 762U (Walker Road). ARC will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$28,000. FRRCSI ID: F19201</p>	<p>\$28,000</p>
<p>Division 12 Gaston County 80000.1.4.66</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for cross tie replacement for the entire main line and the Belmont Spur on the Piedmont & Northern Railroad (PNRW). PNRW will be responsible for construction of the project. The total cost of the project is \$596,676. The total estimated cost to the Department is \$310,000. FRRCSI ID: F19109</p>	<p>\$310,000</p>

<p>Divisions 11, 12 & 13 Burke, Caldwell & Catawba Counties 80000.1.4.68</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the replacement of a turnout, cross ties, and switch ties on the Caldwell County Railroad (CWCY). CWCY will be responsible for the construction of the project. The total estimated cost of the project is \$104,800. The total estimated cost to the Department is \$60,000. FRRCSI ID: F19111</p>	<p>\$60,000</p>
<p>Divisions 13 & 14 Buncombe, Haywood, Jackson Counties 80000.2.3.99</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of six at-grade crossings by installing rail seal surfaces to replace the existing surfaces on the Blue Ridge Southern Railroad (BLU). The crossings to be improved are; number 720 622P (SR 3079 - Roberts Road), number 720 637E (SR 3541 - Buck Shoals Road), number 734 252E (SR 1432 - Skyland Drive), number 720 334V (SR 1525 Edwards - Cove Road), number 720 280S (SR 1701 - Cabin Flats), and number 720 271Y (SR 1777 - Balsam View). BLU will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$227,000. FRRCSI ID: F19202</p>	<p>\$227,000</p>
<p>Divisions 13 & 14 Buncombe, Haywood, Henderson & Jackson Counties 80000.1.4.69</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for bridge modernization, replacement of cross ties and surfacing to harden the railroad on the Blue Ridge Southern Railroad (BLU). BLU will be responsible for construction of the project. The total cost of the project is \$1,454,729. The total estimated cost to the Department is \$740,000. FRRCSI ID: F19112</p>	<p>\$740,000</p>
<p>Division 14 Haywood County 80000.2.3.102</p>	<p>The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of an at-grade crossing by installing a concrete tub surface to replace the existing surface on the Champion Paper Company (CMIZ) track. The crossing to be improved is number 902 742K (SR 1643 - Champion Drive). CMIZ will provide the necessary labor to install the materials. The Division will provide the traffic control. The total estimated cost to the Department is \$150,000. FRRCSI ID: F19205</p>	<p>\$150,000</p>

Division 14 Swain County 80000.2.3.104	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the improvement of two at-grade crossings by installing rail seal surfaces to replace the existing surfaces on the Great Smoky Mountains Railway (GSM). The crossings to be improved are; number 720 179T (SR 1379 - Dehart Cemetary) and number 720 178L (SR 1318 - Robinson Gap Road). GSM will provide the necessary labor to install the materials. The Division will provide the asphalt and traffic control. The total estimated cost to the Department is \$59,000. FRRCSI ID: F19207	\$59,000
Division 14 Jackson, Swain, Macon, Cherokee Counties 80000.1.4.70	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the replacement of rail, cross ties, modernize bridges, and return inactive rail to service on the Great Smoky Mountains Railway (GSM). GSM will be responsible for the construction of the project. The total cost of the project is \$1,421,468.50. The total estimated cost to the Department is \$720,000. FRRCSI ID: F19113	\$720,000

ITEM I-2 SUMMARY – 28 PROJECTS - (TOTAL FEDERAL AND STATE) \$9,160,000

NCDOT September 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 September 6, 2018 Board of Transportation meeting.	

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT September 2018 Board of Transportation Agenda

Aviation Program

**Division
Airport
County**

Project Description

Division 4
Mt. Olive Municipal
Airport
Wayne County

Update ALP, Exhibit A and 18B Survey – Grant Adjustment (36244.71.2.2)
This is a request for an additional \$44,237 in State Aid funding. [PR# 3395]

Division 8
Montgomery County
Airport
Montgomery County

Perimeter Fencing (36237.2.12.1)
This project includes the design of total perimeter fence, bid and construction of Phase I portion; which will include an 8' fence to provide security and safety per USDA wildlife recommendations. This is a Federal Nonprimary Entitlement project with local match provided via the Aviation Funding Safety Enhancement Program. [PR# 3258]

Division 9
Mid-Carolina
Regional Airport
Rowan County

Taxiway Rehabilitation
This project includes the rehabilitation of the full parallel taxiway and associated connecting taxiways. [PR# 3970]

Division 10
Charlotte Monroe
Executive
Union County

Land Acquisition Reimbursement
Reimbursement of land acquisition for property acquired for Airport Development. [PR# 3968]

ITEM I-4 SUMMARY – 4 PROJECTS – (TOTAL STATE and FEDERAL COST) \$2,390,000.

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

September 6, 2018

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Bertie Co. Div. 1 B-5941 STATEWIDE/ REGIONAL	WBS 46480.3.1 Bridge # 7 over Roanoke River on NC 45/ NC 308. \$2,850,000.00 has previously been approved for construction. Additional funds are requested to cover the initial bid quantity and to cover expenditures that have exceeded the previously authorized budget. Additional funds are requested using Regional tier funding.	\$1,400,000.00
Dare Co. Div. 1 R-5738 DIVISION	WBS 50196.1.1 SR 1208 (West Kitty Hawk Road) from SR 1210 (Bob Perry Road) to Ivy Lane. \$299,450.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$140,000.00
Northampton Co. Div. 1 R-5739 DIVISION	WBS 50197.1.1 NC 46 from NC 48 in Gaston to the Virginia state line. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$185,000.00
Perquimans Co. Div. 1 R-5806 DIVISION	WBS 46966.1.1 SR 1336 (Harvey Point Road) from US 17 to Churches Lane. \$50,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$135,000.00
Craven Co. Div. 2 U-5993 REGIONAL	WBS 47113.2.1 NC 55 (Neuse Boulevard) at US 17 Business (MLK). Initial funds are requested for full right of way and utilities.	\$250,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 U-5785 DIVISION	WBS 44357.2.1 SR 1708 (Firetower Road) from NC 43 (Charles Boulevard) to SR 1704 (Fourteenth Street). Initial funds are requested for full right of way. This is a Cash Flow project with \$8,500,000.00 in SFY 19 and \$8,500,000.00 in SFY 20	\$17,000,000.00
Greenville/ Pitt Co. Div. 2 U-5870 DIVISION	WBS 54046.2.1 SR 1708 (Firetower Road) from SR 1704 (Fourteenth Street) to NC 33 (East 10th Street) in Greenville. Initial funds are requested for full right of way. This is a Cash Flow project with \$5,750,000.00 in SFY 19 and \$5,750,000.00 in SFY 20.	\$11,500,000.00
Greenville/ Pitt Co. Div. 2 U-5870 DIVISION	WBS 54046.1.2 SR 1708 (Firetower Road) from SR 1704 (Fourteenth Street) to NC 33 (East 10th Street) in Greenville. Initial funds are requested for preliminary engineering.	\$1,450,000.00
New Hanover/ Pender Cos. Div. 3 R-3300A REGIONAL	WBS 40237.1.3 US 17 Hampstead Bypass from US 17 Bypass south of Hampstead to NC 210. \$1,205,000.00 has previously been approved for preliminary engineering. Additional funds are requested for additional design.	\$3,200,000.00
Onslow Co. Div. 3 U-4007E STATEWIDE	WBS 35008.3.8 US 17 at NC 53 (Western Boulevard) and SR 1406 (Piney Green Road). Initial funds are requested for full right of way and utilities.	\$1,910,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Onslow Co. Div. 3 U-5719 STATEWIDE	WBS 50117.3.1 US 258 (Richlands Highway) at SR 1219 (Blue Creek Road)/ SR 1396 (Ridge Road). \$1,350,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$290,000.00
Onslow Co. Div. 3 U-5736 REGIONAL	WBS 54026.2.1 NC 53 (Western Boulevard) from US 17 (Marine Boulevard) to NC 24 (Lejuene Boulevard). Initial funds are requested for full right of way and utilities. This is a Cash Flow project with \$3,080,000.00 in SFY 19 and \$3,080,000.00 in SFY 20.	\$6,160,000.00
Statewide Div. 3 M-0488C REGIONAL	WBS 46404.1.15 Hampstead Bypass - Map Act Lawsuit. \$410,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$200,000.00
Edgecombe Co. Div. 4 U-4424 DIVISION	WBS 39062.1.2 NC 111 (Wilson Street) from US 64 Alternate (Western Boulevard) to NC 122 (McNair Road). \$50,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$265,000.00
Halifax Co. Div. 4 U-5725 DIVISION	WBS 50162.3.1 NC 125 from I-95 to Old Farm Road (Combined with R-3822: New route from NC 125 to south of US 158.). Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published August 2, 2018. This is a Cash Flow project with \$8,966,666.66 in SFY 19, \$8,966,666.67 in SFY 20 and \$8,966,666.67 in SFY 21.	\$26,900,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Johnston Co. Div. 4 R-3825B DIVISION	WBS 34552.3.5 NC 42 from east of SR 1902 (Glen Laurel Road) to SR 1003 (Buffaloe Road). Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published August 2, 2018.	\$44,700,000.00
Johnston Co. Div. 4 R-5817 DIVISION	WBS 46989.3.1 NC 210 at SR 1162 (Black Creek Road). \$390,000.00 has previously been approved for construction. Additional funds are requested for construction due to the low bid adjustment.	\$201,713.00
Goldsboro/ Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.2.1 US 117 Alternate from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. \$2,997,000.00 has previously been approved for full right of way and utilities. Additional funds are requested for right of way acquisition and utility relocations.	\$2,500,000.00
Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.1.2 US 117 Alternate from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. \$1,300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$220,000.00
Wake Co. Div. 5 P-5602Q STATEWIDE	WBS 46393.1.18 Extend Edwards Mill Road to Wolf Wood Drive and provide grade separation at railroad crossing. \$150,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$89,563.31). WBS will be closed.	-\$89,563.31

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 P-5602R STATEWIDE	WBS 46393.1.19 Close Beryl Road railroad crossing and add new connector from Beryl Road to Royal Street and improve Royal Street railroad. \$50,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$17,455.75). WBS will be closed.	-\$17,455.75
Wake Co. Div. 5 R-2635D STATEWIDE	WBS 35520.3.S5 NC 540 (Triangle Expressway) Interchange with SR 1153 (Holly Springs/Apex Road). \$22,372,578.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$125,000.00
Wake Co. Div. 5 R-5705C REGIONAL	WBS 46377.1.4 NC 55 south of SR 2791 (Kennebec Church Road) to SR 4809 (Jicarilla Lane). \$760,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$757,050.97) due to break C is not now funded in the STIP. WBS will be closed.	-\$757,050.97
Wake Co. Div. 5 U-5301 STATEWIDE	WBS 47018.1.6 US 64 from west of SR 1306 (Laura Duncan Road) to US 1. Initial funds are requested for advanced property / utility relocation studies.	\$25,000.00
Wake Co. Div. 5 U-5827 DIVISION	WBS 44400.1.1 SR 1632 (Louis Stephens Drive) from Poplar Pike Lane in Morrisville to SR 2123 (Little Drive) in Research Triangle Park. \$518,519.00 has previously been approved for preliminary engineering. Additional funds are requested to cover final survey costs and final plans.	\$400,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Warren/ Franklin/ Vance/ Wake Cos. Div. 5 P-5602X STATEWIDE	WBS 46393.1.25 Statewide Rail preliminary engineering. Initial funds are requested for preliminary engineering.	\$200,000.00
Alamance/ Cabarrus/ Davidson/ Durham/ Guilford/ Mecklenburg/ Orange/ Randolph/ Rowan/ Wake Co. Divs. (5,7,8,9,10) P-5719C REGIONAL	WBS 46931.3.4 North Carolina Railroad purchase and refurbishment of 8 passenger rail cars. Initial funds are requested for construction. This is a Cash Flow project with \$11,880,000.00 in SFY 19, \$11,880,000.00 in SFY 20 and \$11,880,000.00 in SFY 21.	\$35,640,000.00
Cumberland Co. Div. 6 I-5986A STATEWIDE	WBS 47532.1.2 I-95 from I-95 Business (Exit 56) to SR 1811 (Bud Hawkins Road – Exit 70). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$330,000.00
Cumberland Co. Div. 6 U-5742 REGIONAL	WBS 50164.3.1 Fayetteville computerized traffic signal system. \$5,770,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$890,000.00
Statewide Div. 6 M-0488E STATEWIDE	WBS 46404.1.5 I-295, Fayetteville Outer Loop - Map Act Lawsuit. \$1,030,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$865,000.00

**NCDOT September 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mebane/ Alamance Co. Div. 7 U-3109A REGIONAL	WBS 34900.2.6 NC 119 relocation from I-40 / I-85 to north of SR 1921 (Mebane Rogers Road/Stage Coach Road) \$2,567,000.00 has previously been approved for utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$315,000.00
Alamance Co. Div. 7 U-5752 REGIONAL	WBS 51077.1.1 US 70 (S. Church Street) at St. Marks Church Road in Burlington. \$362,870.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$225,000.00
Alamance Co. Div. 7 U-5843 DIVISION	WBS 50233.2.1 US 70 (Church Street) at SR 1817 (Graham-Hopedale Road) in Burlington. Intersection improvements. \$225,000.00 has previously been approved for full right of way and utilities. Additional funds are requested to acquire right of way and utility relocation.	\$870,000.00
Alamance Co. Div. 7 U-5843 DIVISION	WBS 50233.1.1 US 70 (Church Street) at SR 1817 (Graham-Hopedale Road) in Burlington. Intersection improvements. \$407,671.00 has previously been approved for preliminary engineering. Additional funds are requested to cover supplemental agreements.	\$195,000.00
Orange Co. Div. 7 U-5846 DIVISION	WBS 50236.2.1 SR 1772 (Greensboro Street) at SR 1780 (Estes Drive) in Carrboro. \$585,000.00 has previously been approved for full right of way and utilities. Additional funds are requested to acquire right of way and utility relocation.	\$150,000.00

**NCDOT September 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Orange Co. Div. 7 U-5846 DIVISION	WBS 50236.1.1 SR 1772 (Greensboro Street) at SR 1780 (Estes Drive) in Carrboro. \$250,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$250,000.00
Orange Co. Div. 7 U-5854 DIVISION	WBS 46382.1.1 SR 1008 (Mt. Carmel Church Road) at SR 1913 (Bennet Road) in Chapel Hill. Construct roundabout. \$261,141.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$120,000.00
Rockingham Co. Div. 7 R-5704 REGIONAL	WBS 46376.1.1 NC 87 - SR 1998 (Wentworth Street) / SR 1001 (Sandy Cross Road). \$250,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$190,000.00
Rockingham Co. Div. 7 R-5704 REGIONAL	WBS 46376.2.1 NC 87 - SR 1998 (Wentworth Street) / SR 1001 (Sandy Cross Road). \$150,000.00 has previously been approved for full right of way and utilities. Additional funds are requested to acquire right of way and utility relocation.	\$260,000.00
Lee Co. Div. 8 AV-5762 DIVISION	WBS 46356.3.1 Raleigh Executive Sanford - Lee County Airport (TTA). Construct apron expansion and widen taxiway from 35 to 60 feet. \$3,466,000.00 has previously been approved for construction. Additional funds are requested for permit requirements.	\$530,000.00

**NCDOT September 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Randolph Co. Div. 8 P-5602H STATEWIDE	WBS 46393.1.8 Construct a new siding at Sophia to move cars out to High Point yard. \$50,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$26,742.58). WBS will be closed.	-\$26,742.58
Randolph Co. Div. 8 U-5758 REGIONAL	WBS 50172.3.1 US 220 Business (Fayetteville Street) at the intersection of US 220 Business and Presnell Street in Asheboro. \$564,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$255,000.00
Richmond Co. Div. 8 R-2231A STATEWIDE	WBS 34398.3.8 US 220 Bypass from south of SR 1448 (McIntyre Road) to south of SR 1455 (Fire Tower Road). \$83,103,981.00 has previously been approved for construction. Additional funds are requested for legal costs. This project has previously been identified as a Trust Fund Intrastate System project.	\$1,505,895.00
Davidson Co. Div. 9 U-5757 REGIONAL	WBS 54035.1.1 NC 8 (Winston Road) from 9th Street to SR 1408 (Biesecker Road) in Lexington. \$311,120.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$160,000.00
Forsyth Co. Div. 9 I-5880 REGIONAL	WBS 53080.1.1 I-40/US 311 at NC 109 (Thomasville Road) /Clemmonsville Road split-diamond interchange in Winston-Salem. Upgrade interchange. \$335,000.00 has previously been approved for preliminary engineering. Additional funds are requested for surveys, planning and design.	\$1,500,000.00

**NCDOT September 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Forsyth Co. Div. 9 R-2247EA REGIONAL	WBS 34409.2.27 Winston-Salem Northern Beltway from NC 67 to south of US 52. \$800,000.00 has previously been approved for right of way. Additional funds are requested.	\$2,000,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579 STATEWIDE	WBS 34839.2.19 The Winston-Salem Northern Beltway (Eastern Section) from US 52 to US 311. \$1,200,000.00 has previously been approved for Map Act Appraisal & future acquisition of specific parcels for segments D, E and F. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$775,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579D STATEWIDE	WBS 34839.1.S4 Winston-Salem - Northern Beltway (Eastern Section) from US 311 to SR 2211 (Baux Mountain Road). \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$140,000.00
Clemmons/ Forsyth Co. Div. 9 U-2707 DIVISION	WBS 34845.3.3 SR 3000 (Idols Road) From SR 2999 (Hampton Road) to US 158 in Clemmons. \$12,607,345.00 has previously been approved for construction. Additional funds are requested for supplemental agreements.	\$800,000.00
Cabarrus Co. Div. 10 U-4910A DIVISION	WBS 40373.2.D1 SR 1445 (Derita Road) from SR 2894 (Concord Mills Boulevard) to Aviation Boulevard. \$1,799,987.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$150,000.00

**NCDOT September 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cabarrus Co. Div. 10 U-5806 DIVISION	WBS 44378.2.1 Intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 - Kings Grant Pavilion. \$1,530,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$585,000.00
Mecklenburg Co. Div. 10 C-5613H BONUS ALLOCATION	WBS 43735.1.17 Roundabout at intersection with sidewalk between Beatties Ford Road and Cushings Drive. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 R-2248G STATEWIDE	WBS 34410.3.32 I-485 Charlotte Outer Loop Interchange with SR 2042 (Oakdale Road). \$5,504,925.00 has previously been approved for construction. Funds need to be decreased (\$919,217.35). Project is complete. WBS will be closed.	-\$919,217.35
Mecklenburg Co. Div. 10 U-2509A STATEWIDE	WBS 38965.2.2 US 74 (Independence Boulevard) from Conference Drive to Sardis Road North. \$1,572,766.00 has previously been approved for specific parcels. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$125,000.00
Mecklenburg Co. Div. 10 U-5108 DIVISION	WBS 42370.1.1 Northcross Drive Extension from end of Northcross Drive to Westmoreland Road in Cornelius. \$730,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$110,000.00

**NCDOT September 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Huntersville/ Mecklenburg Co. Div. 10 U-5114 REGIONAL	WBS 42376.1.R2 Intersection of US 21 and Gilead Road. Construct intersection improvements, including bicycle and pedestrian accommodations. \$132,812.00 has previously been approved for preliminary engineering. Additional funds are requested for design. This is a Strategic Transportation Investments Transition project.	\$150,000.00
Mecklenburg Co. Div. 10 U-5762 REGIONAL	WBS 50175.2.1 NC 160 (Steele Creek Road) at intersection of NC 160 (Steele Creek Road) and SR 1106 (Hamilton Road). \$240,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$150,000.00
Mecklenburg Co. Div. 10 U-5804B DIVISION	WBS 44376.2.2 SR 3448 (South Trade Street) from Four Mile Creek to Weddington Road. \$268,027.00 has previously been approved for full right of way. Additional funds are requested to cover commitments.	\$110,000.00
Mecklenburg Co. Div. 10 U-5804B DIVISION	WBS 44376.3.2 SR 3448 (South Trade Street) from Four Mile Creek to Weddington Road. \$2,504,380.00 has previously been approved for construction. Additional funds are requested to cover commitments.	\$500,000.00
Mecklenburg Co. Div. 10 U-5873 BONUS ALLOCATION	WBS 46425.2.1 Intersection of NC 115 and Potts Street. Initial funds are requested for full right of way and utilities.	\$1,000,000.00

**NCDOT September 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-6084 REGIONAL	WBS 47618.3.1 NC 16 (Brookshire Boulevard) at SR 2004 (Mount Holly Huntersville Road). \$6,025,015.00 has previously been approved for construction. Additional funds are requested based on the latest estimate. This is a Cash Flow project with \$466,666.68 in SFY 19 and \$466,666.66 in SFY 20 and SFY 21.	\$1,400,000.00
Stanly Co. Div. 10 R-2530B REGIONAL	WBS 34446.2.6 NC 24 - 27 from Bird Road in Albemarle to west of the Pee Dee River. \$1,900,000.00 has previously been approved for utilities. Additional funds are requested for utility relocation.	\$6,000,000.00
Ashe Co. Div. 11 R-5832 DIVISION	WBS 47104.1.1 NC 88 from NC 88 to NC 194. \$435,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$115,000.00
Caldwell Co. Div. 11 U-6036 DIVISION	WBS 46971.1.1 SR 1109 (Pinewood Road) from US 321 to SR 1931 (Bert Huffman Road). \$50,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$145,000.00
Surry Co. Div. 11 R-5836 DIVISION	WBS 47106.1.1 US 601 from I-74 to SR 1104 (Cody Trail). \$250,000.00 has previously been approved for preliminary engineering. Additional funds are requested for additional planning and design.	\$3,100,000.00

**NCDOT September 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Watauga/ Avery Cos. Div. 11 R-2566BA DIVISION	WBS 37512.2.3 NC 105 - Construct new bridge over Watauga River and left-turn lane at SR 1112 (Broadstone Road) - within the limits of R-2566B. Initial funds are requested for full right of way and utilities.	\$100,000.00
Watauga Co. Div. 11 U-5603 REGIONAL/ DIVISION	WBS 45831.1.2 NC 105 from US 321 (Blowing Rock Road) to NC 105 Bypass. \$589,731.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. Additional funds are requested using Division tier funding.	\$135,000.00
Yadkin Co. Div. 11 R-5831 DIVISION	WBS 47103.1.1 US 601 (Carolina Avenue) and NC 67 (Main Street). \$50,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$155,000.00
Caldwell Co. Div. 11 U-4700A STATEWIDE	WBS 35993.1.13 US 321 from US 70 in Hickory to US 321A. Initial funds are requested for advanced property / utility relocation studies.	\$25,000.00
Cleveland Co. Div. 12 R-2707C STATEWIDE/ REGIONAL	WBS 34497.2.4 US 74 Bypass from west of NC 226 to west of NC 150. \$5,517,829.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. Additional funds are requested using Regional tier funding. This project has previously been identified as a Trust Fund Intrastate System project.	\$180,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Iredell Co. Div. 12 R-3833C DIVISION	WBS 34554.2.4 SR 1100 (Brawley School Road) from I-77 to US 21. Initial funds are requested for full right of way. This is a Cash Flow project with \$5,044,250.00 in SFY 19 and \$5,044,250.00 in SFY 20.	\$10,088,500.00
Iredell Co. Div. 12 R-3833C DIVISION	WBS 34554.2.5 SR 1100 (Brawley School Road) from I-77 to US 21. Initial funds are requested for utilities. This is a Cash Flow project with \$1,452,964.20 in SFY 19 and \$1,452,964.20 in SFY 20.	\$2,905,928.40
Statewide Div. 12 M-0488A REGIONAL	WBS 46404.1.14 Shelby Bypass - Map Act Lawsuit. \$725,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$130,000.00
Buncombe Co. Div. 13 U-5781 REGIONAL	WBS 44352.1.1 Intersection of US 25 (Merrimon Avenue) and Edgewood Road. \$167,064.00 has previously been approved for preliminary engineering. Additional funds are requested for final design.	\$500,000.00
Buncombe Co. Div. 13 U-5782 REGIONAL	WBS 44353.1.1 Intersection of US 25 (Merrimon Avenue) and W.T. Weaver Boulevard. \$138,285.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$130,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 U-5834 DIVISION	WBS 50226.2.1 SR 3116 (Mills Gap Road) from US 25 (Hendersonville Road) to SR 3157 (Weston Road). Initial funds are requested for full right of way. This is a Cash Flow project with \$6,163,759.33 in SFY 19, \$6,163,759.33 in SFY 20 and \$6,163,759.34 in SFY 21.	\$18,491,278.00
Buncombe Co. Div. 13 U-5834 DIVISION	WBS 50226.2.2 SR 3116 (Mills Gap Road) from US 25 (Hendersonville Road) to SR 3157 (Weston Road). Initial funds are requested for utilities. This is a Cash Flow project with \$1,121,568.67 in SFY 19, \$1,121,568.67 in SFY 20 and \$1,121,568.66 in SFY 21.	\$3,364,706.00
Burke Co. Div. 13 I-5009 REGIONAL	WBS 41824.1.1 I-40 and US 64 (Burkemont Road). \$545,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$130,000.00
Burke Co. Div. 13 I-5874 REGIONAL	WBS 53075.1.1 I-40 at SR 1142 (Jamestown Road) - Exit 100. \$444,375.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$285,000.00
Burke Co. Div. 13 I-5875 REGIONAL	WBS 53076.1.1 I-40 at SR 1712 (Drexel Road). \$400,000.00 has previously been approved for preliminary engineering. Additional funds are requested for final plan preparation.	\$900,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rutherford Co. Div. 13 U-5833 DIVISION	WBS 50225.1.1 SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. \$484,978.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$140,000.00
Cherokee Co. Div. 14 R-3622B REGIONAL	WBS 38068.2.R3 NC 294 from SR 1130 (Sunny Point Road) to SR 1312 (Bear Paw Road). \$1,984,378.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$120,000.00
Macon Co. Div. 14 R-5734A DIVISION	WBS 50192.3.1 US 23/ US 441 from US 64 to SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle) (combined with 17BP.14.R.154, replace bridge 314 on SR 1152 in Macon County). Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published August 2, 2018	\$6,200,000.00
Macon Co. Div. 14 R-5734A DIVISION	WBS 50192.2.1 US 23/ US 441 from US 64 to SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle). \$530,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$1,170,000.00
Macon Co. Div. 14 R-5734B REGIONAL	WBS 50192.1.2 US 23 / US 441 from SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle) to SR 1649 (Prentiss Bridge Road). \$425,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$120,000.00

**NCDOT September 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Polk Co. Div. 14 I-4729 REGIONAL/ DIVISION	WBS 34243.1.3 I-26/ US 74/ NC 108 interchange. \$2,300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$135,000.00
Statewide M-0360 STATEWIDE/ REGIONAL/ DIVISION	WBS 36824.1.2 Design Services, statewide, preliminary engineering for miscellaneous projects. \$3,760,000.00 has previously been approved for preliminary engineering. Additional funds are requested using 40% Statewide (\$800,000.00) / 30% Regional (\$600,000.00) / 30% Division (\$600,000.00) Tier funding.	\$2,000,000.00

*****Correction** and resubmission from August 2, 2018 Board Approval (Page K-9)
As reads:

Mecklenburg Co Div. 10 I-5507 STATEWIDE	WBS 43609.3.2 I-485 from I-77 to US 74 (Independence Boulevard). Initial funds are requested for construction. This is a Cash Flow project with \$161,450,000.00 in SFY 19 and SFY 20.	\$322,900,000.00
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***The correction should be:

Mecklenburg Co Div. 10 I-5507 STATEWIDE	WBS 43609.3.2 I-485 from I-77 to US 74 (Independence Boulevard). Initial funds are requested for construction. This is a Cash Flow project with \$16,144,000.00 in SFY 19, \$102,252,000.00 in SFY 20, \$102,252,000.00 in SFY 21 and \$102,252,000.00 in SFY 22.	\$322,900,000.00
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STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	16 PROJECTS	\$5,262,916.01
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	29 PROJECTS	\$63,222,949.03
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	35 PROJECTS	\$153,222,125.40
REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$270,000.00
STATEWIDE/REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$2,000,000.00
STATEWIDE/REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$1,580,000.00
BONUS ALLOCATION STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$1,010,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	87 PROJECTS	\$226,567,990.44

**NCDOT September 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
Pasquotank Co. Div. 1 SS-4901BI	WBS 48241.3.1 US 17 (North Road Street) at SR 1333 (Main Street). Initial Spot Safety construction funds are needed for left turn lane installation. File 01-17-48512C	\$189,000.00
Carteret Co. Div. 2 SM-5702A	WBS 48280.3.1 NC 24 between Croatan High School Drive and 200 feet east of Henderson Drive. Initial Spot Mobility construction funds are needed for flexible barrier installation and other delineation improvements. File 02-18-53498C	\$115,000.00
Carteret Co. Div. 2 SM-5702A	WBS 48280.1.1 NC 24 between Croatan High School Drive and 200 feet east of Henderson Drive. Initial Spot Mobility preliminary engineering funds are needed for flexible barrier installation and other delineation improvements. File 02-18-53498P	\$10,000.00
Greenville and Vanceboro/ Craven/ Pitt Cos. Div. 2 SS-4902CV	WBS 48243.3.1 NC 43 between NC 118/SR 1654 (Bailey Lane) in Craven County and SR 1729 (Bell Fork Road) in Pitt County. Initial Spot Safety construction funds are needed for pavement marking upgrades. File 02-18-51931C	\$270,000.00
Lenoir Co. Div. 2 SS-4902CW	WBS 48242.3.1 NC 11 at NC 55 and SR 1341 (Tyree Road). Initial Spot Safety construction funds are needed for traffic signal revisions. File 02-15-37560C	\$45,000.00

September 6, 2018

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

L-2

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Brunswick Co. Div. 3 SS-4903DS	WBS 48246.3.1 US 74/76 and NC 87 (Maco Road)/SR 1419 (Northwest Road NE). Initial Spot Safety construction funds are needed for traffic signal revisions. File 03-18-52621C	\$10,800.00
Wilmington/ New Hanover Co. Div. 3 SS-4903DQ	WBS 48244.3.1 US 117/NC 132 (College Road) at SR 1175 (Peachtree/Kerr Avenue). Initial Spot Safety construction funds are needed for traffic signal revisions. File 03-18-48238C	\$34,200.00
New Hanover Co. Div. 3 SS-4903DR	WBS 48245.3.1 SR 1318 (Blue Clay Road) and SR 1322 (North Kerr Avenue). Initial Spot Safety construction funds are needed for traffic signal revisions. File 03-18-51619C	\$35,100.00
Pender Co. Div. 3 SS-4903DT	WBS 48281.3.1 US 17 at SR 1533 (Shepards Road) and SR 1583 (Perkins Drive) and median opening approximately 2500 feet northwest of SR 1533. Initial Spot Safety construction funds are needed for flexible barrier installation. File 03-18-53712C	\$22,500.00
Tarboro/ Edgecombe Co. Div. 4 SS-4904EQ	WBS 48248.3.1 US 64 Alternate/NC 111 (Western Boulevard) at NC 111/SR 1350 (West Wilson Street). Initial Spot Safety construction funds are needed for traffic signal revisions. File 04-18-52126C	\$27,000.00

September 6, 2018

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

L-3

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Johnston Co. Div. 4 SM-5704A	WBS 48262.3.1 SR 1003 (Buffalo Road) and Neuse River Parkway at River Dell Elementary School. Initial Spot Mobility construction funds are needed to make school traffic flow improvements, sidewalk and crosswalk installations, and traffic signal installation with pedestrian heads. File 04-18-52644C	\$400,000.00
Nash Co. Div. 4 SS-4904ER	WBS 48247.3.1 NC 581 at SR 1306 (North Old Franklin Road). Initial Spot Safety construction funds are needed for intersection revisions to improve sight distance. File 04-18-52125C	\$162,000.00
Nash Co. Div. 4 SS-4904ER	WBS 48247.2.1 NC 581 at SR 1306 (North Old Franklin Road). Initial Spot Safety right of way and utilities funds are needed for intersection revisions to improve sight distance. File 04-18-52125R	\$132,300.00
Durham Co. Div. 5 SM-5705P	WBS 48265.3.1 SR 1632 (Red Mill Road) at I-85 Ramps. Initial Spot Mobility construction funds are needed for traffic signal installation. File 05-18-52586C	\$100,000.00
Durham Co. Div. 5 SM-5705P	WBS 48265.1.1 SR 1632 (Red Mill Road) at I-85 Ramps. Initial Spot Mobility preliminary engineering funds are needed for traffic signal installation. File 05-18-52586P	\$10,000.00

September 6, 2018

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

L-4

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Apex/ Wake Co. Div. 5 SM-5705O	WBS 48266.1.1 SR 1435 (Old Raleigh Road) at Apex Peakway. Initial Spot Mobility preliminary engineering funds are needed for right turn lane construction. File 05-18-52587P	\$85,000.00
Apex/ Wake Co. Div. 5 SM-5705O	WBS 48266.2.1 SR 1435 (Old Raleigh Road) at Apex Peakway. Initial Spot Mobility right of way and utilities funds are needed for right turn lane construction. File 05-18-52587R	\$110,000.00
Apex/ Wake Co. Div. 5 SM-5705O	WBS 48266.3.1 SR 1435 (Old Raleigh Road) at Apex Peakway. Initial Spot Mobility construction funds are needed for right turn lane construction. File 05-18-52587C	\$340,000.00
Apex/ Wake Co. Div. 5 SM-5705Q	WBS 48264.3.1 SR 1011/5878 (Salem Street) at US 64 WB off ramp. Initial Spot Mobility construction funds are needed for traffic signal installation. File 05-18-52568C	\$75,000.00
Apex/ Wake Co. Div. 5 SM-5705Q	WBS 48264.1.1 SR 1011/5878 (Salem Street) at US 64 WB off ramp. Initial Spot Mobility preliminary engineering funds are needed for traffic signal installation. File 05-18-52568P	\$5,000.00

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

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Garner/ Wake Co. Div. 5 SM-5705R	WBS 48267.2.1 SR 1006 (Old Stage Road) at SR 2711 (Vandora Springs Road). Initial Spot Mobility right of way and utilities funds are needed for right turn lane construction. File 05-18-52588R	\$40,000.00
Garner/ Wake Co. Div. 5 SM-5705R	WBS 48267.1.1 SR 1006 (Old Stage Road) at SR 2711 (Vandora Springs Road). Initial Spot Mobility preliminary engineering funds are needed for right turn lane construction. File 05-18-52588P	\$130,000.00
Garner/ Wake Co. Div. 5 SM-5705R	WBS 48267.3.1 SR 1006 (Old Stage Road) at SR 2711 (Vandora Springs Road). Initial Spot Mobility construction funds are needed for right turn lane construction. File 05-18-52588C	\$445,000.00
Fuquay Varina/ Wake Co. Div. 5 SM-5705S	WBS 48263.1.1 US 401 at SR 2768 (Judd Parkway). Initial Spot Mobility preliminary engineering funds are needed for widening and left turn lane construction. File 05-15-8122P	\$70,000.00
Fuquay Varina/ Wake Co. Div. 5 SM-5705S	WBS 48263.3.1 US 401 at SR 2768 (Judd Parkway). Initial Spot Mobility construction funds are needed for widening and left turn lane construction. File 05-15-8122C	\$435,000.00

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

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Fuquay Varina/ Wake Co. Div. 5 SM-5705S	WBS 48263.2.1 US 401 at SR 2768 (Judd Parkway). Initial Spot Mobility right of way and utilities funds are needed for widening and left turn lane construction. File 05-15-8122R	\$20,000.00
Columbus Co. Div. 6 SS-4906DV	WBS 48250.2.1 SR 1429 (Slippery Log Road/Old Pine Log Road) at SR 1005 (Peacock Road). Initial Spot Safety right of way and utilities funds are needed for All-Way Stop installation. File 06-18-52511R	\$1,800.00
Columbus Co. Div. 6 SS-4906DV	WBS 48250.3.1 SR 1429 (Slippery Log Road/Old Pine Log Road) at SR 1005 (Peacock). Initial Spot Safety construction funds are needed for All-Way Stop installation. File 06-18-52511C	\$6,300.00
Harnett Co. Div. 6 SS-4906DW	WBS 48249.3.1 US 401 at SR 2027 (Josey Williams Road / Horseshoe Bend Road). Initial Spot Safety construction funds are needed for actuated flasher installation. File 06-18-52505C	\$45,000.00
Harnett Co. Div. 6 SS-4906DW	WBS 48249.2.1 US 401 at SR 2027 (Josey Williams Road / Horseshoe Bend Road). Initial Spot Safety right of way and utilities funds are needed for actuated flasher installation. File 06-18-52505R	\$1,800.00

**NCDOT September 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
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According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Robeson Co. Div. 6 SS-4906DR	WBS 47928.3.1 NC 71 from NC 211 to SR 1752 (Rennert Road). \$119,700.00 in Spot Safety construction funds has previously been approved for milled rumble stripes installation. Additional funds are needed due to an increase in construction costs. File 06-18-51244-1	\$38,300.00
Robeson Co. Div. 6 SS-4906DU	WBS 48251.2.1 SR 1006 (Morgan J Road/Great Marsh Church Road) at SR 1752 (Rennert Road). Initial Spot Safety right of way and utilities funds are needed for All-Way Stop installation. File 06-18-52513R	\$1,800.00
Robeson Co. Div. 6 SS-4906DU	WBS 48251.3.1 SR 1006 (Morgan J Road/Great Marsh Church Road) at SR 1752 (Rennert Road). Initial Spot Safety construction funds are needed for All-Way Stop installation. File 06-18-52513C	\$6,300.00
High Point/ Guilford Co. Div. 7 SS-4907CF	WBS 48252.2.1 SR 1278 (University Parkway) at Davis Avenue in High Point. Initial Spot Safety right of way and utilities funds are needed for traffic signal installation. File 07-18-442R	\$67,500.00
High Point/ Guilford Co. Div. 7 SS-4907CF	WBS 48252.3.1 SR 1278 (University Parkway) at Davis Avenue in High Point. Initial Spot Safety construction funds are needed for traffic signal installation. File 07-18-442C	\$108,000.00

**NCDOT September 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
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**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Summerfield/ Guilford Co. Div. 7 SS-4907CH	WBS 48254.3.1 NC 150 at SR 4963 (Chesterbrooke Drive). Initial Spot Safety construction funds are needed for left turn lane construction. File 07-18-606C	\$207,000.00
Summerfield/ Guilford Co. Div. 7 SS-4907CH	WBS 48254.2.1 NC 150 at SR 4963 (Chesterbrooke Drive). Initial Spot Safety right of way and utilities funds are needed for left turn lane construction. File 07-18-606R	\$63,000.00
Reidsville/ Rockingham Co. Div. 7 SM-5707C	WBS 48268.2.1 SR 2670 (Scales Street) at SR 2687 (Harrison Street) in Reidsville. Initial Spot Mobility right of way and utilities funds are needed for traffic signal revisions. File 07-18-384R	\$115,000.00
Reidsville/ Rockingham Co. Div. 7 SM-5707C	WBS 48268.1.1 SR 2670 (Scales Street) at SR 2687 (Harrison Street) in Reidsville. Initial Spot Mobility preliminary engineering funds are needed for traffic signal revisions. File 07-18-384P	\$5,000.00
Reidsville/ Rockingham Co. Div. 7 SM-5707C	WBS 48268.3.1 SR 2670 (Scales Street) at SR 2687 (Harrison Street) in Reidsville. Initial Spot Mobility construction funds are needed for traffic signal revisions. File 07-18-384C	\$80,000.00

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**NCDOT September 2018 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
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According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rockingham Co. Div. 7 SS-4907CG	WBS 48253.3.1 US 158 at SR 2422 (Monroeton Road)/SR 2426 (Cunningham Mill Road) southwest of Reidsville. Initial Spot Safety construction funds are needed for traffic signal installation and sight distance improvements. File 07-18-598C	\$99,000.00
Rockingham Co. Div. 7 SS-4907CG	WBS 48253.2.1 US 158 at SR 2422 (Monroeton Road)/SR 2426 (Cunningham Mill Road) southwest of Reidsville. Initial Spot Safety right of way and utilities funds are needed for traffic signal installation and sight distance improvements. File 07-18-598R	\$36,000.00
Moore Co. Div. 8 SS-4908BW	WBS 48261.3.1 SR 1209 (Murdocksville Road) at SR 1216 (Juniper Lake Road). Initial Spot Safety construction funds are needed for All-Way Stop installation. File 08-18-52460C	\$9,000.00
Moore Co. Div. 8 SS-4908BY	WBS 48255.3.1 SR 1004 (Hoffman Road) at SR 1113 (Rose Ridge Road). Initial Spot Safety construction funds are needed for All-Way Stop and island installation with turning radius improvements. File 08-18-52591C	\$67,500.00
Randolph Co. Div. 8 SS-4908BX	WBS 48260.3.1 SR 2417 (Liberty Grove Road) at SR 2418 (Richland Church Road). Initial Spot Safety construction funds are needed for All-Way Stop installation. File 08-18-52446C	\$9,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston- Salem/ Forsyth Co. Div. 9 SS-4909CC	WBS 47829.3.1 US 158 (Reidsville Road) at SR 2377/Old Greensboro Road. \$144,000.00 in Spot Safety construction funds has previously been approved for traffic signal revisions and intersection improvements. Additional funds are needed due to an increase in construction costs. File 09-17-907-1	\$59,000.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910DJ	WBS 48257.2.1 US 29 (Wilkinson Boulevard) at Alleghany Street. Initial Spot Safety right of way and utilities funds are needed for traffic signal installation. File 10-18-207R	\$9,000.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910DJ	WBS 48257.3.1 US 29 (Wilkinson Boulevard) at Alleghany Street. Initial Spot Safety construction funds are needed for traffic signal installation. File 10-18-207C	\$31,500.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910DK	WBS 48256.3.1 SR 2540 (Graham Street) at SR 2621 (Equipment Drive) and SR 2480 (Sugar Creek Road) at SR 2619/SR2621 (Equipment Drive). Initial Spot Safety construction funds are needed for directional crossover median barrier installation. File 10-18-206C	\$29,700.00
Weddington/ Union Co. Div. 10 SS-4910DH	WBS 48163.2.1 SR 1344 (Weddington Matthews Road) at SR 1345 (Tilley Morris Road) in Weddington. \$15,000.00 in Spot Safety right of way and utilities funds has previously been approved for roundabout construction. This project was set up only as a 20% state match to allocated STPG-DA funds for the location. Transfer \$15,000 from SS-4910DH (48163.2.1) to U-6090 (47884.2.1) to cover the 20% state match needed, and then close 48163.2.1. File 10-17-205R	

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Gastonia/ Gaston Co. Div. 12 SM-5712D	WBS 48270.3.1 NC 279 between 100 feet north of Burtonwood Drive and 100 feet south of US 29/74. Initial Spot Mobility construction funds are needed for turn lane, median, pavement marking and traffic signal revisions. File 12-18-217C	\$150,000.00
Gastonia/ Gaston Co. Div. 12 SM-5712D	WBS 48270.1.1 NC 279 between 100 feet north of Burtonwood Drive and 100 feet south of US 29/74. Initial Spot Mobility preliminary engineering funds are needed for turn lane, median, pavement marking and traffic signal revisions. File 12-18-217P	\$25,000.00
Iredell Co. Div. 12 SM-5712C	WBS 48271.3.1 NC 3 (Coddle Creek Highway) and SR 1142 (Johnson Dairy Road). Initial Spot Mobility construction funds are needed for left turn lane construction and traffic signal installation. File 12-18-220C	\$450,000.00
Iredell Co. Div. 12 SM-5712C	WBS 48271.1.1 NC 3 (Coddle Creek Highway) and SR 1142 (Johnson Dairy Road). Initial Spot Mobility preliminary engineering funds are needed for left turn lane construction and traffic signal installation. File 12-18-220P	\$65,000.00
Iredell Co. Div. 12 SM-5712C	WBS 48271.2.1 NC 3 (Coddle Creek Highway) and SR 1142 (Johnson Dairy Road). Initial Spot Mobility right of way and utilities funds are needed for left turn lane construction and traffic signal installation. File 12-18-220R	\$205,000.00

**NCDOT September 2018 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Iredell Co. Div. 12 SM-5712C	WBS 48271.3.1 NC 3 (Coddle Creek Highway) and SR 1142 (Johnson Dairy Road). Initial Spot Safety construction funds are needed for left turn lane construction and traffic signal installation. File 12-18-215C	\$225,000.00
Iredell Co. Div. 12 SM-5712C	WBS 48271.1.1 NC 3 (Coddle Creek Highway) and SR 1142 (Johnson Dairy Road). Initial Spot Safety preliminary engineering funds are needed for left turn lane construction and traffic signal installation. File 12-18-215P	\$35,000.00
Iredell Co. Div. 12 SM-5712C	WBS 48271.2.1 NC 3 (Coddle Creek Highway) and SR 1142 (Johnson Dairy Road). Initial Spot Safety right of way and utilities funds are needed for left turn lane construction and traffic signal installation. File 12-18-215R	\$100,000.00
Buncombe Co. Div. 13 SM-5713F	WBS 48272.3.1 NC 251 at SR 1002 (Old Leicester Highway). Initial Spot Mobility construction funds are needed for traffic signal installation. File 13-18-206C	\$125,000.00
Buncombe Co. Div. 13 SM-5713F	WBS 48272.1.1 NC 251 at SR 1002 (Old Leicester Highway). Initial Spot Mobility preliminary engineering funds are needed for traffic signal installation. File 13-18-206P	\$10,000.00

**NCDOT September 2018 Board of Transportation Agenda
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According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 SM-5713F	WBS 48272.2.1 NC 251 at SR 1002 (Old Leicester Highway). Initial Spot Mobility right of way and utilities funds are needed for traffic signal installation. File 13-18-206R	\$5,000.00
Burke Co. Div. 13 SS-4913CV	WBS 48258.3.1 SR 1621 (Icard-Rhodhiss Road) from SR 1618 to SR 1611 near Icard. Initial Spot Safety construction funds are needed for guardrail installation. File 13-18-209C	\$317,700.00
Burke Co. Div. 13 SS-4913CV	WBS 48258.2.1 SR 1621 (Icard-Rhodhiss Road) from SR 1618 to SR 1611 near Icard. Initial Spot Safety right of way and utilities funds are needed for guardrail installation. File 13-18-209R	\$9,000.00
Transylvania Co. Div. 14 SS-4914DN	WBS 48259.3.1 SR 1536 (Cascade Lake Road) at SR 1591 (Staton Road) near Cedar Mountain. Initial Spot Safety construction funds are needed for intersection improvements including island installation with an additional Stop Sign. File 14-18-204C	\$45,000.00
Transylvania Co. Div. 14 SS-4914DN	WBS 48259.2.1 SR 1536 (Cascade Lake Road) at SR 1591 (Staton Road) near Cedar Mountain. Initial Spot Safety right of way and utilities funds are needed for intersection improvements including island installation with an additional Stop Sign. File 14-18-204R	\$1,800.00
ITEM L SUMMARY	65 PROJECTS	\$6,182,900.00

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

Division 1

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Perquimans Co. B-5606 DIVISION	45561.1.2, BRZ-1338(006) Replace Bridge #11 over Raccoon Creek on SR 1338. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

Rail Program

Northampton Co. Z-5700AA DIVISION	44803.1.28, RR-1314(008) Railway-Highway Grade Crossing Safety Project at SR 1314 (Pleasant Grove Road) and CSX Crossing #630 105C near Gumberry. Funds are needed for preliminary engineering.	\$31,500.00 Cost \$28,350.00 Fed. \$3,150.00 State
Northampton Co. Z-5700AB DIVISION	44803.1.29, RR-0186(003) Railway-Highway Grade Crossing Safety Project at NC 186 and CSX Crossing #630 089V near Margarettsville. Funds are needed for preliminary engineering.	\$32,000.00 Cost \$28,800.00 Fed. \$3,200.00 State

**NCDOT September 2018 Board of Transportation Agenda
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Division 2

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Jones Co. B-5994 DIVISION	48189.1.1, BRZ-1142(013) Replace Bridge #32 over Tuckahoe Swamp on SR 1142. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Pamlico Co. B-5995 DIVISION	48190.1.1, BRZ-1302(083) Replace Bridge #57 over Dawson Creek on SR 1302. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Pitt Co. B-4605 DIVISION	38430.1.3, BRZ-1777(007) Replace Bridge #5 over Chicod Creek on SR 1777. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

Safety

Pitt Co. W-5702M DIVISION	44848.1.13, HSIP-1711(006) SR 1711 (Worthington Road) at SR 1709 (Corey Road). Funds are needed for preliminary engineering.	\$175,000.00 Cost \$157,500.00 Fed. \$17,500.00 State
Pitt Co. W-5702N REGIONAL	44848.1.14, HSIP-0011(041) NC 11 at SR 1131 (Reedy Branch Road). Funds are needed for preliminary engineering.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
Pitt Co. W-5702O REGIONAL	44848.1.15, HSIP-0264(066) US 264 Alternate (Greenville Boulevard) at Mall Drive. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State

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

Division 2 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Beaufort Co. Z-5700BC DIVISION	44803.1.30, RR-1507(007) Railway-Highway Grade Crossing Safety Project at SR 1507 (Slatestone Road) and Norfolk Southern Crossing #466 170H near Washington. Funds are needed for preliminary engineering.	\$29,500.00 Cost \$26,550.00 Fed. \$2,950.00 State

Rural

Greene Co. R-5782G DIVISION	44912.3.8, TAP-0220(086) ADA ramps (Americans with Disabilities Act) various routes. Funds are needed to construct concrete curb ramps and retrofitting existing ramps.	\$66,000.00 Cost \$52,800.00 Fed. \$13,200.00 State
Lenoir Co. R-5782E DIVISION	44912.3.6, TAP-0220(092) ADA Ramps (Americans with Disabilities Act) various routes. Funds are needed to construct concrete curb ramps and retrofitting existing ramps.	\$212,000.00 Cost \$169,600.00 Fed. \$42,400.00 State
Lenoir Co. R-5782F DIVISION	44912.3.7, TAP-0220(093) ADA Ramps (Americans with Disabilities Act) various routes. Funds are needed to construct concrete curb ramps and retrofitting existing ramps.	\$716,000.00 Cost \$572,800.00 Fed. \$143,200.00 State

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Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Brunswick Co. U-4738 REGIONAL	40114.1.2, STPNHF-0017(150) Cape Fear crossing from US 17 to US 421 Independence Boulevard-Carolina Beach Road Intersection. \$2,647,358.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,368,801.00 Cost \$1,095,040.00 Fed. \$273,761.00 State
New Hanover Co. U-4434 DIVISION	37764.1.1, STPDA-1209(5) Independence Boulevard extension from Randall Parkway to Martin Luther King Jr. Parkway. \$4,125,750.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$12,500.00 Cost \$10,000.00 Fed. \$2,500.00 State
New Hanover Co. U-5534C DIVISION	44096.2.F4, STPDA-0332(045) Greenville Avenue from SR 1141 (Wrightsville Avenue) to Hinton Avenue in Wilmington. \$38,822.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$1,629.00 Cost \$1,303.00 Fed. \$326.00 Local

Bridge

Brunswick Co. B-4439 DIVISION	38366.1.2, BRZ-1342(005) Replace Bridge #100 over Muddy Branch on SR 1342. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
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**NCDOT September 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Brunswick Co. B-5996 DIVISION	48191.1.1, BRZ-1300(019) Replace Bridge #126 over Cawcaw Swamp on SR 1300. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Duplin Co. B-5641 DIVISION	45596.1.2, BRZ-1946(002) Replace Bridge #201 over Island Creek on SR 1946. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Sampson Co. B-5631 DIVISION	45586.1.1, BRZ-1620(004) Replace Bridge #169 over Big Juniper Run on SR 1620. \$100,009.56 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Sampson Co. B-5651 DIVISION	45606.1.2, BRZ-1706(005) Replace Bridge #214 over Kill Creek on SR 1706. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

Rural

Brunswick Co. R-5021 DIVISION	41582.2.2, STP-0211(021) NC 211 from SR 1500 (Midway Road) to NC 87. \$1,600,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$5,000,000.00 Cost \$4,000,000.00 Fed. \$1,000,000.00 State
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**NCDOT September 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wayne Co. U-5958 REGIONAL	45871.3.1, NHP-0070(206) US 70 at SR 1719 (Beston Road). Funds are needed for construction for intersection improvements.	\$1,170,000.00 Cost \$936,000.00 Fed. \$234,000.00 State

Bridge

Edgecombe Co. B-6002 DIVISION	48197.1.1, BRZ-1126(008) Replace Bridge #64 over Town Creek on SR 1126. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Johnston Co. B-5997 DIVISION	48192.1.1, BRZ-1399(001) Replace Bridge #277 over Polecat Branch on SR 1399. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Johnston Co. B-6001 DIVISION	48196.1.1, BRZ-1153(009) Replace Bridge #68 over Juniper Swamp on SR 1153. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Wayne Co. B-4844 DIVISION	38614.1.FD2, BRZ-1958(005) Replace Bridge #117 over Northeast Cape Fear River on SR 1958 and SR 1502. \$110,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Wilson Co. B-5998 DIVISION	48193.1.1, BRZ-1339(006) Replace Bridge #92 over Town Swamp on SR 1339. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

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

Division 4 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wilson Co. B-5999 DIVISION	48194.1.1, BRZ-1195(002) Replace Bridge #37 over branch of Little Buffalo Creek on SR 1195. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Wilson Co. B-6000 DIVISION	48195.1.1, BRZ-1400(011) Replace Bridge #96 over tributary to Town Creek on SR 1400. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

Rail Program

Johnston Co. Z-5700DA DIVISION	44803.3.19, RR-0412(007) Railway-Highway Grade Crossing Safety Project at Baker Street and CSX Crossing #629 722Y in Four Oaks. Funds are needed for construction to install grade crossing flashers and gates.	\$445,000.00 Cost \$400,500.00 Fed. \$44,500.00 State
Johnston Co. Z-5700DC DIVISION	44803.3.20, RR-1377(001) Railway-Highway Grade Crossing Safety Project at SR 1377 (Church Street) and CSX Crossing #629 724M in Four Oaks. Funds are needed for construction to install grade crossing flashers and gates.	\$450,000.00 Cost \$405,000.00 Fed. \$45,000.00 State
Johnston Co. Z-5700DD DIVISION	44803.3.21, RR-1162(009) Railway-Highway Grade Crossing Safety Project at SR 1162 (Main Street) and CSX Crossing #629 723F in Four Oaks. Funds are needed for construction to install grade crossing flashers and gates.	\$390,000.00 Cost \$351,000.00 Fed. \$39,000.00 State
Johnston Co. Z-5700DE DIVISION	44803.3.22, RR-1007(036) Railway-Highway Grade Crossing Safety Project at SR 1007 (Brogden Road) and CSX Crossing #629 965B in Smithfield. Funds are needed for construction to install grade crossing flashers and gates.	\$400,000.00 Cost \$360,000.00 Fed. \$40,000.00 State

**NCDOT September 2018 Board of Transportation Agenda
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Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. C-5604IB EXEMPT	43714.3.5, CMAQ-0503(033) White Oak Creek Greenway (MacArthur Section) improvements. Funds are needed to construct a greenway.	\$4,530,000.00 Cost \$2,038,500.00 Fed. \$2,491,500.00 Local
Wake Co. P-2918 EXEMPT	42801.3.F2, CMS-000S(781) Carolinian / Piedmont between Charlotte and Raleigh continued operation of 3rd daily frequency run. \$21,481,100.00 has previously been approved for this route. Additional funds are needed for continued operations.	\$5,157,684.00 Cost \$4,126,147.00 Fed. \$1,031,537.00 State

Urban

Wake Co. U-2719 STATEWIDE	35869.2.1, IMSNHS-0440(010) I-440 / US 1 south of SR 1313 (Walnut Street) to north of SR 1728 (Wade Avenue) in Raleigh. Funds are needed for full right of way and utilities.	\$79,143,000.00 Cost \$63,314,400.00 Fed. \$15,828,600.00 State
Wake Co. U-2719 STATEWIDE	35869.3.1, IMSNHS-0440(010) I-440 / US 1 south of SR 1313 (Walnut Street) to north of SR 1728 (Wade Avenue) (combined with: U-4437: NC 54 (Hillsborough Street) from SR 1664 / SR 3074 (Blue Ridge Road) in vicinity of NC Railroad (CSX Corporation and Norfolk Southern) in Raleigh). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published July 13, 2018. This is a three year cash flow project with \$107,500,000.00 in each of FY18, FY19, and FY20. This is a Design Build project.	\$322,500,000.00 Cost \$258,000,000.00 Fed. \$64,500,000.00 State

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Division 5 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Wake Co. U-4437 DIVISION	35868.2.4, STBG-054(031) NC 54 (Hillsborough Street) from SR 1664 / SR 3074 (Blue Ridge Road) in vicinity of NC Railroad (CSX Corporation and Norfolk Southern) in Raleigh. Funds are needed for full right of way and utilities.	\$14,714,000.00 \$11,771,200.00 \$2,942,800.00	Cost Fed. State
Wake Co. U-4437 DIVISION	35868.3.4, STBG-0054(031) NC 54 (Hillsborough Street) from SR 1664 / SR 3074 (Blue Ridge Road) in vicinity of NC Railroad (CSX Corporation and Norfolk Southern) in Raleigh (combined with: U-2719: I-440 south of SR 1313 (Walnut Street) to north of SR 1728 (Wade Avenue)). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published July 13, 2018. This is a Design Build project.	\$50,700,000.00 \$40,560,000.00 \$10,140,000.00	Cost Fed. State
Wake Co. U-5118BA DIVISION	42379.3.3, STPDA-0527(009) Ligon Mill Road widening from the Walmart Driveway south through the US 1A Intersection. Funds are needed for construction for road widening.	\$2,368,750.00 \$1,895,000.00 \$473,750.00	Cost Fed. Local
Wake Co. U-5118IC DIVISION	42379.1.38, STPGDA-0503(034) Cary Connected Vehicle Technology. Funds are needed for preliminary engineering.	\$5,000.00 \$4,000.00 \$1,000.00	Cost Fed. Local
Wake Co. U-5118OA DIVISION	42379.3.36, STPDA-0520(059) Person Street, Blount Street and Wake Forest Road in Raleigh. Funds are needed for construction to install bike lanes.	\$1,770,000.00 \$1,274,400.00 \$495,600.00	Cost Fed. Local

**NCDOT September 2018 Board of Transportation Agenda
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Division 5 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. U-5118OA DIVISION	42379.1.36, STPDA-0520(059) Person Street, Blount Street and Wake Forest Road in Raleigh. \$2,520.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$10,000.00 Cost \$7,200.00 Fed. \$2,800.00 Local
Wake Co. U-5317 DIVISION	45430.3.1, STPDA-0507(003) North Judd Parkway - NC 55 (North Broad Street) to NC 42 (West Academy Street) in Fuquay-Varina. Funds are needed to construct a multilane facility on new location.	\$18,750,000.00 Cost \$4,500,000.00 Fed. \$14,250,000.00 Local

Bridge

Franklin Co. B-6003 DIVISION	48198.1.1, BRZ-1609(003) Replace Bridge #78 over Tar River on SR 1609. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
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Safety

Divisionwide W-5705X DIVISION	44851.1.24, HSIP-00SS(016) Various routes in Highway Division 5. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
Wake Co. W-5601HP DIVISION	50138.1.225, HSIP-1375(006) SR 1375 (Lake Wheeler Road) at SR 1390 (Optimist Farm Road) / SR 1503 (Donnybrook Road). \$74,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State

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

Division 5 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Durham Co. Z-5700EB DIVISION	44803.1.39, RR-1632(001) Railway-Highway Grade Crossing Safety Project at SR 1632 (Red Mill Road) and Norfolk Southern Crossing #734 914C near Durham. Funds are needed for preliminary engineering.	\$28,000.00 Cost \$25,200.00 Fed. \$2,800.00 State

Bicycle and Pedestrian

Durham Co. U-4726HJ DIVISION	36268.3.30, STPDA-0505(071) NC 751 between Garrett Road and NC 54, and NC 54 between NC 751 and Dresden Drive. \$182,000.00 has previously been approved for construction. Additional funds are needed as requested to construct sidewalks.	\$102,715.00 Cost \$82,172.00 Fed. \$20,543.00 Local
Durham Co. U-4726HM DIVISION	36268.3.34, STPDA-0505(049) NC 55 (Avondale Drive) between Roxboro Street and Geer Street in Durham. \$323,907.00 has previously been approved for construction. Additional funds are needed as requested to construct sidewalks.	\$204,919.00 Cost \$163,935.00 Fed. \$40,984.00 Local

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Division 6

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Bladen Co. B-6004 DIVISION	48199.1.1, BRZ-1534(002) Replace Bridge #197 over Kelly Canal on SR 1534. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Bladen Co. B-6008 DIVISION	48203.1.1, BRZ-1536(007) Replace Bridge #198 over Kelly Creek on SR 1536. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Columbus Co. B-6006 DIVISION	48201.1.1, BRZ-1159(005) Replace Bridge #313 over Boggy Branch on SR 1159. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Cumberland Co. B-6009 DIVISION	48204.1.1, BRZ-2030(002) Replace Bridge #44 over Sandy Creek on SR 2030. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Harnett Co. B-6005 DIVISION	48200.1.1, BRZ-1210(009) Replace Bridge #234 over Barbecue Swamp on SR 1210. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Robeson Co. B-6007 DIVISION	48202.1.1, BRZ-2269(002) Replace Bridge #108 over Indian Swamp on SR 2269. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

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

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Bladen Co. W-5706Q REGIONAL	44852.1.17, HSIP-0087(045) NC 87 from where the roadway widens to four lanes (just east of SR 1704) northwest to NC 131. Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
Cumberland Co. W-5706D REGIONAL	44852.3.4, HSIP-0401(283) US 401 Business (Ramsey Street) at Eastwood Avenue. Funds are needed for construction to install traffic signals and construct sidewalks.	\$175,000.00 Cost \$157,500.00 Fed. \$17,500.00 State
Cumberland Co. W-5706O DIVISION	44852.1.15, HSIP-2244(002) SR 2244 (John McMillan Road) at SR 2252 (Chickenfoot Road). Funds are needed for preliminary engineering.	\$140,000.00 Cost \$126,000.00 Fed. \$14,000.00 State
Cumberland Co. W-5706P REGIONAL	44852.3.16, HSIP-00SS(015) Various routes in Bladen, Columbus, Cumberland, and Harnett Counties. Funds are needed for construction to install pavement markings.	\$2,100,000.00 Cost \$1,890,000.00 Fed. \$210,000.00 State
Robeson Co. W-5706M REGIONAL	44852.3.13, HSIP-00SS(011) Various routes in Robeson County. Funds are needed for construction for thermoplastic pavement markings.	\$2,500,000.00 Cost \$2,250,000.00 Fed. \$250,000.00 State
Robeson Co. W-5706N REGIONAL	44852.1.14, HSIP-0710(037) NC 710 at SR 1339 (Deep Branch Road) approximately 1.2 miles west of Pembroke. Funds are needed for preliminary engineering.	\$410,000.00 Cost \$369,000.00 Fed. \$41,000.00 State

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Division 6 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. Z-5700FE DIVISION	44803.1.27, RR-0071(011) Railway-Highway Grade Crossing Safety Project at NC 71 (David Parnell Street) and CSX Crossing #629 902W in Parkton. \$20,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Robeson Co. Z-5700FC DIVISION	44803.1.25, RR-1318(016) Railway-Highway Grade Crossing Safety Project at SR 1318 (Buie Philadelphus Road) at CSX Crossing #629 592E near Red Springs. \$20,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

Municipal Bridge

Cumberland Co. B-5993 DIVISION	48148.1.1, STBG-0620(049) Replace Bridge #211 over Beaver Creek on Louise Street in Fayetteville. Funds are needed for preliminary engineering.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 Local
Cumberland Co. B-5993 DIVISION	48148.2.1, STBG-0620(049) Replace Bridge #211 over Beaver Creek on Louise Street in Fayetteville. Funds are needed for full right of way and utilities.	\$256,000.00 Cost \$204,800.00 Fed. \$51,200.00 Local
Cumberland Co. B-5993 DIVISION	48148.3.1, STBG-0620(049) Replace Bridge #211 over Beaver Creek on Louise Street in Fayetteville. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published July 13, 2018. This is an Express Design Build Project.	\$1,150,000.00 Cost \$920,000.00 Fed. \$230,000.00 Local

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Division 7

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Orange Co. C-5179 EXEMPT	46240.2.1, CMS-0703(025) SR 1750 (North Estes Drive) from NC 86 (Martin Luther King, Jr. Boulevard) to Caswell Drive; SR 1750 from NC 86 to Elliott Road; and the intersection of SR 1750 and NC 86 in Chapel Hill. \$508,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested to accommodate expanded scope of work.	\$21,250.00 Cost \$17,000.00 Fed. \$4,250.00 Local
Urban		
Alamance Co. U-6015 DIVISION	47160.2.1, STBG-0701(036) Upgrade Burlington-Graham signal system. Funds are needed for full right of way and utilities.	\$1,100,000.00 Cost \$880,000.00 Fed. \$220,000.00 State
Alamance Co. U-6015 DIVISION	47160.3.1, STBG-0701(036) Upgrade Burlington-Graham signal system. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published July 13,2018.	\$10,751,000.00 Cost \$8,600,800.00 Fed. \$2,150,200.00 State
Guilford Co. U-2412A DIVISION	34802.2.2, STP-4121(003) SR 1486 / SR 1421 (Jamestown Parkway) from I-74 to west of SR 1480 (Vickery Chapel Road). \$14,913,228.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$20,000,000.00 Cost \$16,000,000.00 Fed. \$4,000,000.00 State

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

Division 7 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rockingham Co. B-5716 DIVISION	45672.1.1, BRZ-1138(021) Replace Bridge #140 over Dan River on SR 1138. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Rockingham Co. B-5722 DIVISION	45678.1.1, BRZ-1169(003) Replace Bridge #277 over Beaver Creek on SR 1169. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

Safety

Guilford Co. W-5707I REGIONAL	44853.3.9, HSIP-0085(042) I-85 Business / US 29 / 70 southbound. Funds are needed for construction to install guardrails.	\$240,000.00 Cost \$216,000.00 Fed. \$24,000.00 State
Guilford Co. W-5707J REGIONAL	44853.3.10, HSIP-0085(043) I-85 Business / US 29 / 70 southbound. Funds are needed for construction to install guardrails.	\$240,000.00 Cost \$216,000.00 Fed. \$24,000.00 State

Rail Program

Guilford Co. Z-5400GH DIVISION	43600.3.45, STPRR-0708(066) Railway-Highway Grade Crossing Safety Project at East Florida Street and Norfolk Southern Crossing #722 165S in Greensboro. \$325,000.00 has previously been approved for construction. Additional funds are needed to install grade crossing signals and gates.	\$175,000.00 Cost \$157,500.00 Fed. \$17,500.00 State
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Division 8

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Montgomery Co. Z-5700HE DIVISION	44803.1.38, RR-1402(013) Railway-Highway Grade Crossing Safety Project at SR 1402 (Owen Street) and Aberdeen Carolina & Western Railway (ACWR) Crossing #466 028E in Star. Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Moore Co. Z-5700HB DIVISION	44803.1.35, RR-0829(009) Railway-Highway Grade Crossing Safety Project at Saint Andrews Drive and Aberdeen Carolina & Western Railway (ACWR) Crossing #465 770G in Pinehurst. Funds are needed for preliminary engineering.	\$28,000.00 Cost \$25,200.00 Fed. \$2,800.00 State
Moore Co. Z-5700HD DIVISION	44803.1.37, RR-1148(009) Railway-Highway Grade Crossing Safety Project at SR 1148 (Chappell Road) and Aberdeen Carolina & Western Railway (ACWR) Crossing #466 255K near Eagle Springs. Funds are needed for preliminary engineering.	\$36,500.00 Cost \$32,850.00 Fed. \$3,650.00 State
Randolph Co. Z-5700HC DIVISION	44803.1.36, RR-1689(002) Railway-Highway Grade Crossing Safety Project at SR 1689 (Stewart Street) and Norfolk Southern Crossing #722 431L near Sophia. Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State

Bicycle and Pedestrian

Randolph Co. EB-5862 DIVISION	47318.1.1, TAP-0803(009) SR 1191 (Industrial Park Avenue) from the Randolph Community College entrance to the Continuing Education and Industrial Center in Asheboro. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$16,000.00 Fed. \$4,000.00 Local
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Division 9

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Davidson Co. ER-5600ID STATEWIDE	46305.3.45, STBG-0085(045) I-85 and NC 109 in Thomasville. Funds are needed for construction to improve landscape design and vegetation management.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State

Safety

Rowan Co. W-5314 REGIONAL	46137.3.3, HSIP-0801(010) NC 801 at SR 2048 (Cool Springs Road / Wood Leaf Road), SR 1951 (Parks Road) at SR 2048 (Woodleaf Road) and NC 801 at SR 2004 (Woodleaf Barber Road / Quarry Road). Funds are needed for construction for widening, intersection realignment, turn lanes and geometric improvements.	\$2,880,000.00 Cost \$2,308,686.00 Fed. \$571,314.00 State
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Rail Program

Davidson Co. Z-5700IF DIVISION	44803.1.32, RR-2133(002) Railway-Highway Grade Crossing Safety Project at SR 2133 (Hillcrest Circle) and CSX Crossing #836 574B in Thomasville. Funds are needed for preliminary engineering.	\$31,500.00 Cost \$28,350.00 Fed. \$3,150.00 State
Forsyth Co. Z-5700ID DIVISION	44803.1.31, RR-0797(004) Railway-Highway Grade Crossing Safety Project at Nelson Street and Norfolk Southern Crossing #722 079V in Kernersville. Funds are needed for preliminary engineering.	\$35,000.00 Cost \$31,500.00 Fed. \$3,500.00 State
Forsyth Co. Z-5700IH DIVISION	44803.1.33, RR-2151(001) Railway-Highway Grade Crossing Safety Project at SR 2151 (Woodland Trail) and Norfolk Southern Crossing #722 071R in Kernersville. Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Forsyth Co. Z-5700II DIVISION	44803.1.34, RR-3000(007) Railway-Highway Grade Crossing Safety Project at SR 3000 (Dock Davis Road) and Norfolk Southern Crossing #721 515D near Clemmons. Funds are needed for preliminary engineering.	\$22,000.00 Cost \$19,800.00 Fed. \$2,200.00 State

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Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. I-5798 STATEWIDE	50442.3.1, NHPIM-0485(049) I-485 from I-85 to Rocky River Road. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published July 13,2018.	\$8,300,000.00 Cost \$6,640,000.00 Fed. \$1,660,000.00 State
Mecklenburg Co. I-5827 STATEWIDE	50470.3.1, NHPIM-0485(050) I-485 from Idlewild Road to US 74. Funds are needed for construction for pavement rehabilitation.	\$3,300,000.00 Cost \$2,640,000.00 Fed. \$660,000.00 State

Congestion Mitigation

Mecklenburg Co. C-5225B EXEMPT	45441.3.2, CMAQ-00SS(012) Toby Creek Greenway from Rockland Drive to Blue Rock Drive. Funds are needed for construction to construct a greenway.	\$1,200,000.00 Cost \$840,000.00 Fed. \$360,000.00 Local
Mecklenburg Co. C-5621 EXEMPT	50146.1.F1, CMS-0021(020) Intersection of US 21 and SR 2697 (Catawba Avenue). \$250,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$830,000.00 Cost \$664,000.00 Fed. \$166,000.00 Local

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Division 10 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Anson Co. B-5809 DIVISION	45763.1.2, BRZ-1142(012) Replace Bridge #75 over North Fork Jones Creek on SR 1142. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Cabarrus Co. B-5375 DIVISION	46090.1.1, BRZ-1132(010) Replace Bridge #137 over Dutch Buffalo Creek on SR 1132. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Stanly Co. B-5811 DIVISION	45765.1.2, BRZ-1434(006) Replace Bridge #42 over Big Bear Creek on SR 1434. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Union Co. B-5806 DIVISION	45760.1.2, BRZ-2111(001) Replace Bridge #129 over Lanes Creek on SR 2111. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

Safety

Cabarrus Co. W-5601HQ REGIONAL	50138.2.226, HSIP-0003(011) NC 3 and SR 1601 (Odell School Road). \$35,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
Cabarrus Co. W-5601HQ REGIONAL	50138.1.226, HSIP-0003(011) NC 3 and SR 1601 (Odell School Road). \$20,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State

**NCDOT September 2018 Board of Transportation Agenda
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Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. W-5710X DIVISION	44856.1.24, HSIP-2042(002) SR 2042 (Oakdale Road), SR 2108 (Sunset Boulevard), SR 2025 (Miranda Road), and SR 2040 (Lawing Road) near Charlotte. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$180,000.00 Fed. \$20,000.00 State
Stanly Co. W-5601IN REGIONAL	50138.3.249, HSIP-0024(079) NC 24 / 27 / 73 from Spaulding Street to SR 1783 (Henson Street). \$1,000,000.00 has previously been approved for construction. Additional funds are needed as requested for lane improvements.	\$300,000.00 Cost \$270,000.00 Fed. \$30,000.00 State

Rail Program

Mecklenburg Co. Z-5400JF DIVISION	43600.3.FD52, STPRR-1003(139) Railway-Highway Grade Crossing Project at SR 1784 (Rozzelles Ferry Road) and CXS Crossing #631 797X in Charlotte. \$185,000.00 has previously been approved for construction. Additional funds are needed to revise grade crossing flashers and gates.	\$65,000.00 Cost \$58,500.00 Fed. \$6,500.00 State
Mecklenburg Co. Z-5700JC DIVISION	44803.3.23, RR-1003(165) Railway-Highway Grade Crossing Safety Project at Central Avenue and CSX Crossing #631 393C in Charlotte. Funds are needed for construction to install grade crossing flashers, gates and cantilevers.	\$540,000.00 Cost \$486,000.00 Fed. \$54,000.00 State

Bicycle and Pedestrian

Mecklenburg Co. EB-5783 DIVISION	46429.1.1, STBGA-3168(003) Sam Newell Road Multi-use Path - SR 3168 (Sam Newell Road) from Rice Road to Crown Pointe Elementary School in Matthews. Funds are needed for preliminary engineering.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 Local
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Division 12

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. B-5961 DIVISION	47224.1.1, BRZ-1421(004) Replace Bridge #97 over tributary to Muddy Fork Creek on SR 1421. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Iredell Co. B-5843 DIVISION	45796.1.2, BRZ-2402(003) Replace Bridge #20 over I-L Creek on SR 2402. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

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Division 13

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. B-6016 DIVISION	48211.1.1, BRZ-2027(001) Replace Bridge #142 over Martin Creek on SR 2027. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Buncombe Co. B-6018 DIVISION	48213.1.1, BRZ-1296(003) Replace Bridge #536 over Newfound Creek on SR 1296. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Burke Co. B-6011 DIVISION	48206.1.1, BRZ-1430(009) Replace Bridge #145 over Bristol Creek on SR 1430. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Burke Co. B-6015 DIVISION	48210.1.1, BRZ-1913(006) Replace Bridge #237 over Rock Creek on SR 1913. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Madison Co. B-6010 DIVISION	48205.1.1, BRZ-1183(006) Replace Bridge #302 over Shut-In Creek on SR 1183. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Madison Co. B-6012 DIVISION	48207.1.1, BRZ-1341(004) Replace Bridge #73 over Foster Creek on SR 1341. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

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Division 13 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Madison Co. B-6017 DIVISION	48212.1.1, BRZ-1151(013) Replace Bridge #222 over Back Branch on SR 1151. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Madison Co. B-6019 DIVISION	48214.1.1, BRZ-1127(018) Replace Bridge #311 over Roberts Branch on SR 1127. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
McDowell Co. B-6014 DIVISION	48209.1.1, BRZ-1781(001) Replace Bridge #312 over Second Broad River on SR 1781. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Mitchell Co. B-6013 DIVISION	48206.1.1, BRZ-1106(016) Replace Bridge #207 over Grassy Creek on SR 1106. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

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

Division 13 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. W-5213G DIVISION	45343.3.8, HSIP-2002(002) SR 2002 (Riceville Road) from US 70 to SR 2419 (Bull Creek Road) near Haw Creek. Funds are needed for construction to install guardrails.	\$1,225,000.00 Cost \$1,102,500.00 Fed. \$122,500.00 State
Buncombe Co. W-5713P DIVISION	44861.1.16, HSIP-3116(002) SR 3116 (Mills Gap Road) from US 25 Alternate to SR 3197 (Allen Drive / Lower Christ School Road) near Asheville. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Buncombe Co. W-5713Q DIVISION	44861.1.17, HSIP-3121(001) SR 3121 (Rose Hill Road) from US 74 Alternate to SR 3119 (Merrills Cove Road) near Asheville. Funds are needed for preliminary engineering.	\$4,000.00 Cost \$3,600.00 Fed. \$400.00 State

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Division 14

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Henderson Co. B-6021 DIVISION	48216.1.1, BRZ-1840(001) Replace Bridge #180 over North Pacolet River on SR 1840. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Henderson Co. B-6022 DIVISION	48217.1.1, BRZ-1605(009) Replace Bridge #215 over Toms Fork Creek on SR 1605. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Henderson Co. B-6023 DIVISION	48218.1.1, BRZ-1126(009) Replace Bridge #192 over Mud Creek on SR 1126. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Jackson Co. B-6031 DIVISION	48226.1.1, BRZ-1300(017) Replace Bridge #69 over Savannah Creek on SR 1300. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Jackson Co. B-6032 DIVISION	48227.1.1, BRZ-1397(002) Replace Bridge #144 over Nations Creek on SR 1397. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Jackson Co. B-6033 DIVISION	48228.1.1, BRZ-1445(009) Replace Bridge #129 over Scott Creek on SR 1445. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

**NCDOT September 2018 Board of Transportation Agenda
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Division 14 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Jackson Co. B-6034 DIVISION	48229.1.1, BRZ-1300(018) Replace Bridge #65 over Savannah Creek on SR 1300. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Jackson Co. B-6035 DIVISION	48230.1.1, BRZ-1738(008) Replace Bridge #203 over Caney Creek on SR 1738. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Jackson Co. B-6036 DIVISION	48231.1.1, BRZ-1737(009) Replace Bridge #81 over Johns Creek on SR 1737. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Macon Co. B-6025 DIVISION	48220.1.1, BRZ-1114(009) Replace Bridge #244 over North Fork Coweeta Creek on SR 1114. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Macon Co. B-6026 DIVISION	48221.1.1, BRZ-1500(011) Replace Bridge #214 over Watauga Creek on SR 1500. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Macon Co. B-6027 DIVISION	48222.1.1, BRZ-1472(007) Replace Bridge #88 over Cowee Creek on SR 1472. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

**NCDOT September 2018 Board of Transportation Agenda
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Division 14 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Macon Co. B-6028 DIVISION	48223.1.1, BRZ-1528(007) Replace Bridge #150 over Ellijay Creek on SR 1528. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Macon Co. B-6029 DIVISION	48224.1.1, BRZ-1001(090) Replace Bridge #9 over North Prong Ellijay Creek on SR 1001. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Macon Co. B-6030 DIVISION	48225.1.1, BRZ-1351(004) Replace Bridge #220 over Matlock Creek on SR 1351. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Polk Co. B-6020 DIVISION	48215.1.1, BRZ-1138(023) Replace Bridge #144 over Panther Creek on SR 1138. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
Transylvania Co. B-6024 DIVISION	48219.1.1, BRZ-1361(011) Replace Bridge #162 over Silver Creek on SR 1361. Funds are needed for preliminary engineering.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

Bicycle and Pedestrian

Jackson Co. EB-5923 DIVISION	47589.2.1, TAP-1432(007) SR 1432 (Skyland Drive) from SR 1429 (Chipper Curve Road) to US 23 Business. Funds are needed for full right of way and utilities.	\$36,000.00 Cost \$28,800.00 Fed. \$7,200.00 Local
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**NCDOT September 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide C-5601C EXEMPT	50062.4.2, CMAQ-000S(904) NC Air Awareness Public Outreach and Education Program to improve air quality and reduce congestion across North Carolina. Funds are needed for implementation.	\$729,175.00 Cost \$583,340.00 Fed. \$145,835.00 Local
Statewide C-5601D EXEMPT	50062.4.3, CMAQ-0505(089) Passenger Rail Promotion Public Outreach and Education Program to encourage passenger rail use along the corridor linking the Triangle, Triad and Charlotte regions. Funds are needed for implementation.	\$622,790.00 Cost \$498,232.00 Fed. \$124,558.00 Local
Statewide C-5702BA EXEMPT	44907.1.4, CMAQ-00SS(001) North Carolina Clean Energy Technology Center - Clean Fuel Advanced Technology Program Subaward to Buildsense Incorporated for emissions reduction. Funds are needed for preliminary engineering.	\$48,102.00 Cost \$38,481.00 Fed. \$9,621.00 Local
Statewide C-5702BB EXEMPT	44907.1.5, CMAQ-00SS(002) North Carolina Clean Energy Technology Center - Clean Fuel Advanced Technology Program Subaward to the City of Charlotte for emissions reduction. Funds are needed for preliminary engineering.	\$43,000.00 Cost \$32,680.00 Fed. \$10,320.00 Local
Statewide C-5702BC EXEMPT	44907.1.6, CMAQ-00SS(003) North Carolina Clean Energy Technology Center - Clean Fuel Advanced Technology Program Subaward to the City of Winston-Salem for emissions reduction. Funds are needed for preliminary engineering.	\$202,100.00 Cost \$153,596.00 Fed. \$48,504.00 Local

**NCDOT September 2018 Board of Transportation Agenda
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Statewide (Continued)

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide C-5702BD EXEMPT	44907.1.7, CMAQ-00SS(004) North Carolina Clean Energy Technology Center - Clean Fuel Advanced Technology Program Subaward to Merchants Distributors (MDI) for emissions reduction. Funds are needed for preliminary engineering.	\$1,227,014.00 Cost \$269,943.00 Fed. \$957,071.00 Local
Statewide C-5702BE EXEMPT	44907.1.8, CMAQ-00SS(005) North Carolina Clean Energy Technology Center - Clean Fuel Advanced Technology Program Subaward to Gaston County for emissions reduction. Funds are needed for preliminary engineering.	\$70,000.00 Cost \$50,400.00 Fed. \$19,600.00 Local
Statewide C-5702BF EXEMPT	44907.1.9, CMAQ-00SS(006) North Carolina Clean Energy Technology Center - Clean Fuel Advanced Technology Program Subaward to the NCDOT Rail Division for emissions reduction. Funds are needed for preliminary engineering.	\$387,143.00 Cost \$271,000.00 Fed. \$116,143.00 Local
Statewide C-5702BG EXEMPT	44907.1.10, CMAQ-00SS(007) North Carolina Clean Energy Technology Center - Clean Fuel Advanced Technology Program Subaward to the North Carolina Propane Gas Association (NCPGA) for emissions reduction. Funds are needed for preliminary engineering.	\$231,079.00 Cost \$166,376.00 Fed. \$64,703.00 Local
Statewide C-5702BH EXEMPT	44907.1.11, CMAQ-00SS(008) North Carolina Clean Energy Technology Center - Clean Fuel Advanced Technology Program Subaward to Viatic Incorporated for emissions reduction. Funds are needed for preliminary engineering.	\$328,620.00 Cost \$262,896.00 Fed. \$65,724.00 Local

**NCDOT September 2018 Board of Transportation Agenda
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Statewide (Continued)

Planning and Research

Statewide NO ID	47520.5.2, PEM-00SS(013) Performance Engineered Mixtures (PEM). Incentive Implementation Program to evaluate concrete mixture tests, approval process and quality control. Funds are needed for program implementation.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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Bicycle and Pedestrian

Statewide EB-5542E DIVISION	55062.1.9, STPEB-000S(904) Advance Complete Streets. STIC Incentive Program. (State Transportation Innovative Councils). Funds are needed for preliminary engineering (statewide using division tier funds).	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
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ITEM M SUMMARY - 148 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$565,435,039.00

**HIGHWAY PROGRAM
STIP ADDITIONS**

DIVISION 13

* EB-5824 BUNCOMBE PROJ.CATEGORY DIVISION	HOMINY CREEK GREENWAY, CONSTRUCT MULTI-USE PATH FROM HOMINY VALLEY PARK AND ENKA HIGH SCHOOL TO EAST OF SAND HILL ROAD <u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF MPO.</u>	ENGINEERING CONSTRUCTION	FY 2018 - \$320,000 (STBGDA) FY 2018 - \$80,000 (L) FY 2019 - \$4,400,000 (STBG) FY 2019 - \$400,000 (STBGDA) FY 2019 - <u>\$1,200,000</u> (L) \$6,400,000
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STIP MODIFICATIONS

DIVISION 1

* R-4705 MARTIN PROJ.CATEGORY DIVISION	SR 1142 (PRISON CAMP ROAD), NC 903 TO SR 1182 (EAST COLLEGE ROAD). UPGRADE FACILITY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$5,465,000 (STBG) FY 2019 - \$1,575,000 (STBG) FY 2021 - \$8,933,000 (STBG) FY 2022 - \$8,933,000 (STBG) FY 2023 - <u>\$8,934,000</u> (STBG) \$33,840,000
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R-5717A CAMDEN PROJ.CATEGORY DIVISION	SR 1224 (OLD SWAMP ROAD), 0.15 SOUTH OF SR 1225 (LILY ROAD) TO 0.25 MILES NORTH OF SR 1225 (LILY ROAD). <u>PROJECT SEGMENT ADDED AT REQUEST OF DIVISION. CONSTRUCTION ACCELERATED FROM FY 21 TO FY 19.</u>	CONSTRUCTION	FY 2019 <u>\$600,000</u> (T) \$600,000
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DIVISION 2

R-4463A CRAVEN PROJ.CATEGORY REGIONAL	NC 43 CONNECTOR, US 17 TO SOUTH OF US 70. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$1,225,000 (T) FY 2019 - \$500,000 (T) FY 2019 - \$3,000,000 (T) FY 2020 - <u>\$3,000,000</u> (T) \$7,725,000
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* U-5606 PITT PROJ.CATEGORY DIVISION	SR 1598 (DICKINSON AVENUE), NC 11 TO READE CIRCLE. IMPROVE ROADWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	CONSTRUCTION	FY 2019 - <u>\$8,500,000</u> (STBG) \$8,500,000
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 2

U-5730 PITT PROJ.CATEGORY REGIONAL	US 13 (MEMORIAL DRIVE), NC 43 (5TH STREET). UPGRADE INTERSECTION. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2019 -	\$200,000 \$2,000,000	(T) (T)
				\$2,200,000	

U-5785 PITT PROJ.CATEGORY DIVISION	SR 1708 (FIRETOWER ROAD), NC 43 (CHARLES BOULEVARD) TO SR 1704 (FOURTEENTH STREET) IN GREENVILLE. WIDEN TO MULTI-LANES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2021 - FY 2022 -	\$5,968,000 \$254,000 \$1,520,000 \$1,520,000 \$1,520,000	(T) (T) (T) (T) (T)
				\$10,782,000	

U-5870 PITT PROJ.CATEGORY DIVISION	SR 1708 (FIRETOWER ROAD), SR 1704 (FOURTEENTH STREET) TO NC 33 (EAST 10TH STREET) IN GREENVILLE. WIDEN TO MULTI-LANES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2020 - FY 2019 - FY 2020 - FY 2021 - FY 2022 -	\$11,226,000 \$11,226,000 \$956,000 \$5,852,000 \$5,852,000 \$5,852,000	(T) (T) (T) (T) (T) (T)
				\$40,964,000	

U-5992 CRAVEN PROJ.CATEGORY DIVISION	NC 55 (FIRST STREET/ COUNTRY CLUB ROAD), NC 55 (NEUSE BOULEVARD) TO PEMBROKE AVENUE. REDUCE LANES AND INCLUDE BICYCLE AND PEDESTRIAN ACCOMODATIONS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - FY 2018 - FY 2018 - FY 2019 -	\$225,000 \$345,000 \$34,000 \$1,042,000	(T) (L) (T) (T)
				\$1,646,000	

U-5993 CRAVEN PROJ.CATEGORY REGIONAL	NC 55 (NEUSE BOULEVARD), US 17 BUSINESS (MLK BOULEVARD). CONSTRUCT ROUNDABOUT. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2019 -	\$300,000 \$100,000 \$2,450,000	(T) (T) (T)
				\$2,850,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 3

AV-5823 SAMPSON PROJ.CATEGORY DIVISION	CLINTON SAMPSON COUNTY AIRPORT (CTZ), OVERLAY RUNWAY TO ACCOMMODATE LARGER AIRCRAFT. <u>ACCELERATE RIGHT-OF-WAY FROM FY 24 TO FY 20.</u>	CONSTRUCTION	FY 2020 -	\$1,904,000 (T) \$1,904,000
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U-4007E ONSLow PROJ.CATEGORY STATEWIDE	US 17, US 17 AT NC 53 (WESTERN BOULEVARD) AND SR 1406 (PINEY GREEN ROAD). UPGRADE INTERSECTIONS. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2021 -	\$270,000 (T) \$7,200,000 (T) \$7,470,000
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DIVISION 4

R-3822 HALIFAX PROJ.CATEGORY DIVISION	NEW ROUTE, NC 125 TO SOUTH OF US 158. CONSTRUCT THREE LANE FACILITY ON NEW LOCATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - FY 2018 - FY 2019 - FY 2020 - FY 2021 -	\$1,375,000 (T) \$147,000 (T) \$4,866,000 (T) \$4,867,000 (T) \$4,867,000 (T) \$16,122,000
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R-5718 JOHNSTON PROJ.CATEGORY DIVISION	SR 1003 (BUFFALO ROAD), US 70 TO SR 1934 (OLD BEULAH ROAD). WIDEN TO THREE LANES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 21.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2021 - FY 2022 - FY 2023 -	\$560,000 (T) \$67,000 (T) \$2,204,000 (T) \$2,204,000 (T) \$2,204,000 (T) \$7,239,000
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U-5724 WAYNE PROJ.CATEGORY REGIONAL	US 13 (BERKELEY BOULEVARD, REALIGNMENT OF SR 1709 (CENTRAL HEIGHTS ROAD) AT BERKELEY BOULEVARD IN GOLDSBORO. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2021 -	\$270,000 (T) \$1,125,000 (T) \$1,395,000
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 4

U-5794	SR 1309 (BLOOMERY ROAD) SR 1382 (PACKHOUSE	RIGHT-OF-WAY	FY 2020 -	\$100,000	(T)
WILSON	ROAD), US 264 ALTERNATE TO NC 58. WIDEN AND	CONSTRUCTION	FY 2022 -	\$13,908,000	(T)
PROJ.CATEGORY	UPGRADE FACILITY.			\$14,008,000	
DIVISION	<u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 20 TO FY 22.</i></u>				

DIVISION 5

* U-4727	VARIOUS, DURHAM-CHAPEL HILL-CARRBORO	PLANNING	FY 2018 -	\$1,873,000	(STBGDA)
CHATHAM	METROPOLITAN PLANNING ORGANIZATION		FY 2018 -	\$472,000	(L)
DURHAM	(DCHCMPO) PLANNING ALLOCATION AND UNIFIED		FY 2019 -	\$2,025,000	(STBGDA)
ORANGE	WORK PROGRAM.			\$4,370,000	
PROJ.CATEGORY	<u><i>ADD PLANNING IN FY 19 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF MPO.</i></u>				
DIVISION					

U-6093	SR 2542 (ROCK QUARRY ROAD), OLDE BIRCH ROAD TO	ENGINEERING	FY 2018 -	\$861,000	(STBGDA)
WAKE	SR 2544 (SUNNYBROOK ROAD) IN RALEIGH. WIDEN TO		FY 2018 -	\$369,000	(L)
PROJ.CATEGORY	4-LANE DIVIDED FACILITY.	RIGHT-OF-WAY	FY 2019 -	\$1,324,000	(STBGDA)
DIVISION	<u><i>TO REFLECT CITY DELIVERY SCHEDULE DELAY RIGHT-OF-WAY AND CONSTRUCTION FROM FY 18 TO FY 19.</i></u>	CONSTRUCTION	FY 2019 -	\$7,743,000	(STBGDA)
			FY 2019 -	\$3,319,000	(L)
				\$14,183,000	

DIVISION 6

* EB-4539BC	FAYETTEVILLE, NORTH OF CSX RAIL LINE TO SOUTH	CONSTRUCTION	FY 2019 -	\$600,000	(TAP)
CUMBERLAND	OF CSX RAIL LINE.		FY 2019 -	\$150,000	(L)
PROJ.CATEGORY	<u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 17 TO FY 19.</i></u>			\$750,000	
TRANSITION					

* U-2519BA	I-295, SOUTH OF SR 1003 (CAMDEN ROAD) TO SOUTH	CONSTRUCTION	FY 2019 -	\$22,633,000	(NHP)
CUMBERLAND	OF SR 1104 (STRICKLAND BRIDGE ROAD).		FY 2020 -	\$22,633,000	(NHP)
PROJ.CATEGORY	<u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</i></u>		FY 2021 -	\$22,633,000	(NHP)
REGIONAL				\$67,899,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 6

* U-2519BB CUMBERLAND PROJ.CATEGORY REGIONAL	I-295, SOUTH OF SR 1104 (STRICKLAND BRIDGE ROAD) TO SOUTH OF US 401. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	CONSTRUCTION	FY 2019 - \$10,567,000 (NHP) FY 2020 - \$10,567,000 (NHP) FY 2021 - \$10,567,000 (NHP) <u>\$31,701,000</u>
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U-5797 ROBESON PROJ.CATEGORY DIVISION	SR 1997 (FAYETTEVILLE ROAD), FARRINGTON STREET TO EAST 22ND STREET. WIDEN TO MULTI-LANES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$3,502,000 (T) FY 2021 - \$3,501,000 (T) FY 2020 - \$420,000 (T) FY 2021 - \$420,000 (T) FY 2022 - \$5,066,000 (T) FY 2023 - \$5,067,000 (T) FY 2024 - \$5,067,000 (T) <u>\$23,043,000</u>
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DIVISION 7

* AV-5737 ALAMANCE PROJ.CATEGORY DIVISION	BURLINGTON- ALAMANCE REGIONAL AIRPORT (BUY), OBTAIN NAVIGATION EASEMENTS AND CLEAR OBSTRUCTIONS IN THE RUNWAY 24 APPROACH. <u>ADD RIGHT-OF-WAY IN 19 NOT PREVIOUSLY PROGRAMMED (DELAY FROM 16-25 STIP) AT REQUEST OF AVIATION DIVISION.</u>	RIGHT-OF-WAY	FY 2019 - \$1,080,000 (T) FY 2019 - \$120,000 (L) <u>\$1,200,000</u>
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AV-5852 ROCKINGHAM PROJ.CATEGORY DIVISION	ROCKINGHAM COUNTY AIRPORT (SIF), EXTEND RUNWAY TO 5500 FT. <u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 19 TO COMBINE CONTRACT BIDS FOR RUNWAY EXTENSION AND REHABILITATION, AT REQUEST OF AVIATION DIVISION.</u>	CONSTRUCTION	FY 2019 - \$1,872,000 (T) <u>\$1,872,000</u>
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B-4958 GUILFORD PROJ.CATEGORY DIVISION	SR 2128 (BUNCH ROAD), REPLACE BRIDGE 400106 OVER REEDY FORK CREEK IN OAK RIDGE. <u>TO COORDINATE SCHEDULE WITH LOCAL SCHOOLS, DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	CONSTRUCTION	FY 2019 - \$1,700,000 (STBG OFF) <u>\$1,700,000</u>
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C-5555E GUILFORD	VARIOUS, SR 1546 (COLLEGE ROAD) AND SR 2179 (NEW GARDEN ROAD) IN GREENSBORO. CONSTRUCT SIDEWALKS. <u>TO ALLOW TIME FOR THE CITY TO COMPLETE THE RIGHT-OF-WAY PHASE, DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	CONSTRUCTION	FY 2019 - \$203,000 (CMAQ) FY 2019 - \$51,000 (L) <u>\$254,000</u>
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

EB-5886 ORANGE PROJ.CATEGORY DIVISION	SR 1780 (ESTES DRIVE), SR 1772 (NORTH GREENSBORO STREET) IN CARRBORO TO NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) IN CHAPEL HILL. CONSTRUCT MULTIUSE PATH, SIDEWALKS AND BICYCLE LANES. <u>PROJECT SEGMENTED INTO PARTS A AND B; SEE EB-5886A AND EB-5886B ENTRIES FOR SCHEDULES AND CONSTRUCTION ADMINISTRATION.</u>				
EB-5886A ORANGE PROJ.CATEGORY DIVISION	SR 1780 (ESTES DRIVE), SR 1772 (NORTH GREENSBORO STREET) TO SOUTH OF NORFOLK-SOUTHERN RR TRACKS IN CARRBORO <u>NEW PROJECT BREAK CREATED AT REQUEST OF MPO. PLANNING / DESIGN / RIGHT OF WAY BY TOWN OF CARRBORO. CONSTRUCTION ADMINISTRATION BY DIV. 7.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2018 - FY 2020 - FY 2020 - FY 2021 - FY 2021 -	\$136,000 \$34,000 \$37,000 \$9,000 \$678,000 \$170,000	(TAP) (L) (TAP) (L) (TAP) (L)
				\$1,064,000	
EB-5886B ORANGE PROJ.CATEGORY DIVISION	SR 1780 (ESTES DRIVE), SOUTH OF NORFOLK-SOUTHERN RR TRACKS TO NC 86 (MARTIN LUTHER KING, JR. BLVD) IN CHAPEL HILL <u>NEW PROJECT BREAK CREATED AT REQUEST OF MPO. PLANNING / DESIGN / RIGHT OF WAY BY TOWN OF CHAPEL HILL. CONSTRUCTION ADMINISTRATION BY DIV. 7.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2018 - FY 2020 - FY 2020 - FY 2021 - FY 2021 -	\$427,000 \$107,000 \$117,000 \$29,000 \$2,134,000 \$534,000	(TAP) (L) (TAP) (L) (TAP) (L)
				\$3,348,000	
EB-5891 ROCKINGHAM PROJ.CATEGORY DIVISION	US 220 BUSINESS, EAST JACKSON STREET IN MAYODAN TO MAYO RIVER STATE PARK. CONSTRUCT MULTIUSE PATH. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 20 TO FY 21.</u>	ENGINEERING CONSTRUCTION	FY 2019 - FY 2019 - FY 2021 - FY 2021 -	\$104,000 \$26,000 \$522,000 \$130,000	(TAP) (L) (TAP) (L)
				\$782,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

* P-5719 NCRR. PURCHASE AND REFURBISH RAILCARS FOR
 ALAMANCE PIEDMONT SERVICE EXPANSION.
 CABARRUS COST INCREASE EXCEEDING \$2 MILLION AND 25%
 DAVIDSON THRESHOLDS. UPDATE DESCRIPTION AND CREATE
 DURHAM ADDITIONAL PROJECT BREAK AT REQUEST OF RAIL
 GUILFORD DIVISION TO REFLECT SEPARATE CONTRACT. SEE P-
 MECKLENBURG 5719C ENTRY FOR SCHEDULE.
 ORANGE
 RANDOLPH
 ROWAN
 WAKE
 PROJ.CATEGORY
 REGIONAL

P-5719C	NCRR. PURCHASE AND REFURBISHMENT OF 8	CONSTRUCTION	FY 2019 -	\$35,640,000	(T)
ALAMANCE	PASSENGER RAIL CARS.			\$35,640,000	
CABARRUS	<u>PROJECT BREAK CREATED AT REQUEST OF RAIL</u>				
DAVIDSON	<u>DIVISION.</u>				
DURHAM					
GUILFORD					
MECKLENBURG					
ORANGE					
RANDOLPH					
ROWAN					
WAKE					
PROJ.CATEGORY					
REGIONAL					

* R-5822	NC 86, US 158 TO VIRGINIA STATE LINE. CONSTRUCT	RIGHT-OF-WAY	FY 2020 -	\$200,000	(T)
CASWELL	PASSING LANES AND SHOULDER IMPROVEMENTS AT	UTILITIES	FY 2020 -	\$62,000	(T)
PROJ.CATEGORY	VARIOUS LOCATIONS.	CONSTRUCTION	FY 2022 -	\$700,000	(T)
REGIONAL	<u>TO ADJUST PROJECT LET TYPE, REFINE SCOPE AND</u>			\$962,000	
	<u>VERIFY COSTS, DELAY RIGHT-OF-WAY FROM FY 18 TO</u>				
	<u>FY 20 AND CONSTRUCTION FROM FY 19 TO FY 22.</u>				

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 7

U-5812	VARIOUS, LAWNSDALE DRIVE AND PISGAH CHURCH ROAD IN GREENSBORO. INTERSECTION IMPROVEMENTS AT LAWNSDALE ROAD AND PISGAH CHURCH ROAD, AT LAWNSDALE ROAD AND MARTINSVILLE ROAD, AND AT MARTINSVILLE ROAD AND PISGAH CHURCH ROAD	RIGHT-OF-WAY	FY 2020 -	\$144,000	(STBG)
GUILFORD			FY 2020 -	\$36,000	(L)
PROJ.CATEGORY		CONSTRUCTION	FY 2021 -	\$600,000	(STBG)
DIVISION			FY 2021 -	<u>\$150,000</u>	(L)
				\$930,000	
	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 20 TO FY 21.</u>				
U-5841	FRIENDLY AVENUE, WEST OF GREEN VALLEY ROAD TO LINDELL ROAD IN GREENSBORO. WIDENING AND INTERSECTION IMPROVEMENTS.	RIGHT-OF-WAY	FY 2019 -	\$250,000	(T)
GUILFORD		UTILITIES	FY 2019 -	\$100,000	(T)
PROJ.CATEGORY		CONSTRUCTION	FY 2020 -	<u>\$1,250,000</u>	(T)
DIVISION				\$1,600,000	
	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE DESIGN PHASE, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20.</u>				
U-5842	PISGAH CHURCH ROAD, NORTH ELM STREET IN GREENSBORO. INTERSECTION IMPROVEMENTS.	RIGHT-OF-WAY	FY 2020 -	\$144,000	(STBG)
GUILFORD			FY 2020 -	\$36,000	(L)
PROJ.CATEGORY		CONSTRUCTION	FY 2021 -	\$600,000	(STBG)
DIVISION			FY 2021 -	<u>\$150,000</u>	(L)
				\$930,000	
	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE DESIGN PHASE, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 20 AND CONSTRUCTION FROM FY 19 TO FY 21.</u>				
U-5847	SR 1010 (WEST FRANKLIN STREET / EAST MAIN STREET), SR 1771 / SR 1927 (MERRITT MILL ROAD) / BREWER LANE INTERSECTION IN CHAPEL HILL AND CARRBORO. INTERSECTION IMPROVEMENTS.	RIGHT-OF-WAY	FY 2019 -	\$150,000	(T)
ORANGE		CONSTRUCTION	FY 2019 -	<u>\$625,000</u>	(T)
PROJ.CATEGORY				\$775,000	
DIVISION					
	<u>TO ALLOW ADDITIONAL TIME TO ADJUST SCOPE OF WORK, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>				
U-5892	US 220 (BATTLEGROUND AVENUE), WESTRIDGE ROAD TO COTSWOLD AVENUE IN GREENSBORO. ADD LANES.	RIGHT-OF-WAY	FY 2020 -	\$2,151,000	(T)
GUILFORD			FY 2021 -	\$2,150,000	(T)
PROJ.CATEGORY		UTILITIES	FY 2020 -	\$736,000	(T)
REGIONAL			FY 2021 -	\$736,000	(T)
		CONSTRUCTION	FY 2021 -	<u>\$11,058,000</u>	(T)
				\$16,831,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

U-5898	US 29, NC 150. INTERCHANGE IMPROVEMENTS.	RIGHT-OF-WAY	FY 2019 -	\$40,000	(T)
GUILFORD	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE</u>	UTILITIES	FY 2019 -	\$10,000	(T)
PROJ.CATEGORY	<u>PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM</u>	CONSTRUCTION	FY 2020 -	\$500,000	(T)
REGIONAL	<u>FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO</u>			\$550,000	
	<u>FY 20.</u>				
U-6008	SR 2085 (BRYAN BOULEVARD), NEW GARDEN ROAD AT	RIGHT-OF-WAY	FY 2020 -	\$1,250,000	(T)
GUILFORD	HORSEPEN CREEK ROAD IN GREENSBORO.	UTILITIES	FY 2020 -	\$500,000	(T)
PROJ.CATEGORY	INTERCHANGE IMPROVEMENTS, INCLUDING NEW	CONSTRUCTION	FY 2020 -	\$2,250,000	(T)
DIVISION	RAMP FROM WESTBOUND NEW GARDEN ROAD TO			\$4,000,000	
	WESTBOUND SR 2085.				
	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE</u>				
	<u>PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM</u>				
	<u>FY 19 TO FY 20.</u>				
U-6009	US 70 (SOUTH CHURCH STREET), TARLETON AVENUE	RIGHT-OF-WAY	FY 2020 -	\$4,448,000	(T)
ALAMANCE	TO FIFTH STREET IN BURLINGTON. WIDEN AND	UTILITIES	FY 2020 -	\$534,000	(T)
PROJ.CATEGORY	CONSTRUCT CENTER TURN LANE.	CONSTRUCTION	FY 2021 -	\$6,337,000	(T)
REGIONAL	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE</u>			\$11,319,000	
	<u>DESIGN PLANS, DELAY RIGHT-OF-WAY FROM FY 19</u>				
	<u>TO FY 20.</u>				
U-6010	US 70 (SOUTH CHURCH STREET), SR 1226 / SR 1311	RIGHT-OF-WAY	FY 2020 -	\$200,000	(T)
ALAMANCE	(UNIVERSITY DRIVE) IN BURLINGTON. INTERSECTION	UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	IMPROVEMENTS, TO INCLUDE WIDENING OF US 70 TO	CONSTRUCTION	FY 2021 -	\$1,000,000	(T)
REGIONAL	MAINTAIN CONSISTENT CROSS-SECTION WITH			\$1,300,000	
	PROJECT U-5752 IMPROVEMENTS.				
	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE</u>				
	<u>DESIGN PLANS, DELAY RIGHT-OF-WAY FROM FY 19</u>				
	<u>TO FY 20 AND CONSTRUCTION FROM FY 19 TO FY 21.</u>				
U-6011	US 70 (SOUTH CHURCH STREET), SR 1158 (HUFFMAN	RIGHT-OF-WAY	FY 2020 -	\$200,000	(T)
ALAMANCE	MILL ROAD) IN BURLINGTON. INTERSECTION	UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	IMPROVEMENTS.	CONSTRUCTION	FY 2021 -	\$1,000,000	(T)
REGIONAL	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE</u>			\$1,300,000	
	<u>DESIGN PLANS, DELAY RIGHT-OF-WAY FROM FY 19</u>				
	<u>TO FY 20 AND CONSTRUCTION FROM FY 19 TO FY 21.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

U-6016	SR 2124 (LEWISTON ROAD), SR 2136 (FLEMING ROAD).	RIGHT-OF-WAY	FY 2019 -	\$100,000	(T)
GUILFORD	INTERSECTION IMPROVEMENTS.	UTILITIES	FY 2019 -	\$50,000	(T)
PROJ.CATEGORY	<u>DUE TO ADJUSTMENTS TO THE DESIGN SCHEDULE,</u>	CONSTRUCTION	FY 2020 -	\$750,000	(T)
DIVISION	<u>DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND</u>			\$900,000	
	<u>CONSTRUCTION FROM FY 19 TO FY 20.</u>				

U-6017	NC 54 (EAST HARDEN STREET), NC 49 (EAST ELM	RIGHT-OF-WAY	FY 2020 -	\$180,000	(T)
ALAMANCE	STREET) IN GRAHAM. INTERSECTION IMPROVEMENTS.	UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE</u>	CONSTRUCTION	FY 2021 -	\$936,000	(T)
DIVISION	<u>DESIGN PLANS, DELAY RIGHT-OF-WAY FROM FY 19</u>			\$1,216,000	
	<u>TO FY 20.</u>				

U-6019	SR 2334 (AIR HARBOR ROAD), SR 2347 (LAKE BRANDT	RIGHT-OF-WAY	FY 2020 -	\$25,000	(T)
GUILFORD	ROAD). CONSTRUCT TURN LANES AND SIDEWALKS.	UTILITIES	FY 2020 -	\$50,000	(T)
PROJ.CATEGORY	<u>DUE TO CIRCUMSTANCES AFFECTING THE DESIGN</u>	CONSTRUCTION	FY 2020 -	\$400,000	(T)
DIVISION	<u>SCHEDULE AND COORDINATION WITH SCHOOL</u>			\$475,000	
	<u>SCHEDULE, DELAY RIGHT-OF-WAY FROM FY 18 TO FY</u>				
	<u>20 AND CONSTRUCTION FROM FY 19 TO FY 20.</u>				

DIVISION 8

EB-5742	NC 42 (WICKER STREET), WEST LEE MIDDLE SCHOOL	CONSTRUCTION	FY 2019 -	\$310,000	(TAP)
LEE	ENTRANCE TO KIWANIS FAMILY PARK GREENWAY IN		FY 2019 -	\$77,000	(L)
PROJ.CATEGORY	SANFORD. CONSTRUCT MULTIUSE PATH.			\$387,000	
DIVISION	<u>TO REFLECT CITY DELIVERY SCHEDULE DELAY</u>				
	<u>CONSTRUCTION FROM FY 18 TO FY 19.</u>				

R-5824	NC 690 (LOBELIA ROAD), US 1 IN VASS TO	RIGHT-OF-WAY	FY 2020 -	\$585,000	(T)
MOORE	CUMBERLAND COUNTY LINE. UPGRADE ROADWAY, TO	UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	INCLUDE TURN LANES AT VARIOUS LOCATIONS AND	CONSTRUCTION	FY 2020 -	\$2,966,000	(T)
REGIONAL	SOME REALIGNMENT.			\$3,651,000	
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 20.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 8

U-5308 RANDOLPH PROJ.CATEGORY DIVISION	SR 1547 (FINCH FARM ROAD), SR 3106 (KENNEDY ROAD) TO I-85 IN TRINITY. WIDEN TO MULTILANES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$10,181,000 (T) FY 2019 - \$341,000 (T) FY 2020 - \$7,695,000 (T) FY 2021 - \$7,695,000 (T)	
			\$25,912,000	

U-5815 MOORE PROJ.CATEGORY REGIONAL	US 1 (SANDHILLS BOULEVARD), SR 1112 (ROSELAND ROAD) IN ABERDEEN TO OLD US 1 IN SOUTHERN PINES. ACCESS MANAGEMENT IMPROVEMENTS. <u>PROJECT BEING SEGMENT INTO PARTS A AND B FOR LETTING.</u>
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* U-5815A MOORE PROJ.CATEGORY REGIONAL	US 1 (SANDHILLS BOULEVARD), SR 1112 (ROSELAND ROAD) TO KNIGHT STREET IN ABERDEEN. <u>NEW PROJECT BREAK CREATED AT THE REQUEST OF DIVISION. TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT OF WAY FROM FY 19 TO FY22 AND CONSTRUCTION FROM FY 20 TO FY 27.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$189,000 (T) FY 2022 - \$1,578,000 (T) FY 2027 - \$2,250,000 (T)	
			\$4,017,000	

U-5815B MOORE PROJ.CATEGORY REGIONAL	US 1 (SANDHILLS BOULEVARD), KNIGHT STREET IN ABERDEEN TO OLD US 1 IN SOUTHERN PINES, SR 1112 (ROSELAND ROAD) REALIGNMENT AT US1, IMPROVE RADII AT US 15 / US 501. <u>NEW PROJECT BREAK CREATED AT THE REQUEST OF DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$713,000 (T) FY 2019 - \$5,937,000 (T) FY 2020 - \$8,466,000 (T)	
			\$15,116,000	

U-6007 RANDOLPH PROJ.CATEGORY DIVISION	US 220 BUSINESS (SOUTH FAYETTEVILLE STREET), RIDGE STREET TO ATLANTIC AVENUE IN ASHEBORO. REALIGN ATLANTIC AVENUE INTERSECTION AND IMPLEMENT ACCESS MANAGEMENT. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$682,000 (T) FY 2019 - \$500,000 (T) FY 2020 - \$2,152,000 (T)	
			\$3,334,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

* R-5737 DAVIDSON PROJ.CATEGORY DIVISION	US 29 / US 70 / BUSINESS 85, SR 1798 (OLD GREENSBORO ROAD). CONVERT AT-GRADE INTERSECTION TO INTERCHANGE. <u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$700,000 (T) FY 2019 - \$2,900,000 (O) FY 2020 - \$11,850,000 (T) FY 2021 - \$11,850,000 (T)	
U-5902 DAVIDSON	NC 150, US 64 TO SR 1508 (HICKORY TREE ROAD / OLD SALISBURY ROAD). WIDEN TO MULTILANES. <u><i>REVISE NORTHERN TERMINUS TO ESTABLISH LOGICAL TERMINI</i></u>			
U-5902B DAVIDSON	NC 150, SR 1493 (FRYE BRIDGE ROAD) TO SR 1508 (HICKORY TREE ROAD / OLD SALISBURY ROAD) <u><i>REVISE NORTHERN TERMINUS TO ESTABLISH LOGICAL TERMINI</i></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- \$10,738,000 (T) POST YR- \$1,289,000 (T) POST YR- \$44,337,000 (T)	
			\$56,364,000	
DIVISION 10				
C-5157 CABARRUS PROJ.CATEGORY EXEMPT	HARRISBURG, CONSTRUCT SIDEWALKS ON TOM QUERY ROAD, ROBINSON CHURCH ROAD AND STALLINGS ROAD IN HARRISBURG. <u><i>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</i></u>	CONSTRUCTION	FY 2019 - \$378,000 (CMAQ) FY 2019 - \$95,000 (L)	\$473,000
C-5621 MECKLENBURG PROJ.CATEGORY EXEMPT	CORNELIUS, US 21 AND CATAWBA AVENUE. RELOCATE INTERSECTION OF US 21 AND CATAWBA AVENUE TO THE EAST AND CONSTRUCT ROUNDABOUT. <u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20</i></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$1,000,000 (CMAQ) FY 2019 - \$3,000,000 (BA) FY 2019 - \$250,000 (L) FY 2020 - \$806,000 (CMAQ) FY 2020 - \$3,700,000 (BA) FY 2020 - \$202,000 (L)	\$8,958,000
EB-5829 MECKLENBURG PROJ.CATEGORY DIVISION	MATTHEWS, CONSTRUCT FOUR MILE CREEK GREENWAY CROSSING UNDER SR 3448 (SOUTH TRADE STREET) <u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 18 TO FY 19</i></u>	CONSTRUCTION	FY 2019 - \$1,445,000 (STBGDA) FY 2019 - \$471,000 (L)	\$1,916,000

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

EB-5902 CABARRUS PROJ.CATEGORY DIVISION	CONCORD, DOWNTOWN PEDESTRIAN SIGNAL UPGRADES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$250,000 (TAPDA) FY 2019 - <u>\$62,000</u> (L) \$312,000
* P-5725 CABARRUS PROJ.CATEGORY REGIONAL	KANNAPOLIS, CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITWORK, RETAINING WALL, SIGNALING EQUIPMENT <u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 19 AND CONSTRUCTION FROM FY 25 TO FY 19.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$1,250,000 (T) FY 2019 - \$2,350,000 (T) FY 2020 - <u>\$2,350,000</u> (T) \$5,950,000
U-5526A MECKLENBURG PROJ.CATEGORY STATEWIDE	US 74 (INDEPENDENCE BLVD), I-277 TO WALLACE LANE. CONVERT EXISTING AND PROPOSED BUSWAY TO MANAGED LANES. INCLUDES WORK PROPOSED UNDER PROJECT U-2509 BA. <u>TO ALLOW ADDITIONAL TIME FOR A 90 DAY PRIOR TO LETTING REPORTING REQUIREMENT DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION OPERATIONS	FY 2019 - \$1,400,000 (CMAQ) FY 2019 - \$18,728,000 (NHP) FY 2019 - <u>\$3,000,000</u> (T) \$23,128,000
U-5768 MECKLENBURG PROJ.CATEGORY REGIONAL	NC 49 & BACK CREEK CHURCH RD, NC 49, JOHN KIRK DRIVE TO I-485. WIDEN EXISTING ROADWAY. REALIGN BACK CREEK CHURCH ROAD ON NEW LOCATION TO THE NC 49 AND MALLARD CREEK CHURCH ROAD INTERSECTION. CLOSE EXISTING AT GRADE RAIL CROSSING AT NC 49 AND BACK CREEK CHURCH ROAD. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</u>	RIGHT-OF-WAY UTILITIES MITIGATION CONSTRUCTION	FY 2020 - \$100,000 (T) FY 2020 - \$1,200,000 (L) FY 2020 - \$1,300,000 (T) FY 2020 - \$925,000 (L) FY 2021 - \$6,000,000 (T) FY 2021 - \$12,300,000 (L) FY 2022 - \$6,000,000 (T) FY 2023 - \$6,000,000 (T) FY 2024 - <u>\$6,000,000</u> (T) \$39,825,000
U-6086 MECKLENBURG PROJ.CATEGORY EXEMPT	PINEVILLE, NC 51, PARK ROAD TO CARMEL ROAD. CONSTRUCT ACCESS MANAGEMENT IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 19 TO FY 20</u>	CONSTRUCTION	FY 2020 - \$2,000,000 (STBGDA) FY 2020 - <u>\$1,000,000</u> (L) \$3,000,000

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 11

B-5527	US 52 (NORTH- BOUND LANE), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$400,000	(STBG)
SURRY	850122 OVER TOMS CREEK AND REPLACE BRIDGE	CONSTRUCTION	FY 2020 -	\$4,350,000	(STBG)
PROJ.CATEGORY	850342 OVER OLD US 52 SOUTHBOUND EXIT RAMP.		FY 2021 -	<u>\$4,350,000</u>	(STBG)
STATEWIDE	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20</u>			\$9,100,000	
* B-5831	I-77 NORTH, REPLACE BRIDGE 850006 OVER NC 268,	RIGHT-OF-WAY	FY 2019 -	\$600,000	(NHPB)
SURRY	SOUTHERN RR, AND YADKIN RIVER.	CONSTRUCTION	FY 2020 -	\$5,350,000	(NHPB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 19 AND CONSTRUCTION FROM FY 22 TO FY 20 PER STRUCTURES MANAGEMENT. COMBINE WITH B-5833.</u>		FY 2021 -	\$5,350,000	(NHPB)
STATEWIDE				\$11,300,000	
* B-5833	US 21 BUSINESS, REPLACE BRIDGE 980029 OVER I-77.	RIGHT-OF-WAY	FY 2019 -	\$300,000	(NHPB)
YADKIN	<u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 19 AND CONSTRUCTION FROM FY 22 TO FY 20 PER STRUCTURES MANAGEMENT. COMBINE WITH B-5831.</u>	CONSTRUCTION	FY 2020 -	\$2,300,000	(NHPB)
PROJ.CATEGORY			FY 2021 -	<u>\$2,300,000</u>	(NHPB)
REGIONAL				\$4,900,000	
EB-5529	YADKINVILLE, NORTH LEE AVENUE, MAIN STREET TO	CONSTRUCTION	FY 2019 -	<u>\$1,245,000</u>	(STPEB)
YADKIN	US 601 IN YADKINVILLE. CONSTRUCT SIDEWALK ON			\$1,245,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>				
TRANSITION					
EB-5798	US 221, MAIN STREET IN BLOWING ROCK TO MOSES H	CONSTRUCTION	FY 2019 -	\$891,000	(FLAP)
WATAUGA	CONE MEMORIAL PARK AND BASS LAKE. CONSTRUCT		FY 2019 -	\$223,000	(L)
PROJ.CATEGORY	SIDEWALK.			\$1,114,000	
EXEMPT	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>				
R-5830	SR 1522 (DEERFIELD ROAD), STATE FARM ROAD TO	RIGHT-OF-WAY	FY 2019 -	\$150,000	(T)
WATAUGA	SR 1523 (WILSON RIDGE ROAD). UPGRADE ROADWAY.	UTILITIES	FY 2019 -	\$100,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2020 -	<u>\$3,200,000</u>	(T)
DIVISION				\$3,450,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 11

U-4700CA CALDWELL	US 321, SR 1160 (MOUNT HERMAN ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN - WITHIN THE LIMITS OF U-4700 C.	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$420,000 (NHP) FY 2019 - <u>\$1,750,000</u> (NHP)	
			\$2,170,000	
	<u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</i></u>			
U-4700CB CALDWELL PROJ.CATEGORY STATEWIDE	US 321, SR 1809/1952 (PINE MOUNTAIN ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN - WITHIN THE LIMITS OF U-4700 C.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$400,000 (NHP) FY 2019 - \$100,000 (NHP) FY 2019 - <u>\$2,200,000</u> (NHP)	
			\$2,700,000	
	<u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</i></u>			
U-4700CC CALDWELL PROJ.CATEGORY STATEWIDE	US 321, SR 1108 (MISSION ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN - WITHIN THE LIMITS OF U-4700 C.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$450,000 (NHP) FY 2019 - \$100,000 (NHP) FY 2019 - <u>\$2,200,000</u> (NHP)	
			\$2,750,000	
	<u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</i></u>			
U-5776 CALDWELL PROJ.CATEGORY REGIONAL	GRANITE FALLS, INTERSECTION OF SR 1106 (DUKE STREET) AND US 321A. REALIGN INTERSECTION.	CONSTRUCTION	FY 2019 - <u>\$3,504,000</u> (T) \$3,504,000	
	<u><i>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</i></u>			
U-5809 YADKIN PROJ.CATEGORY DIVISION	US 601 (STATE STREET), US 421 TO SR 1146 (LEE AVENUE). CONSTRUCT MEDIAN AND ROUNDABOUTS.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$1,500,000 (T) FY 2019 - \$200,000 (T) FY 2020 - \$4,300,000 (T) FY 2021 - <u>\$4,300,000</u> (T)	
			\$10,300,000	
	<u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</i></u>			
U-5810 WATAUGA PROJ.CATEGORY DIVISION	SR 1514 (BAMBOO ROAD); SR 1523 (WILSON RIDGE), US 421/US 221 TO SR 1522 (DEERFIELD ROAD). WIDEN ROADWAY TO 12-FEET LANES WITH 4-FEET PAVED SHOULDERS.	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$100,000 (T) FY 2020 - <u>\$3,000,000</u> (T)	
			\$3,100,000	
	<u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</i></u>			

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 12

* R-3833C	SR 1100 (BRAWLEY SCHOOL ROAD), I-77 TO US 21	RIGHT-OF-WAY	FY 2019 -	\$5,200,000	(T)
IREDELL	<u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>	CONSTRUCTION	FY 2020 -	\$7,455,000	(T)
PROJ.CATEGORY			FY 2020 -	\$890,000	(L)
DIVISION			FY 2021 -	\$7,455,000	(T)
					\$21,000,000

R-5712	NC 16 BUSINESS, INTERSECTION OF NC 16 BUSINESS AND SR 1439 (UNITY CHURCH ROAD)/SR 1387 (TRIANGLE CIRCLE). ADD TURN LANES. <u><i>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</i></u>	RIGHT-OF-WAY	FY 2019 -	\$180,000	(T)
LINCOLN		CONSTRUCTION	FY 2019 -	\$750,000	(T)
PROJ.CATEGORY				\$930,000	
REGIONAL					

U-4700A	US 321, NORTH OF US 70 IN HICKORY TO US 321A <u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</i></u>	RIGHT-OF-WAY	FY 2019 -	\$11,886,000	(NHP)
BURKE			FY 2020 -	\$21,500,000	(NHP)
CALDWELL			FY 2021 -	\$9,614,000	(HP)
CATAWBA		UTILITIES	FY 2019 -	\$2,000,000	(NHP)
PROJ.CATEGORY		CONSTRUCTION	FY 2022 -	\$25,900,000	(NHP)
STATEWIDE			FY 2022 -	\$700,000	(L)
			FY 2023 -	\$25,900,000	(NHP)
			FY 2024 -	\$25,900,000	(NHP)
			FY 2025 -	\$25,900,000	(NHP)
					\$149,300,000

* U-5817	SR 1246 (FAIRVIEW ROAD), EXTEND SR 1246 (FAIRVIEW ROAD) OVER I-77 TO CONNECT WITH SR 1206 (ALCOVE ROAD) AND CONSTRUCT PARALLEL NORTH-SOUTH CONNECTOR ROADS TO SR 1109 (WILLIAMSON ROAD). <u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>	RIGHT-OF-WAY	FY 2019 -	\$4,000,000	(BA)
IREDELL			FY 2019 -	\$550,000	(T)
PROJ.CATEGORY			FY 2020 -	\$4,000,000	(BA)
DIVISION			FY 2020 -	\$550,000	(T)
		UTILITIES	FY 2019 -	\$100,000	(T)
			FY 2020 -	\$100,000	(T)
		CONSTRUCTION	FY 2021 -	\$9,400,000	(T)
			FY 2022 -	\$9,400,000	(T)
					\$28,100,000

DIVISION 13

I-4700	I-26, NC 280 (EXIT 40) TO I-40 AT ASHEVILLE. ADD ADDITIONAL LANES. <u><i>COMBINE SEGMENTS A AND B INTO MAIN TIP I-4700</i></u>
BUNCOMBE	
HENDERSON	

* INDICATES FEDERAL AMENDMENT

Thursday, September 06, 2018

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**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 13

I-4759 BUNCOMBE PROJ.CATEGORY STATEWIDE	I-40, I-40/SR 1228 (LIBERTY ROAD). CONVERT GRADE SEPARATION TO AN INTERCHANGE AND CONSTRUCT TWO LANE ROADWAY NORTH OF I-40 TO SR 1224 AND FOUR LANE ROADWAY SOUTH OF I-40 TO US 19/US 23/NC 151 WITH PARTS ON NEW LOCATION. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$11,500,000 (STBG) FY 2019 - \$1,800,000 (STBG) FY 2020 - \$8,000,000 (STBG) FY 2021 - \$8,000,000 (STBG) FY 2022 - \$8,000,000 (STBG)
			\$37,300,000

U-5833 RUTHERFORD PROJ.CATEGORY DIVISION	SR 2241 (OAK STREET), SR 2159 (PINE RIDGE ROAD) TO US 74. WIDEN EXISTING ROADWAY. <u>TO ALLOW ADDITIONAL TIME FOR PROJECT DELAY CONSTRUCTION FROM FY 18 TO FY 19. BIDS WERE IN EXCESS OF DIVISION CAP AND PROJECT CHANGED TO DDRL.</u>	CONSTRUCTION	FY 2019 - \$5,300,000 (T) \$5,300,000
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* U-5834 BUNCOMBE PROJ.CATEGORY DIVISION	SR 3116 (MILLS GAP ROAD), US 25 (HENDERSONVILLE ROAD) TO SR 3157 (WESTON ROAD). UPGRADE EXISTING ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$18,500,000 (T) FY 2021 - \$3,000,000 (T) \$21,500,000
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U-5971A BUNCOMBE PROJ.CATEGORY REGIONAL	ASHEVILLE, US 19 (PATTON AVENUE) AND NC 63 (NEW LEICESTER HIGHWAY). CONSTRUCT INITIAL INTERSECTION IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR RE-ADVERTISEMENT FOR BIDS DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	CONSTRUCTION	FY 2019 - \$500,000 (T) \$500,000
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DIVISION 14

B-5550 TRANSYLVANIA PROJ.CATEGORY DIVISION	BREVARD, REPLACE BRIDGE 870102 ON RAILROAD AVENUE OVER KINGS CREEK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$120,000 (STBG) FY 2019 - \$30,000 (L) FY 2019 - \$600,000 (STBG) FY 2019 - \$150,000 (L) \$900,000
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 14

R-2588B HENDERSON PROJ.CATEGORY DIVISION	NC 191, SR 1381 (MOUNTAIN ROAD) TO NC 280 SOUTH OF MILLS RIVER. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$2,250,000 (STBG) FY 2021 - \$2,250,000 (STBG) FY 2020 - \$500,000 (STBG) FY 2022 - \$14,500,000 (STBG) FY 2023 - \$14,500,000 (STBG) FY 2024 - \$14,500,000 (STBG)	
			\$48,500,000	
* R-5600 JACKSON PROJ.CATEGORY REGIONAL	NC 107 US 23 BUSINESS, NC 107, NC 116 TO US 23 BUSINESS. US 23 BUSINESS, SR 1432 (SKYLAND DRIVE) TO MUNICIPAL DRIVE. UPGRADE ROADWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 21 TO FY 22.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$23,800,000 (STBG) FY 2021 - \$23,800,000 (STBG) FY 2020 - \$1,100,000 (STBG) FY 2022 - \$7,167,000 (STBG) FY 2023 - \$7,166,000 (STBG) FY 2024 - \$7,167,000 (STBG)	
			\$70,200,000	
* R-5800 TRANSYLVANIA PROJ.CATEGORY REGIONAL	US 64, US 276, FORTUNE COVE ROAD TO US 64 BUSINESS (NORTH CALDWELL STREET). CONSTRUCT MEDIAN AND ACCESS CONTROL MEASURES. <u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 20 PER DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - \$2,500,000 (T) FY 2021 - \$2,500,000 (T) FY 2020 - \$300,000 (T) FY 2021 - \$300,000 (T) FY 2024 - \$3,500,000 (T) FY 2025 - \$3,500,000 (T) FY 2026 - \$3,600,000 (T)	
			\$16,200,000	
R-5841A JACKSON PROJ.CATEGORY DIVISION	NC 107, 500 FEET SOUTH OF SR 1135 (SHOOK COVE ROAD) TO 1000 FEET NORTH OF THE LAKE TUCKASEEGEE DAM. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY RIGHT-OF-WAY FROM FY 20 TO FY 21</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - \$2,150,000 (T) FY 2022 - \$2,150,000 (T) FY 2021 - \$200,000 (T) FY 2022 - \$5,800,000 (T) FY 2023 - \$5,800,000 (T) FY 2024 - \$5,800,000 (T)	
			\$21,900,000	
R-5864 HAYWOOD PROJ.CATEGORY EXEMPT	SR 1395 (COVE CREEK ROAD), APPROXIMATELY 3 MILES WEST OF US 276. REPAIR SLIDE AREA. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 19 TO FY 20</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$20,000 (FLAP) FY 2018 - \$5,000 (S(M)) FY 2020 - \$80,000 (FLAP) FY 2020 - \$20,000 (S(M)) FY 2020 - \$380,000 (FLAP) FY 2020 - \$95,000 (S(M))	
			\$600,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 14

U-5839	US 276 (RUSS AVENUE), US 23/74 TO US 23 BUSINESS	RIGHT-OF-WAY	FY 2019 -	\$6,200,000	(T)
HAYWOOD	(MAIN STREET). UPGRADE CORRIDOR.	UTILITIES	FY 2019 -	\$750,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2021 -	\$5,400,000	(T)
DIVISION	<u>DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21</u>		FY 2022 -	\$5,400,000	(T)
				\$17,750,000	

* U-5888	US 23 BUSINESS, INTERSECTION OF US 23 BUSINESS	CONSTRUCTION	FY 2020 -	\$3,450,000	(T)
HAYWOOD	(NORTH MAIN STREET) AND WALNUT STREET.			\$3,450,000	
PROJ.CATEGORY	CONSTRUCT INTERSECTION IMPROVEMENTS.				
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				

U-6048	US 19, US 23, SR 1836 (CHESTNUT MOUNTAIN ROAD)	RIGHT-OF-WAY	FY 2019 -	\$135,000	(T)
BUNCOMBE	TO SR 1200 (WIGGINS ROAD). UPGRADE ROADWAY.	UTILITIES	FY 2019 -	\$100,000	(T)
HAYWOOD	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	CONSTRUCTION	FY 2019 -	\$2,150,000	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY FROM FY 18 TO FY 19</u>		FY 2020 -	\$2,150,000	(T)
DIVISION				\$4,535,000	

STIP DELETIONS

DIVISION 13

* I-4700A	I-26, NC 280 (EXIT 40) TO NC 146 - LONG SHOALS ROAD	RIGHT-OF-WAY	FY 2019 -	\$2,000,000	(T)
BUNCOMBE	(EXIT 37)	CONSTRUCTION	FY 2019 -	\$86,400,000	(NHP)
HENDERSON	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>			\$88,400,000	
PROJ.CATEGORY	<u>PROJECT I-4700</u>				
STATEWIDE					

* I-4700B	I-26, NC 146 - LONG SHOALS ROAD (EXIT 37) TO I-40	RIGHT-OF-WAY	FY 2019 -	\$2,000,000	(T)
BUNCOMBE	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>	CONSTRUCTION	FY 2019 -	\$114,600,000	(NHP)
PROJ.CATEGORY	<u>PROJECT I-4700</u>			\$116,600,000	
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP DELETIONS**

DIVISION 14

* R-5744 HENDERSON	BALFOUR PARKWAY, NC 191 TO US 64. CONSTRUCT NEW 4-LANE ROADWAY. <u>DELETE AT THE REQUEST OF MPO AND DIVISION.</u>				
* R-5744A HENDERSON	BALFOUR PARKWAY, NC 191 (HAYWOOD ROAD) TO US 25 BUSINESS. CONSTRUCT NEW 4-LANE ROADWAY. <u>DELETE AT THE REQUEST OF MPO AND DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- POST YR- POST YR-	\$10,100,000 \$500,000 \$49,700,000	(T) (T) (T)
				\$60,300,000	
* R-5744B HENDERSON PROJ.CATEGORY DIVISION	BALFOUR PARKWAY, US 25 BUSINESS TO I-26. CONSTRUCT NEW 4-LANE ROADWAY. <u>DELETE AT THE REQUEST OF MPO AND DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- POST YR- POST YR-	\$8,000,000 \$500,000 \$39,200,000	(T) (T) (T)
				\$47,700,000	
* R-5744C HENDERSON	BALFOUR PARKWAY, I-26 TO US 64. CONSTRUCT NEW 4-LANE ROADWAY. <u>DELETE AT THE REQUEST OF MPO AND DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- POST YR- POST YR-	\$8,200,000 \$500,000 \$40,100,000	(T) (T) (T)
				\$48,800,000	

ITEM N SUMMARY

ADDITION S	1	PROJECTS	\$6,400,000
MODIFICATION S	93	PROJECTS	
DELETION S	6	PROJECTS	\$361,800,000
	100	PROJECTS	(\$355,400,000)

* INDICATES FEDERAL AMENDMENT

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

SUMMARY: There are a total of 39 agreements for approval by the Board of Transportation.

Statewide

National Railroad Passenger
Corporation (Amtrak)
43413

This Rail Agreement includes the operations cost for Fiscal Year 2019 for Amtrak to operate rail passenger service under the name Carolinian (Trains 79 & 80) between Charlotte and Washington, D. C. This Agreement will cover all costs associated with the operation of the Carolinian, including locomotive fuel, host railroad payments, and the estimated capital cost for Amtrak-owned passenger train equipment. The estimated cost to the Department for the period October 1, 2018 through September 30, 2019 is \$5,000,797, including a contingency amount of \$200,556.

National Railroad Passenger
Corporation (Amtrak)
42801.3.F2

This Rail Agreement includes the operations cost for Fiscal Year 2019 for Amtrak to operate rail passenger service under the name Piedmont (Trains 73, 74, 75 & 76) between Charlotte and Raleigh. This Agreement will cover all costs for Amtrak's operation of the Piedmont, including locomotive fuel, host railroad payments, and the estimated capital cost for Amtrak-owned passenger train equipment. The estimated cost to the Department for the period October 1, 2018 through September 30, 2019 is \$4,271,313, including a contingency amount of \$279,432.

Division 2

City of Greenville and
Pitt County
U-5785
44357.3.1

This Project consists of improvements on SR 1708 from NC 43 to SR 1704. The Department shall prepare the environmental and/or planning document, Project plans/specifications, acquire any needed right of way and construct the Project. At the request of the Municipality, the Department shall include new sidewalk along both sides of SR 1708. The Municipality shall reimburse the Department 40% of the actual cost of the work. The estimated cost to the Municipality is \$159,740.

City of Greenville and
Pitt County
U-5870
54046.3.1

This Project consists of improvements on SR 1708 from SR 1704 to NC 33. The Department shall prepare the environmental and/or planning document, Project plans/specifications, acquire any needed right of way and construct the Project. At the request of the Municipality, the Department shall include new sidewalk within the Project limits. The Municipality shall reimburse the Department 40% of the actual cost of the work. The estimated cost to the Municipality is \$184,380.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

Division 2, con't.

Town of Ayden
Pitt County
R-2250
34411.3.7

This Project consists of the construction of the Greenville Southwest Bypass from south of SR 1149 to existing US 264. This Utility Construction Agreement (UCA) is to include a conduit for electrical service and an extension of a 10" water main in Ayden. The lump sum cost to the Municipality is \$41,781.

Division 3

City of Jacksonville
Onslow County
U-3810(L)
35801.3.3

This Project consists of landscaping improvements on SR 1406 from US 17 to NC 24 in Jacksonville. The Municipality shall perform the work. The Department shall participate in the actual cost of the Project up to \$467,833 from STPDA funds. Costs which exceed this amount shall be borne by the Municipality.

Division 4

City of Rocky Mount
Edgecombe and Nash Counties
P-5711CA
44908.3.4

This Project consists of intersection improvements at SR 1524 and NC 4, and at SR 1412 and SR 1400. This Utility Construction Agreement (UCA) is to adjust and relocate municipal utility lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost is \$83,975.

City of Goldsboro
Wayne County
U-2714
38979.3.1

This Project consists of road improvement on US 117 from north of US 70 to SR 1571. This Utility Construction Agreement (UCA) is to adjust and relocate municipal utility lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost is \$1,232,116.

Division 5

Town of Cary
Wake County
U-5501A
45488.2.3
45488.3.1

This Supplemental Agreement is to combine the construction of Projects U-5501A and B under one agreement and increase funding for the Project. The revised scope for Project U-5501A is construction on SR 1650 from North Harrison Avenue to NE Maynard Road, road widening including Betterments for pedestrian and bicycle enhancements. The Department shall reimburse the Municipality an additional 9% (\$632,029) from STBGDA funds. The Municipality will provide the additional 91% (\$6,087,971) non-federal match and all costs that exceed the total available funding.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

Division 5, con't.

City of Raleigh
Wake County
I-5873
53074.1.1
53074.2.1
53074.3.1

This Project consists of interchange improvements on I-40 at NC 54 in Raleigh. At the request of the Municipality, the Department shall include pedestrian Betterments at an estimated cost of \$155,000. The Municipality shall reimburse the Department for the actual cost of the Betterments.

City of Raleigh
Wake County
C-5604OF
43714.2.17
43714.3.17

This Project consists of the construction of pedestrian and bicycle facilities along Blue Ridge Road the bridge over Wade Avenue. The Municipality is responsible for all aspects of the Project. The Department shall reimburse 78% (\$3,595,800) of eligible expenses from CMAQ funds. The Municipality shall provide the 22% (\$1,014,200) non-federal match and all costs that exceed the total available funding.

City of Durham and
Durham County
36233.149.3.1

This Project consists of the development of a Community Connectivity Plan for the coordinated public transit systems of the City of Durham and Durham County. The Department is responsible for all aspects of the Project. The County shall contribute \$4,954 and the Municipality shall provide \$32,612 to the Project costs. The total available funding for the Project is \$82,150.

City of Durham
Durham County
U-5745
50166.3.1

This Project consists of construction of the roundabout at NC 751 and SR 1183. This Utility Construction Agreement (UCA) is to adjust and relocate municipal utility lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost is \$353,400.

City of Durham
Durham County
C-5605E
43725.3.6

This Project consists of eight miles of lane striping for bike lanes in Durham. The Municipality is responsible for all aspects of the Project. The Department will reimburse the Municipality 80% (\$403,200) of eligible expenses from CMAQ funds. The Municipality will provide 20% (\$100,800) as the non-federal match and all costs that exceed the total available funding.

Town of Fuquay Varina
Wake County
U-5927A
44796.3.2
2019CPT.05.05.20921.1

This Project consists of widening N. Judd Parkway NE with median and left turn lanes. This Supplemental Agreement is to increase funding for the Project. The Department will provide additional funding of \$276,000, with 50% from STBGDA funds and the 50% non-federal match from State Resurfacing funds. The Municipality shall be responsible for all costs that exceed the total available funding.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

Division 6

Fayetteville Public Works
Commission
Cumberland County
B-4738
38511.3.1

This Project consists of the replacement of Bridge 189 over Buckhead Creek on SR 1137. This Utility Construction Agreement (UCA) is to relocate a 6" waterline. The lump sum cost to the Municipality is \$87,396.83.

Division 7

Town of Carrboro
Orange County
EL-4828A
EL-4828B
40245.3.3
40245.3.2

This Project consists of a multi-use pedestrian/bicycle path along Morgan Creek from Smith Level Road to University Lake. The Municipality is responsible for all phases of the work. This Supplemental Agreement is to break the work into two phases and set completion dates for both. EL-4828A consists of Morgan Creek Greenway Phase 1 and the Municipality shall complete this work by December 31, 2021. EL-4828B consists of Morgan Creek Greenway Phase II and the Municipality shall complete this work by December 31, 2025.

Orange County Water and
Sewer Authority (OWASA)
Orange County
EB-4704A
38664.3.3

This Project consists of pedestrian and transit improvements on SR 1838/SR 2220 from US 15-501 to SR 1113. This Utility Construction Agreement (UCA) is to adjust water line and include Betterments for upgrading to a larger line and additional various size water meter items. OWASA will reimburse the Department for the Betterment costs. The estimated cost to OWASA is \$51,400.

Division 8

City of Laurinburg
Scotland County
EB-5865
47321.1.1
47321.3.1

This Project consists of construction of sidewalk and pedestrian improvements on Atkinson Street from S. Main Street to W. Vance Street. The Municipality is responsible for all aspects of the Project. The Department will reimburse 80% (\$364,000) of eligible expenses from TAP funds. The Municipality shall provide the 20% (\$91,000) non-federal match and all costs that exceed the total available funding.

Division 9

City of Winston-Salem
Forsyth County
B-4746
38518.3.1

This Project consists of replacement of Bridge 229 over Norfolk Southern Railway Tracks on SR 2264 in Winston-Salem. This Utility Construction Agreement (UCA) is to adjust and relocate municipal utility lines during construction of the Project. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost is \$173,495.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

Division 9, con't.

City of Winston-Salem Utilities
Forsyth County
U-5824
44395.1.1

This Project consists of widening NC 66 (Old Hollow Road) from Harley Drive to US 158 (Reidsville Road). This Utility Preliminary Engineering Design (UPED) agreement is for the Department to prepare plans for the municipal utility lines. The lump sum amount to be paid by the Municipality is \$99,240.22.

Division 10

Town of Stallings
Union County
U-6091
47885.2.1
47885.3.1

This Project consists of the construction of a roundabout at the intersection of SR 1344 and SR 1362. At the request of the Municipality, the Department shall include Betterments to add turn lanes. The Municipality shall participate in the costs of the Betterments up to a maximum amount of \$350,000.

Town of Cornelius
Mecklenburg County
U-6105
48173.1.1
48173.2.1
48173.3.1

This Project consists of improvements on SR 2415 from Poole Place Drive to US 21. The Department is responsible for all phases of the work. The Department will participate in 49% (\$3,526,040) of the cost from STBGDA funds. The Municipality will provide the 51% (\$3,669,960) non-federal match and all costs that exceed the total available funding.

City of Kannapolis
Kannapolis Logistics Center,
LLC
Cabarrus County
U-6098
47896.3.1
44706

This Project consists of construction of a roundabout and turn lanes for the Kannapolis Logistics Center on Kannapolis Parkway at the intersection of SR 1620 and SR 1621. The Municipality and the Developer shall be responsible for all phases of the Project. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$1,000,000 in State Economic Development funds. The Department shall provide an additional \$1,700,000 from State Economic Development funds for a total maximum amount of \$2,700,000.

Town of Matthews
Mecklenburg County
I-5507/R-0211/U-4714AB
43609.3.2

This Design Build Project consists of installation of express lanes on I-485 from I-77 to US 74; construction of an interchange at I-485/Weddington Road; and improvements to the interchange at I-485. Construction will include Betterments on the Weddington Road Bridge. The Municipality shall pay a lump sum of \$659,850 for the Betterments.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

Division 10, con't.

City of Charlotte and
Riverbend Retail Development,
LLC
Mecklenburg County
47809

This Project consists of the widening of SR 2004 with medians on NC 16. The Developer will plan, design, acquire right of way, relocate utilities, and construct the Project. The Department's funding participation shall be limited to the construction cost of roadway improvements, up to a maximum of \$750,000 in Contingency funds.

City of Charlotte
Mecklenburg County
I-5507/R-0211EC/U-4714AB
43609.3.2

This Design Build Project consists of installation of express lanes on I-485 from I-77 to US 74; construction of an interchange at I-485/Weddington Road; and improvements to the interchange at I-485. Construction will include Betterments on the Ballantyne Commons Parkway Bridge, Elm Lane Bridge, and Weddington Road Bridge. The Municipality shall pay a lump sum of \$1,094,790 for the Betterments.

City of Charlotte
Mecklenburg County
C-5613L
43735.1.16
43735.2.16

This Project consists of the realignment of SR 2025 and construction of roundabouts at the intersections of SR 2025 and SR 2042; and at SR 2042 and SR 2108/SR 2040. The Department will participate in the PE and ROW phases of the Project from CMAQ funds up to \$547,125. The Municipality shall provide the non-federal match in the amount of \$622,562 and all costs that exceed the total available funding.

Town of Waxhaw
Union County
EB-5819
44839.1.1
44839.3.1

This Project consists of the design and construction of the pedestrian and bicycle improvements according to its Downtown Masterplans. This Supplemental Agreement modifies the Project funding source from STBGDA to TAPDA with no change in the amount of funding.

Town of Cornelius
Mecklenburg County
EB-5777
46420.2.1
46420.3.1

This Project consists of construction of a multi-use path from Catawba Avenue to Westmoreland Road. This Supplemental Agreement modifies the Project funding source from TAPDA to STBGDA with no change in the amount of funding.

Town of Cornelius
Mecklenburg County
EB-5817
44837.1.1
44837.3.1

This Project consists of the design and construction of the McDowell Creek Greenway between Magnolia Estates Drive at West Catawba Avenue and Westmoreland Road. This Supplemental Agreement modifies the Project funding source from STBGDA to TAPDA with no change in the amount of funding.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

Division 11

Divisions 11, 12, & 13
Caldwell County Railroad
Company (CWCY)
Catawba, Burke, and Caldwell
Counties
80000.1.4.41

On June 29, 2017 the Board of Transportation approved an agreement with Caldwell County Railroad (CWCY), Caldwell Railroad Commission (CRC), and the City of Hickory for the repair of 5 bridges, replacement of crossties, track, and switch ties from milepost 90.6 to 107.5, upgrading of relay rail in the North Hickory Yard, and crossing renewal at 2nd Avenue and Main Avenue. CWCY was to perform all of the work, and the Department was to participate in the cost of the Project, up to \$209,500. That Project has since been divided into two Projects and CWCY will only perform the work on CWCY track. The Department will reimburse CWCY up to \$92,000. The estimated cost of the Project is \$184,000. As a condition of the award of funds, the Caldwell Railroad Commission and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness to secure lien on the Project assets for five (5) years.

Division 11, 12, & 13
City of Hickory
(Municipality)
Caldwell, Catawba, and Burke
Counties
80000.1.4.41

On June 29, 2017 the Board of Transportation approved an agreement with Caldwell County Railroad (CWCY), Caldwell Railroad Commission (CRC), and the City of Hickory for the repair of 5 bridges, replacement of crossties, track, and switch ties from milepost 90.6 to 107.5, upgrading of relay rail in the North Hickory Yard, and crossing renewal at 2nd Avenue and Main Avenue. CWCY was to perform all of the work and the Department was to participate in the cost of the Project, up to \$209,500. That Project has since been divided into two Projects, and the Municipality perform the crossing surface work on 2nd Avenue and Main Avenue. The Department will reimburse the Municipality the actual construction costs up to \$117,500. All costs which exceed this amount shall be borne by the Municipality. The estimated cost is \$235,000.

Division 12

Town of Mooresville
Catawba County
R-3833C
34554.1.3

This Project consists of improvements on SR 1100 from SR 1116 to 1000' feet east of US 21. This Utility Preliminary Engineering Design (UPED) agreement is for the Department to prepare plans for the municipal utility lines. The lump sum cost to the Municipality is \$48,254.79.

City of Shelby
Cleveland County
W-5712A
44858.1.1

This Project consists of intersection improvements at NC 180, NC 226 and SR 2202 in Shelby. This Utility Preliminary Engineering Design (UPED) agreement is for the Department to prepare plans for the municipal utility lines. The lump sum cost to the Municipality is \$4,042.96.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

Division 12, con't.

City of Statesville
Iredell County
EB-5818
44841.1.1
44841.3.1

This Project consists of construction of a Greenway Connector under US 21 in Statesville. This Supplemental Agreement modifies the Project funding source from TAPDA to STBGDA with no change in the amount of funding.

Division 13

Town of Forest City
Rutherford County
U-5833
50225.3.1

This Project consists of improvements on SR 2241 from SR 2159 to US 74. This Utility Construction Agreement (UCA) is to adjust and relocate municipal utility lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost is \$37,310.

City of Morganton
Burke County
U-5836
50228.3.1

This Project consists of improvements on NC 181 from SR 1221 to SR 1414. This Utility Construction Agreement (UCA) is to adjust and relocate municipal utility lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost is \$403,773.13.

Division 14

Great Smoky Mountain Railroad
Swain County
R-5843
47085.3.1

This Project consists of intersection improvements from Slope Street to Deep Creek Road in Bryson City. The Department is responsible for the Project. The Project will include Betterments and the Agency shall reimburse the Department the entire cost of the Betterments. The estimated cost is \$22,444.08.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

SUMMARY: There are a total of 21 agreements for informational purposes only.

Division 1

Outer Banks Sporting Events
Dare County
36249.3935

The Project consists of providing traffic control for the Outer Banks Marathon in Dare County, including but not limited to cones, signs, barricades, changeable message signs, and the associated labor to install and maintain them. The Developer shall reimburse the Department 100% of the cost. The estimated total cost of Project is \$20,000.

Albemarle District Jail
Commission
Camden, Pasquotank and
Perquimans Counties
1RE.201515
1RE.207015
1RE.207215

This Agreement provides for roadside litter/debris removal within state maintained roadways in Camden, Pasquotank and Perquimans Counties. The Jail Commission is responsible for the work. The Department shall reimburse the Jail Commission up to \$17,280 annually for the roadside litter/debris removal.

Division 3

Town of Warsaw
Duplin County
36249.3931

This Project consists of the redesign and installation of a traffic signal at US 117 (Pine Street) and SR 1347 (Hill Street) in Warsaw. The Municipality shall reimburse the Department 100% of the cost of the work. The estimated cost is \$83,000.

Town of Burgaw
Pender County
44493

This Project consists of the installation of pedestrian flashers on US 117 at 2 crosswalk locations: Satchwell Street/South Cowan Street at Osgood Trail/Johnson Park and South McNeil Street and Progress Drive in Burgaw. The Department will perform the work and the Municipality shall maintain the pedestrian improvements.

L&B UCEPP/RHPT Forum, LLC
New Hanover County
36249.3937

This Project consists of a signal modification at US 17 (Military Cutoff Road) at Forum Shopping Center Driveway/Parker Farm Drive related to the Forum Shopping Center Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the Department's work. The estimated cost is \$5,000.

Division 5

Bainbridge Communities
Acquisition II, LLC
Wake County
U-5828
44401.3.1

This Project consists of the construction of McCrimmon Parkway from SR 3015 (Airport Blvd.) to SR 1002 (Aviation Parkway) as a four lane, median-divided roadway in Morrisville. At the request of the Developer, the Project will include additional construction of a directional crossover on the McCrimmon Parkway Extension for access to Lake Crabtree Apartments II. The Developer will pay 100% of the cost of the work. The estimated cost is \$97,000.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

Division 5, con't.

Town of Wake Forest
Wake County
U-5118BA
42379.1.3
42379.3.3

This Project consists of improvements on Ligon Mill Road from US 1A to a point 1300 feet north. This Supplemental Agreement is to extend the completion date of the Project. The Municipality shall complete the Project by June 30, 2019 in lieu of December 31, 2018.

Division 7

Town of Yanceyville
Caswell County
48277

This Project consists of grading, drainage and paving of Quail Meadows Road in Yanceyville. State Contingency funds in the amount of \$230,000 have been allocated to pay for the work. The Department has agreed to allow the Municipality to reimburse the Department the actual cost of the road improvements in annual equal installments over a 15 year period from the Town's Powell Bill allocation.

Town of Carrboro
Orange County
U-4726DE
36268.3.F26

This Project consists of construction of 2100 linear-feet of a multi-use path from Bolin Creek to 200 feet south of Homestead Road in Carrboro. This Supplemental Agreement is to extend the Project completion date to December 31, 2019 in lieu of September 23, 2017.

Town of Carrboro
Orange County
U-4726DD
36268.3.35

This Project consists of construction of a sidewalk on the west side of Rogers Road from Homestead Road to Meadow Run Court in Carrboro. This Supplemental Agreement is to extend the Project completion date to June 30, 2020 in lieu of December 31, 2017.

Rockingham County
7RE.207917

This Project consists of litter/debris removal on secondary roads in Rockingham County. The Department shall reimburse the County for the actual cost of the litter/debris removal not to exceed \$23 per shoulder mile for the use of maintenance forces.

Town of Chapel Hill
Orange County
N/A

This Project consists of the installation of emergency generator plug-in locations on state routes in the Chapel Hill municipal limits. The Municipality is responsible for all phases of the Project. The Municipality will be responsible for any damage caused to the traffic signal equipment through installation of the generator transfer switches and will reimburse the Department 100% of the costs for any damage that is caused by their use.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

Division 8

City of Raeford
Hoke County
R-5788FA
44918.3.8

This Project consists of upgrading pedestrian curb ramps to current ADA Standards at the intersections of W. Elwood Avenue and N. Magnolia Street and E. Elwood Avenue and N. Sewart Street in Raeford. The upgrades will be included in a future construction Project. The estimated cost of the work is \$30,000. The Municipality shall reimburse the Department 20% of the actual cost. The estimated cost is \$6,000.

Town of Aberdeen
Moore County
R-5788FA
44918.3.8

This Project consists of upgrading pedestrian curb ramps to current ADA Standards at the intersection of E. Main Street and Campbell Street in Aberdeen. The upgrades will be included in a future construction Project. The estimated cost of the work is \$8,000. The Municipality shall reimburse the Department 20% of the actual cost. The estimated cost is \$1,600.

Town of Southern Pines
Moore County
R-5788FA
44918.3.8

This Project consists of upgrading pedestrian curb ramps to current ADA Standards at multiple municipal intersections in Southern Pines. The upgrades will be included in a future construction Project. The estimated cost of the work is \$197,000. The Municipality shall reimburse the Department 20% of the actual cost. The estimated cost is \$39,400.

Division 10

Town of Mount Pleasant
Cabarrus County
R-2533CC(L)
34448.3.11

This Project consists of landscape plantings at the intersection of NC 49 (Uwharrie Scenic Road) and NC 73 (West Franklin Street/Highway 73 East) in Mount Pleasant. The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after a one-year establishment period.

Division 12

City of Belmont
Gaston County
36249.3932

This Project consists of traffic signal upgrades on East Catawba Street at North Main Street and at Park Street/Keener Boulevard in Belmont. The Department shall review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% of the Department's work. The estimated cost is \$5,000.

Division 13

NC Division of Parks and
Recreation
Burke County
36249.3933

This Project consists of expanding the Jacob Fork Parking Area for the addition of approximately 30-50 parking spaces. The Department shall perform the work. The Agency shall reimburse the Department \$40,000 for the Department's work.

**NCDOT SEPTEMBER 2018 BOARD OF TRANSPORTATION AGENDA
Municipal and Special Agreements**

Division 14

Town of Franklin
Macon County
U-5604
45832.3.1

This Project consists of improvements on US 441 Business from US 23/US/64/US 441 to Porter Street in Franklin. The Department is installing lighting in the roundabouts on the Project and the Municipality will maintain the lights.

Fletcher Academy, Inc.
Henderson County
36249.3934

This Project consists of the installation of pedestrian flashers for the crosswalk on Naples Road (SR 1534) in front of Park Ridge Health. The Department will perform the work. The Academy shall reimburse the Department 100% of the cost. The estimated cost is \$13,000.

Town of Robbinsville
Graham County
36249.3936

This Project consists of pavement patching and asphalt surface treatment on Atoha Street from NC 143 Business to Snider Hill in Robbinsville. The Department shall perform the work. The Municipality shall reimburse the Department 100% of the Department's work. The estimated cost is \$15,173.40.

NCDOT September 2018 Board of Transportation Agenda

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

Division	County	Municipality	Road	Termini	Length
7	Caswell 2018_09_M001	Town of Yanceyville	SR 1572; SR 1576 Quail Meadow Road	To add Quail Meadow Road	0.200

Total Miles = 0.200

NCDOT September 2018 Board of Transportation Agenda

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

Division	County	Municipality	Road	Termini	Length
6	Roberson 2018_09_M001	City of Lumberton	SR 1536; (Water Street)	To delete Water Street	0.170

Total Miles = 0.170

NCDOT September 2018 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R - 1 & R - 2
2	Final Right of Way Plans	R - 3 & R - 4
3	Conveyance ROW Residue (HB 501)	R - 5
4	Approval of Conveyance of Highway Right of Way Residues	R - 6 & R - 7
5	Approval of Conveyance of Surplus Highway Right of Way	R - 8
6	Approval of Conveyance of Permanent Easement	R - 9
7	Advance Acquisition of Highway Right of Way	R - 10

Preliminary Right of Way Plans

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

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

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

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

(Division 1)

Martin County; I.D. No. R-2511; Project No. 35494.2.1:
US 17 from Washington Bypass North of NC 171 to Multi-Lanes South of Williamston

(Division 2)

Beaufort County; I.D. No. R-2511; Project No. 35494.2.1:
US 17 from Washington Bypass North of NC 171 to Multi-Lanes South of Williamston

(Division 5)

Wake County; I.D. No. P-5715; Project No. 46927.2.1:
CSX Crossing 630 607N at New Hope Church Road in Raleigh (correction for project submitted on the 06/2818 BOT Agenda)

(Division 6)

Cumberland County; I.D. No. U-6097; Project No. 47895.2.1:
Extend SR 2217 (Clark West Road) to access proposed Campbell Soup Company

(Division 9)

Forsyth County; I.D. No. U-2579AB; Project No. 34839.2.4:
Winston Salem – Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business/US 421

Preliminary Right of Way Plans (continued)

(Division 9) (continued)

Forsyth County; I.D. No. R-2247EB; Project No. 34409.2.19:
Winston Salem – Northern Beltway Interchange at US 52

Stokes County; I.D. No. R-5828; Project No. 47100.2.1:
US 311 (North Main Street) at SR 1918 (First Street) in Walnut Cove

(Division 10)

Union County; I.D. No. W-5601IJ; Project No. 50138.2.245:
SR 1004 (Lawyers Road) and SR 1539 (Rock Hill Church Road) near Stallings

(Division 11)

Yadkin County; I.D. No. B-5825; Project No. 45778.2.1:
Bridge No. 35 over The Yadkin River on NC 67

(Division 12)

Alexander County; I.D. No. R-5762; Project No. 44644.2.1:
Intersection of NC 16 and SR 1609 (County Home Road)

Cleveland County; I.D. No. R-2707E; Project No. 34497.2.15:
US 74 Shelby Bypass from US 74 West of SR 2238 to West of SR 1001 (Stoney Point Road)

Cleveland County; I.D. No. R-2707D; Project No. 34497.2.13:
US 74 Shelby Bypass from East of NC 150 to existing US 74 West of SR 2238 (Long Branch Road)

(Division 13)

McDowell County; I.D. No. U-5818; Project No. 44390.2.1:
SR 1001 (Sugar Hill Road) from I-40 Westbound Ramps to 0.3 miles West of I-40 Eastbound Ramps

Final Right of Way Plans

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

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

(Division 4)**Project No. 34552.2.4; Johnston County; I.D. No. R-3825B:**

Drainage, paving, grading, structures and signals on NC 42 from East of SR 1902 (Glen Laurel Road) to SR 1003 (Buffalo Road). Widen to multi-lanes with the right of way indicated upon the final plans for said project. Moved from August 2018 BOT Agenda

Project No. 50162.2.1; Halifax County; I.D. No. U-5725:

Drainage, paving, grading, signals, signing and structures on NC 125 from I-95 to Old Farm Road. (combine with R-3822) widen to multi-lanes with the right of way indicated upon the final plans for said project.

Project. No. 37765.2.5; Halifax County; I.D. No. R-3822:

Drainage, paving, grading, signals, signing and structures on new route from NC 125 to South of US 158 (combine with U-5725) construct a two-lane facility parallel to I-95 with the right of way indicated upon the final plans for said project.

(Division 7)**Project No. 47160.2.1; Alamance County; I.D. No. U-6015:**

Signals on various, upgrade Burlington-Graham signal system with the right of way indicated upon the final plans for said project.

(Division 14)**Project No. 50192.2.1; Macon County; I.D. No. R-5734A:**

Drainage, paving, grading, signals and culverts on US 23/US 441 from US 64 to SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle). Implement access management strategie with the right of way indicated upon the final plans for said project. Moved from August 2018 BOT Agenda

Final Right of Way Plans (continued)

(Division 14) (continued)

Project No. 50231.2.1; Henderson County; I.D. No. U-5840:
Drainage, paving and grading on SR 1547 (Old Airport Road) from US 25 to Mills Gap
Road, widen roadway

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 4)

US 117 Bypass from south of SR 1002 to south of SR 1342

Wayne County

Conveyance of an approximate 9.85-acre landlocked residue area to Janet L Thomas for the highest offer amount of \$3,250.00.

US 117 Bypass from south of SR 1342 Memorial Church Rd to south of SR 1639

Fate Rd

Wayne County

Conveyance of an approximate 0.10 -acre landlocked residue area to Nathan L Newsome Jr. LLC for the highest offer amount of \$100.00.

(Division 7)

Greensboro Eastern Loop from south of SR 3041 Clapp Farm Rd to US 70 relocation

Guilford County

Conveyance of an approximate 0.67 -acre residue area to Angela McClean Mallette and spouse David L Mallette III for the highest offer amount of \$14,000.00.

Greensboro Western Loop from north of I-85 near Groometown to north of High Point Rd

Guilford County

Conveyance of an approximate 0.27 -acre residue area to Dulce Patricia Nava Alanzo for the highest offer amount of \$15,000.00.

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 5)

**Project 8.1351302, Parcel U-2102 901 (131), Landis Drive in Durham
Durham County**

Conveyance of an approximate 0.370-acre residue area to Deer Track Land Corporation for the high bid amount of \$20,700.00.

(Division 7)

**Project 34418.2.3, Parcel R-2309AB 027/902, US 220 North in Greensboro
Guilford County**

Conveyance of an approximate 1.946-acre residue area to Charity Baptist Church for the high bid amount of \$89,000.00.

**Project 8.1513601, Parcel 011, I-85 near Groometown Road
Guilford County**

Conveyance of an approximate 0.440-acre residue area to Koury Ventures Limited Partnership for the high bid amount of \$26,565.00.

**Project 34429.2.2, Parcel R-2413A 039, US 220 North near Northwest School Road
Guilford County**

Conveyance of an approximate 20.380-acre landlocked residue area to Alcorn Road Two, LLC for the high bid amount of \$50,000.00.

**Project 34429.2.2, Parcel R-2413A 917, US 220 North near Northwest School Road
Guilford County**

Conveyance of an approximate 38.983-acre landlocked residue area to Mark Quinn for the high bid amount of \$101,000.00.

**Project 34429.2.2, Parcel R-2413A 923, US 220 North near Northwest School Road
Guilford County**

Conveyance of an approximate 6.404-acre landlocked residue area to Mark Quinn for the high bid amount of \$6,400.00.

(Division 8)

**Project 34480.2.GV1, Parcel R-2606B 077, US 311 Bypass from North of SR 1929
(Spencer Road) to US 220
Randolph County**

Conveyance of an approximate 0.190-acre residue area to Donald Ray Parrish III and Amber Robbins Parrish, the only interested adjacent owners, for the appraised value of \$75.00.

**Project 34480.2.GV1, Parcel R-2606B 073, US 311 Bypass from North of SR 1929
(Spencer Road) to US 220
Randolph County**

Conveyance of an approximate 2.250-acre residue area to Donald Ray Parrish III and Amber Robbins Parrish for the high bid amount of \$600.00.

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

(Division 10)

Project 344772.3.7, Parcel U-2009BA 901, Kannapolis Parkway from NC 73 to SR 1620 (Macedonia Church Road)

Cabarrus County

Conveyance of an approximate 0.050-acre residue area to Apartments at Coddle Creek, LLC, the only interested adjacent owners, for the appraised value of \$3,600.00.

CONVEYANCE ROW RESIDUE

9 PROJECT(S)

\$ 297,940.00

Approval of Conveyance of Surplus Highway Right of Way

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

(Division 1)

**Project 8.11223, US 158 near 1173 (Second Street0 in Kill Devil Hills
Dare County**

Abandonment of an approximate 0.456-acre permanent drainage easement area to the Town of Kill Devil Hills for no monetary consideration.

(Division 11)

**Project 9.8111577, U-2309, SR 1300 (Creekway Drive) near Main Street NW in
Lenoir
Caldwell County**

Abandonment of an approximate 0.241-acre permanent easement area to Whistle Pig Enterprises, LLC for no monetary consideration.

(Division 14)

**Project 34599.3.1, R-4047 034, NC 209 at SR 1375 (Access Road)
Haywood County**

Conveyance of an approximate 0.388-acre surplus right of way area to Haywood Office Park, LLC for the enhancement value of 40,725.00.

CONVEYANCE OF PERMANENT EASEMENT

3 PROJECT(S)

\$ 40,725.00

Approval of Conveyance of Permanent Easement

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

(Division 7)

**Project 34429.2.3, Future I-73 from SR 2127 (Brook Bank Road) to Haw River
Guilford County**

The Department acquired an approximate 4.670-acre residue area during construction near Oak Ridge Road and Deboe Road in Summerfield. Blue Ridge Companies has requested an approximate 0.495-acre permanent sanitary easement and a 0.458-acre temporary construction easement for the relocation, installation, and maintenance of two lateral lines installed under I-73 during construction. The Department has determined that this conveyance would do minimal damage to the property. Blue Ridge Companies has agreed to the conveyance for no monetary consideration.

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

There will be no Maintenance Allocation submitted to the Board for approval at the September 2018 Board meeting.

August 20, 2018

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Division

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

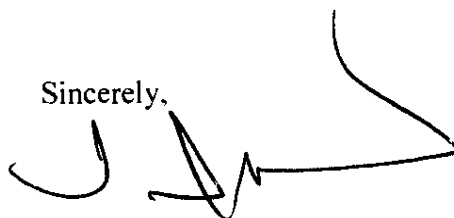
The Transportation Planning Division has worked cooperatively with the Duplin County on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by the Town of Beulaville on June 4, 2018, the Town of Calypso on June 4, 2018, the Town of Kenansville on June 4, 2018, the Town of Faison on June 6, 2018, the Town of Greenevers on June 11, 2018, the Town of Warsaw on June 11, 2018, the Town of Magnolia on June 12, 2018, the Town of Rose Hill on June 12, 2018, the Town of Wallace on June 14, 2018, the Town of Teachey on June 25, 2018, and Duplin County on July 2, 2018. It was endorsed by the Eastern Carolina RPO on July 19, 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=Duplin County](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Duplin%20County)

The Transportation Planning Division recommends the mutual adoption of the Duplin County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of July 25, 2018.

Sincerely,

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

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

Attachment

September 6, 2018

Adopted by:

Duplin County

Date: July 2, 2018

Town of Beulaville

Date: June 4, 2018

Town of Calypso

Date: June 4, 2018

Town of Faison

Date: June 6, 2018

Town of Greenevers

Date: June 11, 2018

Town of Kenansville

Date: June 4, 2018

Town of Magnolia

Date: June 12, 2018

Town of Rose Hill

Date: June 12, 2018

Town of Teachey

Date: June 25, 2018

Town of Wallace

Date: June 14, 2018

Town of Warsaw

Date: June 11, 2018

NCDOT

Date:

Endorsed by:

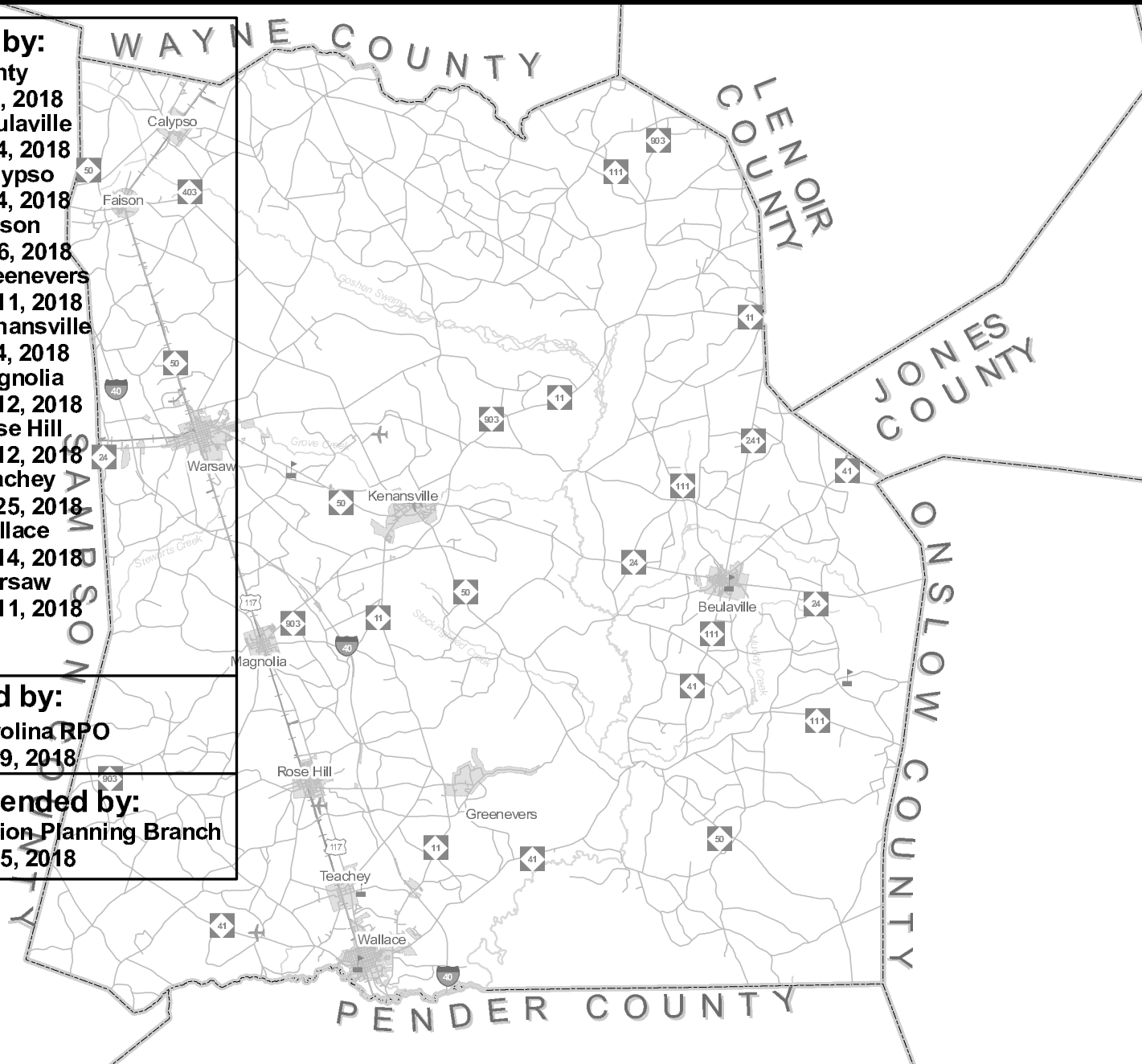
Eastern Carolina RPO

Date: July 19, 2018

Recommended by:

Transportation Planning Branch

Date: July 25, 2018



Duplin County

North Carolina
**RECOMMENDED
Comprehensive
Transportation Plan**

Plan date: May 7, 2018

- Sheet 1 **Adoption Sheet**
- Sheet 2 **Highway Map**
- Sheet 3 **Public Transportation and Rail Map**
- Sheet 4 **Bicycle Map**
- Sheet 5 **Pedestrian Map**

- Airports
- Schools
- Roads
- Rivers and Streams
- Duplin Rail
- County Boundary
- Municipal Boundary



Sheet 1 of 5



Base map date: 4-28-2015

Refer to CTP document for more details

NORTH CAROLINA BOARD OF TRANSPORTATION

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



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

PRODUCT HIGHLIGHT – Duraslot®



Duraslot

Duraslot, which is manufactured by Advanced Drainage systems, is a slotted trench drainage system used to collect storm water along the shoulders or medians of roadways. Slotted trench drains are often used on flatter surfaces that don't have a natural slope to prevent standing water. Typical slotted trench drains are made using corrugated metal or concrete pipe with steel or cast-iron grates. Duraslot is comprised of corrugated polyethylene pipe with an aluminum slotted riser on top. These materials help avoid corrosion issues by being impervious to most acids, road salt, and storm water contaminants. The polyethylene pipe also contains a smooth inner wall for increased flow to help prevent clogging and debris buildup. For installation, Duraslot pipe is placed in a trench along the pavement and braced in place for concrete to be poured around it and consolidated by vibration. The pipes are installed at a slope to help drainage and can include a grate on the slotted riser to reduce the maintenance required to remove debris from clogged drains.

Advanced Drainage System has been working with the NCDOT Hydraulics Unit and Field Engineers on installing their Duraslot product on project I-4750AA along I-77 in Huntersville. This is a field trial to see how it performs. Over 5,000 feet have been placed with about 4,500 feet left to install. The Department will monitor the performance of Duraslot over time to ensure that its performance is satisfactory. DOT Engineers believe that even with similar upfront costs to traditional trench drains, there will be an overall savings due to the expected decrease in maintenance from the previously mentioned clogging improvements and corrosion protection.

More information can be found at:

<https://www.ads-pipe.com/products/pipes/duraslot-trench-drain>



Completed Duraslot Installation

PRODUCT INNOVATION – Fog Seal

Treating an existing asphalt roadway with fog seal can be comparable to putting a wax coat on your car's paint. Fog seal protects the road from the elements much like wax protects the paint. It's an asphalt surface treatment application used to maintain asphalt pavement and extend its life – in some cases up to 7 years. Each application can last 3 years or more. In addition to making the road look freshly paved, it locks the exposed stone in place, seals small crack and surface voids, and seals the surface against weather elements. Fog seal is made up of water diluted emulsified asphalt and doesn't require sand and stone to be mixed in. Those aspects allow it to be a low-cost solution to improve the life of low volume roads with speed limits of 35 mph or less. Emulsified asphalt with aggregate is preferred for roads with higher speeds since it provides higher skid resistance. For application, the fog seal is heated to between 160°F to 170°F. The mixture is then spray applied using a conventional tack distributor truck, and the road can be used in 2-6 hours depending on weather conditions. Typical costs for application can range from \$0.85 to \$1.50 per square yard. Crack sealant can be applied to larger cracks prior to applying the fog seal for better preservation.



Roadway recently treated with Fog Seal

This type of application is now being used by many state DOT's as well as multiple divisions in NCDOT across the state including Divisions 5, 7, and 8. Division 8 District offices have utilized fog seal on seven contracts for rehabilitating secondary roads so far and plan to continue using it in the future. They picked fog seal to help re-seal the aging roads and rejuvenate the appearance. Division 8's first application began in 2011 but started being utilized more in 2015. The 12 month inspections have all been satisfactory.

More information can be found at

<https://connect.ncdot.gov/projects/research/RNAProjDocs/2010-02FinalReport.pdf>



NORTH CAROLINA
Department of Transportation



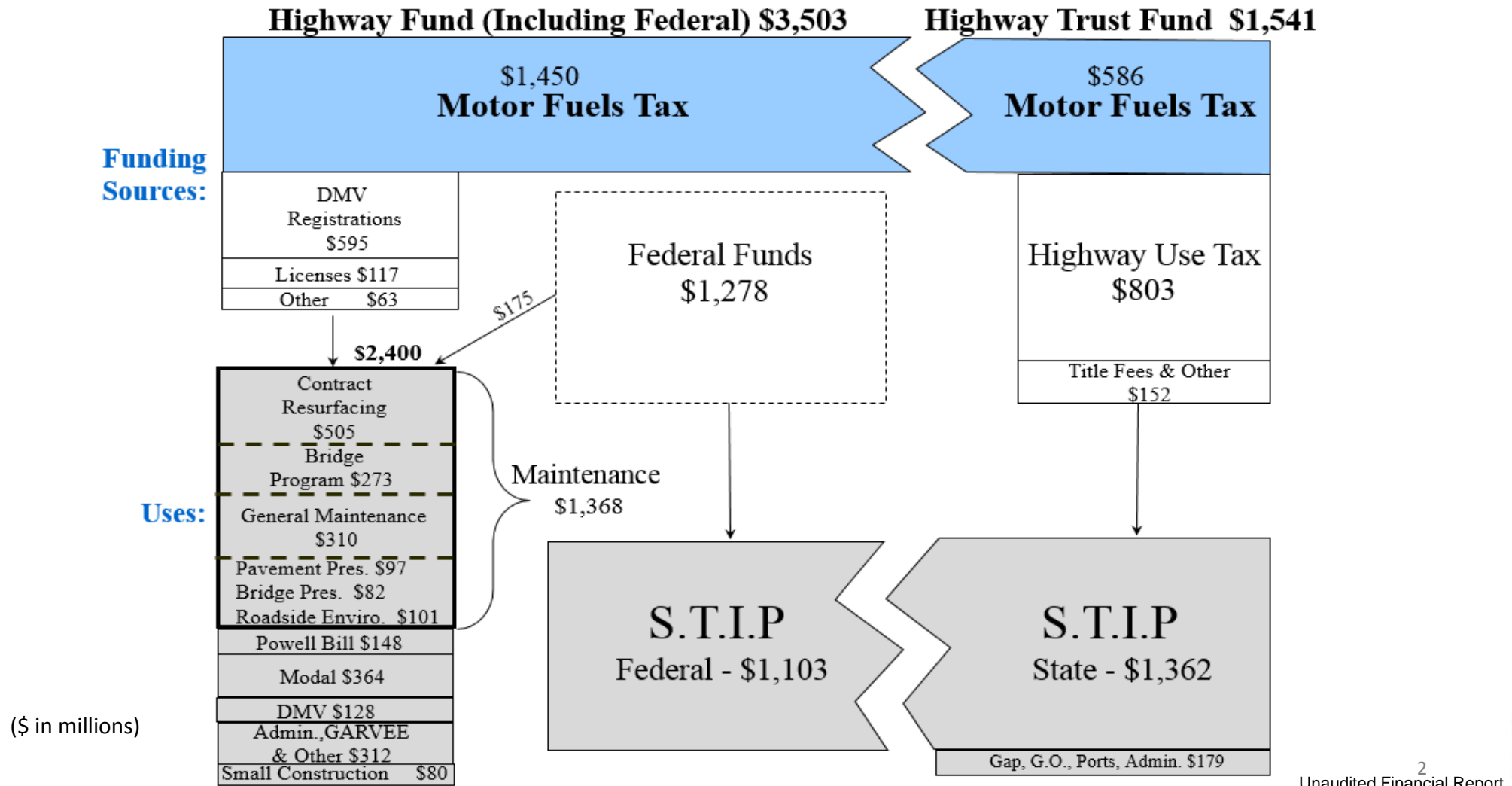
Financial Update

As of July 2018

Evan Rodewald, Chief Financial Officer

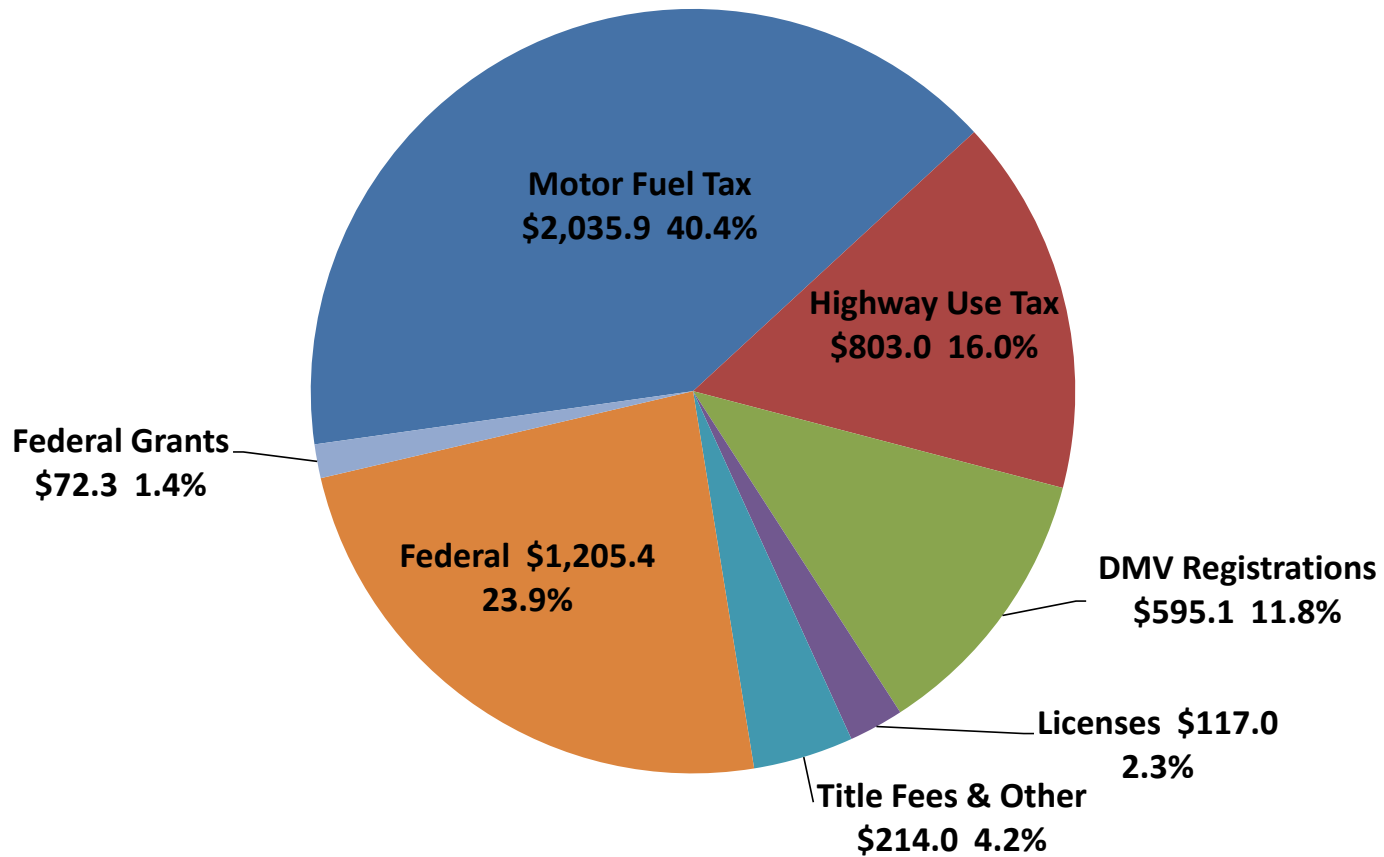
September 5, 2018

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



NCDOT Revenue Sources SFY2019 - \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)

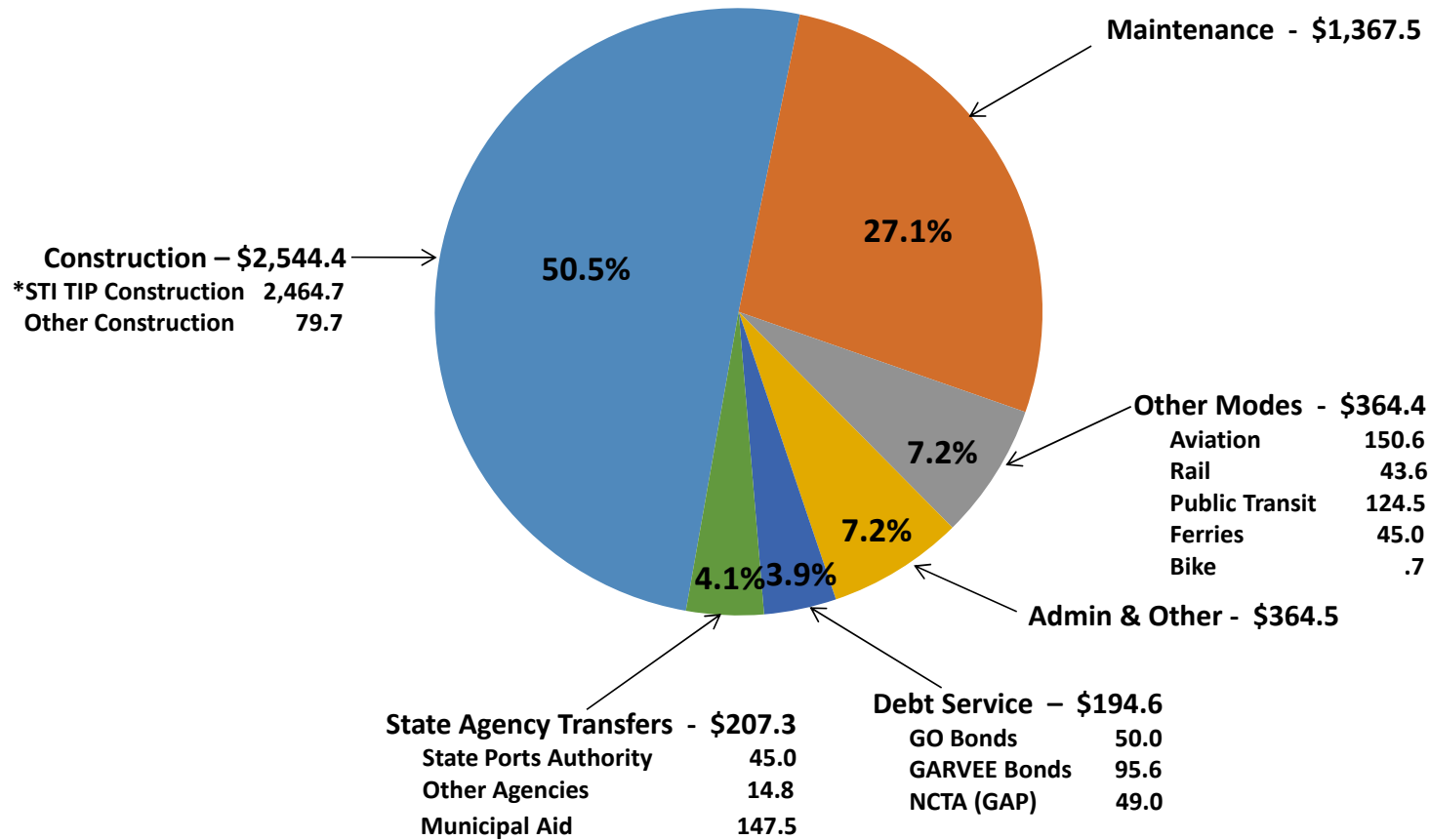


(\$ in millions)

Uses of 2018-19 NCDOT Appropriations

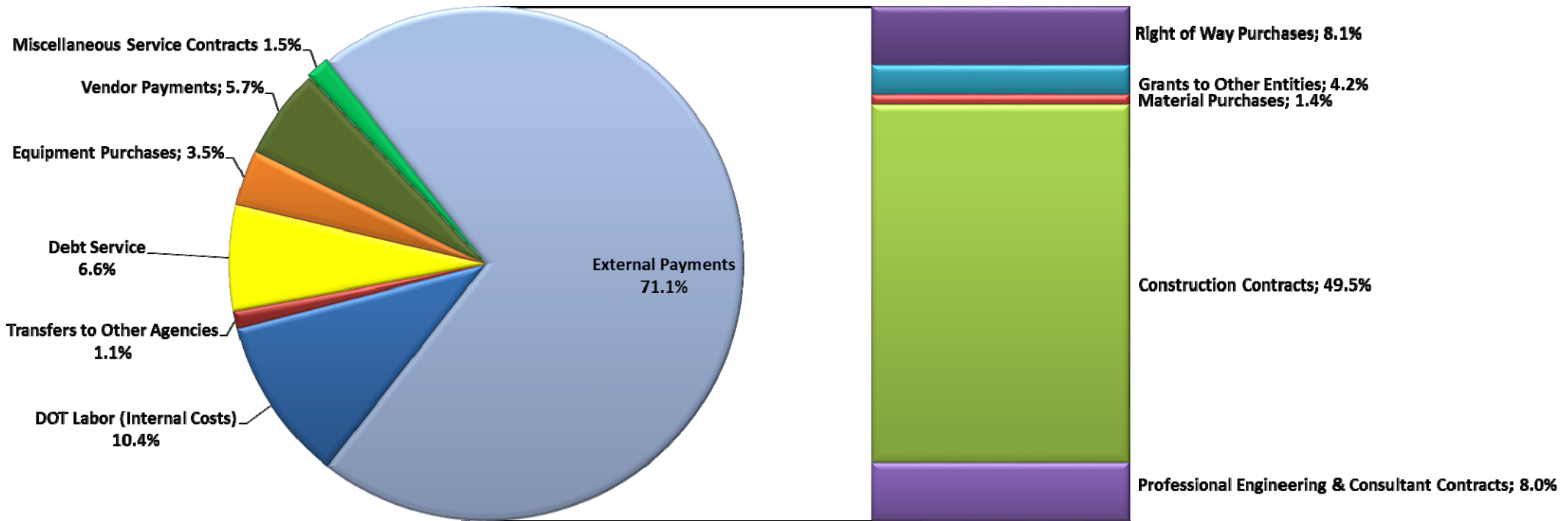
Total Funding = \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)

NCDOT Expenditures SFY2019 as of July 31, 2018



Revenue Summary July 2018

(\$ in Millions)

	July 2018	July 2017	Year Over Year				2018-2019 SFY Budget	
			2017-2018 YTD Actual	2016-2017 YTD Actual	\$ Δ	% Δ	Annual Budget	% Δ
State & Federal Collections*:								
State Highway Fund Revenues	\$ 190.7	\$ 181.6	\$ 2,178.3	\$ 2,132.1	\$ 46.2	2%	2,224.5	9%
State Highway Trust Fund Revenues	132.2	121.8	1,532.9	1,497.5	35.4	2%	1,540.5	9%
Total State Funds	323.0	303.4	3,711.2	3,629.6	81.6	2%	\$ 3,765.0	9%
Federal Funds/Participation	72.9	74.1	1,327.2	1,368.3	(41.1)	-3%	1,277.7	6%
GARVEE Bond Proceeds	-	-	31.2	221.4	(190.2)	-	N/A	N/A
Total	\$ 395.9	\$ 377.4	\$ 5,069.6	\$ 5,219.3	\$ (149.7)	-3%	\$ 5,042.7	8%
<hr/>								
	July 2018	July 2017	Year Over Year				SFY Budget	
			2017-2018 Actual	2016-2017 Actual	\$ Δ	% Δ	Annual Budget	% Δ
Highway Fund & Trust Fund Details								
Motor Fuel Taxes	\$ 175.8	\$ 167.5	\$ 1,979.4	\$ 1,913.7	\$ 65.7	3%	\$ 2,035.9	9%
Highway Use Tax	67.9	61.9	797.1	784.0	13.1	2%	803.0	8%
DMV/Other Revenue	79.2	73.9	904.7	908.5	(3.8)	0%	913.1	9%
Investment Income	-	-	30.0	23.5	6.5		13.0	0%
Total Revenue	\$ 323.0	\$ 303.4	\$ 3,711.2	\$ 3,629.6	\$ 81.6	2%	\$ 3,765.0	9%

*Excludes NCTA Revenues

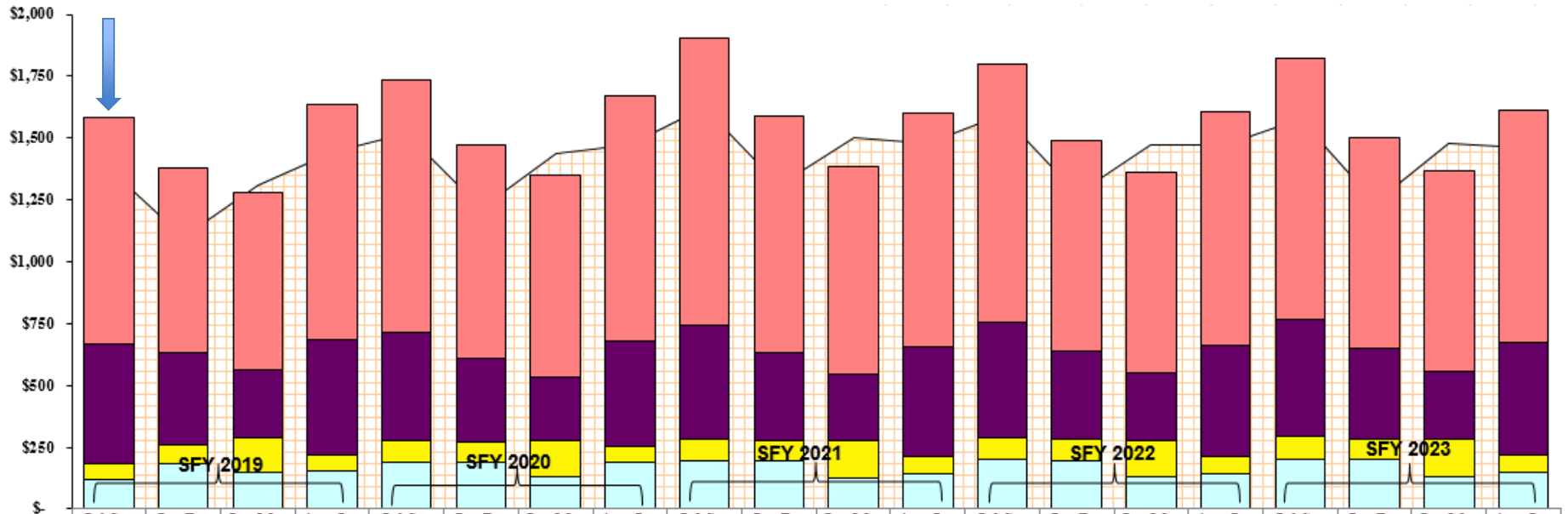
Expenditure Summary July 2018

(\$ in millions)

			Year Over Year				SFY Annual Budget	
	July-18	July-17	2017-2018 Actual	2016-2017 Actual	\$ Δ	% Δ	2018-2019 Budget	% Δ
State & Federal Funded Programs:								
Construction	\$ 279.7	\$ 206.8	\$ 3,002.7	\$ 2,297.3	\$ 705.4	31%	\$ 2,544.4	11%
Maintenance	149.0	128.0	1,743.0	1,411.4	331.6	23%	1,367.5	11%
Other Modes	16.1	37.6	352.8	357.2	(4.4)	-1%	364.4	4%
Administration/Other Programs	(59.5)	(44.1)	311.7	299.4	12.3	NA	364.5	-16%
Debt Service (Including NCTA GAP funds)	-	-	197.1	209.4	(12.3)	0%	194.6	0%
Municipal Aid	-	(0.1)	147.7	147.2	0.5	0%	147.5	0%
Transfers to Other Agencies	13.6	2.0	59.4	45.6	13.8	NA	59.8	23%
Total Expenditures*	\$ 398.9	\$ 330.3	\$ 5,814.4	\$ 4,767.5	\$ 1,046.9	22%	5,042.7	8%

*Excludes NCTA Expenditures

60 Month Revenue & Expenditure Projections as of July 2018



	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
□ Revenues	\$1,379	\$1,098	\$1,310	\$1,440	\$1,518	\$1,218	\$1,436	\$1,469	\$1,624	\$1,307	\$1,499	\$1,475	\$1,593	\$1,275	\$1,475	\$1,473	\$1,577	\$1,239	\$1,478	\$1,458
■ Construction Expenditures	917	746	716	950	1017	864	816	994	1161	961	843	948	1048	852	812	941	1059	850	810	942
■ Maintenance Expenditures	486	372	275	465	441	340	259	425	458	354	268	441	466	359	273	449	472	364	277	455
■ Other Modes	64	77	139	65	85	80	143	67	88	83	148	69	89	84	150	70	91	85	152	71
□ Other Expenditures	117	184	148	154	189	189	131	187	195	194	127	142	198	197	129	144	201	200	131	146
Total Expenditures	\$1,584	\$1,379	\$1,278	\$1,633	\$1,732	\$1,473	\$1,348	\$1,673	\$1,902	\$1,591	\$1,386	\$1,601	\$1,801	\$1,493	\$1,364	\$1,604	\$1,823	\$1,499	\$1,370	\$1,615

Financial Update

SFYTD 2019 as compared SFYTD 2018

(\$ in millions)

	July '18	July '17	YTD 2018	YTD 2017	\$ Change
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 396	\$ 377	\$ 5,070	\$ 5,219	\$ (149)
Expenditures	<u>399</u>	<u>330</u>	<u>5,814</u>	<u>4,768</u>	<u>1,046</u>
Net Change	\$ (3)	\$ 47	\$ (744)	\$ 451	\$ (1,195)
Cash Balances:					
Highway Trust Fund			\$ 1,254	\$ 1,777	
Highway Fund*			<u>30</u>	<u>339</u>	
Totals			<u>\$ 1,284</u>	<u>\$ 2,116</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-4795A	Winston Salem Transit Authority	STPDA (Replacement Vehicles)	STPDA	5307		800								
			Local	L		200								
TO-6161	Winston Salem Transit Authority	CMAQ Extended Night, Saturday and Sunday Services for WSTA	CMAQ	CMAQ	810	810	810							
			Local	L	203	203	203							
TG-6803	Davidson County Transportation	Purchase 2 buses	CMAQ	5307		125								
			Local	L		32								
TG-6784	Cape Fear Public Transportation Authority	Preventive Maintenance	FUZ	STBGDA	350									
			Local	L	88									
TA-6700	Cape Fear Public Transportation Authority	ADA	5307	STBGDA	150									
			Local	L	38									

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.

TD-4721	Cape Fear Public Transportation Authority	Preventive Maintenance	5307	STBGDA	1700									
			Local	L	425									
TA-4795A	Piedmont Authority for Regional Transportation	Replacement Vehicles	5307	STPDA	800									
			Local	L	200									
TA-6682	Durham, Chapel Hill, Carrboro	Replacement Vehicle	5307	CMAQ	400									
			Local	L	100									
TG-6186	Piedmont Authority for Regional Transportation	Routine Capital	FUZ	5307	100									
			Local	L	25									
TO-5209	Piedmont Authority for Regional Transportation	Operating Fixed Route	FUZ	5307	200									
			Local	L	200									
TG-6185	Piedmont Authority for Regional Transportation	Routine Capital	FUZ	5307	100	74	74	74	74	74	74	74	74	74
			Local	L	25	19	19	19	19	19	19	19	19	19

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.

TO-5209	Piedmont Authority for Regional Transportation	Operating Fixed Route	FUZ	5307	200	227	227	227	227	227	227	227	227	227
			Local	L	200	227	227	227	227	227	227	227	227	227

Item I-1B, (12) Projects, Total Federal and State funds \$10,064,000



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS MEETING MINUTES

DATE: 8/1/18 TIME: 4:04 pm LOCATION: 150

MEETING CALLED BY	Chairwoman Valerie Jordan called the meeting to order
BOARD ATTENDEES	Hugh Overholt, Thomas Taft, Jr., Mike Fox representing for Cullie Tarleton, Sam Bowles

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF MAY 30, 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 May 30, 2018 EDIR committee meeting minutes as distributed was made by Chairwoman Jordan. A motion was made by Hugh Overholt and seconded by Mike Fox. The committee approved unanimously.
2. MINORITY/DIVERSITY SPENDING EFFORTS AND PERFORMANCE METRICS UPDATE – SHELBY SCALES, OFFICE OF CIVIL RIGHTS DIRECTOR	
DISCUSSION SUMMARY	<p>Mrs. Scales updated board members on the progress of the minority spend efforts to keep them updated on a regular basis.</p> <p>She has worked with division engineers to gain an understanding of their needs to re-gage their participation of OCR programs.</p> <p>Mrs. Scales highlighted work with DIT and mentioned the audit for their resources which will soon show data analysis results.</p> <p>Mrs. Scales gave an overview of the SBE, SPSF, and HUB programs and their progress. She also mentioned how they support the Executive 25 Order by working with Divisions and developing plans that are reported out on quarterly. The effort is to maximize resources through training to get employees and new projects.</p> <p>Mrs. Scales explained to the new board members that the acronym DBE meant Disadvantaged Business Enterprises.</p> <p>Questions/Comments:</p> <p>Board members asked how they are recruiting with the OJT program to secure selected candidates.</p> <p>Mrs. Scales answered that OJT notifications are distributed and candidates are vetted before entering program.</p>
ACTIONS TAKEN	No action taken.
ADJOURNED 4:34 PM	



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) AGENDA

BOARD OF TRANSPORTATION SEPTEMBER 5, 2018

TIME: 3:50 pm

LOCATION: Room 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of August 1, Meeting Minutes	Chair, Valerie Jordan	3:50-3:55
Opening remarks about discussion	Chief Deputy Secretary, David Howard	3:55-4:00
Year –End Review and New Yearly Preparation	NCDOT Governance Staff	4:00-4:50
Comments and Wrap up	Chair, Valerie Jordan	4:50-4:55
Adjourn	Chair, Valerie Jordan	4:55-5:00



NORTH CAROLINA

Department of Transportation



EDIR Committee Meeting Long Range Planning Session

September 5, 2018

Overview

- Objective of Session
- Recap of 2017 – 2018 Committee Meeting Focus Areas and Topics
- Review 2018 – 2019 Recommended Committee Meeting Focus Areas and Operational Definitions
- Brainstorm Topic Ideas that align with the agreed upon 2018 – 2019 Focus Areas

Session Objectives

At the end of this session, we will be able to:

- ☑ Identify and define key focus areas for the EDIR Committee
- ☑ Strategically align meeting topics with focus areas
- ☑ Draft Long Range Plan for the 2018 – 2019 EDIR Committee Meetings



EDIR Committee Mission Statement

The Economic Development and Intergovernmental Relations (EDIR) Committee fosters collaboration and relationships with military partners, legislators, and state agencies to connect people, products and services that provide North Carolina the infrastructure needed to be the economic super hub of the Southeast



Recap of 2017 – 2018 Focus Areas

Advanced Technology

- Update technology to become helpful in all fields of DOT which can increase our efficiency and effectiveness in method and processes between divisions and across the Department.
- Increase supplier diversity with strategic suppliers.

OCR/HBCU Programming & Partnerships

- Increase efforts to support minority and disadvantaged businesses across the state with goal of increasing our spend with both small and minority owned businesses.
- Strengthen partnerships between Historically Black Colleges and Universities as well as community colleges.
- Strengthen involvement with transportation initiatives and programs at these universities.
- Bridging OJT purpose and objectives with high school partnerships in creating the new workforce for DOT

Infrastructure Connectivity/ Intergovernmental Relationships

- Increasing connectivity of GTP, Ports, Military, Rail and Aviation while strengthening relationships within the community in these areas
- Utilizing our infrastructure for tourism and special events to drive economic impact in these communities.
- Building relationships with other state agencies in increased efforts to learn from and present lasting partnerships

Recap of 2017 Meeting Topics

Advanced Technology

November 2017

- **Panel Discussion** - Introduction to future of advanced technology and transportation
- **Turnpike Authority** - Presentation on Memorandum Agreement with USDOT to attract auto industry testing in NC and issues with EZ Pass Stickers
- **SAS** - Presentation on multiple streams of technology (cars, mobile phones, health and factory connections)

OCR/HBCU Programming & Partnerships

May 2017

- **DBE, MBE and WBE program update**

September 2017

- **Civil Rights** - DBE, HBCU (Intern summary, outreach efforts, etc.) & OJT Metrics
- **Chief Deputy Secretary** - Intro of Workforce Dev opportunities
- **TEA Program** – Overview and update of TEA program

December 2017

- **Panel Discussion** – Intro to Workforce Development Efforts & Partnerships
- **OCR** - Presentation of Executive Order 25 (continue training & development for small DBEs)
- **NC Government Relations** - Build Your Career Program (encourages students to consider careers in Construction)

Infrastructure Connectivity/ Intergovernmental Relationships

May 2017

- **Infrastructure Connectivity** (via Ports, Rail, Global Transpark, Aviation)
- **Intergovernmental relationships**

July 2017

- **Tournament Event** - Economic impact of National events in NC and role of NCDOT Division (i.e., 99th Charlotte PGA Tournament in 2018)
- **General Economic Development** – Committee discussion on minority contracting

Recap of 2018 Meeting Topics to Date

Advanced Technology

February 2018

- **Precision Hawk** – Snapshot of hardware and software offered to government agencies and their strategic vision for NCDOT
- **ITRE** – Presentation on representation of Drones on a national level

OCR/HBCU Programming & Partnerships

April 2018

- **NC A&T Advanced Transportation Mobility** – Activities and programs within CATM and Initial Center Funded research projects
- **HBCU** – HBCU outreach initiatives, mission, vision & five strategic priorities and enrollment of summer intern programs.

Infrastructure Connectivity/ Intergovernmental Relationships

January 2018

- **Piedmont Triad Partnership** - Overview of occupational levels and expectancy as well as talent programs for career pathways
- **NC Department of Commerce** – Sustaining jobs and rural planning and infrastructure plans in the future

June 2018

- **NCMBC and Federal Market Overview** – NC Defense Technology Transition Office and websites to retrieve info on professions and skillsets transition out of military
- **NC Military and Veteran Affairs** - Highlights of four project deliverables for the NC Defense Industry Diversification Initiative and Overview of supply chain mapping criteria and strategic capacity report

Recommended 2018-2019 Focus Areas

Advanced Technology

- Update technology to become helpful in all fields of DOT which can increase our efficiency and effectiveness in method and processes between divisions and across the Department
- Increase supplier diversity with strategic suppliers (Technology Advisory Board)

Diversity & Inclusion

TBD by Committee

Economic Development & Transportation

TBD by Committee

Diversity & Inclusion

Operational Definition

Current Definition:

OCR/HBCU Programming & Partnerships

- Increase efforts to support minority and disadvantaged businesses across the state with goal of increasing our spend with both small and minority owned businesses.
- Strengthen partnerships between Historically Black Colleges and Universities as well as community colleges.
- Strengthen involvement with transportation initiatives and programs at these universities.
- Bridging OJT purpose and objectives with high school partnerships in creating the new workforce for DOT

Diversity & Inclusion.....

Using index card provided

1. Write down key words, phrases and/or ideas you believe will help to describe the focus area
2. Committee Staff will work with your ideas to craft a draft definition

Economic Development & Transportation Operational Definition

Current Definition:

Infrastructure Connectivity/ Intergovernmental Relationships

- Increasing connectivity of GTP, Ports, Military, Rail and Aviation while strengthening relationships within the community in these areas
- Utilizing our infrastructure for tourism and special events to drive economic impact in these communities.
- Building relationships with other state agencies in increased efforts to learn from and present lasting partnerships

Economic Development & Transportation.....

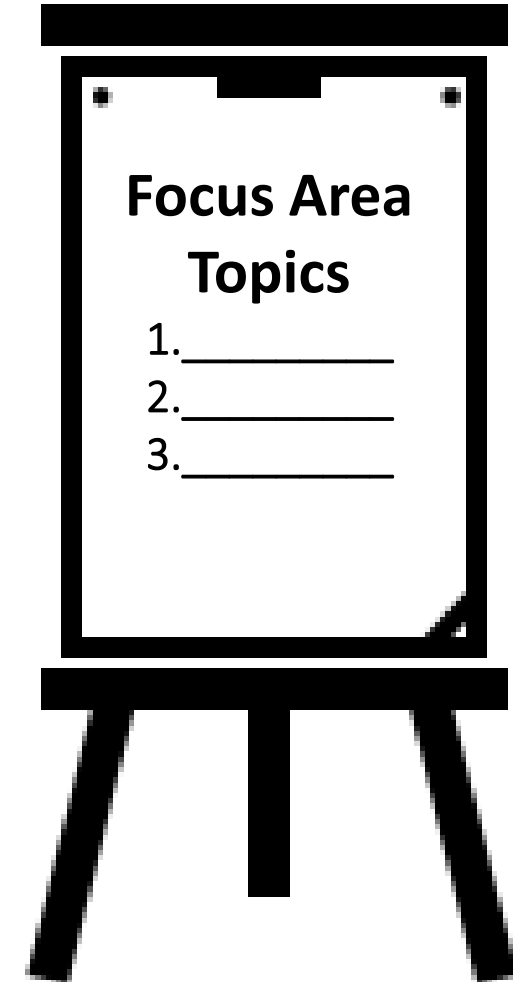
Using index card provided

1. Write down key words, phrases and/or ideas you believe will help to describe the focus area
2. Committee Staff will work with your ideas to craft a draft definition

Focus Area Topics - Brainstorming Session

Using the post-it notes provided...

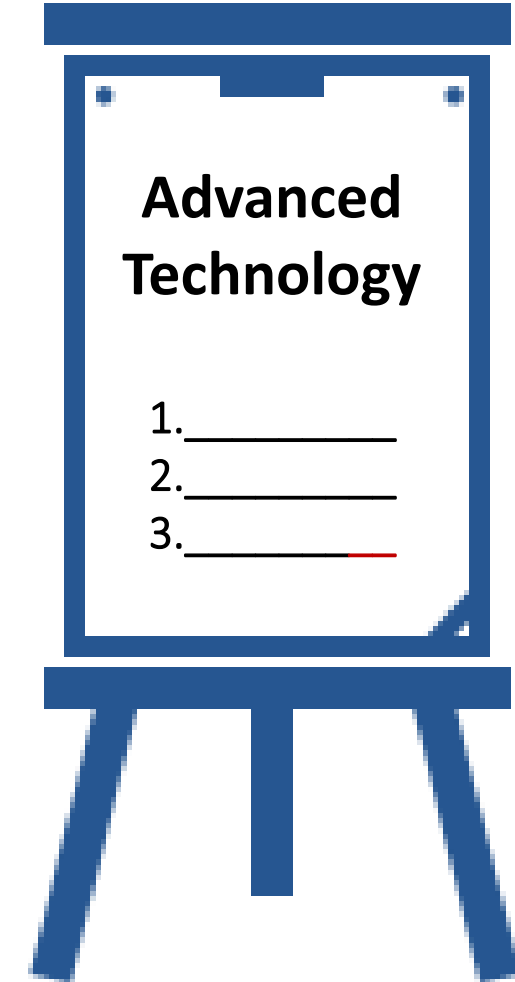
1. Identify two to three potential topics for each focus area (write one topic per post-it note)
2. Place each post-it note on the appropriate focus area chart



Focus Area - Advanced Technology

New Definition

- Update technology to become helpful in all fields of DOT to increase our efficiency and effectiveness in method and processes between Divisions and across the Department
- Increase supplier diversity with strategic suppliers



Focus Area – Diversity & Inclusion

TBD by Committee – Current Definition

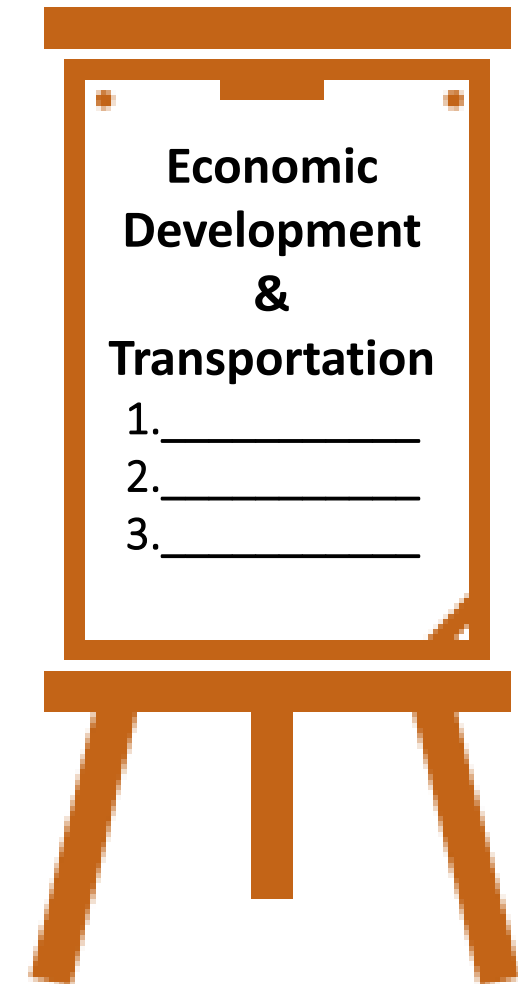
- Increase efforts to support minority and disadvantaged businesses across the state with goal of increasing our spend with both small and minority owned businesses
- Strengthen partnerships between Historically Black Colleges and Universities as well as community colleges
- Strengthen involvement with transportation initiatives and programs at these universities
- Bridging OJT purpose and objectives with high school partnerships in creating the new workforce for DOT



Focus Area – Economic Development & Transportation

TBD by Committee – Current Definition

- Increasing connectivity of GTP, Ports, Military, Rail and Aviation while strengthening relationships within the community in these areas
- Utilizing our infrastructure for tourism and special events to drive economic impact in these communities
- Building relationships with other state agencies in increased efforts to learn from and present lasting partnerships



Committee Meeting Schedule

Suggested options for scheduling topics

- 3 month rotation...
- Seasonal...
- Other

September 2018	November 2018	December 2018
January 2019	February 2019	April 2019
May 2019	June 2019	August 2019

****March 2019 and July 2019 are Travel Months – No Committees****

- Draft operational definitions for focus areas
 - Economic Development & Transportation
 - Diversity & Inclusion
- Refine topics and identify speakers
- Formalize the EDIR Committee meeting long range plan





FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

DATE: August 1, 2018 TIME: 3:40pm LOCATION: EIC

MEETING CALLED BY	Chairman Tony Lathrop
BOARD ATTENDEES	Chairman Tony Lathrop, Nina Szlosberg-Landis, Jack Debnam, Grady Hunt, Mike Alford, and Pat Molamphy

AGENDA TOPICS

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

2. Presentation on Association of General Contractors (AGC), Transportation Funding and Construction Industry – Barry Jenkins	
DISCUSSION SUMMARY	<p>The CAGC has 815 members from NC and SC. Members do over 95% of NCDOT outsourced work. CAGC does not promote or advocate specific products and cover all types of construction (homebuilders excluded). Membership firms are of all sizes and range from local, family-owned, national and international firms.</p> <p>Some of their key Committees are:</p> <ul style="list-style-type: none"> • Joint Cooperative • Roadway • Structure • Design Build • Others was warranted <p>Berry Jenkins is one of the Lobbyist who lobby and advocate in the General Assembly and at NC Department of Environmental Quality (NCDEQ) on matters impacting NCDOT. Assist in providing firms for participation in constructability reviews on more complex projects. Review specifications and run through committees.</p> <p>CGA provides input when requested on DOT processes and efficiency's (DOT management and Legislative Committees. Partner with DOT on safety programs and assist DOT programs with training and instructors.</p> <p>CGA is currently working on workforce development issues.</p>
ACTIONS TAKEN	N/A



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

3. Overview of the State Street-Aid (Powell Bill) Funding Program – Majed Al-Ghandour	
DISCUSSION SUMMARY	<p>Powell Bill was initially passed in 1953. The goal was to provide financial assistance to municipalities for municipally-maintained streets.</p> <p>Some of the eligible activities are maintaining, repairing, constructing, reconstruction, or widening of any streets or bridges, Traffic Control, planning, construction, and maintenance on streets, sidewalks, bikeways, and greenways.</p> <p>Some ineligible uses are construction and repair on private streets, street lighting, purchase or maintenance of parking meters, street name signs and leaf vacuums.</p> <p>Powell Bill Reporting System</p> <ul style="list-style-type: none"> • Submit Certified Statement and Powell Bill Reports electronically • Improved communication • Online Access • View Powell Bill allocation, expenditures, balance and history <p>Why does NCDOT need the Fiscal Data Report? The Federal Highway is another internal report that the Powell Bill runs. This information comes from the municipalities Fiscal Data Report. This is why it is important for municipalities to submit the Fiscal Data Report by the due date of December 1st each year.</p>
ACTIONS TAKEN	N/A

4. 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 SEPTEMBER 5, 2018

TIME: 3:40pm – 5:00pm

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Meeting Minutes Update · Approval of August 2018 meeting minutes	Tony Lathrop, Chair	3:40pm
Financial Update	Evan Rodewald	3:45pm
Cash Balance Update	Evan Rodewald	4:00pm
Follow-up information on Build NC and GARVEE Bonds	Evan Rodewald	4:15pm
Adjourn	Tony Lathrop, Chair	4:30pm

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 1

F-5706 HATTERAS - SOUTH DOCK, CONSTRUCT PASSENGER
DARE FERRY.
HYDE PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
PROJ.CATEGORY STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
REGIONAL PROJECT.

R-4457 US 158, NC 12. IMPROVE INTERSECTION.
DARE PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
PROJ.CATEGORY STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
REGIONAL PROJECT.

R-5879 US 13/US 17, MAIN STREET IN WILLIAMSTON. IMPROVE
MARTIN INTERSECTION.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

DIVISION 2

AV-5891 EWN - COASTAL CAROLINA REGIONAL AIRPORT,
CRAVEN RUNWAY EXTENSION.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* B-6045	SR 1302 (JANERIO ROAD), REPLACED BRIDGE 680057	RIGHT-OF-WAY	FY 2022 -	\$600,000	(STBGOFF)
PAMLICO	OVER DAWSON CREEK.	CONSTRUCTION	FY 2023 -	\$6,000,000	(STBGOFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$6,600,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

R-5884 NC 58 (EMERALD DRIVE), LOON STREET. INSTALL
CARTERET ROUNDABOUT.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
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DIVISION 2

R-5886 NC 58 (EMERALD DRIVE), SR 1000 (COAST GUARD
CARTERET ROAD). INSTALL ROUNDABOUT.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

R-5897 NC 32, BRICK KILN ROAD. IMPROVE INTERSECTION.
BEAUFORT PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
PROJ.CATEGORY STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
REGIONAL PROJECT.

R-5898 NC 58 (KINGOLD BOULEVARD), SR 1105 (GREENRIDGE
GREENE ROAD) TO CAROLINA DRIVE. UPGRADE ROADWAY.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

U-6125 NC 33 (10TH STREET), OXFORD ROAD TO SR 1702
PITT (EVANS STREET). ACCESS MANAGEMENT.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

U-6147 NC 43 (CHARLES BOULEVARD), US 264A (GREENVILLE
PITT BOULEVARD) TO SR 1726 (BELLS FORK ROAD).
PROJ.CATEGORY ACCESS MANAGEMENT.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

DIVISION 3

* B-5310	SR 1817 (BRADSHAW ROAD), REPLACE BRIDGE 810188	RIGHT-OF-WAY	FY 2022 -	\$150,000	(STBG OFF)
SAMPSON	OVER WARD SWAMP.	CONSTRUCTION	FY 2023 -	\$1,500,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,650,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

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DIVISION 3

* B-5629	SR 1515 (OLD MILL CREEK ROAD SE), REPLACE	RIGHT-OF-WAY	FY 2022 -	\$150,000	(STBGOFF)
BRUNSWICK	BRIDGE 090040 OVER MILL CREEK.	CONSTRUCTION	FY 2023 -	\$1,500,000	(STBGOFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,650,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-5632	SR 1828 (CYPRESS CREEK ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2022 -	\$190,000	(STBGOFF)
DUPLIN	300187 OVER BLACK SWAMP.	CONSTRUCTION	FY 2023 -	\$1,900,000	(STBGOFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$2,090,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-5647	SR 1135 (PROVIDENCE CHURCH ROAD), REPLACE	RIGHT-OF-WAY	FY 2022 -	\$150,000	(STBGOFF)
DUPLIN	BRIDGE 300052 OVER ROCKFISH CREEK.	CONSTRUCTION	FY 2023 -	\$1,500,000	(STBGOFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,650,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-6049	SR 1206 (WRIGHT BRIDGE ROAD), REPALCE BRIDGE	RIGHT-OF-WAY	FY 2022 -	\$340,000	(STBGOFF)
SAMPSON	810072 OVER GREAT COHARIE CREEK.	CONSTRUCTION	FY 2023 -	\$3,400,000	(STBGOFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$3,740,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

F-5705	SOUTHPORT-FORT FISHER, SOUTHPORT-FORT				
BRUNSWICK	FISHER FERRY. CONSTRUCT RIVER CLASS FERRY.				
NEW HANOVER	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>				
PROJ.CATEGORY	<u>STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI</u>				
REGIONAL	<u>PROJECT.</u>				

F-5707	SOUTHPORT - FORT FISHER, CONSTRUCT MOORING				
BRUNSWICK	FACILITIES.				
NEW HANOVER	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>				
PROJ.CATEGORY	<u>STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI</u>				
REGIONAL	<u>PROJECT.</u>				

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DIVISION 3

R-5877 US 17, NC 210 (SURF CITY). CONSTRUCT CONTINUOUS
PENDER GREEN T-INTERSECTION (CGT) AT US 17 AND NC 210
PROJ.CATEGORY NEAR SURF CITY
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

R-5885 NC 24 (WEST CORBETT AVENUE), BELGRADE-
ONSLow SWANSBORO ROAD TO FRONT STREET. CONSTRUCT
PROJ.CATEGORY SUPERSTREET.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

R-5899 NC 210, SR 1560 (WATTS LANDING ROAD).
PENDER CONSTRUCT ROUNDABOUT.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

R-5900 NC 50/NC 210, SR 1534 (BELT ROAD). CONSTRUCT
PENDER ROUNDABOUT.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

U-6104 US 17 (SHALLOTTE BYPASS), US 17 BUSINESS SOUTH
BRUNSWICK (MAIN STREET). UPGRADE EXISTING AT GRADE
PROJ.CATEGORY INTERSECTION TO INTERCHANGE.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

U-6126 NC 24 (SOUTHWEST BOULEVARD/MLK JR
SAMPSON BOULEVARD), BUTLER ROAD/TRAM ROAD. IMPROVE
PROJ.CATEGORY INTERSECTION.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
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PROJECT.

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DIVISION 3

* U-6128 US 76 (OLEANDER DRIVE), GREENVILLE LOOP ROAD
NEW HANOVER AND GREENVILLE AVENUE. UPGRADE INTERSECTION.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

U-6148 US 258/NC 24 (RICHLANDS HIGHWAY), SR 1329
ON SLOW (RHODESTOWN FIRE DEPARTMENT ROAD). IMPROVE
PROJ.CATEGORY INTERSECTION.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

DIVISION 4

* B-6044	I-95, REPLACE BRIDGES 500082 AND 500085 OVER	RIGHT-OF-WAY	FY 2022 -	\$880,000	(NHPB)
JOHNSTON	BLACK CREEK.	CONSTRUCTION	FY 2023 -	\$8,800,000	(NHPB)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$9,680,000	
STATEWIDE	<u>MANAGEMENT UNIT.</u>				

P-5743 NS/NCRR H LINE, CONSTRUCT GRADE SEPARATION AT
JOHNSTON SHOTWELL ROAD. CLOSE EXISTING AT-GRADE
PROJ.CATEGORY CROSSING IN CLAYTON.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* U-6110 US 70 (FUTURE I-42), SR 1711 (NORTH OAK FOREST
WAYNE ROAD). IMPROVE INTERSECTION.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

U-6111 NC 58 (NASH STREET NW), SR 1330 (AIRPORT
WILSON ROAD)/SR 1332 (LAKE WILSON ROAD). IMPROVE
PROJ.CATEGORY INTERSECTION.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
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DIVISION 4

* U-6113 US 70 BUSINESS, GREENFIELD PARKWAY TO NC 42.
JOHNSTON UPGRADE ROADWAY TO SUPERSTREET.
WAKE PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
PROJ.CATEGORY STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
REGIONAL PROJECT.

* U-6149 US 64, NC 58 (WASHINGTON STREET), EXIT 459, TO
EDGEcombe THOMAS ROAD OVERPASS. UPGRADE TO INTERSTATE
NASH STANDARDS.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

DIVISION 5

* R-5893 NC 56, SR 1114 (PEACH ORCHARD ROAD) TO US 401 IN
FRANKLIN LOUISBURG. WIDEN TO 4 LANES.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* U-6099	SR 1004 (EAST GARNER ROAD) TO I-40 IN GARNER.	CONSTRUCTION	FY 2019 -	\$4,500,000	(T)
WAKE	WIDEN ROADWAY FROM SOUTH OF SR 2585		FY 2019 -	\$600,000	(L)
PROJ.CATEGORY	(WILMINGTON ROAD) TO I-40, INCLUDING ACCESS			\$5,100,000	
DIVISION	POINT IMPROVEMENTS, AND CONSTRUCT				
	IMPROVEMENTS AT SR 1004 INTERSECTION AND I-40				
	INTERCHANGE.				
	<u>PROJECT ADDED UNDER STIP ECONOMIC</u>				
	<u>DEVELOPMENT PROGRAM.</u>				

* U-6112 US 401, SR 1010 (TEN-TEN ROAD). CONVERT EXISTING
WAKE SIGNALIZED INTERSECTION TO SQUARE-LOOP
PROJ.CATEGORY INTERCHANGE.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
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DIVISION 5

* U-6116 US 401, SR 1375 (SIMPKINS ROAD) TO SR 2538
WAKE (MECHANICAL BOULEVARD) IN GARNER. WIDEN TO 6
PROJ.CATEGORY LANES AND CONVERT TO SUPERSTREET.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* U-6117 VARIOUS, APEX TOWNWIDE SIGNAL SYSTEM.
WAKE UPGRADE EXISTING INFRASTRUCTURE AND INSTALL
PROJ.CATEGORY NEW FIBER, CONTROLLERS, SIGNALS, AND OTHER
REGIONAL EQUIPMENT AS NECESSARY.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* U-6118 NC 55, MERIDIAN PARKWAY TO I-40 INTERCHANGE IN
DURHAM DURHAM. ADD THIRD SOUTHBOUND LANE AND
PROJ.CATEGORY UPGRADE RAMP TERMINALS.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* U-6119 VARIOUS, RALEIGH CITYWIDE SIGNAL SYSTEM.
WAKE UPGRADE SOFTWARE FOR EXISTING ITS SYSTEM.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

DIVISION 6

* B-6039 SR 1904 (RED BUG ROAD), REPLACE BRIDGE NUMBER CONSTRUCTION FY 2019 - \$800,000 (STBG)
COLUMBUS 230211 OVER JOCKEY BRANCH. \$800,000
PROJ.CATEGORY PROJECT ADDED AT REQUEST OF DIVISION.
DIVISION

R-5888 NC 41 (MARTIN LUTHER KING DRIVE), SR 2110 (SNAKE
ROBESON ROAD) TO SYCAMORE LANE. WIDEN EXISTING
PROJ.CATEGORY ROADWAY.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
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DIVISION 6

R-5890 US 401 (NORTH MAIN STREET), PARKER LANE TO
HARNETT MCKINNEY PARKWAY. CONSTRUCT MEDIAN.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

R-5904 NC 20, SR 1743 (COVINGTON FARM ROAD) TO I-95.
ROBESON WIDEN TO MULTI-LANES.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

U-6133 US 401 BUSINESS (SKIBO ROAD), SR 1400 (CLIFFDALE
CUMBERLAND ROAD). IMPROVE INTERSECTION
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* U-6152 US 401 (ROBESON STREET), US 401 (RAEFORD ROAD)
CUMBERLAND TO BLOUNT STREET. ACCESS MANAGEMENT.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

DIVISION 7

* B-5723	SR 1158 (JACKSON LAKE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2022 -	\$280,000	(STBG OFF)
GUILFORD	400054 OVER RICHLAND CREEK IN HIGH POINT.	CONSTRUCTION	FY 2023 -	\$2,800,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT RE-ADDED AT REQUEST OF STRUCTURES</u>			\$3,080,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-5725	SR 1710 (GRIERS CHURCH ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2022 -	\$290,000	(STBG OFF)
CASWELL	160007 OVER HYCO CREEK.	CONSTRUCTION	FY 2023 -	\$2,900,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT RE-ADDED AT REQUEST OF STRUCTURES</u>			\$3,190,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

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DIVISION 7

* B-6037	NC 86, REPLACE BRIDGE 670049 OVER NORTH	RIGHT-OF-WAY	FY 2021 -	\$250,000	(NHPB)
ORANGE	CAROLINA RAILROAD / NORFOLK SOUTHERN	CONSTRUCTION	FY 2023 -	\$2,500,000	(NHPB)
PROJ.CATEGORY	RAILROAD.			\$2,750,000	
REGIONAL	<u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>				

* B-6038	NC 14 / NC 87, REPLACE BRIDGE 780155 OVER	RIGHT-OF-WAY	FY 2021 -	\$390,000	(NHPB)
ROCKINGHAM	NORFOLK SOUTHERN RAILROAD.	CONSTRUCTION	FY 2023 -	\$3,900,000	(NHPB)
PROJ.CATEGORY				\$4,290,000	
REGIONAL	<u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>				

* P-5747	NCRR NORFOLK SOUTHERN H LINE, SOUTH ENGLISH				
GUILFORD	STREET IN GREENSBORO. CONSTRUCT GRADE				
PROJ.CATEGORY	SEPARATION AND CLOSE CROSSING 722955X.				
REGIONAL	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				

* R-5889	US 29 (FUTURE I-785), SR 2565 (HICONE ROAD) IN				
GUILFORD	GREENSBORO TO US 158 / NC 14 IN REIDSVILLE.				
ROCKINGHAM	UPGRADE CORRIDOR TO INTERSTATE STANDARDS.				
PROJ.CATEGORY	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
REGIONAL					

* U-6108	US 220 / SR 2254 (WENDOVER AVENUE), US 220				
GUILFORD	(BATTLEGROUND AVENUE) IN GREENSBORO.				
PROJ.CATEGORY	RECONFIGURE BATTLEGROUND AVENUE, LAWNSDALE				
REGIONAL	DRIVE, AND WESTOVER TERRACE BETWEEN				
	FERNWOOD DRIVE AND WENDOVER AVENUE.				
	IMPROVE TRAFFIC FLOW AND SAFETY. IMPROVE				
	WENDOVER AVENUE CONNECTIONS AT WESTOVER				
	TERRACE, BATTLEGROUND COURT AND WINSTEAD				
	PLACE. ACCOMMODATE PEDESTRIANS, BICYCLES				
	AND THE A&Y GREENWAY. MAY INCLUDE ROADWAY				
	BRIDGES, PEDESTRIAN GRADE SEPARATIONS, AND				
	MODIFICATIONS TO INTERSECTING STREETS WITHIN				
	THE CORRIDOR.				
	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				

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DIVISION 7

* U-6114 ALAMANCE PROJ.CATEGORY REGIONAL NC 62 (ALAMANCE ROAD), SR 1155 (HATCHERY ROAD) / BONNIE LANE INTERSECTION IN BURLINGTON. INSTALL TRAFFIC SIGNAL AND ADD TURN LANES.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

* U-6115 ALAMANCE PROJ.CATEGORY REGIONAL NC 54, I-40 / I-85 TO SOUTH OF SR 2107 (WHITTEMORE ROAD) IN GRAHAM. UPGRADE RAMP INTERSECTIONS AT I-40 / I-85, IMPROVE SR 2106 (WOODY ROAD) INTERSECTION, AND UPGRADE PIPE CULVERTS AT SR 2106 AND SR 2107 INTERSECTIONS.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

* U-6122 GUILFORD PROJ.CATEGORY REGIONAL NC 68, SR 1556 (GALLIMORE DAIRY ROAD) TO TRIAD CENTER DRIVE IN GREENSBORO. UPGRADE CORRIDOR TO SUPERSTREET.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

* U-6127 GUILFORD PROJ.CATEGORY REGIONAL NC 68, SR 2129 (FOGLEMAN ROAD) TO SR 2017 / SR 2269 (ALCORN ROAD) IN OAK RIDGE. ACCESS MANAGEMENT IMPROVEMENTS.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

* U-6131 ALAMANCE PROJ.CATEGORY REGIONAL NC 54 (WEST HARDEN STREET), NC 49 (MAPLE AVENUE) IN GRAHAM. INSTALL DUAL LEFT TURN LANES IN WESTBOUND DIRECTION.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

DIVISION 8

* I-6055 RICHMOND SCOTLAND PROJ.CATEGORY REGIONAL US 74 / FUTURE I-74, US 74 BUSINESS EAST OF HAMLET TO US 74 BUSINESS WEST OF LAURINBURG. UPGRADE CORRIDOR TO INTERSTATE STANDARDS.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

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DIVISION 8

* R-5887
CHATHAM
WAKE
PROJ.CATEGORY
REGIONAL

US 64, NC 751. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

* R-5891
MOORE
PROJ.CATEGORY
REGIONAL

US 15 / US 501 / NC 211, SR 1205 / SR 1309 (MORGANTON ROAD) IN SOUTHERN PINES. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

* R-5892
MOORE
PROJ.CATEGORY
REGIONAL

NC 5 (BEULAH HILL ROAD), INTERSECTION OF TROTTER DRIVE / BLAKE BOULEVARD TO NC 211 IN PINEHURST. ADD TURN LANES, SIGNAL IMPROVEMENTS, AND OTHER OPERATIONAL IMPROVEMENTS ALONG CORRIDOR AS APPROPRIATE.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

DIVISION 9

* U-6130
ROWAN
PROJ.CATEGORY
REGIONAL

US 29, NC 152 IN CHINA GROVE. RAMP AND INTERSECTION IMPROVEMENTS.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

DIVISION 10

* AV-5889
CABARRUS
PROJ.CATEGORY
REGIONAL

CONCORD REGIONAL AIRPORT, EXTEND RUNWAY SAFETY AREA.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
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DIVISION 10

* AV-5890 CABARRUS PROJ.CATEGORY REGIONAL	CONCORD REGIONAL AIRPORT, REHABILITATE APRON AND TAXIWAY PAVEMENT. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
* AV-5892 CABARRUS PROJ.CATEGORY REGIONAL	CONCORD REGIONAL AIRPORT, CONSTRUCT NORTH APRON EXPANSION. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
* AV-5893 MECKLENBURG PROJ.CATEGORY REGIONAL	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT, EXPAND CONCOURSE A (PHASE II). <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
* B-5376 UNION PROJ.CATEGORY DIVISION	SR 1681 (OLD CAMDEN ROAD), REPLACE BRIDGE 890021 OVER STEWART'S CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2023 -	\$210,000 \$2,100,000 \$2,310,000	(STBGOFF) (STBGOFF)
* B-6046 STANLY PROJ.CATEGORY DIVISION	SR 1917 (BETHLEHEM CHURCH ROAD), REPLACE BRIDGE 830102 OVER LONG CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2023 -	\$170,000 \$1,700,000 \$1,870,000	(STBGOFF) (STBGOFF)
* B-6048 ANSON PROJ.CATEGORY DIVISION	SR 1812 (DIGGS ROAD), REPLACE BRIDGE 030039 OVER JONES CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2023 -	\$190,000 \$1,900,000 \$2,090,000	(STBGOFF) (STBGOFF)

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REVISIONS TO THE 2018-2027 STIP
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DIVISION 10

* I-6053 I-85, SR 2480 (SUGAR CREEK ROAD) INTERCHANGE.
MECKLENBURG IMPROVE INTERCHANGE
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* I-6056 I-77, US 21/SR 2108 (SUNSET ROAD) INTERCHANGE.
MECKLENBURG IMPROVE INTERCHANGE.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* P-5748 CSX SG LINE, CONSTRUCT RAIL SIDING AND GRADE
UNION SEPARATION IN VICINITY OF SR 1300 (HELMS ROAD)
PROJ.CATEGORY AND CLOSE AT-GRADE CROSSINGS AT SR 1300
REGIONAL (HELMS ROAD) AND SR 1432 (TORY PATH).
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* P-5749 CSX SF LINE, CONSTRUCT EXTENSION OF
UNION RICHARDSON CREEK SIDING.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* P-5750 CSX SF LINE, CONSTRUCT SIDING EXTENSION IN
ANSON POLKTON.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* R-5878B NEW ROUTE - WADESBORO BYPASS, US 52 NORTH OF
ANSON WADESBORO TO US 74 EAST OF WADESBORO.
PROJ.CATEGORY CONSTRUCT FREEWAY ON NEW LOCATION.
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

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DIVISION 10

* U-6106	HUNTERSVILLE, SR 2136 (GILEAD ROAD), SR 2120	ENGINEERING	FY 2019 -	\$1,000,000	(L)
MECKLENBURG	(MCCOY ROAD) TO WYNFIELD CREEK PARKWAY.	RIGHT-OF-WAY	FY 2020 -	\$400,000	(STBGDA)
PROJ.CATEGORY	WIDEN ROADWAY TO 4-LANES DIVIDED.		FY 2020 -	\$100,000	(L)
DIVISION	<u>ADD RIGHT-OF-WAY IN FY 20 AND CONSTRUCTION IN</u>	CONSTRUCTION	FY 2021 -	\$2,700,000	(STBGDA)
	<u>FY 21 NOT PREVIOUSLY PROGRAMMED PER TOWN OF</u>		FY 2021 -	\$2,100,000	(L)
	<u>HUNTERSVILLE.</u>			\$6,300,000	

* U-6109
MECKLENBURG
PROJ.CATEGORY
REGIONAL

US 521 (LANCASTER HIGHWAY / JOHNSTON ROAD),
SOUTH CAROLINA STATE LINE TO SR 4979
(BALLANTYNE COMMONS PARKWAY). WIDEN TO
MULTILANES.

PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

DIVISION 11

* R-5894
YADKIN
PROJ.CATEGORY
REGIONAL

US 421, US 601 (SOUTH STATE STREET) INSTSALL
ROUNDAABOUT.

PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* R-5895
SURRY
PROJ.CATEGORY
REGIONAL

NC 103 (EAST PINE STREET), SR 1742 (QUAKER ROAD)
INTERSECTION. IMPROVE INTERSECTION.

PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* R-5896
YADKIN
PROJ.CATEGORY
REGIONAL

US 601, NC 67 TO (SR 1502/1503) COUNTRY CLUB
ROAD. MODERNIZE ROADWAY AND IMPROVE SR 1134
(MACKIE ROAD) INTERSECTION.

PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* R-5901
SURRY
PROJ.CATEGORY
REGIONAL

NC 89 (WEST PINE STREET), SR 1397 (ROUND PEAK
CHURCH ROAD) INTERSECTION. IMPROVE
INTERSECTION.

PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

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REVISIONS TO THE 2018-2027 STIP
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DIVISION 11

* R-5902 NC 184, NC 105 TO SR 1342 (HICKORY NUT GAP ROAD)
AVERY IN BANNER ELK. WIDEN TO MULTI-LANES.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* R-5903 US 421, TENNESSEE LINE TO US 321-US 421 JUNCTION
WATAUGA NEAR VILAS. WIDEN TO MULTI-LANES.
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

DIVISION 12

* B-6041	I-40, REPLACE BRIDGE 170177 AND 170178 OVER LYLE	RIGHT-OF-WAY	FY 2022 -	\$860,000	(NHPB)
CATAWBA	CREEK.	CONSTRUCTION	FY 2023 -	\$4,300,000	(NHPB)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>		FY 2024 -	<u>\$4,300,000</u>	(NHPB)
STATEWIDE	<u>MANAGEMENT UNIT.</u>			\$9,460,000	

* B-6042	NC 150, REPLACE BRIDGE 540026 OVER S.A.L.	RIGHT-OF-WAY	FY 2021 -	\$290,000	(NHPB)
LINCOLN	RAILROAD.	CONSTRUCTION	FY 2023 -	<u>\$2,900,000</u>	(NHPB)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$3,190,000	
REGIONAL	<u>MANAGEMENT UNIT.</u>				

* C-5703	GASTONIA, GASTONIA SIGNAL SYSTEM. UPGRADE	ENGINEERING	FY 2019 -	\$1,696,000	(CMAQ)
GASTON	CITYWIDE SIGNAL SYSTEM.		FY 2019 -	\$424,000	(S(M))
PROJ.CATEGORY	<u>NEW CMAQ PROJECT ADDED AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2020 -	\$6,784,000	(CMAQ)
EXEMPT			FY 2020 -	\$1,696,000	(S(M))
				\$10,600,000	

* R-0617C NC 150, US 321 AT LINCOLN TON TO US 321 BYPASS.
LINCOLN PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
PROJ.CATEGORY STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
REGIONAL PROJECT.

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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 12

- * TA-6713 IREDELL MECKLENBURG
 PROJ.CATEGORY REGIONAL
 ICATS INTERCOUNTY EXPRESS BUS, PURCHASE 3 OVER-THE-ROAD COACH BUSES AND 5 SETS OF BUS STOP SHELTERS TO EXPAND INTERCOUNTY SERVICE BETWEEN STATESVILLE, TROUTMAN, MOORESVILLE, AND CATS ROUTES BETWEEN HUNTERSVILLE AND CHARLOTTE.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.
- * U-6134 LINCOLN
 PROJ.CATEGORY REGIONAL
 NC 16 BYPASS, SR 1380 (OPTIMIST CLUB ROAD) INTERSECTION. UPGRADE AT-GRADE INTERSECTION TO INTERCHANGE.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.
- * U-6135 CATAWBA
 PROJ.CATEGORY REGIONAL
 NC 127 (2ND STREET NORTHEAST, NORTH CENTER STREET), 8TH AVENUE NORTHEAST TO SR 1327 (30TH AVENUE NORTHWEST). CONSTRUCT ACCESS MANAGEMENT IMPROVEMENTS.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.
- * U-6136 LINCOLN
 PROJ.CATEGORY REGIONAL
 NC 27 (EAST MAIN STREET), SR 1294 (LITHIA INN ROAD) INTERSECTION. ADD NORTHBOUND TURN LANE FROM NC 27 (EAST MAIN STREET) TO SR 1294 (LITHIA INN ROAD).
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.
- * U-6137 LINCOLN
 PROJ.CATEGORY REGIONAL
 NC 27 (EAST MAIN STREET), US 321 TO NC 27 / NC 150. CONSTRUCT ACCESS MANAGEMENT AND INTERSECTION IMPROVEMENTS.
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.
- * U-6138 GASTON
 PROJ.CATEGORY REGIONAL
 NC 279 (NORTH NEW HOPE ROAD), US 29/74 (FRANKLIN BOULEVARD) INTERSECTION. ADD RIGHT TURN LANE FROM NC 279 (NORTH NEW HOPE ROAD) TO US 29/74 (FRANKLIN BOULEVARD).
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.

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DIVISION 12

* U-6145 IREDELL PROJ.CATEGORY REGIONAL	NC 3, CABARRUS-IREDELL COUNTY LINE TO SR 1147 (ROCKY RIVER ROAD). WIDEN TO MULTI-LANES. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
* U-6146 GASTON PROJ.CATEGORY REGIONAL	US 74 (WILKINSON BOULEVARD), MARKET STREET TO SR 2015 (ALBERTA AVENUE. WIDEN TO SIX LANES. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
* U-6150 GASTON PROJ.CATEGORY REGIONAL	NC 273, SR 2525 (SOUTH POINT ROAD) INTERSECTION. CONSTRUCT ROUNDABOUT. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
* U-6151 ALEXANDER PROJ.CATEGORY REGIONAL	NC 16, CATAWBA RIVER TO US 64 IN TAYLORSVILLE. UPGRADE AND MODERNIZE TWO-LANE ROADWAY. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
* U-6153 IREDELL PROJ.CATEGORY DIVISION	STATESVILLE, SR 1363 (BETHLEHEM ROAD). RELOCATE ROADWAY ADJACENT TO STATESVILLE REGIONAL AIRPORT. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2020 -	\$2,550,000 (BA)	\$2,550,000

DIVISION 13

* B-6040 McDOWELL PROJ.CATEGORY REGIONAL	US 70, REPLACE BRIDGE 580127 OVER SOUTHERN RAILROAD. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - FY 2023 -	\$420,000 (NHPB) \$4,200,000 (NHPB)	\$4,620,000
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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 13

* B-6047	SR 2125 (HARRIS HENRIETTA ROAD), REPLACE	RIGHT-OF-WAY	FY 2022 -	\$210,000	(STBG OFF)
RUTHERFORD	BRIDGE 800145 OVER FLOYDS CREEK.	CONSTRUCTION	FY 2023 -	\$2,100,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$2,310,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* I-6054C	I-40, SR 1200 (WIGGINS ROAD) TO SR 1224 (MONTE VISTA ROAD). ADD ADDITIONAL LANES.
BUNCOMBE	
PROJ.CATEGORY	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>
REGIONAL	<u>STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI</u>
	<u>PROJECT.</u>

* R-2597A	US 221, NORTH OF SR 1366 (ROPER LOOP ROAD) TO SR 1325 (NANNEY TOWN ROAD). WIDEN TO MULTI-LANES.
RUTHERFORD	
PROJ.CATEGORY	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>
REGIONAL	<u>STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI</u>
	<u>PROJECT.</u>

* R-5880	US 221, SR 2201 (THUNDER ROAD) / SR 1005 (COXE ROAD) INTERSECTION. IMPROVE INTERSECTION.
RUTHERFORD	
PROJ.CATEGORY	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>
REGIONAL	<u>STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI</u>
	<u>PROJECT.</u>

* U-6123	US 64 (BURKEMONT AVENUE), US 70 (W. FLEMING DRIVE) INTERSECTION. IMPROVE INTERSECTION.
BURKE	
PROJ.CATEGORY	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>
REGIONAL	<u>STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI</u>
	<u>PROJECT.</u>

DIVISION 14

* R-5881	US 64, NC 107 INTERSECTION. IMPROVE INTERSECTION AND ADD AUXILLARY LANE FROM PEBBLE CREEK DRIVE TO US 64/NC 107 INTERSECTION.
JACKSON	
PROJ.CATEGORY	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>
REGIONAL	<u>STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI</u>
	<u>PROJECT.</u>

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STIP ADDITIONS

DIVISION 14

* R-5882 US 64 (SOUTH BROAD STREET), US 64 BUSINESS
TRANSYLVANIA (SOUTH CALDWELL STREET), SR 1116 (NORTH
PROJ.CATEGORY COUNTRY CLUB ROAD) INTERSECTION. IMPROVE
REGIONAL INTERSECTION ALIGNMENT.

PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

* U-6124 NC 280 (BOYLSTON HIGHWAY), NC 191 (HAYWOOD
HENDERSON ROAD) TO NC 191 (OLD HAYWOOD ROAD).
PROJ.CATEGORY CONSTRUCT ACCESS MANAGEMENT AND
REGIONAL INTERSECTION IMPROVEMENTS.

PROGRAMMED FOR PLANNING AND ENVIRONMENTAL
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI
PROJECT.

STIP MODIFICATIONS

DIVISION 1

* I-6028B	US 64 (FUTURE I-87), US 64 ALT. TO NC 125.	CONSTRUCTION	FY 2019 -	<u>\$5,873,000</u>	(NHPIM)
MARTIN	<u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 19.</u>			\$5,873,000	
PROJ.CATEGORY					
STATEWIDE					

* I-6028C	US 64 (FUTURE I-87), NC 125 TO US 13/17 AND US 64	CONSTRUCTION	FY 2019 -	<u>\$5,242,000</u>	(NHPIM)
MARTIN	INTERCHANGE.			\$5,242,000	
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 19.</u>				
STATEWIDE					

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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 1

* R-2576	NEW ROUTE, MID-CURRITUCK BRIDGE, COINJOCK TO	GARVEE ROW	FY 2019 -	\$1,647,000	(STBG)
CURRITUCK	COROLLA. NEW STRUCTURE OVER CURRITUCK		FY 2020 -	\$1,647,000	(STBG)
PROJ.CATEGORY	SOUND AND UPGRADE APPROACHES.		FY 2021 -	\$1,647,000	(STBG)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2022 -	\$1,647,000	(STBG)
	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>		FY 2023 -	\$1,647,000	(STBG)
	<u>AND CONSTRUCTION FROM FY 18 TO FY 19.</u>		FY 2024 -	\$1,647,000	(STBG)
			FY 2025 -	\$1,647,000	(STBG)
			FY 2026 -	\$1,647,000	(STBG)
			FY 2027 -	\$1,647,000	(STBG)
			FY 2028 -	\$1,647,000	(STBG)
			FY 2029 -	\$1,647,000	(STBG)
			POST YR-	\$6,588,000	(STBG)
		RIGHT-OF-WAY	FY 2019 -	\$3,200,000	(S(M))
			FY 2020 -	\$3,200,000	(S(M))
		UTILITIES	FY 2019 -	\$1,947,000	(STBG)
		GARVEE CONSTR	FY 2019 -	\$9,380,000	(STBG)
			FY 2020 -	\$9,380,000	(STBG)
			FY 2021 -	\$9,380,000	(STBG)
			FY 2022 -	\$9,380,000	(STBG)
			FY 2023 -	\$9,380,000	(STBG)
			FY 2024 -	\$9,380,000	(STBG)
			FY 2025 -	\$9,380,000	(STBG)
			FY 2026 -	\$9,380,000	(STBG)
			FY 2027 -	\$9,380,000	(STBG)
			FY 2028 -	\$9,380,000	(STBG)
			FY 2029 -	\$9,380,000	(STBG)
			POST YR-	\$37,520,000	(STBG)
		CONSTRUCTION	FY 2019 -	\$9,110,000	(S(M))
			FY 2019 -	\$59,379,000	(BOND R)
			FY 2020 -	\$9,110,000	(S(M))
			FY 2020 -	\$59,379,000	(BOND R)
			FY 2021 -	\$9,110,000	(S(M))
			FY 2021 -	\$59,379,000	(BOND R)
			FY 2022 -	\$9,110,000	(S(M))
			FY 2022 -	\$59,379,000	(BOND R)
				\$447,708,000	

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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 1

R-2582A	US 158/NC 46, I-95/NC 46 IN ROANOKE RAPIDS TO SR	BUILD NC CONST	FY 2019 -	\$1,716,000	(T)
NORTHAMPTON	1312 (ST. JOHN CHURCH ROAD) IN NORTHAMPTON		FY 2020 -	\$1,716,000	(T)
PROJ.CATEGORY	COUNTY.		FY 2021 -	\$1,716,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 -	\$1,716,000	(T)
			FY 2023 -	\$1,716,000	(T)
			FY 2024 -	\$1,716,000	(T)
			FY 2025 -	\$1,716,000	(T)
			FY 2026 -	\$1,716,000	(T)
			FY 2027 -	\$1,716,000	(T)
			FY 2028 -	\$1,716,000	(T)
			FY 2029 -	\$1,716,000	(T)
			POST YR-	\$6,864,000	(T)
		CONSTRUCTION	FY 2019 -	\$11,350,000	(T)
			FY 2020 -	\$11,350,000	(T)
			FY 2021 -	\$11,350,000	(T)
			FY 2022 -	<u>\$11,350,000</u>	(T)
				\$71,140,000	
* R-5781	VARIOUS, DIVISION 1 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BERTIE	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
CAMDEN	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
CHOWAN	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	<u>\$800,000</u>	(O)
CURRITUCK	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
DARE	<u>PROGRAMMED.</u>				
GATES					
HERTFORD					
HYDE					
MARTIN					
NORTHAMPTON					
PASQUOTANK					
PERQUIMANS					
TYRRELL					
WASHINGTON					
PROJ.CATEGORY					
DIVISION					

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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 1

R-5807	NC 343, US 158 TO SR 1119 (SOUTH TROTMAN ROAD)	RIGHT-OF-WAY	FY 2023 -	\$100,000	(T)
CAMDEN	IN SHILOH. MODERNIZE ROADWAY.	UTILITIES	FY 2023 -	\$2,543,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2025 -	\$4,433,000	(T)
DIVISION	<u>THRESHOLDS.</u>		FY 2026 -	\$4,433,000	(T)
			FY 2027 -	\$4,434,000	(T)
				<u>\$15,943,000</u>	

DIVISION 2

R-2513A	US 17, NC 43 TO SR 1438 (SPRUILL TOWN ROAD).	BUILD NC ROW	FY 2019 -	\$257,000	(T)
CRAVEN	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2020 -	\$257,000	(T)
PROJ.CATEGORY			FY 2021 -	\$257,000	(T)
DIVISION			FY 2022 -	\$257,000	(T)
			FY 2023 -	\$257,000	(T)
			FY 2024 -	\$257,000	(T)
			FY 2025 -	\$257,000	(T)
			FY 2026 -	\$257,000	(T)
			FY 2027 -	\$257,000	(T)
			FY 2028 -	\$257,000	(T)
			FY 2029 -	\$257,000	(T)
			POST YR-	\$1,028,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,600,000	(T)
		UTILITIES	FY 2019 -	\$300,000	(T)
			FY 2020 -	\$300,000	(T)
		CONSTRUCTION	FY 2021 -	\$3,033,000	(T)
			FY 2022 -	\$3,033,000	(T)
			FY 2023 -	\$3,034,000	(T)
				<u>\$15,155,000</u>	

R-5777B	US 70, WEST THURMAN ROAD/EAST THURMAN ROAD.	BUILD NC ROW	FY 2019 -	\$1,716,000	(T)
CRAVEN	CONVERT AT-GRADE INTERSECTION TO		FY 2020 -	\$1,716,000	(T)
PROJ.CATEGORY	INTERCHANGE.		FY 2021 -	\$1,716,000	(T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 -	\$1,716,000	(T)
			FY 2023 -	\$1,716,000	(T)
			FY 2024 -	\$1,716,000	(T)
			FY 2025 -	\$1,716,000	(T)
			FY 2026 -	\$1,716,000	(T)
			FY 2027 -	\$1,716,000	(T)
			FY 2028 -	\$1,716,000	(T)
			FY 2029 -	\$1,716,000	(T)
			POST YR-	\$6,864,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$3,400,000	(T)
		UTILITIES	FY 2019 -	\$300,000	(T)
		CONSTRUCTION	FY 2019 -	\$28,500,000	(T)
				<u>\$57,940,000</u>	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
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DIVISION 2

* R-5782	VARIOUS, DIVISION 2 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BEAUFORT	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
CARTERET	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
CRAVEN	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
GREENE	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
JONES	<u>PROGRAMMED.</u>				

LENOIR
PAMLICO
PITT
PROJ.CATEGORY
DIVISION

R-5812	US 13 BYPASS, NC 58 (KINGOLD BOULEVARD) TO NC	RIGHT-OF-WAY	FY 2018 -	\$500,000	(T)
GREENE	91. WIDEN TO THREE LANES WITH CENTER TURN	UTILITIES	FY 2018 -	\$500,000	(T)
PROJ.CATEGORY	LANE.	BUILD NC CONST	FY 2019 -	\$429,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2020 -	\$429,000	(T)
			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	

U-5785	SR 1708 (FIRETOWER ROAD), WEST OF EAST	RIGHT-OF-WAY	FY 2019 -	\$2,984,000	(T)
PITT	ARLINGTON BOULEVARD TO SR 1704 (FOURTEENTH		FY 2020 -	\$2,984,000	(T)
PROJ.CATEGORY	STREET) IN GREENVILLE. WIDEN TO MULTI-LANES.	UTILITIES	FY 2019 -	\$127,000	(T)
DIVISION	<u>MODIFY PROJECT DESCRIPTION TO REFLECT</u>		FY 2020 -	\$127,000	(T)
	<u>CURRENT SCOPE. COST INCREASE EXCEEDING \$2</u>	CONSTRUCTION	FY 2020 -	\$1,520,000	(T)
	<u>MILLION AND 25% THRESHOLDS.</u>		FY 2021 -	\$1,520,000	(T)
			FY 2022 -	\$1,520,000	(T)
				\$10,782,000	

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DIVISION 2

U-5870	SR 1708 (FIRETOWER ROAD), SR 1704 (FOURTEENTH STREET) TO NC 33 (EAST 10TH STREET) IN GREENVILLE. WIDEN TO MULTI-LANES.	RIGHT-OF-WAY	FY 2019 - \$11,226,000 (T)
PITT			FY 2020 - \$11,226,000 (T)
PROJ.CATEGORY		UTILITIES	FY 2019 - \$5,750,000 (T)
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2020 - \$5,750,000 (T)
		CONSTRUCTION	FY 2020 - \$5,852,000 (T)
			FY 2021 - \$5,852,000 (T)
			FY 2022 - \$5,852,000 (T)
			<u>\$51,508,000</u>

U-5917	SR 1704 (FOURTEENTH STREET), RED BANKS ROAD TO SR 1708 (FIRETOWER ROAD). WIDEN TO MULTI-LANES.	BUILD NC ROW	FY 2019 - \$172,000 (T)
PITT			FY 2020 - \$172,000 (T)
PROJ.CATEGORY			FY 2021 - \$172,000 (T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 - \$172,000 (T)
			FY 2023 - \$172,000 (T)
			FY 2024 - \$172,000 (T)
			FY 2025 - \$172,000 (T)
			FY 2026 - \$172,000 (T)
			FY 2027 - \$172,000 (T)
			FY 2028 - \$172,000 (T)
			FY 2029 - \$172,000 (T)
			POST YR- \$688,000 (T)
		RIGHT-OF-WAY	FY 2019 - \$1,315,000 (T)
		UTILITIES	FY 2019 - \$398,000 (T)
		CONSTRUCTION	FY 2021 - \$2,533,000 (T)
			FY 2022 - \$2,533,000 (T)
			FY 2023 - \$2,534,000 (T)
			<u>\$11,893,000</u>

DIVISION 3

R-2303E	NC 24, US 421/US 701/SR 1296 (SUNSET AVENUE) TO SR 1935 (CECIL ODIE ROAD).	RIGHT-OF-WAY	FY 2018 - \$7,250,000 (T)
SAMPSON		BUILD NC CONST	FY 2020 - \$1,716,000 (T)
PROJ.CATEGORY			FY 2021 - \$1,716,000 (T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 - \$1,716,000 (T)
			FY 2023 - \$1,716,000 (T)
			FY 2024 - \$1,716,000 (T)
			FY 2025 - \$1,716,000 (T)
			FY 2026 - \$1,716,000 (T)
			FY 2027 - \$1,716,000 (T)
			FY 2028 - \$1,716,000 (T)
			FY 2029 - \$1,716,000 (T)
			POST YR- \$6,864,000 (T)
		CONSTRUCTION	FY 2020 - \$4,700,000 (T)
			<u>\$35,974,000</u>

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* R-5783	VARIOUS, DIVISION 3 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BRUNSWICK	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
DUPLIN	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
NEW HANOVER	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
ONslow	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
PENDER	<u>PROGRAMMED.</u>				
SAMPSON					
PROJ.CATEGORY					
DIVISION					

U-4007E	NC 53, FROM US 17 (MARINE BOULEVARD) TO SR 2716	RIGHT-OF-WAY	FY 2019 -	\$270,000	(T)
ONslow	(EXCHANGE DRIVE).	CONSTRUCTION	FY 2021 -	\$7,200,000	(T)
PROJ.CATEGORY	<u>MODIFY PROJECT DESCRIPTION TO REFLECT</u>			\$7,470,000	
STATEWIDE	<u>CURRENT SCOPE.</u>				

U-5716	NC 24, US 258 (RICHLANDS HIGHWAY) INTERSECTION.	RIGHT-OF-WAY	FY 2019 -	\$8,381,000	(T)
ONslow	CONVERT AT-GRADE INTERSECTION TO		FY 2020 -	\$8,381,000	(T)
PROJ.CATEGORY	INTERCHANGE.	CONSTRUCTION	FY 2021 -	\$6,300,000	(T)
STATEWIDE	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2022 -	\$6,300,000	(T)
	<u>THRESHOLDS.</u>		FY 2023 -	\$6,300,000	(T)
			FY 2024 -	\$6,300,000	(T)
				\$41,962,000	

U-5732	US 17, SR 1582 (WASHINGTON ACRES ROAD) TO SR	RIGHT-OF-WAY	FY 2018 -	\$19,600,000	(T)
PENDER	1563 (SLOOP POINT LOOP ROAD). CONVERT TO	UTILITIES	FY 2018 -	\$11,600,000	(T)
PROJ.CATEGORY	SUPERSTREET.	BUILD NC CONST	FY 2021 -	\$858,000	(T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 -	\$858,000	(T)
			FY 2023 -	\$858,000	(T)
			FY 2024 -	\$858,000	(T)
			FY 2025 -	\$858,000	(T)
			FY 2026 -	\$858,000	(T)
			FY 2027 -	\$858,000	(T)
			FY 2028 -	\$858,000	(T)
			FY 2029 -	\$858,000	(T)
			POST YR-	\$5,148,000	(T)
		CONSTRUCTION	FY 2021 -	\$5,033,000	(T)
			FY 2022 -	\$5,033,000	(T)
			FY 2023 -	\$5,033,000	(T)
				\$59,169,000	

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* INDICATES FEDERAL AMENDMENT

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DIVISION 3

* W-5203	VARIOUS, DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. <u>ADD ROW AND CONSTRUCTION IN FY 19 AND CONSTRUCTION IN FY 20 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY	FY 2019 -	\$25,000	(HSIP)	
BRUNSWICK		CONSTRUCTION	FY 2019 -	\$650,000	(HSIP)	
DUPLIN			FY 2020 -	\$650,000	(HSIP)	
NEW HANOVER					\$1,325,000	
ONSLow						
PENDER						
SAMPSON						

DIVISION 4

* B-5980	SR 1522 (HALIFAX ROAD), REPLACE BRIDGE 630203 OVER I-95. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>	RIGHT-OF-WAY	FY 2019 -	\$2,000,000	(NHPB)
NASH		CONSTRUCTION	FY 2019 -	\$12,100,000	(NHPB)
PROJ.CATEGORY STATEWIDE					\$14,100,000
* I-6043	I-95, HARNETT COUNTY LINE (MILEMARKER 78) TO SR 1927 (PINE LEVEL-SELMA ROAD - MILEMARKER 98). UPGRADE GUARDRAIL AND MEDIAN DRAINAGE. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	CONSTRUCTION	FY 2019 -	\$12,200,000	(NHPIM)
JOHNSTON				\$12,200,000	
PROJ.CATEGORY STATEWIDE					
* I-6047	I-795, WILSON COUNTY LINE TO SR 2075 (ASH STREET). UPGRADE GUARDRAIL, SHOULDER AND MEDIAN REPAIRS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>	CONSTRUCTION	FY 2019 -	\$9,300,000	(NHPIM)
WAYNE				\$9,300,000	
PROJ.CATEGORY STATEWIDE					

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DIVISION 4

* R-5784	VARIOUS, DIVISION 4 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
EDGEcombe	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
HALIFAX	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
JOHNSTON	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
NASH	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
WAYNE	<u>PROGRAMMED.</u>				
WILSON					
PROJ.CATEGORY					
DIVISION					

U-2714	US 117, US 70 BYPASS TO SR 1306 (FEDELON TRAIL) IN	BUILD NC CONST	FY 2019 -	\$858,000	(T)
WAYNE	GOLDSBORO. WIDEN ROADWAY AND MAKE SAFETY		FY 2020 -	\$858,000	(T)
PROJ.CATEGORY	IMPROVEMENTS.		FY 2021 -	\$858,000	(T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 -	\$858,000	(T)
			FY 2023 -	\$858,000	(T)
			FY 2024 -	\$858,000	(T)
			FY 2025 -	\$858,000	(T)
			FY 2026 -	\$858,000	(T)
			FY 2027 -	\$858,000	(T)
			FY 2028 -	\$858,000	(T)
			FY 2029 -	\$858,000	(T)
			POST YR-	\$3,432,000	(T)
		CONSTRUCTION	FY 2019 -	\$2,500,000	(T)
				\$15,370,000	

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DIVISION 4

U-3609B	US 13 (BERKELEY BOULEVARD), SR 1003 (NEW HOPE	BUILD NC ROW	FY 2019 -	\$515,000	(T)
WAYNE	ROAD) TO SR1572 (SAULSTON ROAD).		FY 2020 -	\$515,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 -	\$515,000	(T)
REGIONAL			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,750,000	(T)
		UTILITIES	FY 2019 -	\$3,500,000	(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	
U-5026	I-95, SR 1770 (SUNSET AVENUE) IN ROCKY MOUNT.	RIGHT-OF-WAY	FY 2020 -	\$9,000,000	(T)
NASH	CONVERT GRADE SEPARATION TO AN INTERCHANGE.		FY 2021 -	\$9,000,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>	UTILITIES	FY 2020 -	\$336,000	(T)
DIVISION		BUILD NC CONST	FY 2020 -	\$1,716,000	(T)
			FY 2021 -	\$1,716,000	(T)
			FY 2022 -	\$1,716,000	(T)
			FY 2023 -	\$1,716,000	(T)
			FY 2024 -	\$1,716,000	(T)
			FY 2025 -	\$1,716,000	(T)
			FY 2026 -	\$1,716,000	(T)
			FY 2027 -	\$1,716,000	(T)
			FY 2028 -	\$1,716,000	(T)
			FY 2029 -	\$1,716,000	(T)
			POST YR-	\$6,864,000	(T)
		CONSTRUCTION	FY 2020 -	\$8,800,000	(T)
			FY 2021 -	\$8,800,000	(T)
			FY 2022 -	\$8,800,000	(T)
				\$68,760,000	
U-5724	US 13 (BERKELEY BOULEVARD, REALIGNMENT OF SR	RIGHT-OF-WAY	FY 2019 -	\$270,000	(T)
WAYNE	1709 (CENTRAL HEIGHTS ROAD) AT BERKELEY	CONSTRUCTION	FY 2021 -	\$4,400,000	(T)
PROJ.CATEGORY	BOULEVARD IN GOLDSBORO.		FY 2022 -	\$4,400,000	(T)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2023 -	\$4,400,000	(T)
				\$13,470,000	

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DIVISION 4

* W-5204 EDGEcombe HALIFAX JOHNSTON NASH WAYNE WILSON	VARIOUS, DIVISION 4 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. <u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2019 -	<u>\$1,600,000</u>	(HSIP)
				\$1,600,000	

* W-5600 JOHNSTON PROJ.CATEGORY REGIONAL	US 70, US 70 BUSINESS TO NEUSE RIVER BRIDGE. CONVERT TO FREEWAY WITH INTERCHANGES AT SR 1501 (SWIFT CREEK ROAD) AND SR 1919 (WILSON'S MILLS ROAD). <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - FY 2018 - FY 2019 -	<u>\$10,225,000</u> <u>\$1,325,000</u> <u>\$77,000,000</u>	(NHP) (NHP) (NHP)
				\$88,550,000	

DIVISION 5

B-5318 WAKE PROJ.CATEGORY DIVISION	SR 2044 (LIGON MILL ROAD), REPLACE BRIDGE 910126 OVER SMITHS CREEK IN WAKE FOREST. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 -	<u>\$180,000</u> <u>\$1,124,000</u> <u>\$3,300,000</u>	(STBGOFF) (STBGOFF) (STBGOFF)
				\$4,604,000	

P-5706 DURHAM PROJ.CATEGORY STATEWIDE	NORFOLK SOUTHERN H LINE, EAST DURHAM RAILROAD SAFETY PROJECT. PROJECT WILL STRAIGHTEN EXISTING RAILROAD CURVATURE BETWEEN CP NELSON AND CP EAST DURHAM AND INCLUDES A COMBINATION OF GRADE SEPARATIONS AND CLOSURES AT ELLIS ROAD SOUTH END (734737A), GLOVER ROAD (734735L), AND WRENN ROAD (734736T) IN DURHAM. <u>REVISE PROJECT DESCRIPTION AT RAIL DIVISION REQUEST TO CLARIFY SCOPE OF WORK.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - FY 2026 - FY 2026 - FY 2027 - FY 2027 - FY 2028 - FY 2028 -	<u>\$9,327,000</u> <u>\$10,891,000</u> <u>\$167,000</u> <u>\$10,891,000</u> <u>\$167,000</u> <u>\$10,891,000</u> <u>\$166,000</u>	(T) (T) (O) (T) (O) (T) (O)
				\$42,500,000	

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DIVISION 5

* P-5707	CSX S LINE, CONSTRUCT GRADE SEPARATION AT	CONSTRUCTION	FY 2019 -	\$11,800,000	(T)
WAKE	ROGERS ROAD EXTENSION CROSSING (633905Y) IN		FY 2020 -	\$11,800,000	(T)
PROJ.CATEGORY	WAKE FOREST.			\$23,600,000	
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				

* R-5785	VARIOUS, DIVISION 5 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
DURHAM	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
FRANKLIN	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
GRANVILLE	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
PERSON	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
VANCE	<u>PROGRAMMED.</u>				
WAKE					
WARREN					
PROJ.CATEGORY					
DIVISION					

* U-5302	US 401, SOUTH OF SR 1006 (OLD STAGE ROAD) TO	RIGHT-OF-WAY	FY 2019 -	\$850,000	(T)
WAKE	SOUTH OF SR 2538 (MECHANICAL BOULEVARD) /	BUILD NC CONST	FY 2020 -	\$1,030,000	(T)
PROJ.CATEGORY	GARNER STATION BOULEVARD IN GARNER. CONVERT		FY 2021 -	\$1,030,000	(T)
REGIONAL	TO SUPERSTREET.		FY 2022 -	\$1,030,000	(T)
	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2023 -	\$1,030,000	(T)
			FY 2024 -	\$1,030,000	(T)
			FY 2025 -	\$1,030,000	(T)
			FY 2026 -	\$1,030,000	(T)
			FY 2027 -	\$1,030,000	(T)
			FY 2028 -	\$1,030,000	(T)
			FY 2029 -	\$1,030,000	(T)
			POST YR-	\$5,150,000	(T)
		CONSTRUCTION	FY 2020 -	\$1,200,000	(T)
				\$17,500,000	

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DIVISION 5

* U-5747B	NC 54, SR 1635 (MCCRIMMON PARKWAY) IN	BUILD NC ROW	FY 2019 -	\$515,000	(T)
WAKE	MORRISVILLE. CONVERT AT-GRADE INTERSECTION		FY 2020 -	\$515,000	(T)
PROJ.CATEGORY	TO GRADE SEPARATION, INCLUDING GRADE		FY 2021 -	\$515,000	(T)
REGIONAL	SEPARATION OF NORTH CAROLINA RAILROAD.		FY 2022 -	\$515,000	(T)
	<u>PROJECT TO UTILIZE BUILD NC BONDS</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-	\$2,060,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,800,000	(T)
		UTILITIES	FY 2019 -	\$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	

* U-5748	US 401, SR 2044 (LIGON MILL ROAD) / SR 2224	RIGHT-OF-WAY	FY 2020 -	\$12,465,000	(T)
WAKE	(MITCHELL MILL ROAD) IN RALEIGH. CONVERT AT-		FY 2021 -	\$12,465,000	(T)
PROJ.CATEGORY	GRADE INTERSECTION TO INTERCHANGE.	UTILITIES	FY 2020 -	\$275,000	(T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 -	\$275,000	(T)
		BUILD NC ROW	FY 2020 -	\$858,000	(T)
			FY 2021 -	\$858,000	(T)
			FY 2022 -	\$858,000	(T)
			FY 2023 -	\$858,000	(T)
			FY 2024 -	\$858,000	(T)
			FY 2025 -	\$858,000	(T)
			FY 2026 -	\$858,000	(T)
			FY 2027 -	\$858,000	(T)
			FY 2028 -	\$858,000	(T)
			FY 2029 -	\$858,000	(T)
			POST YR-	\$4,290,000	(T)
		CONSTRUCTION	FY 2022 -	\$9,280,000	(T)
			FY 2023 -	\$9,280,000	(T)
			FY 2024 -	\$9,280,000	(T)
				\$66,190,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
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DIVISION 5

* U-5750	NC 54, NC 540 TO PERIMETER PARK DRIVE IN	BUILD NC ROW	FY 2019 -	\$601,000	(T)
WAKE	MORRISVILLE. ADD LANES.		FY 2020 -	\$601,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 -	\$601,000	(T)
REGIONAL			FY 2022 -	\$601,000	(T)
			FY 2023 -	\$601,000	(T)
			FY 2024 -	\$601,000	(T)
			FY 2025 -	\$601,000	(T)
			FY 2026 -	\$601,000	(T)
			FY 2027 -	\$601,000	(T)
			FY 2028 -	\$601,000	(T)
			FY 2029 -	\$601,000	(T)
			POST YR-	\$2,404,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$2,000,000	(T)
		UTILITIES	FY 2019 -	\$236,000	(T)
		CONSTRUCTION	FY 2021 -	\$8,450,000	(T)
			FY 2022 -	\$8,450,000	(T)
				\$28,151,000	

* U-5827	SR 1632 (LOUIS STEPHENS DRIVE), POPLAR PIKE LANE	BUILD NC CONST	FY 2019 -	\$86,000	(T)
WAKE	IN MORRISVILLE TO SR 2123 (LITTLE DRIVE) IN		FY 2020 -	\$86,000	(T)
PROJ.CATEGORY	RESEARCH TRIANGLE PARK. CONSTRUCT ROADWAY		FY 2021 -	\$86,000	(T)
DIVISION	ON NEW LOCATION.		FY 2022 -	\$86,000	(T)
	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$344,000	(T)
		CONSTRUCTION	FY 2019 -	\$1,577,000	(T)
				\$2,867,000	

DIVISION 6

* B-5993	LOUISE STREET, REPLACE BRIDGE NO. 250211 OVER	RIGHT-OF-WAY	FY 2018 -	\$50,000	(STBGOFF)
CUMBERLAND	BEAVER CREEK IN FAYETTEVILLE.		FY 2018 -	\$13,000	(L)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 19 TO FY 18</u>	UTILITIES	FY 2018 -	\$154,000	(STBGOFF)
DIVISION	<u>AND CONSTRUCTION FROM FY 19 TO FY 18.</u>		FY 2018 -	\$39,000	(L)
		CONSTRUCTION	FY 2018 -	\$920,000	(STBGOFF)
			FY 2018 -	\$230,000	(L)
				\$1,406,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
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DIVISION 6

* R-5786	VARIOUS, DIVISION 6 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BLADEN	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
COLUMBUS	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
CUMBERLAND	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
HARNETT	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
ROBESON	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

* U-4405	US 401 (RAEFORD ROAD), WEST OF HAMPTON OAKS	CONSTRUCTION	FY 2018 -	\$45,100,000	(STBG)
CUMBERLAND	DRIVE TO EAST OF FAIRWAY DRIVE IN FAYETTEVILLE.		FY 2019 -	\$45,100,000	(STBG)
PROJ.CATEGORY	CONSTRUCT ACCESS MANAGEMENT IMPROVEMENTS.			\$90,200,000	
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>				
	<u>THRESHOLDS.</u>				

DIVISION 7

B-5713	WILLOW ROAD, REPLACE BRIDGE 400352 OVER I-40 /	RIGHT-OF-WAY	FY 2019 -	\$166,000	(NHPB)
GUILFORD	BUSINESS 85 IN GREENSBORO.	CONSTRUCTION	FY 2019 -	\$3,318,000	(NHPB)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$3,484,000	
DIVISION	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19,</u>				
	<u>AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>				

EB-4707A	SR 1838 / SR 2220, US 15 / US 501 IN ORANGE COUNTY	CONSTRUCTION	FY 2019 -	\$1,925,000	(STBGDA)
DURHAM	TO SR 1113 (POPE ROAD) IN DURHAM COUNTY		FY 2019 -	\$525,000	(TAP)
ORANGE	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE</u>		FY 2019 -	\$350,000	(TAPDA)
PROJ.CATEGORY	<u>RIGHT-OF-WAY PHASE, DELAY CONSTRUCTION FROM</u>		FY 2019 -	\$700,000	(L)
TRANSITION	<u>FY 18 TO FY 19.</u>			\$3,500,000	

EB-5888	SR 1747 (EAST STADIUM DRIVE), SR 1962 (NORTH	ENGINEERING	FY 2019 -	\$40,000	(TAP)
ROCKINGHAM	PIERCE STREET) TO FREEDOM PARK IN EDEN.		FY 2019 -	\$10,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK.	CONSTRUCTION	FY 2020 -	\$354,000	(TAP)
DIVISION	<u>PENDING EXECUTION OF MUNICIPAL AGREEMENT,</u>		FY 2020 -	\$89,000	(L)
	<u>DELAY ENGINEERING FROM FY 18 TO FY 19.</u>			\$493,000	

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* INDICATES FEDERAL AMENDMENT

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DIVISION 7

* I-5711	I-40 / I-85, SR 1007 (MEBANE-OAKS ROAD) IN MEBANE.	RIGHT-OF-WAY	FY 2018 -	\$3,215,000	(NHP)
ALAMANCE	INTERCHANGE IMPROVEMENTS.	UTILITIES	FY 2018 -	\$661,000	(NHP)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2019 -	\$10,700,000	(NHP)
STATEWIDE	<u>THRESHOLDS.</u>			\$14,576,000	

* R-4707	US 29; SR 4771 (REEDY FORK PARKWAY), US 29 / SR	RIGHT-OF-WAY	FY 2019 -	\$3,488,000	(T)
GUILFORD	4771 (REEDY FORK PARKWAY) INTERCHANGE	UTILITIES	FY 2019 -	\$485,000	(T)
PROJ.CATEGORY	IMPROVEMENTS IN GREENSBORO. IMPROVE	BUILD NC ROW	FY 2019 -	\$1,287,000	(T)
REGIONAL	ROADWAY, MODIFY INTERCHANGE, AND REPLACE		FY 2020 -	\$1,287,000	(T)
	BRIDGE 400360		FY 2021 -	\$1,287,000	(T)
	<u>PROJECT TO UTILIZE BUILD NC BONDS.</u>		FY 2022 -	\$1,287,000	(T)
			FY 2023 -	\$1,287,000	(T)
			FY 2024 -	\$1,287,000	(T)
			FY 2025 -	\$1,287,000	(T)
			FY 2026 -	\$1,287,000	(T)
			FY 2027 -	\$1,287,000	(T)
			FY 2028 -	\$1,287,000	(T)
			FY 2029 -	\$1,287,000	(T)
			POST YR-	\$5,148,000	(T)
		CONSTRUCTION	FY 2020 -	\$11,467,000	(T)
			FY 2021 -	\$11,467,000	(T)
			FY 2022 -	\$11,466,000	(T)
				\$57,678,000	

* R-5787	VARIOUS, DIVISION 7 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
ALAMANCE	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
CASWELL	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
GUILFORD	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
ORANGE	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
ROCKINGHAM	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
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DIVISION 7

* 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>PROJECT TO UTILIZE BUILD NC BONDS.</u>	BUILD NC CONST	FY 2020 -	\$429,000	(T)
DIVISION			FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$2,145,000	(T)
		CONSTRUCTION	FY 2020 -	<u>\$1,200,000</u>	(T)
				\$9,705,000	

* U-5896	US 29 / US 70 / BUSINESS 85, SR 1009 (SOUTH MAIN	BUILD NC ROW	FY 2019 -	\$944,000	(T)
GUILFORD	STREET) IN HIGH POINT. RECONSTRUCT		FY 2020 -	\$944,000	(T)
PROJ.CATEGORY	INTERCHANGE.		FY 2021 -	\$944,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS.</u>		FY 2022 -	\$944,000	(T)
			FY 2023 -	\$944,000	(T)
			FY 2024 -	\$944,000	(T)
			FY 2025 -	\$944,000	(T)
			FY 2026 -	\$944,000	(T)
			FY 2027 -	\$944,000	(T)
			FY 2028 -	\$944,000	(T)
			FY 2029 -	\$944,000	(T)
			POST YR-	\$3,776,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$2,444,000	(T)
		UTILITIES	FY 2019 -	\$2,437,000	(T)
		CONSTRUCTION	FY 2021 -	<u>\$12,012,000</u>	(T)
				\$31,053,000	

DIVISION 8

EB-5872	SR 1108 (WEST BOULEVARD), SR 1105 (TURNPIKE	ENGINEERING	FY 2019 -	\$70,000	(TAP)
SCOTLAND	ROAD) TO SUNSET DRIVE IN LAURINBURG.		FY 2019 -	<u>\$17,000</u>	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK ON WEST SIDE, AND PROVIDE			\$87,000	
DIVISION	PEDESTRIAN ACCOMMODATIONS AT US 15 / US 401 /				
	US 501 INTERSECTION AND ACROSS US 74.				
	<u>PENDING EXECUTION OF MUNICIPAL AGREEMENT,</u>				
	<u>DELAY ENGINEERING FROM FY18 TO FY19.</u>				

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
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DIVISION 8

* R-3830	NC 42; SR 1579 (BROADWAY ROAD / NORTH MAIN STREET), NC 42, US 421 (HORNER BOULEVARD) IN SANFORD TO SR 1579 (BROADWAY ROAD) AND SR 1579 (BROADWAY ROAD / NORTH MAIN STREET), NC 42 (AVENTS FERRY ROAD) TO SR 1538 (EAST HARRINGTON AVENUE) IN BROADWAY. WIDEN TO MULTILANES.	BUILD NC CONST	FY 2020 -	\$1,287,000	(T)
LEE			FY 2021 -	\$1,287,000	(T)
PROJ.CATEGORY			FY 2022 -	\$1,287,000	(T)
DIVISION			FY 2023 -	\$1,287,000	(T)
			FY 2024 -	\$1,287,000	(T)
			FY 2025 -	\$1,287,000	(T)
			FY 2026 -	\$1,287,000	(T)
			FY 2027 -	\$1,287,000	(T)
			FY 2028 -	\$1,287,000	(T)
			FY 2029 -	\$1,287,000	(T)
			POST YR-	\$6,435,000	(T)
		CONSTRUCTION	FY 2020 -	\$5,400,000	(T)
			FY 2021 -	\$5,400,000	(T)
			FY 2022 -	<u>\$5,400,000</u>	(T)
				\$35,505,000	
* R-5788	VARIOUS, DIVISION 8 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
CHATHAM			FY 2018 -	\$200,000	(O)
HOKE			FY 2019 -	\$3,200,000	(TAP)
LEE			FY 2019 -	<u>\$800,000</u>	(O)
MONTGOMERY				\$5,000,000	
MOORE	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED.</u>				
RANDOLPH					
RICHMOND					
SCOTLAND					
PROJ.CATEGORY					
DIVISION					

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
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DIVISION 8

* U-5308 RANDOLPH PROJ.CATEGORY DIVISION	SR 1547 (FINCH FARM ROAD), SR 3106 (KENNEDY ROAD) TO I-85 IN TRINITY. WIDEN TO MULTILANES. <u>PROJECT TO UTILIZE BUILD NC BONDS</u>	BUILD NC ROW	FY 2019 - \$429,000 (T) FY 2020 - \$429,000 (T) 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)
		RIGHT-OF-WAY	FY 2019 - \$5,181,000 (T)
		UTILITIES	FY 2019 - \$341,000 (T)
		CONSTRUCTION	FY 2020 - \$7,695,000 (T) FY 2021 - \$7,695,000 (T)
			\$27,347,000

* U-5711 RANDOLPH PROJ.CATEGORY DIVISION	SR 1712 (PINEVIEW STREET), WEST OF SYLVAN STREET TO US 220 BUSINESS IN ASHEBORO. WIDEN TO MULTILANES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$1,101,000 (T) FY 2019 - \$132,000 (T) FY 2020 - \$4,600,000 (T)
			\$5,833,000

DIVISION 9

AV-5738 FORSYTH PROJ.CATEGORY DIVISION	SMITH REYNOLDS AIRPORT (INT), ACQUIRE LAND AND CLEAR TERRAIN OBSTRUCTIONS EAST OF RUNWAY 15-33 TO DRAIN AND GRADE MATERIAL IN PLACE. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 19, AT REQUEST OF AVIATION DIVISION. PROJECT TO BE COMBINED FOR LET WITH AV-5832.</u>	CONSTRUCTION	FY 2019 - \$1,909,000 (T) \$1,909,000
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AV-5832 FORSYTH PROJ.CATEGORY DIVISION	SMITH REYNOLDS AIRPORT (INT), CONSTRUCT NEW TAXILANE. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 19, AT REQUEST OF AVIATION DIVISION. PROJECT TO BE COMBINED FOR LET WITH AV-5738.</u>	CONSTRUCTION	FY 2019 - \$6,200,000 (T) \$6,200,000
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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
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DIVISION 9

* P-5726	NORFOLK SOUTHERN, NS MAINLINE IN ROWAN COUNTY. CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL AND SIGNAL EQUIPMENT.	RIGHT-OF-WAY	FY 2019 -	\$1,638,000	(T)
ROWAN		CONSTRUCTION	FY 2019 -	\$5,382,000	(T)
PROJ.CATEGORY			FY 2019 -	\$780,000	(O)
REGIONAL				\$7,800,000	

ACCELERATE RIGHT-OF-WAY FROM FY 24 TO FY 19 AND CONSTRUCTION FROM FY 26 TO FY 19 AT REQUEST OF RAIL DIVISION.

* R-5789	VARIOUS, DIVISION 9 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
DAVIDSON			FY 2018 -	\$200,000	(O)
DAVIE			FY 2019 -	\$3,200,000	(TAP)
FORSYTH			FY 2019 -	\$800,000	(O)
ROWAN				\$5,000,000	
STOKES					
PROJ.CATEGORY					
DIVISION					

ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED.

* U-2729	SR 1672 (HANES MILL ROAD), MUSEUM DRIVE TO SR 4000 (UNIVERSITY PARKWAY) IN WINSTON-SALEM. WIDEN TO MULTILANES.	BUILD NC ROW	FY 2019 -	\$515,000	(T)
FORSYTH			FY 2020 -	\$515,000	(T)
PROJ.CATEGORY			FY 2021 -	\$515,000	(T)
DIVISION			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,766,000	(T)
		UTILITIES	FY 2019 -	\$429,000	(T)
		CONSTRUCTION	FY 2021 -	\$11,600,000	(T)
				\$21,520,000	

PROJECT TO UTILIZE BUILD NC BONDS.

DIVISION 10

C-5159	KANNAPOLIS, ROXIE STREET, NC 3 AND DALE EARNHARDT BOULEVARD IN KANNAPOLIS. STREET IMPROVEMENTS.	ENGINEERING	FY 2018 -	\$108,000	(CMAQ)
CABARRUS			FY 2018 -	\$27,000	(L)
PROJ.CATEGORY		CONSTRUCTION	FY 2019 -	\$432,000	(CMAQ)
EXEMPT			FY 2019 -	\$108,000	(L)
				\$675,000	

TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 17 TO FY 19.

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
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DIVISION 10

C-5537 MECKLENBURG PROJ.CATEGORY EXEMPT	CHARLOTTE, BARTON CREEK GREENWAY IN CHARLOTTE. CONSTRUCT A CONNECTOR BETWEEN MALLARD CREEK GREENWAY AND UNIVERSITY PLACE. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 17 TO FY 18.</u>	CONSTRUCTION	FY 2018 - \$1,384,000 (CMAQ) FY 2018 - \$639,000 (L) \$2,023,000
EB-5723 UNION PROJ.CATEGORY DIVISION	US 74, SR 1520 (INDIAN TRAIL FAIRVIEW ROAD) TO SR 1367 (UNIONVILLE INDIAN TRAIL ROAD). CONSTRUCT A MULTI-USE PATH. SR 1367 (UNIONVILLE INDIAN TRAIL ROAD) TO OAKWOOD LANE. CONSTRUCT A MULTI-USE GREENWAY. <u>CHANGE FUNDING SOURCES AT REQUEST OF MPO.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$145,000 (TAP) FY 2019 - \$36,000 (L) FY 2019 - \$100,000 (TAP) FY 2019 - \$25,000 (L) FY 2020 - \$2,879,000 (STBGDA) FY 2020 - \$868,000 (TAP) FY 2020 - \$1,020,000 (L) \$5,073,000
EB-5777 MECKLENBURG PROJ.CATEGORY DIVISION	CORNELIUS, MCDOWELL CREEK TRIBUTARY GREENWAY; CONSTRUCT GREENWAY FROM SMITHVILLE PARK TO J.V. WASHAM ELEMENTARY. CONSTRUCT MULTI-USE PATH ALONG WESTMORELAND ROAD TO LAKE PINES DRIVE. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19. CHANGE FUNDING SOURCES AT REQUEST OF MPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$300,000 (STBGDA) FY 2019 - \$75,000 (L) FY 2020 - \$2,100,000 (STBGDA) FY 2020 - \$525,000 (L) \$3,000,000
EB-5786 MECKLENBURG PROJ.CATEGORY DIVISION	MECKLENBURG COUNTY, LITTLE SUGAR CREEK GREENWAY EXTENSION, RAMBLEWOOD LANE TO BURNT MILL ROAD. CONSTRUCT GREENWAY. <u>CHANGE FUNDING SOURCES AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2018 - \$2,200,000 (TAPDA) FY 2018 - \$550,000 (L) \$2,750,000
EB-5817 MECKLENBURG PROJ.CATEGORY DIVISION	CORNELIUS, MCDOWELL CREEK GREENWAY, MAGNOLIA PLAZA TO WESTMORELAND ROAD. CONSTRUCT GREENWAY. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19. CHANGE FUNDING SOURCES AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2019 - \$1,400,000 (TAPDA) FY 2019 - \$1,200,000 (L) \$2,600,000

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EB-5819 UNION PROJ.CATEGORY DIVISION	WAXHAW, DOWNTOWN WAXHAW PEDESTRIAN AND BICYCLE FACILITY ENHANCEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19. CHANGE FUNDING SOURCES AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2019 - \$515,000 (STBGDA) FY 2019 - \$515,000 (L) \$1,030,000
EB-5829 MECKLENBURG PROJ.CATEGORY DIVISION	MATTHEWS, CONSTRUCT FOUR MILE CREEK GREENWAY CROSSING UNDER SR 3448 (SOUTH TRADE STREET) <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19. CHANGE FUNDING SOURCES AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2019 - \$45,000 (STBGDA) FY 2019 - \$1,400,000 (TAPDA) FY 2019 - \$471,000 (L) \$1,916,000
EB-5832 MECKLENBURG PROJ.CATEGORY DIVISION	CHARLOTTE, SR 2833 (MALLARD CREEK CHURCH ROAD), SR 2472 (MALLARD CREEK ROAD) TO SR 2746 (CLAUDE FREEMAN DRIVE). CONSTRUCT MULTI-USE TRAIL ON SOUTH SIDE OF ROAD. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20. CHANGE FUNDING SOURCES AT REQUEST OF MPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$531,000 (TAP) FY 2018 - \$133,000 (L) FY 2020 - \$200,000 (STBGDA) FY 2020 - \$542,000 (TAP) FY 2020 - \$186,000 (L) \$1,592,000
EB-5933 MECKLENBURG PROJ.CATEGORY DIVISION	DAVIDSON, KINCAID MULTIUSE PATH. EUGENIA STREET AND SPRING STREET TO SOUTH PRONG ROCKY RIVER GREENWAY NEAR DAVIDSON ELEMENTARY. <u>CHANGE FUNDING SOURCES AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2018 - \$387,000 (STBGDA) FY 2018 - \$315,000 (TAPDA) FY 2018 - \$175,000 (L) \$877,000

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* R-2530B	NC 24-27, BIRD ROAD IN ALBEMARLE TO WEST OF THE	BUILD NC CONST	FY 2019 -	\$2,574,000	(T)
STANLY	PEE DEE RIVER		FY 2020 -	\$2,574,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 -	\$2,574,000	(T)
REGIONAL			FY 2022 -	\$2,574,000	(T)
			FY 2023 -	\$2,574,000	(T)
			FY 2024 -	\$2,574,000	(T)
			FY 2025 -	\$2,574,000	(T)
			FY 2026 -	\$2,574,000	(T)
			FY 2027 -	\$2,574,000	(T)
			FY 2028 -	\$2,574,000	(T)
			FY 2029 -	\$2,574,000	(T)
			POST YR-	\$10,296,000	(T)
		CONSTRUCTION	FY 2019 -	\$7,525,000	(T)
			FY 2020 -	\$7,525,000	(T)
			FY 2021 -	\$7,525,000	(T)
			FY 2022 -	<u>\$7,525,000</u>	(T)
				\$68,710,000	
* R-5790	VARIOUS, DIVISION 10 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
ANSON	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
CABARRUS	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
MECKLENBURG	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	<u>\$800,000</u>	(O)
STANLY	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
UNION	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

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

U-5956	US 29, REALIGN UNION CEMETERY ROAD TO	RIGHT-OF-WAY	FY 2020 -	\$1,000,000	(T)
CABARRUS	INTERSECT US 29 AT ROCK HILL CHURCH ROAD AND	UTILITIES	FY 2020 -	\$500,000	(T)
PROJ.CATEGORY	CONSTRUCT IMPROVEMENTS ALONG US 29 FROM 0.6	CONSTRUCTION	FY 2020 -	\$3,000,000	(T)
REGIONAL	MILE WEST OF ROCK HILL CHURCH ROAD TO JUST			\$4,500,000	
	EAST OF ROCK HILL CHURCH ROAD.				
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>				
	<u>RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>				

* U-6032	SR 2464 (ODELL SCHOOL ROAD), I-485 TO CONCORD	BUILD NC ROW	FY 2020 -	\$86,000	(T)
CABARRUS	MILLS BOULEVARD. WIDEN TO FOUR-LANES DIVIDED.		FY 2021 -	\$86,000	(T)
MECKLENBURG	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>		FY 2022 -	\$86,000	(T)
PROJ.CATEGORY	<u>RIGHT-OF-WAY FROM FY 19 TO FY 20. PROJECT TO</u>		FY 2023 -	\$86,000	(T)
DIVISION	<u>UTILIZE BUILD NC BONDS</u>		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 -	\$3,500,000	(T)
			FY 2022 -	\$3,500,000	(T)
			FY 2023 -	\$3,500,000	(T)
				\$13,690,000	

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DIVISION 10

U-6088	MARVIN, NEW TOWN ROAD AT MARVIN ROAD.	RIGHT-OF-WAY	FY 2019 -	\$45,000	(STBGDA)
UNION	CONSTRUCT ROUNDABOUT.		FY 2019 -	\$15,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20.</u>		FY 2019 -	\$15,000	(S(M))
DIVISION		CONSTRUCTION	FY 2020 -	\$542,000	(STBGDA)
			FY 2020 -	\$205,000	(L)
			FY 2020 -	\$155,000	(S(M))
					\$977,000

DIVISION 11

* B-5825	NC 67, REPLACE BRIDGE 980035 OVER YADKIN RIVER.	RIGHT-OF-WAY	FY 2019 -	\$830,000	(T)	
YADKIN	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>	BUILD NC CONST	FY 2020 -	\$687,000	(T)	
PROJ.CATEGORY			FY 2021 -	\$687,000	(T)	
REGIONAL			FY 2022 -	\$687,000	(T)	
			FY 2023 -	\$687,000	(T)	
			FY 2024 -	\$687,000	(T)	
			FY 2025 -	\$687,000	(T)	
			FY 2026 -	\$687,000	(T)	
			FY 2027 -	\$687,000	(T)	
			FY 2028 -	\$687,000	(T)	
			FY 2029 -	\$687,000	(T)	
			POST YR-	\$3,435,000	(T)	
			CONSTRUCTION	FY 2020 -	\$1,200,000	(T)
				FY 2021 -	\$1,200,000	(T)
				\$13,535,000		

EB-5806	LENOIR, HOSPITAL AVENUE, HARPER AVENUE TO US	RIGHT-OF-WAY	FY 2019 -	\$40,000	(TAPDA)
CALDWELL	321 (BLOWING ROCK BOULEVARD). CONSTRUCT		FY 2019 -	\$10,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20.</u>	CONSTRUCTION	FY 2020 -	\$520,000	(TAPDA)
DIVISION			FY 2021 -	\$130,000	(L)
					\$700,000

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DIVISION 11

* R-5759	NC 115, US 421 TO 2ND STREET. WIDEN ROADWAY.	BUILD NC ROW	FY 2019 -	\$515,000	(T)
WILKES	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2020 -	\$515,000	(T)
PROJ.CATEGORY			FY 2021 -	\$515,000	(T)
DIVISION			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,500,000	(T)
		UTILITIES	FY 2019 -	\$450,000	(T)
			FY 2020 -	\$450,000	(T)
		CONSTRUCTION	FY 2021 -	\$13,600,000	(T)
			FY 2022 -	\$13,600,000	(T)
				\$37,325,000	

* R-5791	VARIOUS, DIVISION 11 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
ALLEGHANY	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
ASHE	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
AVERY	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
CALDWELL	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
SURRY	<u>PROGRAMMED.</u>				
WATAUGA					
WILKES					
YADKIN					
PROJ.CATEGORY					
DIVISION					

U-6035	SR 1002 (DUDLEY SHOALS ROAD), SR 1002 (DUDLEY	RIGHT-OF-WAY	FY 2019 -	\$150,000	(T)
CALDWELL	SHOALS ROAD) AND SR 1751 (GRACE CHAPEL	UTILITIES	FY 2019 -	\$100,000	(T)
PROJ.CATEGORY	ROAD/CAMPGROUND ROAD)/SR 1752 (PEACH	CONSTRUCTION	FY 2020 -	\$780,000	(T)
DIVISION	ORCHARD ROAD). CONSTRUCT ROUNDABOUT.			\$1,030,000	
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>				
	<u>AND CONSTRUCTION FROM FY 19 TO FY 20.</u>				

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DIVISION 12

C-5701	MOORESVILLE, INTERSECTION OF NC 801 AND NC	CONSTRUCTION	FY 2019 -	\$959,000	(CMAQ)
IREDELL	150. CONSTRUCT INTERSECTION IMPROVEMENTS.		FY 2019 -	\$650,000	(BA)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u>		FY 2019 -	\$255,000	(L)
EXEMPT	<u>CONSTRUCTION FROM FY 17 TO FY 19.</u>			\$1,864,000	
EB-5818	STATESVILLE, CONSTRUCT GREENWAY CONNECTOR	CONSTRUCTION	FY 2019 -	\$1,200,000	(STBGDA)
IREDELL	UNDER US 21 (TURNERSBURG HIGHWAY).		FY 2019 -	\$470,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u>			\$1,670,000	
DIVISION	<u>CONSTRUCTION FROM FY 18 TO FY 19. CHANGE</u>				
	<u>FUNDING SOURCES AT REQUEST OF MPO.</u>				
* EB-5937	HICKORY, BOOK WALK. CONSTRUCT MULTI-USE PATH	RIGHT-OF-WAY	FY 2019 -	\$300,000	(TAPDA)
CATAWBA	FROM CITY WALK TO RIDGEVIEW LIBRARY.		FY 2019 -	\$75,000	(L)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 19 NOT PREVIOUSLY</u>	CONSTRUCTION	FY 2019 -	\$1,500,000	(STBG)
DIVISION	<u>PROGRAMMED.</u>		FY 2019 -	\$200,000	(STBGDA)
			FY 2019 -	\$425,000	(L)
				\$2,500,000	
* EB-5938	HICKORY, BOOK WALK SOUTH. CONSTRUCT MULTI-	RIGHT-OF-WAY	FY 2019 -	\$480,000	(TAPDA)
CATAWBA	USE PATH FROM RIDGEVIEW LIBRARY TO WALMART.		FY 2019 -	\$120,000	(L)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 19 NOT PREVIOUSLY</u>	CONSTRUCTION	FY 2019 -	\$2,400,000	(STBG)
DIVISION	<u>PROGRAMMED.</u>		FY 2019 -	\$320,000	(TAPDA)
			FY 2019 -	\$680,000	(L)
				\$4,000,000	
* R-5100B	SR 1109 (WILLIAMSON ROAD), SR 1100 (BRAWLEY	RIGHT-OF-WAY	FY 2019 -	\$1,000,000	(T)
IREDELL	SCHOOL ROAD) TO NC 150. WIDEN TO MULTI-LANES.	UTILITIES	FY 2019 -	\$750,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2020 -	\$750,000	(T)
DIVISION		CONSTRUCTION	FY 2020 -	\$5,100,000	(T)
				\$7,600,000	

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* R-5792	VARIOUS, DIVISION 12 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
ALEXANDER	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
CATAWBA	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
CLEVELAND	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
GASTON	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
IREDELL	<u>PROGRAMMED.</u>				
LINCOLN					
PROJ.CATEGORY					
DIVISION					

* U-5799	US 21, SR 1933 TO FORT DOBBS ROAD. WIDEN TO	BUILD NC ROW	FY 2019 -	\$172,000	(T)
IREDELL	MULTI-LANES AND REALIGN OFFSET INTERSECTIONS		FY 2020 -	\$172,000	(T)
PROJ.CATEGORY	OF SR 1922 AND SR 2171.		FY 2021 -	\$172,000	(T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 -	\$172,000	(T)
			FY 2023 -	\$172,000	(T)
			FY 2024 -	\$172,000	(T)
			FY 2025 -	\$172,000	(T)
			FY 2026 -	\$172,000	(T)
			FY 2027 -	\$172,000	(T)
			FY 2028 -	\$172,000	(T)
			FY 2029 -	\$172,000	(T)
			POST YR-	\$688,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$600,000	(T)
			FY 2020 -	\$600,000	(T)
		UTILITIES	FY 2019 -	\$400,000	(T)
		CONSTRUCTION	FY 2021 -	\$6,550,000	(T)
			FY 2022 -	\$6,550,000	(T)
				\$17,280,000	

U-5817	SR 1246 (FAIRVIEW ROAD), EXTEND SR 1246	RIGHT-OF-WAY	FY 2019 -	\$2,550,000	(STBGDA)
IREDELL	(FAIRVIEW ROAD) OVER I-77 TO CONNECT WITH SR		FY 2019 -	\$2,725,000	(BA)
PROJ.CATEGORY	1206 (ALCOVE ROAD) AND CONSTRUCT PARALLEL		FY 2019 -	\$550,000	(T)
DIVISION	NORTH-SOUTH CONNECTOR ROADS TO SR 1109		FY 2020 -	\$2,725,000	(BA)
	(WILLIAMSON ROAD).		FY 2020 -	\$550,000	(T)
	<u>CHANGE FUNDING SOURCES AT REQUEST OF MPO.</u>	UTILITIES	FY 2019 -	\$100,000	(T)
			FY 2020 -	\$100,000	(T)
		CONSTRUCTION	FY 2021 -	\$9,400,000	(T)
			FY 2022 -	\$9,400,000	(T)
				\$28,100,000	

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* EB-5939	RIVERWALK IN HICKORY. CONSTRUCT MULTI-USE	CONSTRUCTION	FY 2019 -	\$1,500,000	(STBG)
BURKE	PATH FROM OLD LENOIR ROAD AT CITY OWNED		FY 2019 -	\$500,000	(STBGDA)
PROJ.CATEGORY	PROPERTY TO END OF PROPOSED ROSALES BRIDGE.		FY 2019 -	\$500,000	(L)
DIVISION	<u>MODIFY PROJECT LIMITS AT THE REQUEST OF THE CITY OF HICKORY.</u>			\$2,500,000	

* R-2233BB	US 221, SOUTH OF US 74 BUSINESS TO NORTH OF SR	BUILD NC CONST	FY 2020 -	\$773,000	(T)
RUTHERFORD	1366 (ROPER LOOP ROAD)		FY 2021 -	\$773,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 -	\$773,000	(T)
DIVISION			FY 2023 -	\$773,000	(T)
			FY 2024 -	\$773,000	(T)
			FY 2025 -	\$773,000	(T)
			FY 2026 -	\$773,000	(T)
			FY 2027 -	\$773,000	(T)
			FY 2028 -	\$773,000	(T)
			FY 2029 -	\$773,000	(T)
			POST YR-	\$3,865,000	(T)
		CONSTRUCTION	FY 2020 -	\$18,100,000	(T)
			FY 2021 -	\$18,100,000	(T)
			FY 2022 -	\$18,100,000	(T)
			FY 2023 -	\$18,100,000	(T)
				\$83,995,000	

* R-5793	VARIOUS, DIVISION 13 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BUNCOMBE	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
BURKE	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
MADISON	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
MCDOWELL	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
MITCHELL	<u>PROGRAMMED.</u>				
RUTHERFORD					
YANCEY					
PROJ.CATEGORY					
DIVISION					

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* U-5818	SR 1001 (SUGAR HILL ROAD), I-40 WESTBOUND RAMPS	RIGHT-OF-WAY	FY 2018 -	\$150,000	(T)
McDOWELL	TO 0.3 MILE WEST OF I-40 EASTBOUND RAMPS.	UTILITIES	FY 2018 -	\$10,000	(T)
PROJ.CATEGORY	WIDEN ROADWAY.	BUILD NC CONST	FY 2019 -	\$601,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2020 -	\$601,000	(T)
			FY 2021 -	\$601,000	(T)
			FY 2022 -	\$601,000	(T)
			FY 2023 -	\$601,000	(T)
			FY 2024 -	\$601,000	(T)
			FY 2025 -	\$601,000	(T)
			FY 2026 -	\$601,000	(T)
			FY 2027 -	\$601,000	(T)
			FY 2028 -	\$601,000	(T)
			FY 2029 -	\$601,000	(T)
			POST YR-	\$2,404,000	(T)
		CONSTRUCTION	FY 2019 -	<u>\$1,100,000</u>	(T)
				\$10,275,000	

DIVISION 14

EB-5923	SR 1432 (SKYLAND DRIVE), SR 1429 (CHIPPER CURVE	ENGINEERING	FY 2018 -	\$40,000	(TAP)
JACKSON	ROAD) TO US 23 BUSINESS. CONSTRUCT SIDEWALK.		FY 2018 -	\$10,000	(L)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 18</u>	RIGHT-OF-WAY	FY 2018 -	\$29,000	(TAP)
DIVISION	<u>AND CONSTRUCTION FROM FY 21 TO FY 19 PER</u>		FY 2018 -	\$7,000	(L)
	<u>DIVISION.</u>	CONSTRUCTION	FY 2019 -	\$271,000	(TAP)
			FY 2019 -	<u>\$68,000</u>	(L)
				\$425,000	

* R-5734B	US 23/US 441, SR 1652 (WIDE HORIZON DRIVE)/SR 1152	BUILD NC ROW	FY 2020 -	\$944,000	(T)
MACON	(BELDEN CIRCLE) TO SR 1649 (PRENTISS BRIDGE		FY 2021 -	\$944,000	(T)
PROJ.CATEGORY	ROAD).		FY 2022 -	\$944,000	(T)
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>		FY 2023 -	\$944,000	(T)
	<u>RIGHT-OF-WAY FROM FY 19 TO FY 20. PROJECT TO</u>		FY 2024 -	\$944,000	(T)
	<u>UTILIZE BUILD NC BONDS.</u>		FY 2025 -	\$944,000	(T)
			FY 2026 -	\$944,000	(T)
			FY 2027 -	\$944,000	(T)
			FY 2028 -	\$944,000	(T)
			FY 2029 -	\$944,000	(T)
			POST YR-	\$4,720,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$800,000	(T)
			FY 2021 -	\$800,000	(T)
		UTILITIES	FY 2020 -	\$650,000	(T)
			FY 2021 -	\$650,000	(T)
		CONSTRUCTION	FY 2021 -	\$8,550,000	(T)
			FY 2022 -	<u>\$8,550,000</u>	(T)
				\$34,160,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 14

* R-5735	US 19/US 74/ US 64/US 129, END OF 4-LANE DIVIDED	BUILD NC CONST	FY 2019 -	\$515,000	(T)
CHEROKEE	SECTION TO SR 1556 (MARTINS CREEK ROAD).		FY 2020 -	\$515,000	(T)
PROJ.CATEGORY	IMPROVE ROADWAY.		FY 2021 -	\$515,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		CONSTRUCTION	FY 2019 -	\$2,450,000	(T)
			FY 2020 -	<u>\$2,450,000</u>	(T)
				\$12,625,000	

* R-5742	NC 175, GEORGIA STATE LINE TO US 64. UPGRADE	BUILD NC CONST	FY 2019 -	\$515,000	(T)
CLAY	ROADWAY.		FY 2020 -	\$515,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 -	\$515,000	(T)
DIVISION			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		CONSTRUCTION	FY 2019 -	\$3,350,000	(T)
			FY 2020 -	<u>\$3,350,000</u>	(T)
				\$14,425,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 14

* R-5794	VARIOUS, DIVISION 14 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
CHEROKEE	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
CLAY	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
GRAHAM	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
HAYWOOD	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
HENDERSON	<u>PROGRAMMED.</u>				
JACKSON					
MACON					
POLK					
SWAIN					
TRANSYLVANIA					
PROJ.CATEGORY					
DIVISION					

* U-5839	US 276 (RUSS AVENUE), US 23/74 TO US 23 BUSINESS	BUILD NC ROW	FY 2019 -	\$258,000	(T)
HAYWOOD	(MAIN STREET). UPGRADE CORRIDOR.		FY 2020 -	\$258,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 -	\$258,000	(T)
DIVISION			FY 2022 -	\$258,000	(T)
			FY 2023 -	\$258,000	(T)
			FY 2024 -	\$258,000	(T)
			FY 2025 -	\$258,000	(T)
			FY 2026 -	\$258,000	(T)
			FY 2027 -	\$258,000	(T)
			FY 2028 -	\$258,000	(T)
			FY 2029 -	\$258,000	(T)
			POST YR-	\$1,032,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,600,000	(T)
			FY 2020 -	\$1,600,000	(T)
		UTILITIES	FY 2019 -	\$750,000	(T)
		CONSTRUCTION	FY 2021 -	\$5,400,000	(T)
			FY 2022 -	\$5,400,000	(T)
				\$18,620,000	

STIP DELETIONS

DIVISION 1

* I-6028A	US 64 (FUTURE I-87), EDGEcombe COUNTY LINE TO	CONSTRUCTION	FY 2022 -	\$12,285,000	(NHPIM)
MARTIN	US 64 ALT.			\$12,285,000	
PROJ.CATEGORY	<u>DELETE, WORK WAS COMPLETED WITH CONTRACT</u>				
STATEWIDE	<u>RESURFACING.</u>				

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP DELETIONS

DIVISION 3

* AV-5797 NEW HANOVER PROJ.CATEGORY STATEWIDE	WILMINGTON INTERNATIONAL (ILM), VARIOUS IMPROVEMENTS. <u>DELETE AT THE REQUEST OF MPO.</u>	CONSTRUCTION	FY 2026 -	\$500,000 (T) \$500,000
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DIVISION 7

* I-5822 ORANGE PROJ.CATEGORY STATEWIDE	I-40, I-85 TO EAST OF SR 1734 (ERWIN ROAD). PAVEMENT REHABILITATION. <u>DELETE PROJECT AT THE REQUEST OF DIVISION.</u> <u>WORK TO BE INCORPORATED INTO PROJECT I-3306A.</u>	CONSTRUCTION	FY 2019 -	\$12,450,000 (NHPI) \$12,450,000
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DIVISION 13

* R-5528A MITCHELL PROJ.CATEGORY EXEMPT	NEW ROUTE, CONSTRUCT ACCESS ROAD OFF SR 1129 (HENREDON ROAD) FROM THE END OF PHASE I PROJECT. <u>DELETE AT THE REQUEST OF MITCHELL COUNTY.</u>
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DIVISION 14

* B-6027 MACON PROJ.CATEGORY DIVISION	SR 1472 (SNOW HILL ROAD), REPLACE BRIDGE 550088 OVER COWEE CREEK. <u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u> <u>PROJECT 17BP.14.R.162.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 -	\$90,000 (STBG OFF) \$900,000 (STBG OFF) \$990,000
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* R-5838 POLK PROJ.CATEGORY DIVISION	NC 108, I-26 TO US 176. WIDEN ROADWAY. <u>DELETE PROJECT AT THE REQUEST OF RPO IN</u> <u>CONCURRENCE WITH THE DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 -	\$9,400,000 (T) \$1,200,000 (T) \$9,250,000 (T) \$9,250,000 (T) \$9,250,000 (T) \$9,250,000 (T) \$47,600,000
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* INDICATES FEDERAL AMENDMENT



HIGHWAYS COMMITTEE MEETING MINUTES

DRAFT

DATE: 8-1-2018 TIME: 2:50 PM – 3:50 PM* LOCATION: Room 150
*original time adjusted due to fire alarm

MEETING CALLED BY	Chairman Tarleton
BOARD ATTENDEES	Chairman Cullie Tarleton, Board Chairman Mike Fox, Grady Hunt, Patrick Molamphy, Jack Debnam and Michael Alford

AGENDA TOPICS

1. APPROVAL OF JUNE 2018 MINUTES	
DISCUSSION SUMMARY	Motion to approve the June minutes made by Member Debnam, seconded by Board Chairman Fox.
ACTIONS TAKEN	Motion to approve the June minutes as written passed unanimously.

2. FEMA UPDATE AND RECENT WEATHER EVENTS, MRS. EMILY MCGRAW, PE, NCDOT STATE ROAD MAINTENANCE ENGINEER	
DISCUSSION SUMMARY	<p>Mrs. Emily McGraw, NCDOT State Road Maintenance Engineer, provided an overview of the Hurricane Matthew Response and Recovery effort, detailing the Department’s crucial partnership with FHWA and FEMA. The damage from Hurricane Matthew included over 2000 identified FEMA route sites and over 700 identified FHWA route sites. As of March 12, 2018, repairs have been completed on 1,954 FEMA sites and 682 FHWA sites.</p> <p>Mrs. McGraw also provided an update on the recent weather events in the western part of the state, which took place May 15th – May 30th, 2018. Throughout the storm events, there were over 150 road closures with over 300 identified FEMA route sites and over 55 identified FHWA route sites.</p> <p>FHWA provides reimbursement for damages to Federal Aid routes, typically US, NC and Interstate routes. DOT Statewide declaration threshold for emergency reimbursement eligibility is approximately \$700,000. The minimum project threshold is \$5,000. Eligible work includes:</p> <ul style="list-style-type: none"> - Emergency repairs (first 180 days), reimbursed 100% - Permanent repairs, 90% reimbursement on Interstates and 80% reimbursement on other Federal Aid routes



HIGHWAYS COMMITTEE MEETING MINUTES

	<p>FEMA provides reimbursement for damages to state maintained secondary routes. Reimbursement eligibility requires approximately \$13M Statewide declaration threshold. The minimum project threshold is \$3,100. Work eligible for reimbursement includes:</p> <ul style="list-style-type: none"> - Category A – Debris Removal (~80% reimbursement) - Category B – Emergency Protective Measures (75% reimbursement) - Category C – Roads/Bridges (75% reimbursement) - Category E – Buildings/Equipment (75% reimbursement)
ACTIONS TAKEN	N/A
3. DIVISION 14 STORM RECOVERY, MR. BRIAN BURCH, PE, NCDOT DIVISION 14 ENGINEER	
DISCUSSION SUMMARY	<p>Mr. Brian Burch, Division 14 Engineer, provided details on how Division 14 was impacted by the recent storms at the end of May 2018 and the recovery efforts that the Division is currently undertaking. Division 14 experienced rockfalls, slides, and floods with the May weather events. To date in Polk County, NCDOT has spent \$6.5M, with an estimated total in damages of \$11M. The NC 9 slide is anticipated to cost \$1.49M, the NC 28 slide near Fontana Dam is anticipated to cost \$1.3M and the US 29 retaining wall \$1.7M. Mr. Burch detailed Division 14's approach to the storm damage which includes: (1) Protecting the Safety of the Travelling Public: assessing the situation and risk to motorists and employees, notifying Emergency Management and STOC, installing barricades and/or detours and communicating the status; and (2) Restoring Roads and Bridges: clearing roads of storm debris, determining repairs via Force Account/Construction, mobilizing assets within Division and State, determining disaster funding, identifying sites/estimates, utilizing emergency contracts, and communicating the status of the roads and bridges. Division 14's response to emergency situations includes having adequate personnel and equipment for the initial response, retaining subject matter experts to provide solutions, utilizing contractors for construction of repairs, having a working knowledge of available resources, utilizing the Communications Office, and ensuring proper documentation for federal reimbursement.</p>
ACTIONS TAKEN	N/A



HIGHWAYS COMMITTEE MEETING MINUTES

4. NAMING, NUMBERING AND DESIGNATING NCDOT FACILITIES, MR. KEVIN LACY, PE, NCDOT STATE TRAFFIC ENGINEER

DISCUSSION SUMMARY	<p>Mr. Kevin Lacy, NCDOT State Traffic Engineer, discussed NCDOT's processes for naming, numbering and designating routes, explaining the differences between each and discussing the roles of the Board, Department and municipalities in these processes. He discussed honorary designations for individuals, Veteran memorial designations such as Gold Star, Blue Star, etc. and other designations such as Adopt a Highway, Civil War Trail, Driving Trails, and Evacuation Routes. Terms of Reference were reviewed relative to facility types and special routes. The process for naming roads in municipalities/counties and state maintained roads was explained as well as how secondary roads are numbered. A detailed flow chart gave an overview showing each of the various route types and the process for their honorary designation, naming, and/or numbering. Board members were encouraged to discuss questions they receive in their areas with their Division Engineers.</p>
ACTIONS TAKEN	N/A



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION SEPTEMBER 5, 2018

TIME: 2:30 PM – 3:40 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of August 1, 2018 Meeting Minutes	Cullie Tarleton, Chair	2:30 pm
NCDOT's Procedures for Route Numbering	J. Kevin Lacy, P.E., State Traffic Engineer, NCDOT Transportation Mobility and Safety	2:35 pm
Division 10 Construction Projects Update	Scott Cole, P.E., Division Engineer, NCDOT Division 10	2:55 pm
Governor's Highway Safety Program	Mark Ezzell, Director, Governor's Highway Safety Program	3:15 pm
Other Discussion	Cullie Tarleton, Chair	3:35 pm
Adjourn	All	3:40 pm



NORTH CAROLINA

Department of Transportation

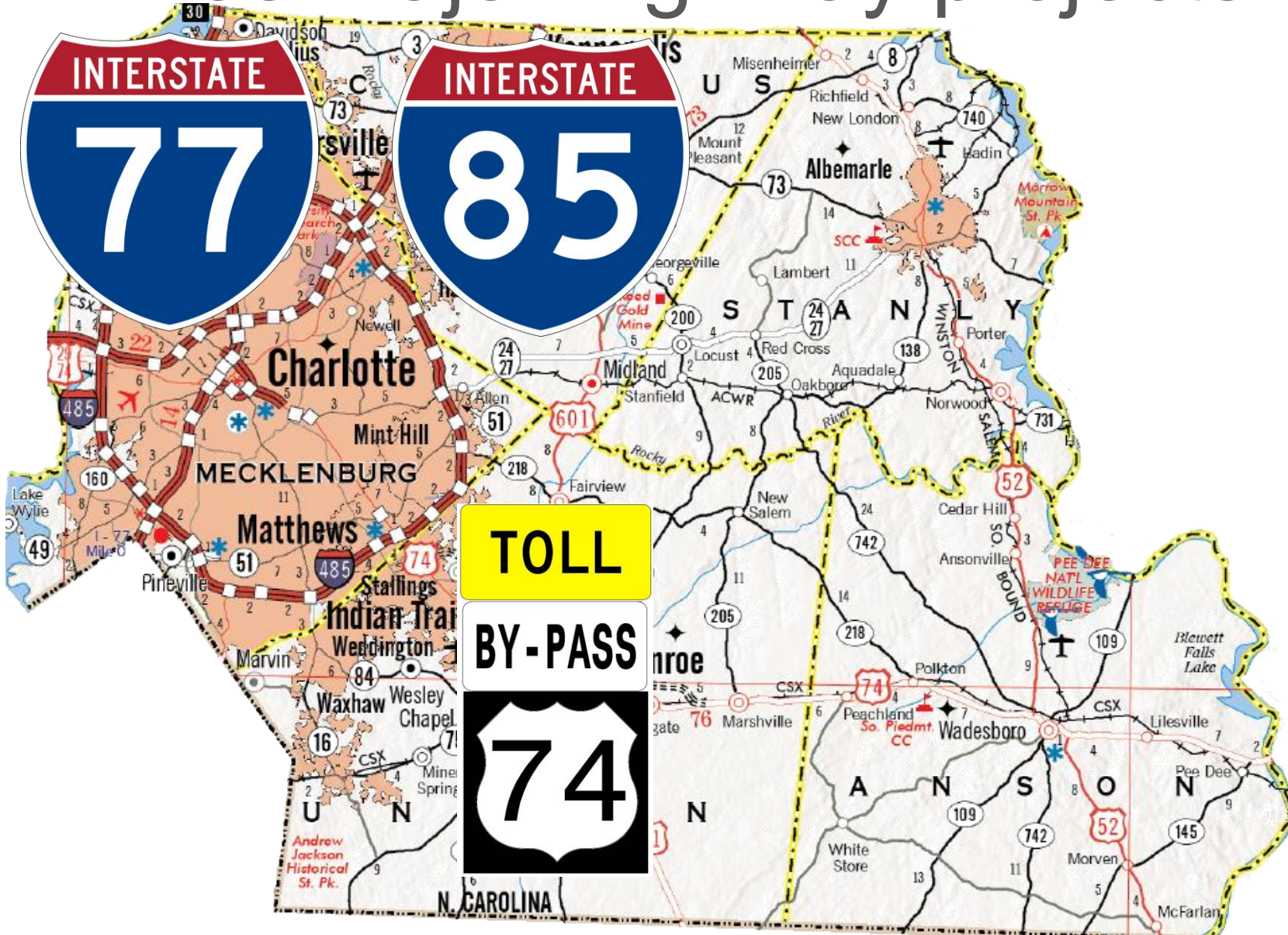


Division 10 Highway Construction Update

J. Scott Cole, PE
Division 10 Engineer

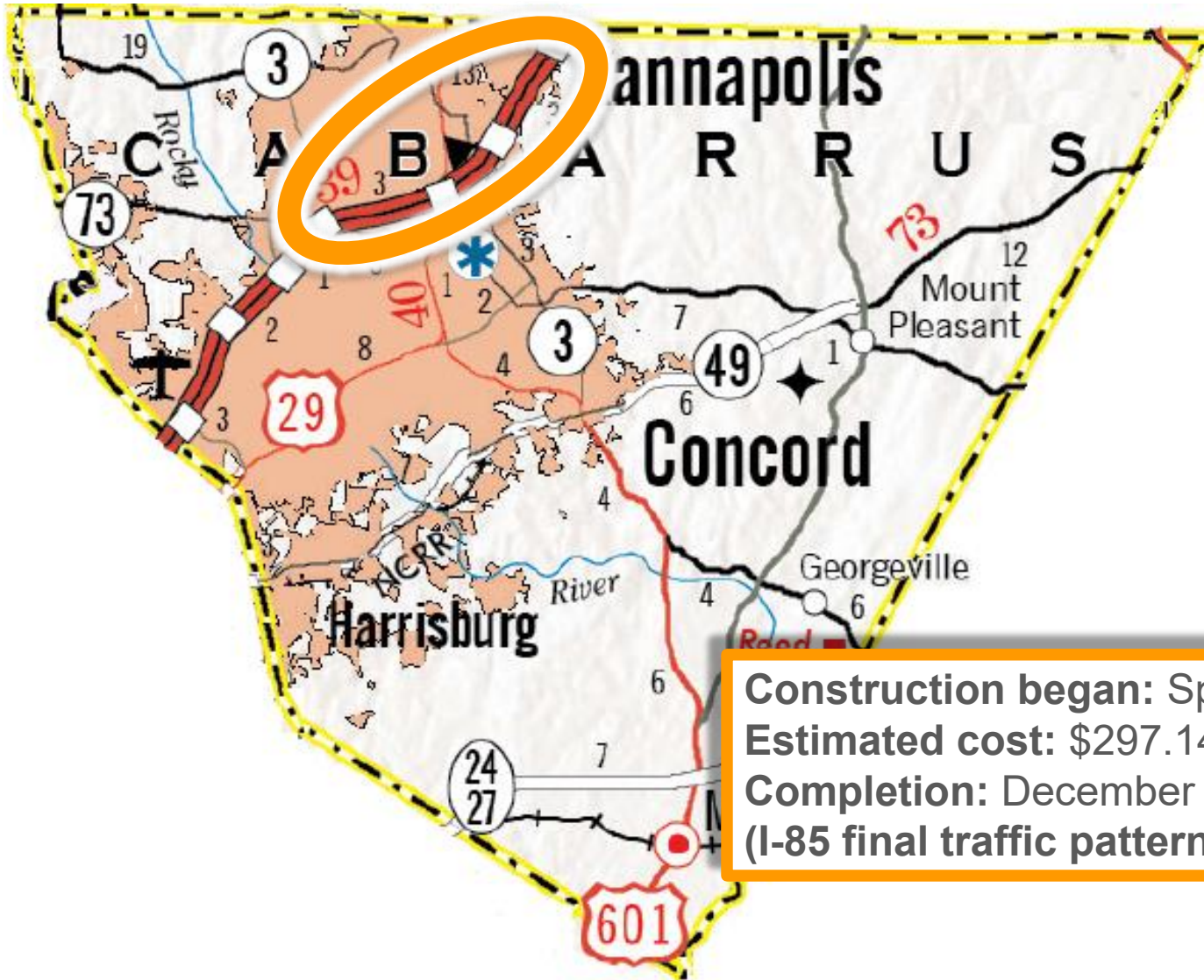
September 5, 2018

Three major highway projects





I-3802A

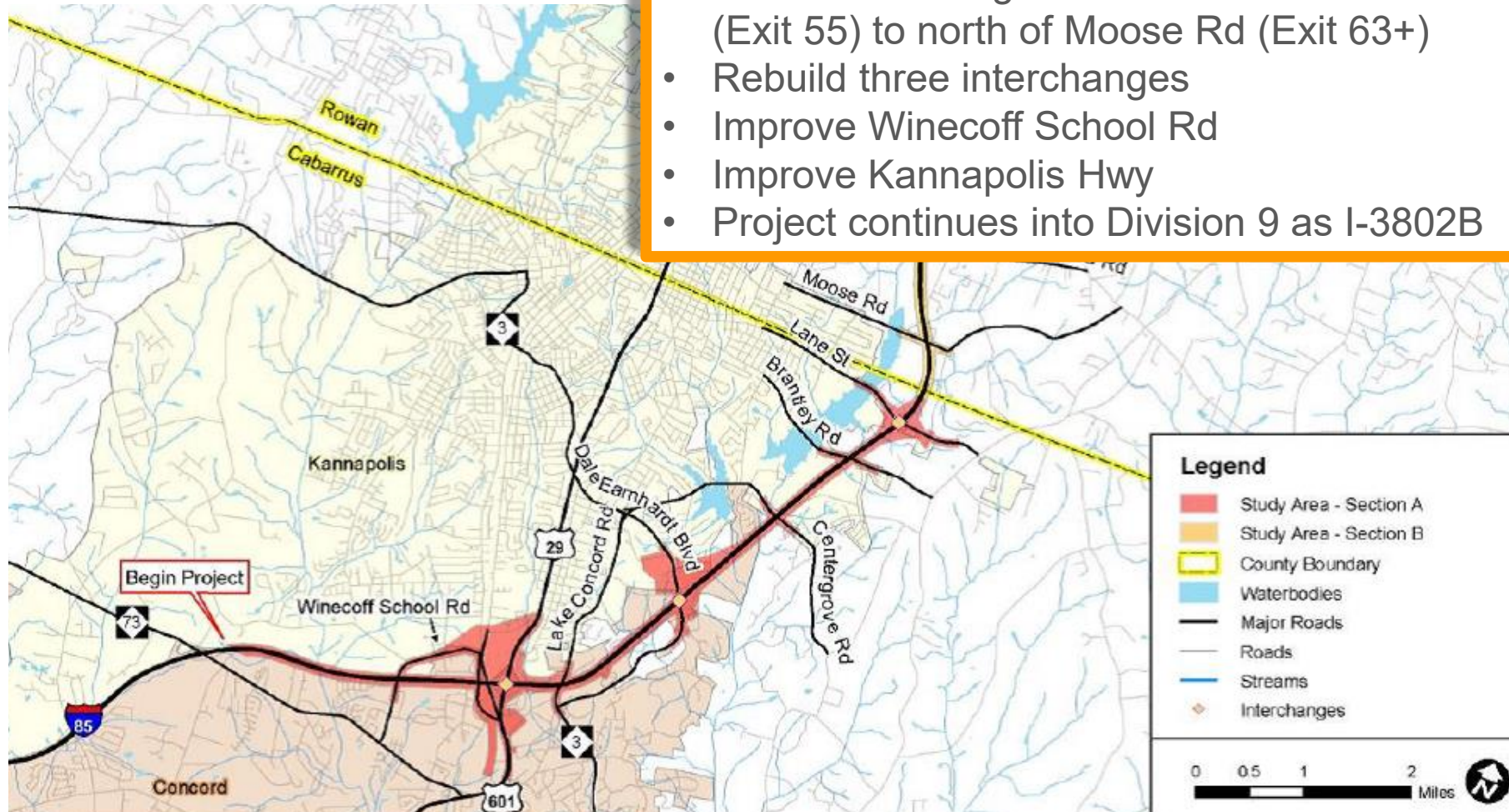


Construction began: Spring 2015
Estimated cost: \$297.14 million
Completion: December 2020
(I-85 final traffic pattern December 2018)

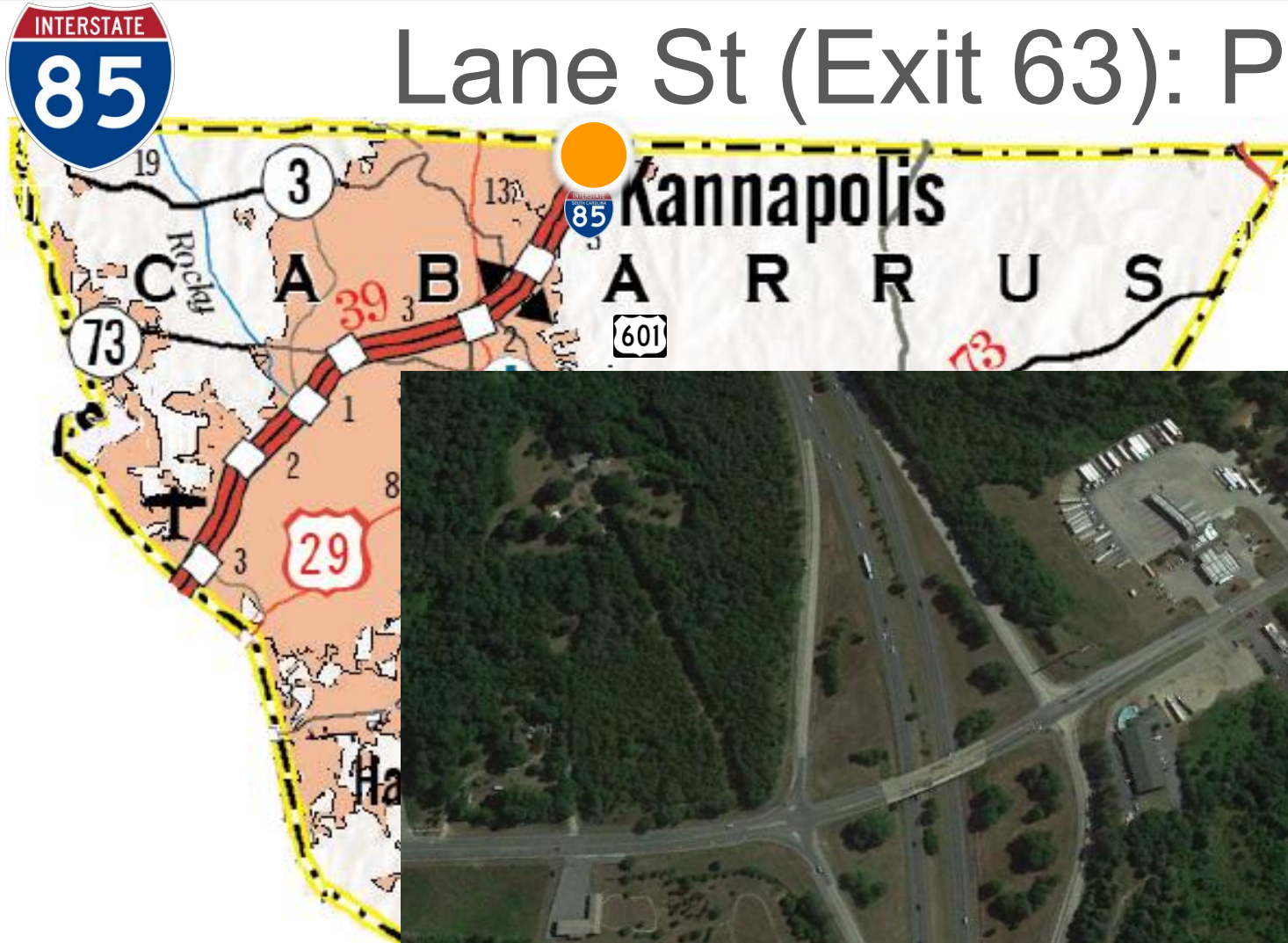


Project Highlights

- Design-Build contract
- Widen I-85 to eight lanes between NC 73 (Exit 55) to north of Moose Rd (Exit 63+)
- Rebuild three interchanges
- Improve Winecoff School Rd
- Improve Kannapolis Hwy
- Project continues into Division 9 as I-3802B

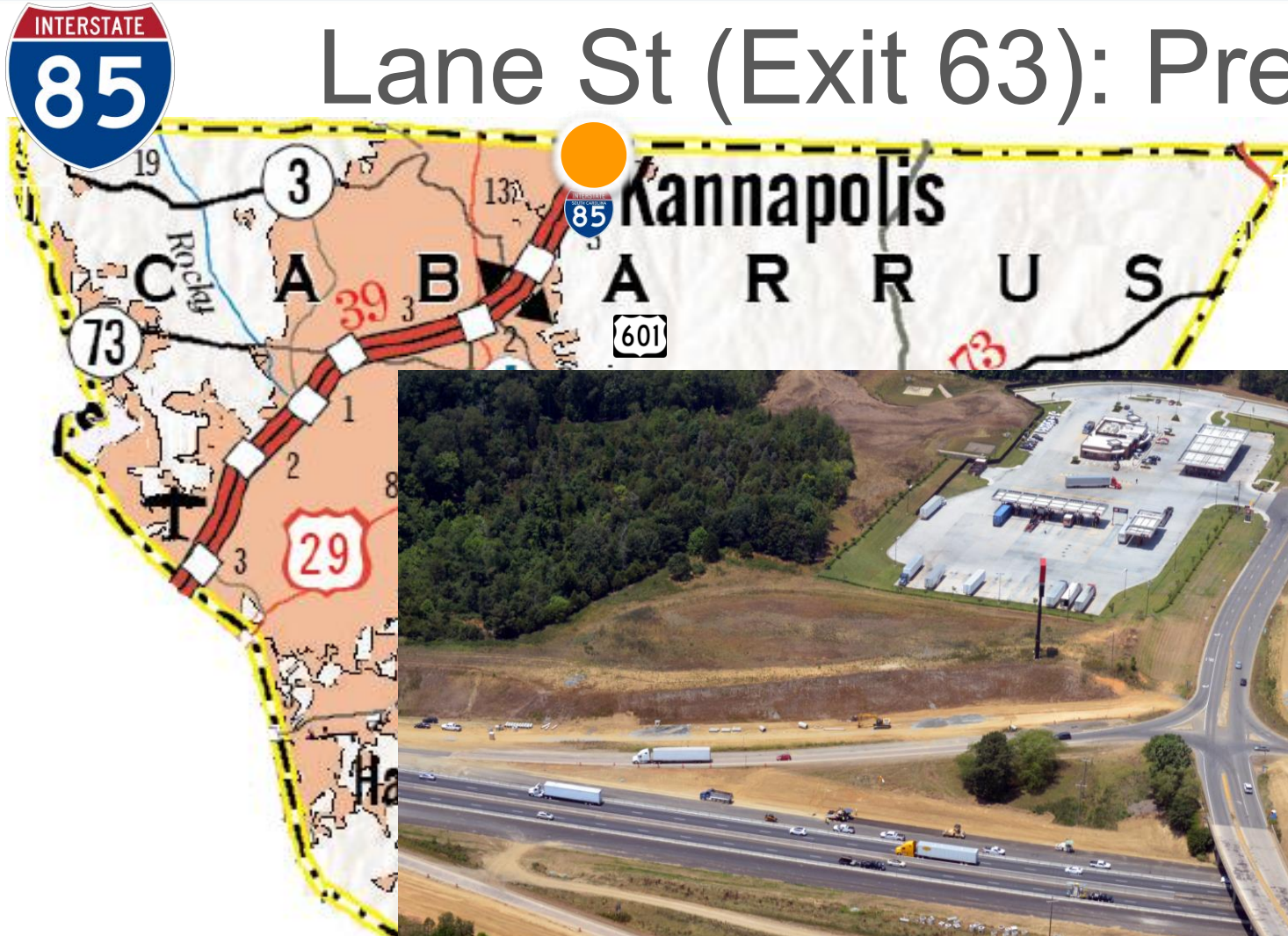


Lane St (Exit 63): Past

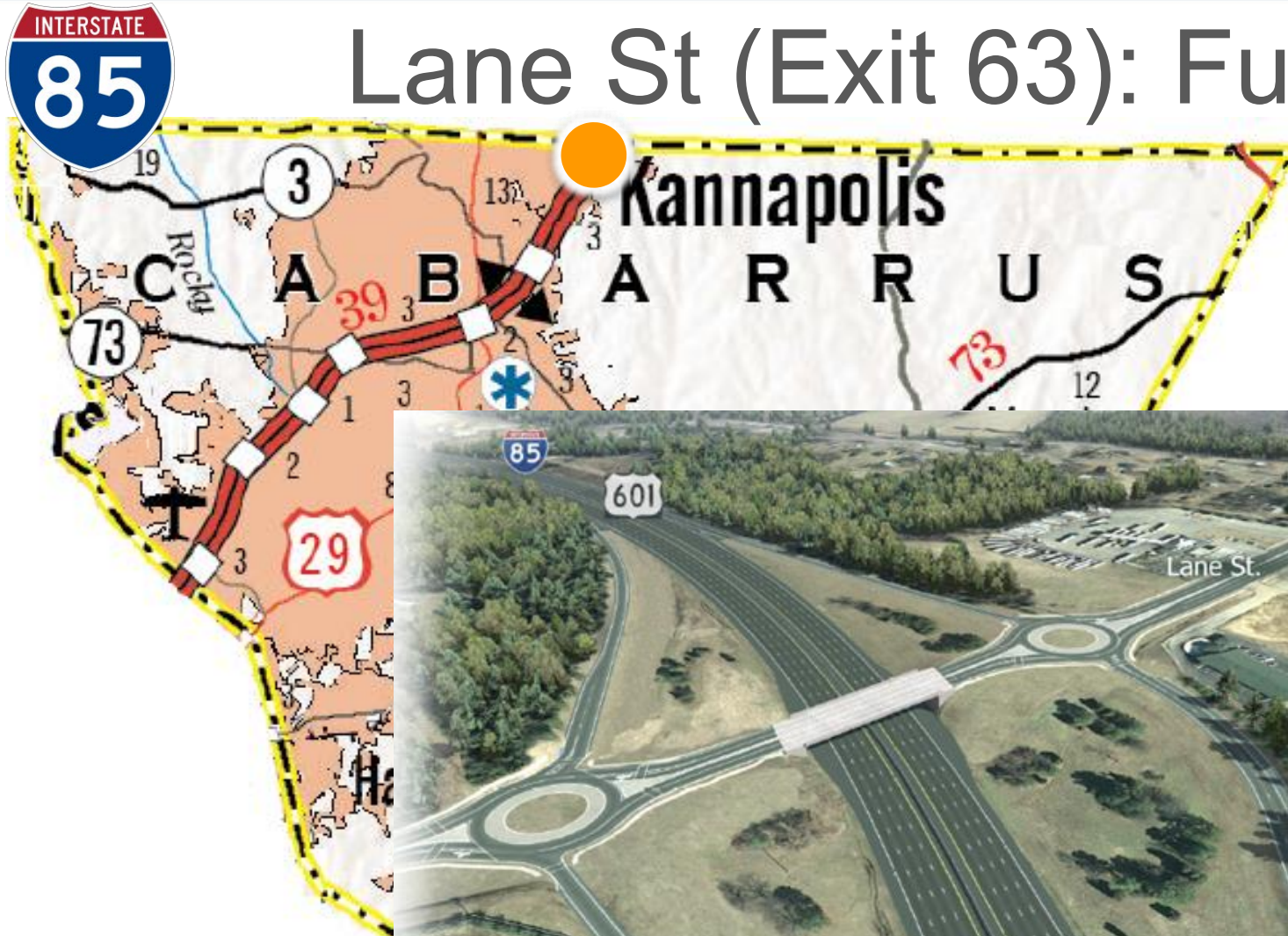


Source: Google Earth

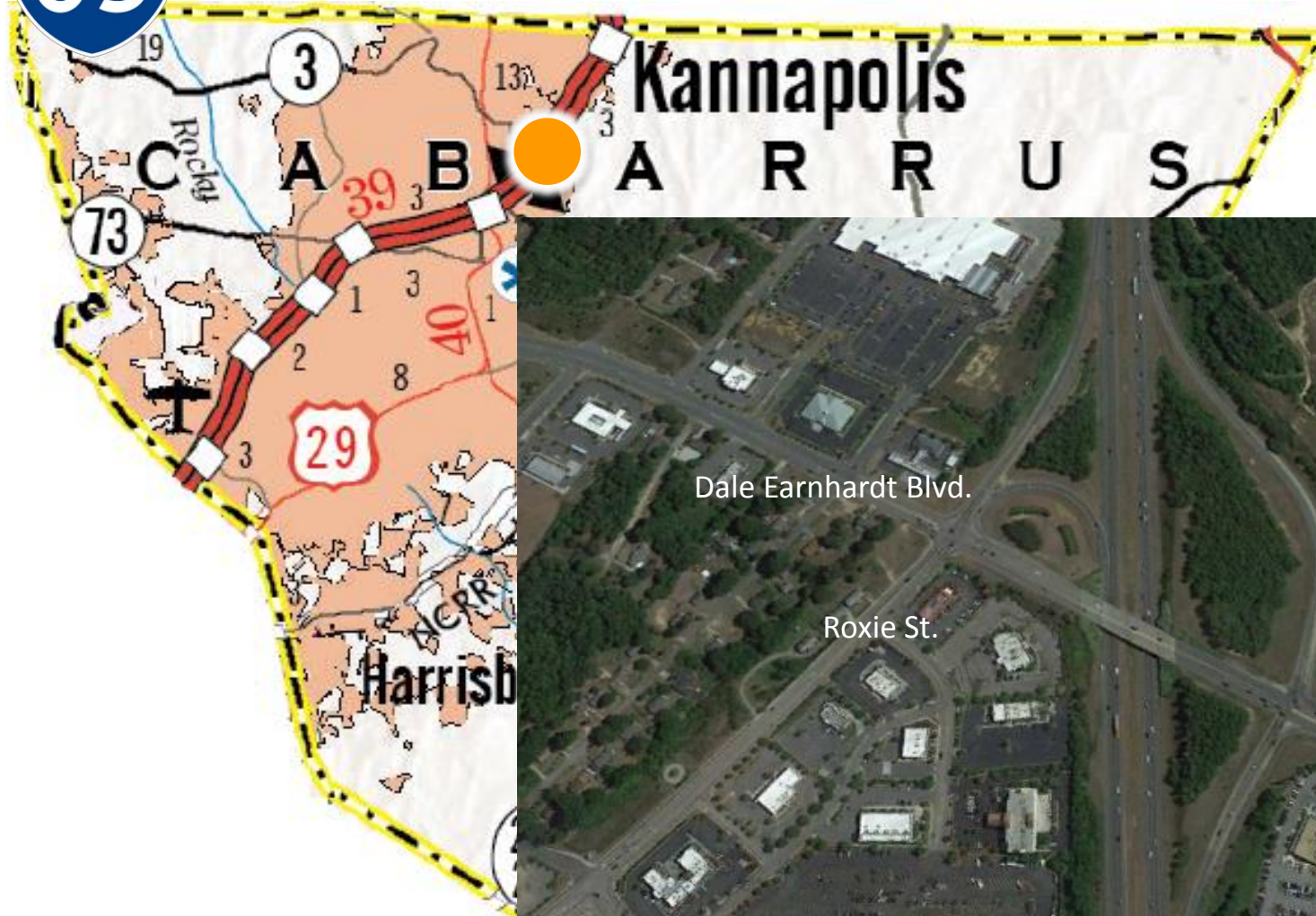
Lane St (Exit 63): Present



Lane St (Exit 63): Future



Dale Earnhardt Blvd (Exit 60): Past



Source: Google Earth





Dale Earnhardt Blvd (Exit 60): Present

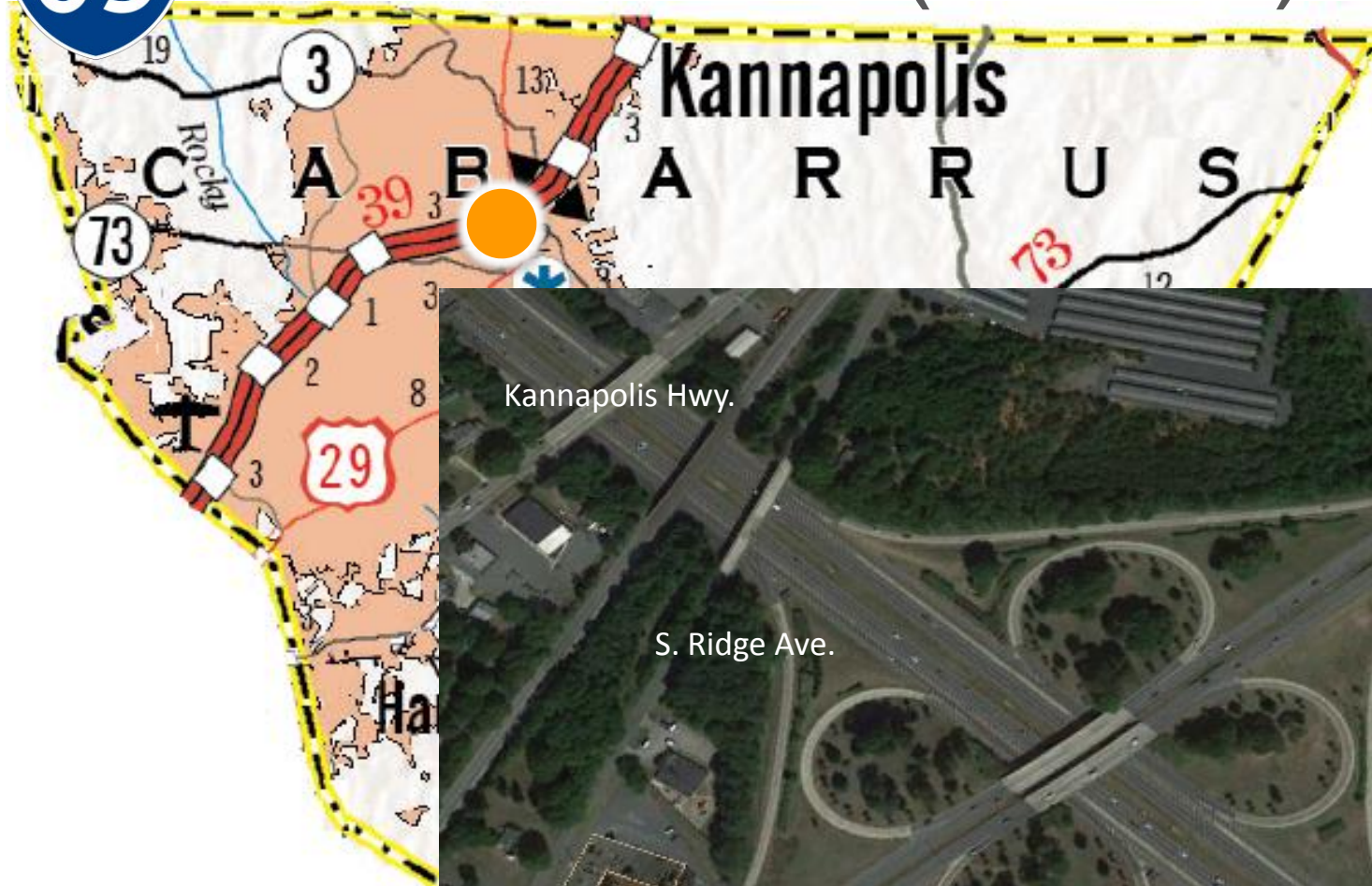




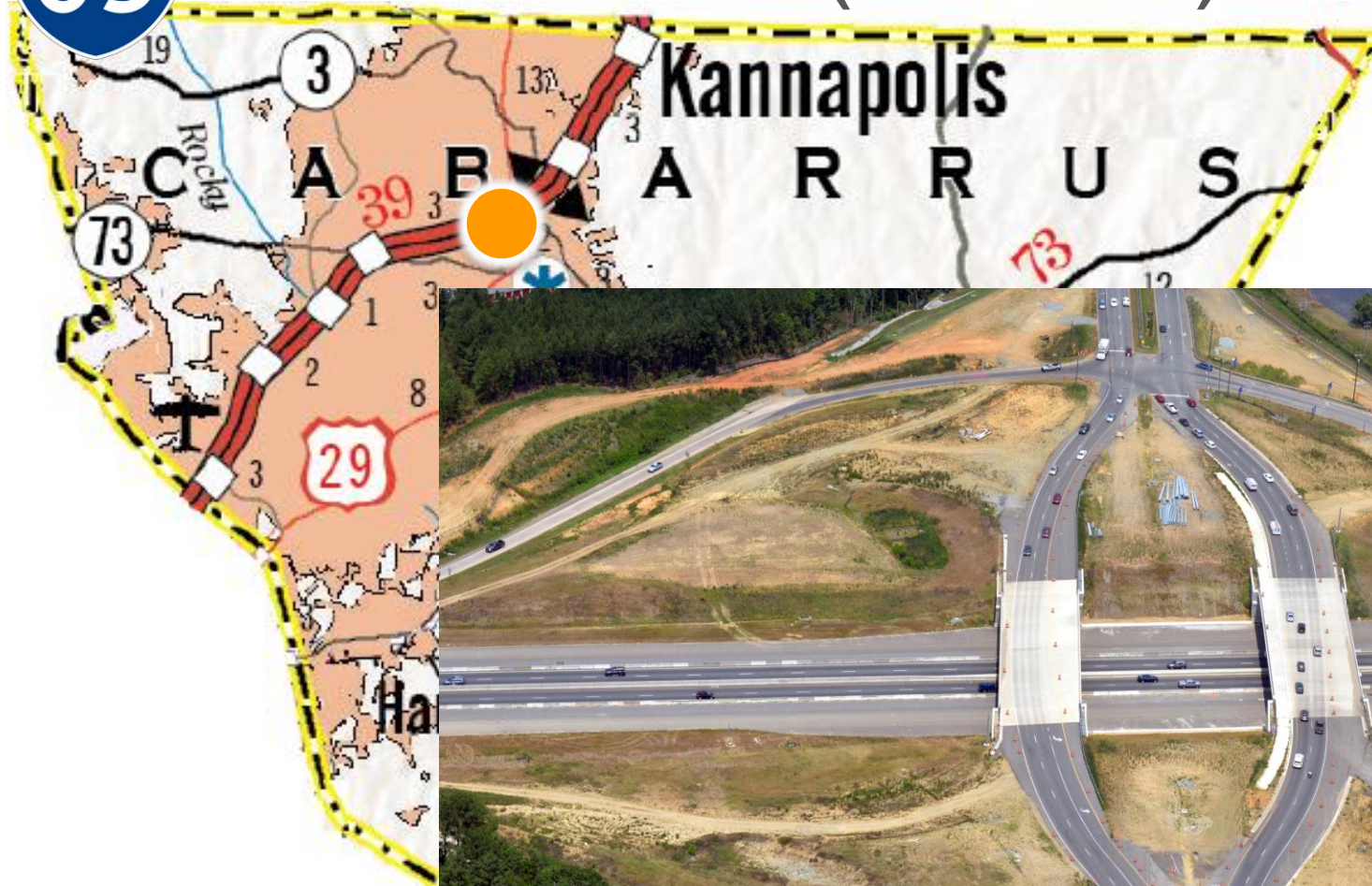
Dale Earnhardt Blvd (Exit 60): Future



US 29/601 (Exit 58): Past



US 29/601 (Exit 58): Present

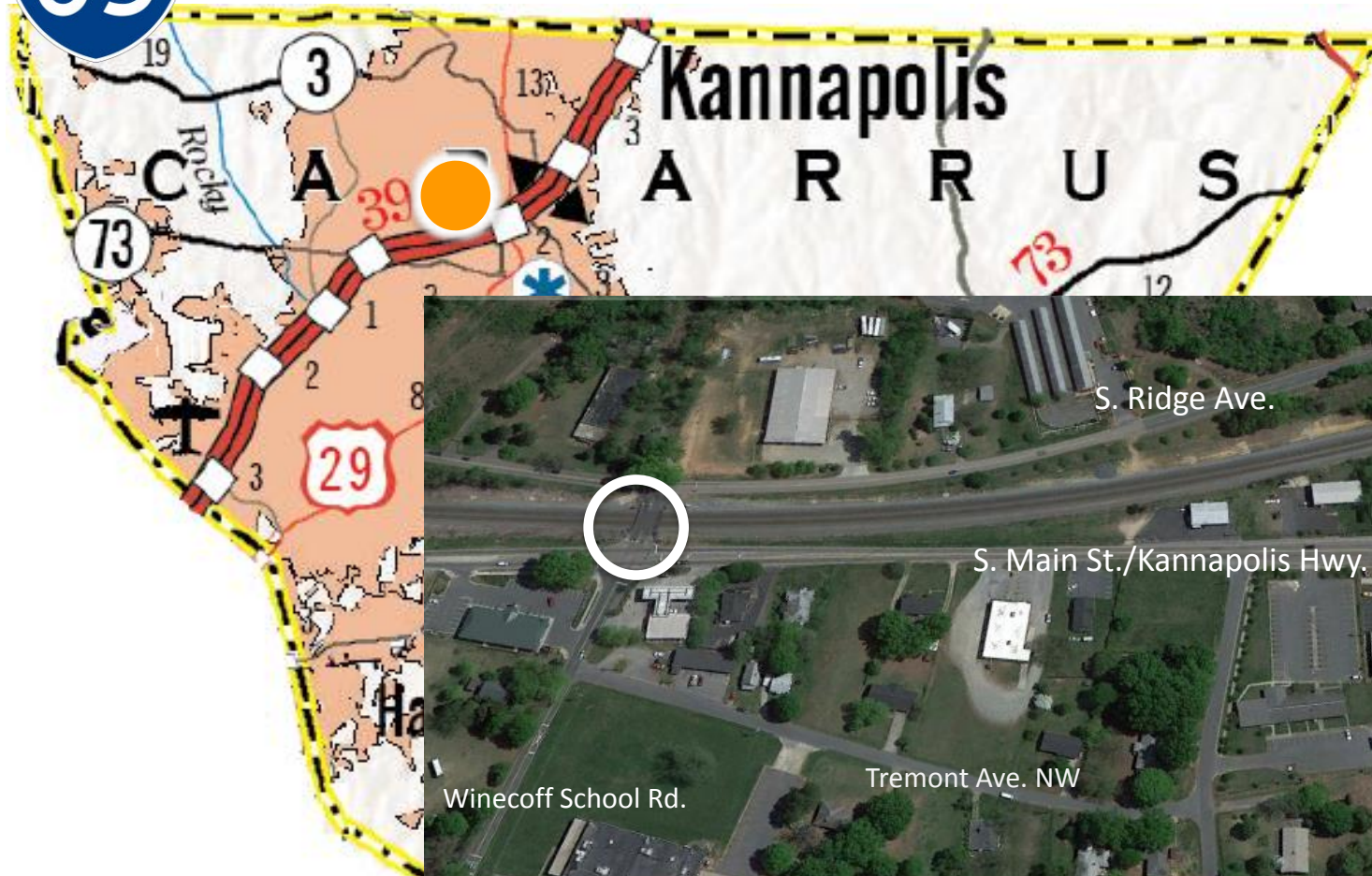


US 29/601 (Exit 58): Future





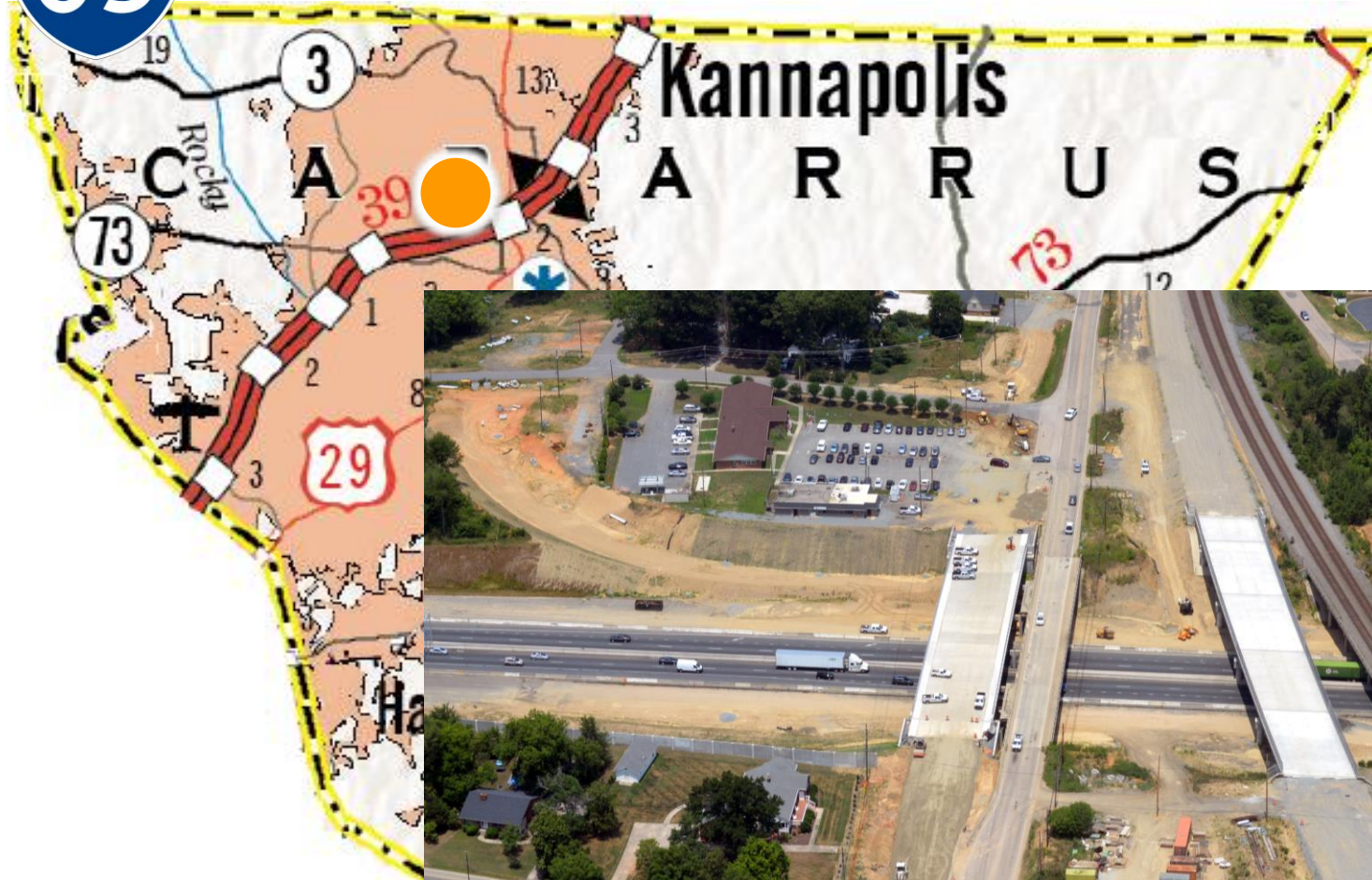
Winecoff School Rd/S Main St: Past



Source: Google Earth



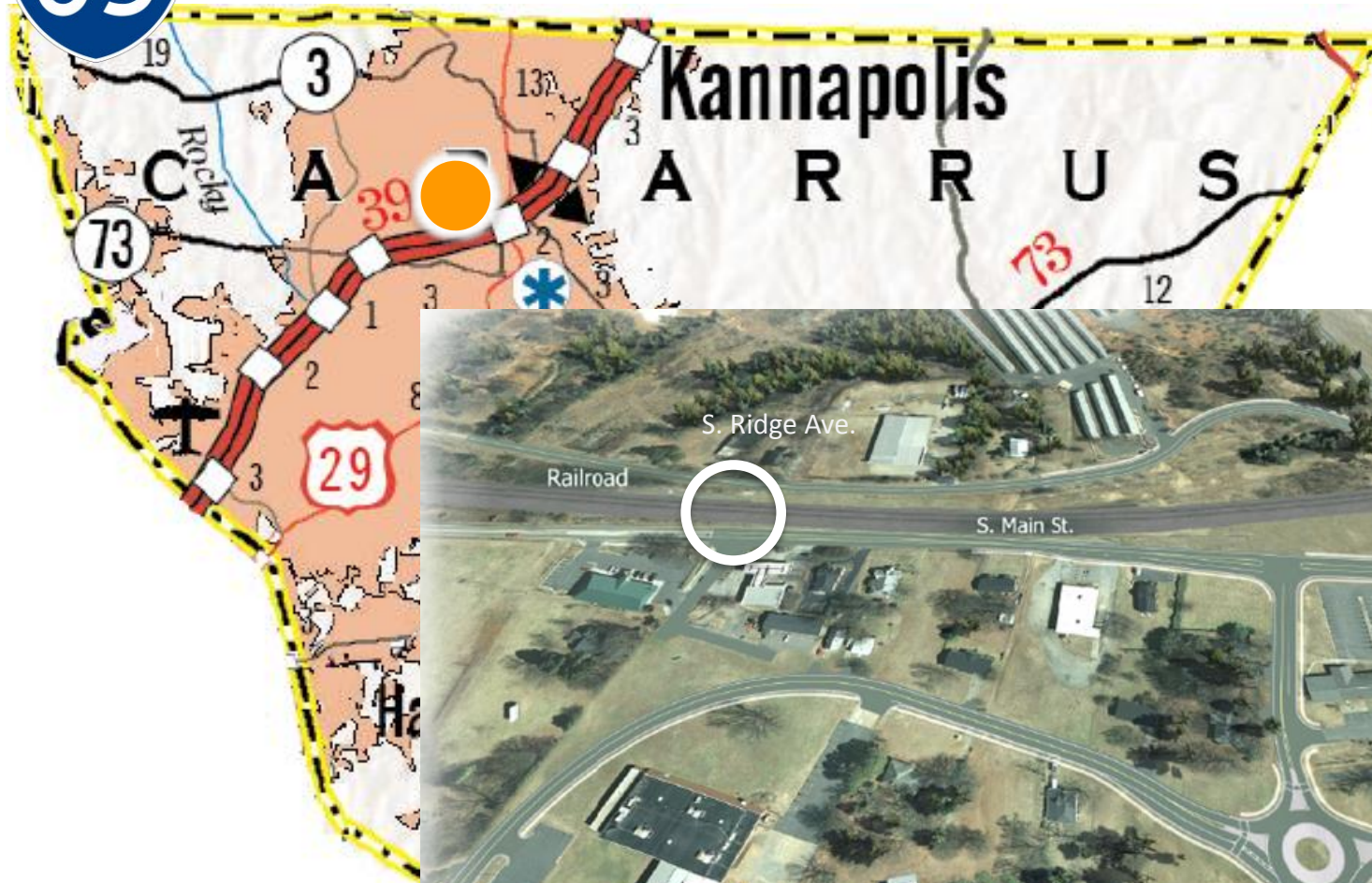
Winecoff School Rd/S Main St: Present



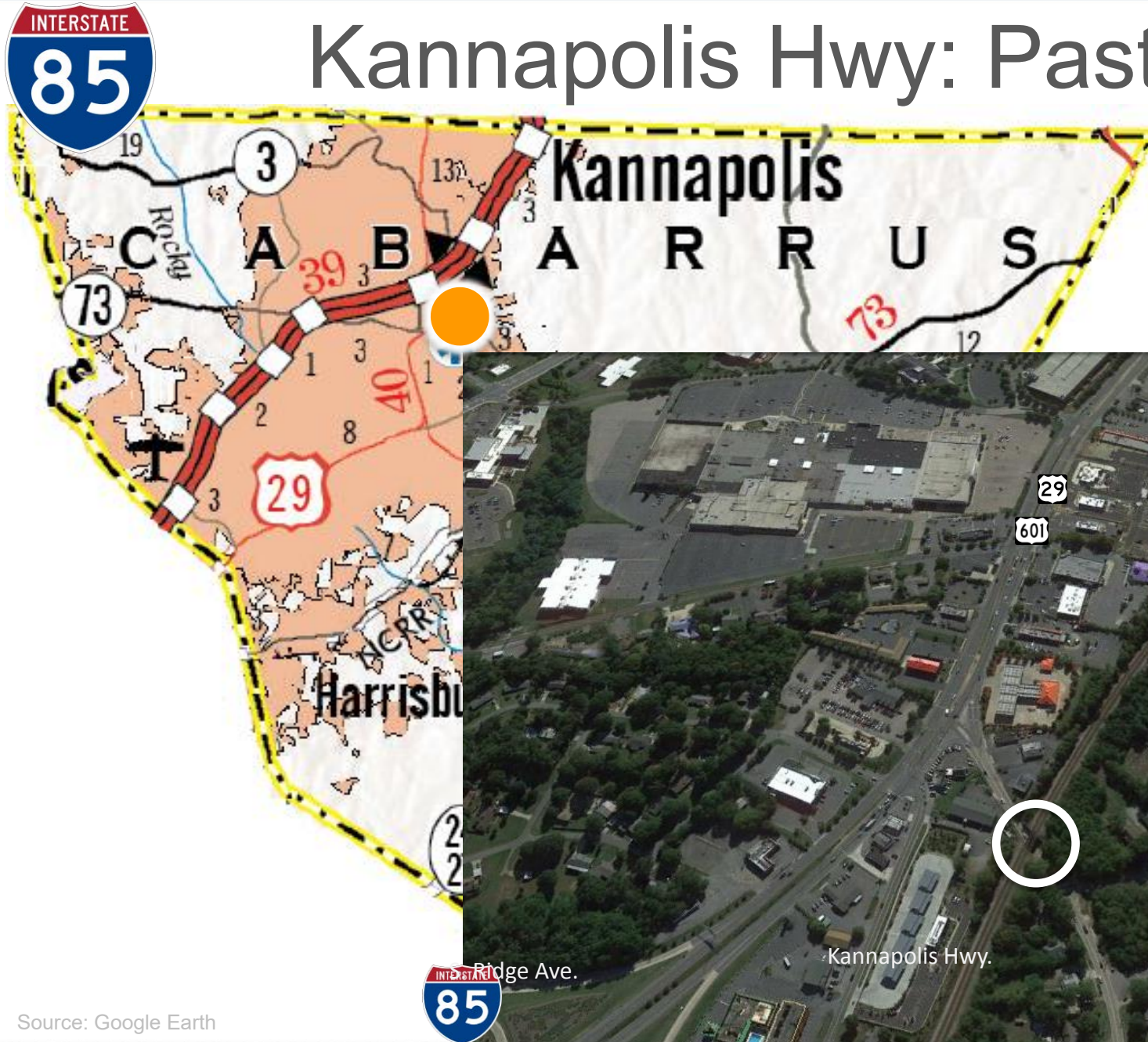
Source: Blythe



Winecoff School Rd/S Main St: Future



Kannapolis Hwy: Past



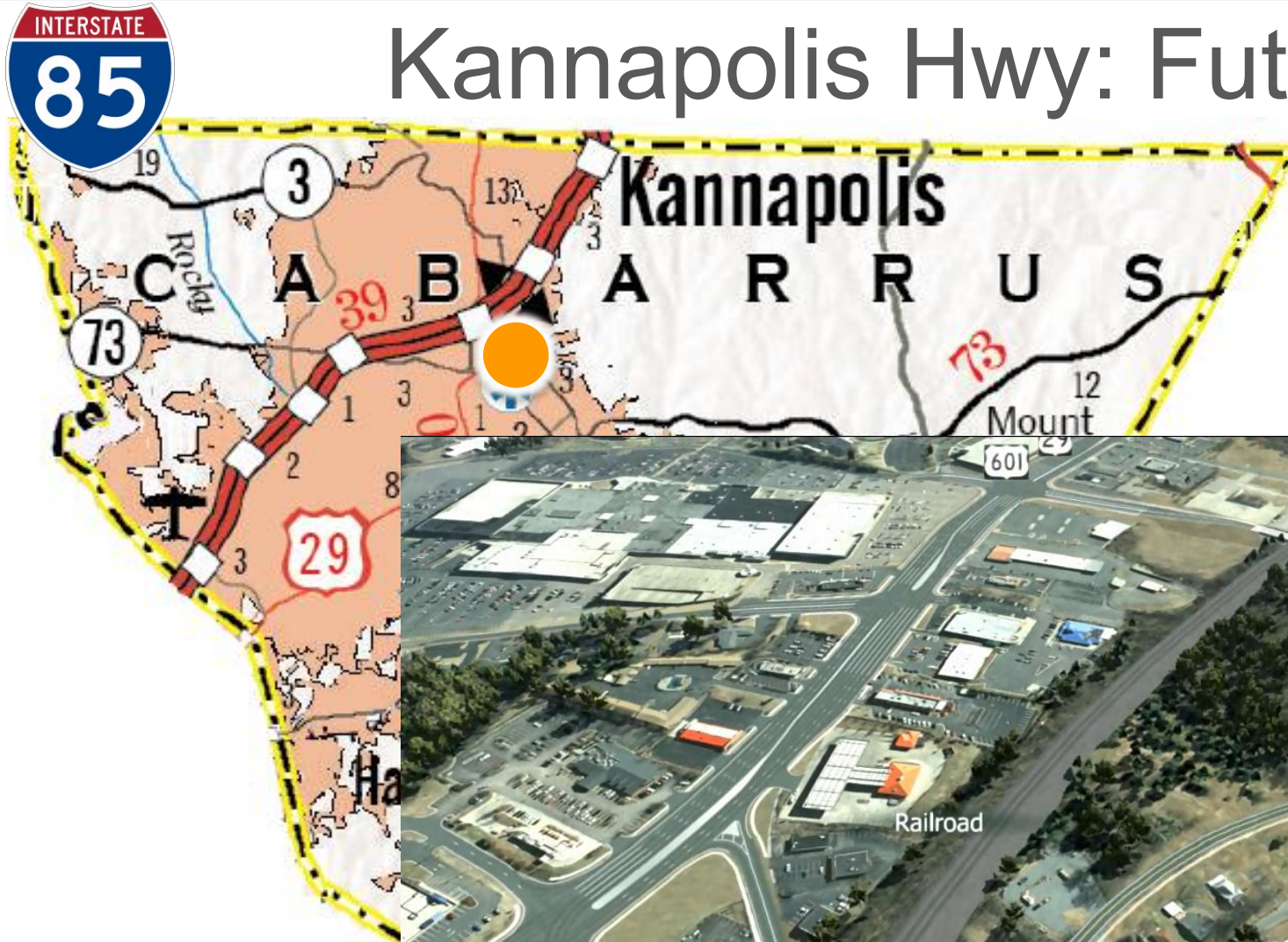
Source: Google Earth





Source: Google Earth

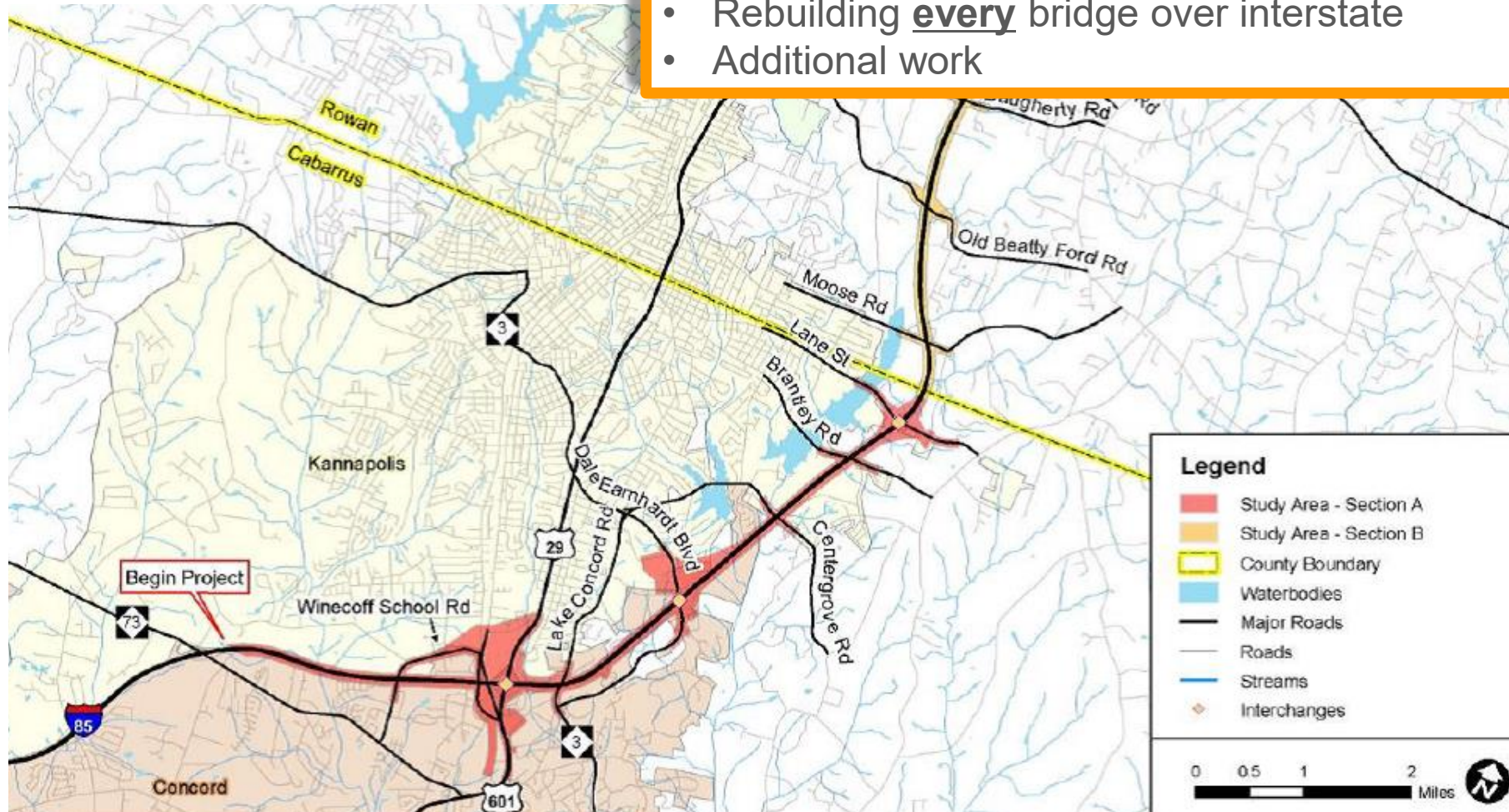
Kannapolis Hwy: Future

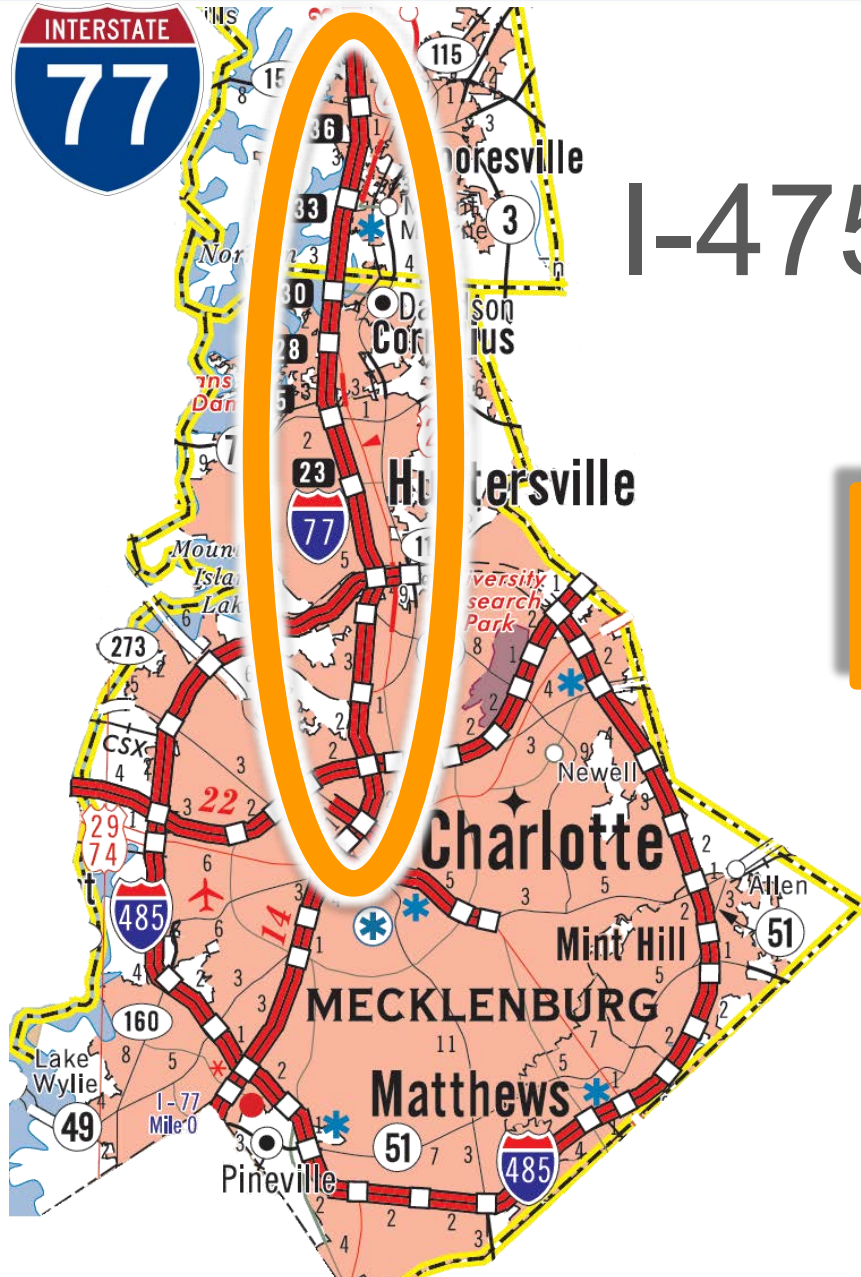




Project Challenges

- Utility conflicts
- Rebuilding **every** bridge over interstate
- Additional work





I-3311C / I-4750AA / I-5405

Construction began: November 2015
Estimated cost: \$647 million*
Substantial completion: Late 2018

*Estimated cost does not include additions to the project made by the MPO with bonus allocation funds.



Project Highlights

- Public-private partnership
- 26 Mile Project
- Construct four express lanes from uptown Charlotte (Exit 11) to Cornelius (Exit 28) and two express lanes from Cornelius (Exit 28) to Mooresville (Exit 36)
- Construct four direct connectors (Hambright Rd, I-85, Lakeview Rd, I-277)



Express Lanes: Separate lanes in an existing highway corridor in which drivers can choose to pay a variable toll for a more reliable trip



Also called HOT Lanes, Managed Lanes or Toll Lanes

North Section (~8 miles)



Proposed



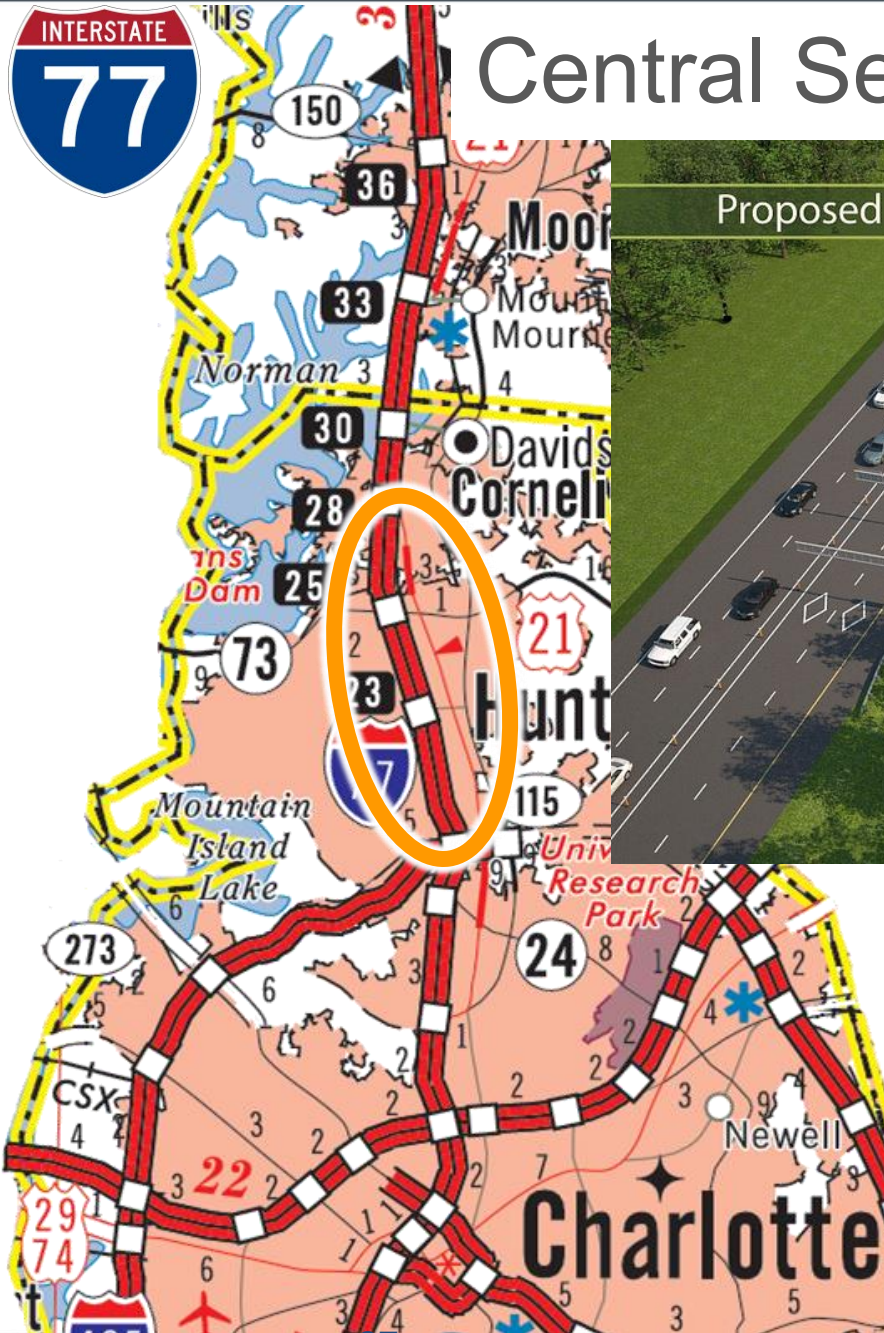
North Section
Lake Norman Causeway

Access Points

- Northern terminus
- Between US 21 and Langtree
- Between Griffith St and Catawba Ave



Central Section to I-485 (~8 miles)



Access Points

- Between Catawba Ave and Sam Furr Rd
- Between Sam Furr Rd and Gilead Rd
- At Hambright Rd

Central Section to I-85 (~7 miles)



Access Points

- At Lakeview Rd
- Between Sunset Rd and I-85
- Entry from I-85S/Exit to I-85N

South Section to I-77/I-277 (~3 miles)

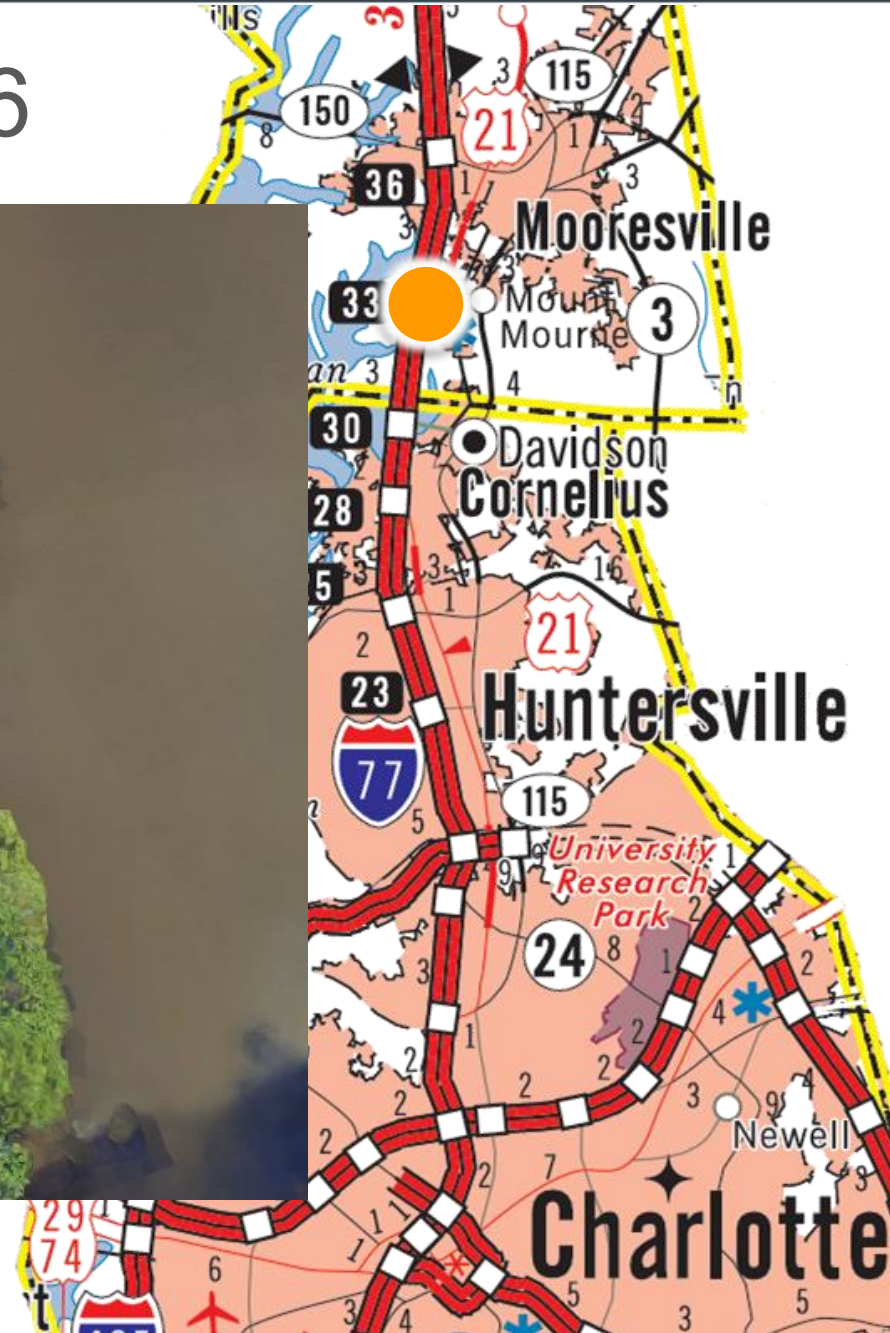


Access Points

- Southern Terminus on I-77
- Southern Terminus to I-277



Mooreville 2016



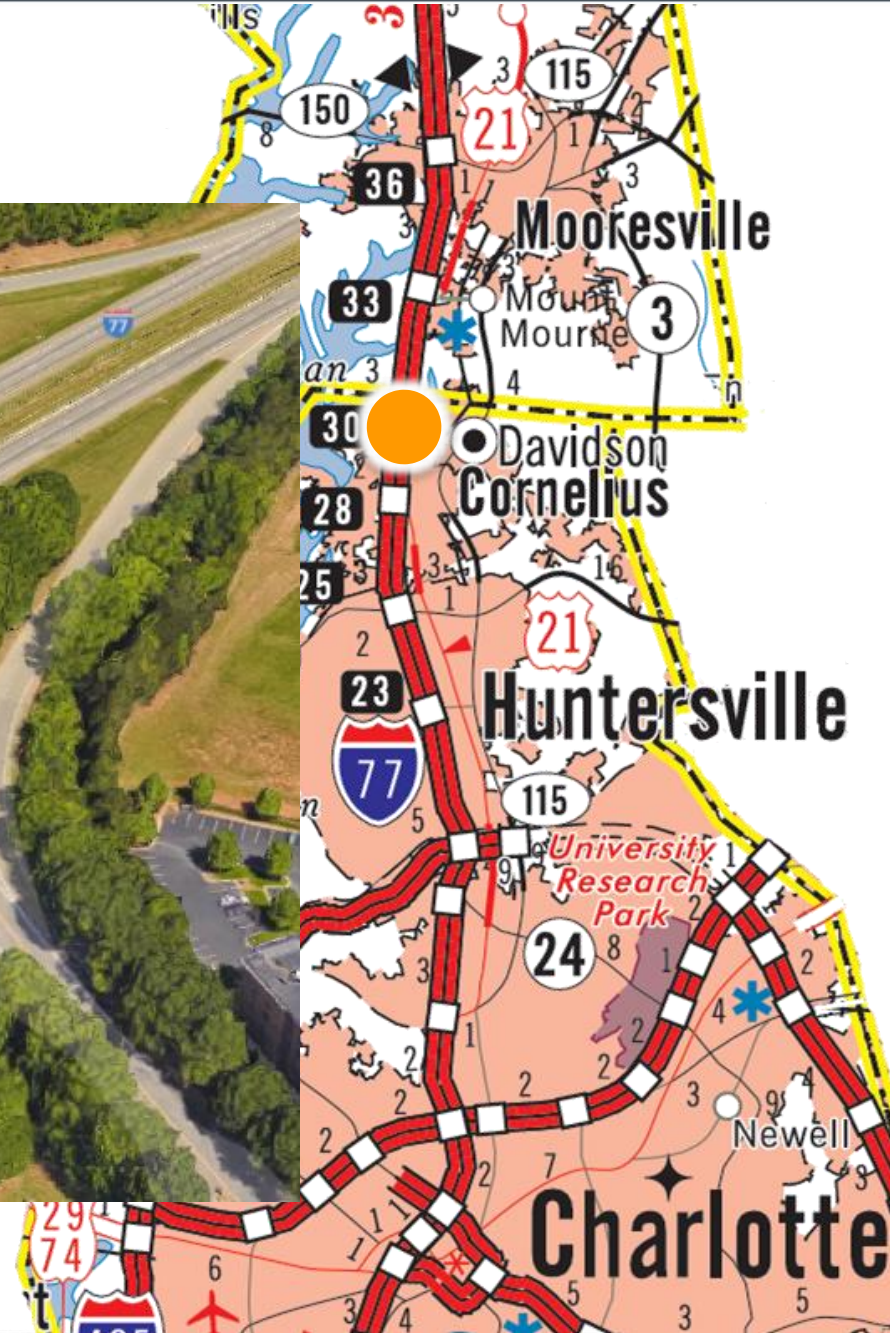


Mooreville 2018





Davidson 2016





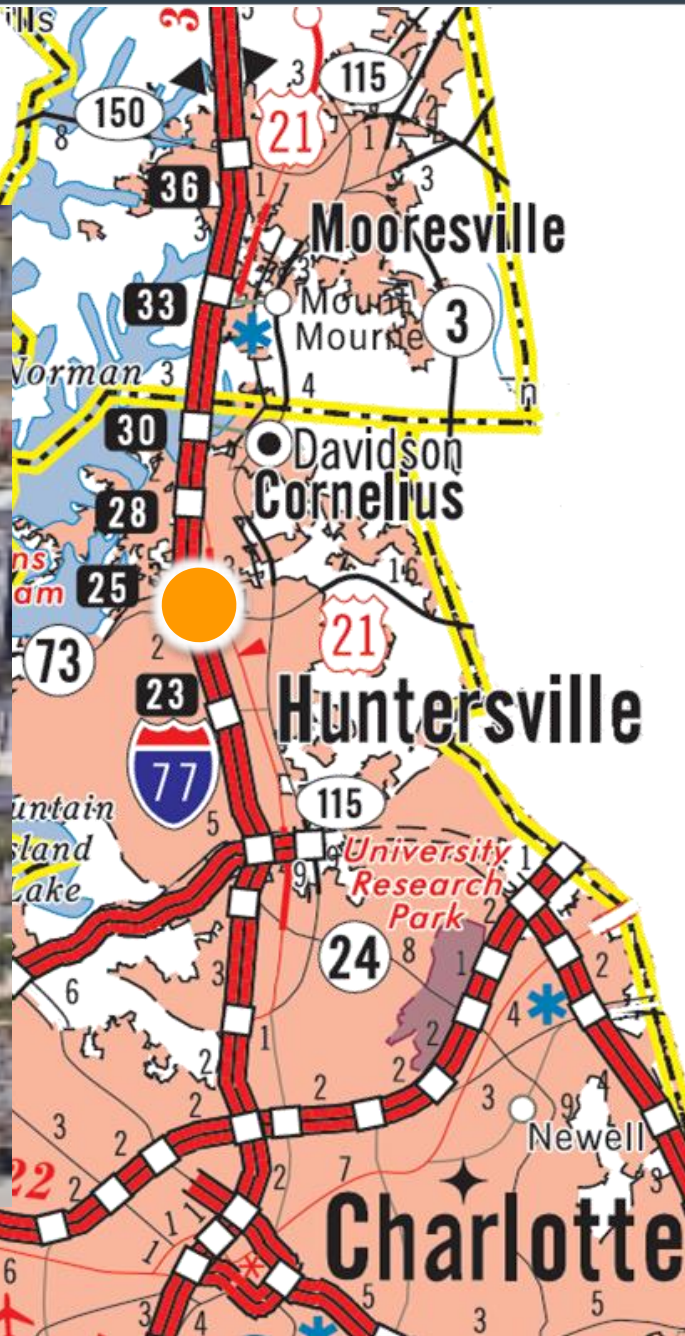
Davidson 2018



Source: I-77 Mobility Partners



Huntersville 2016



Source: Google Earth

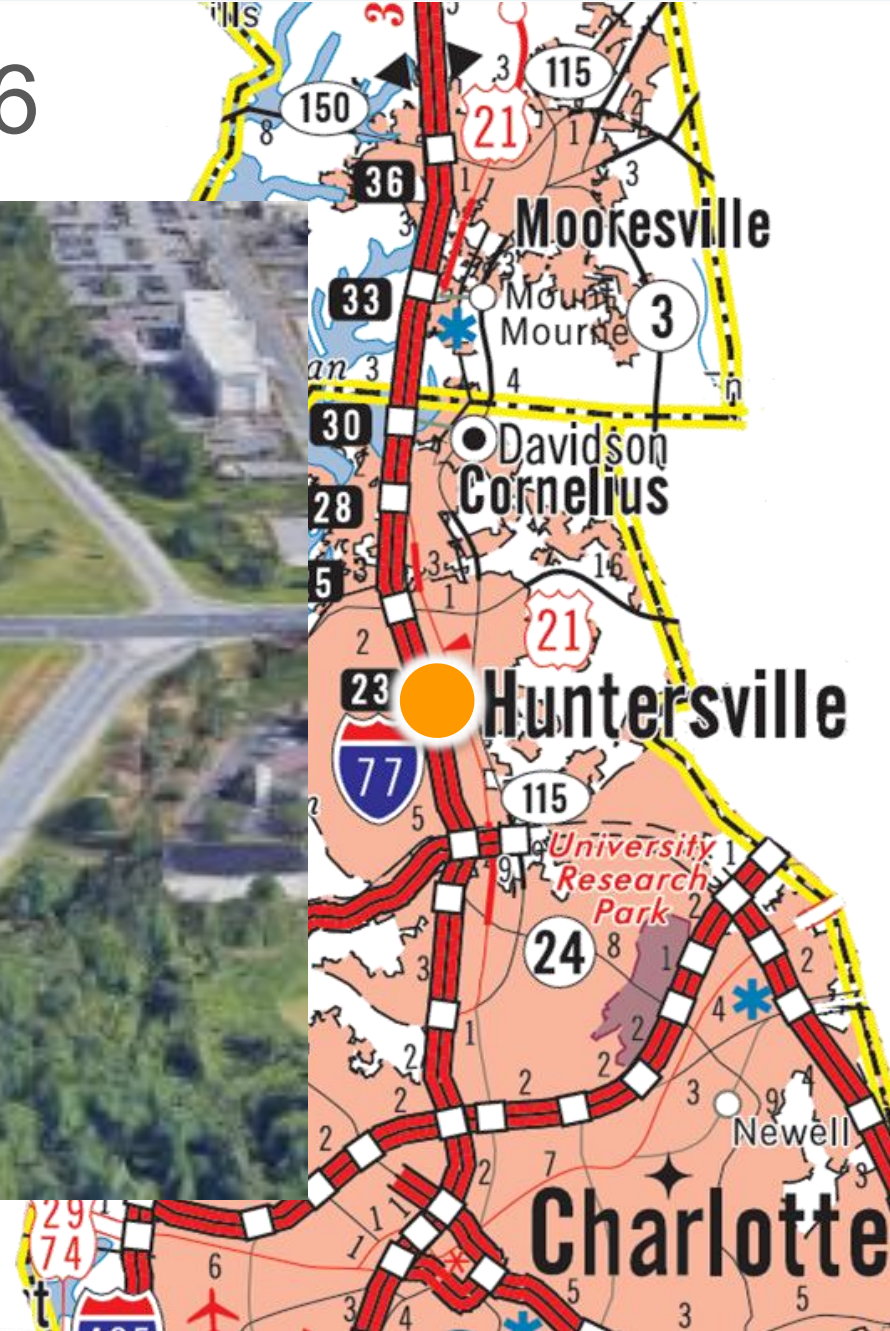


Huntersville 2018





Huntersville 2016



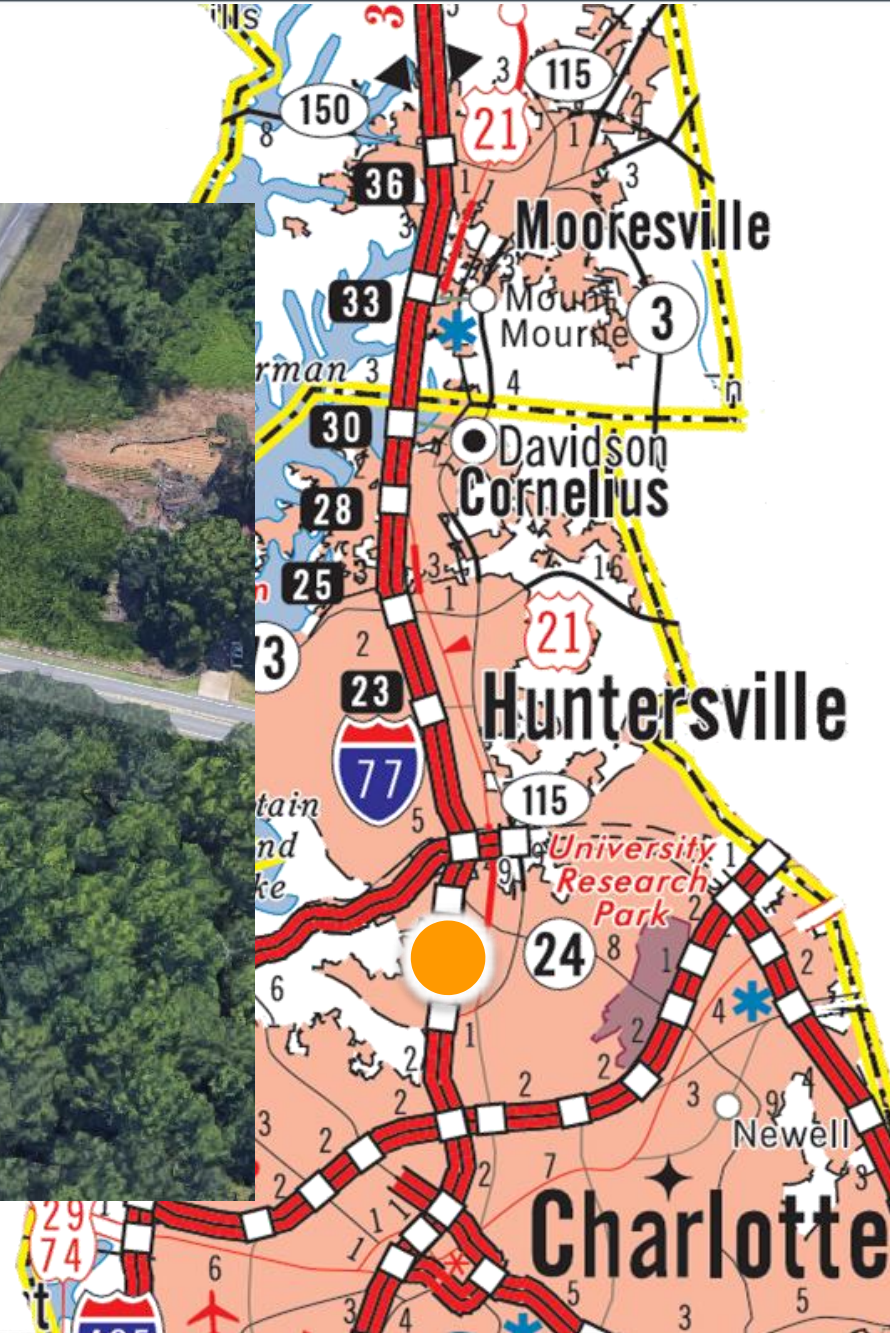


Huntersville 2018



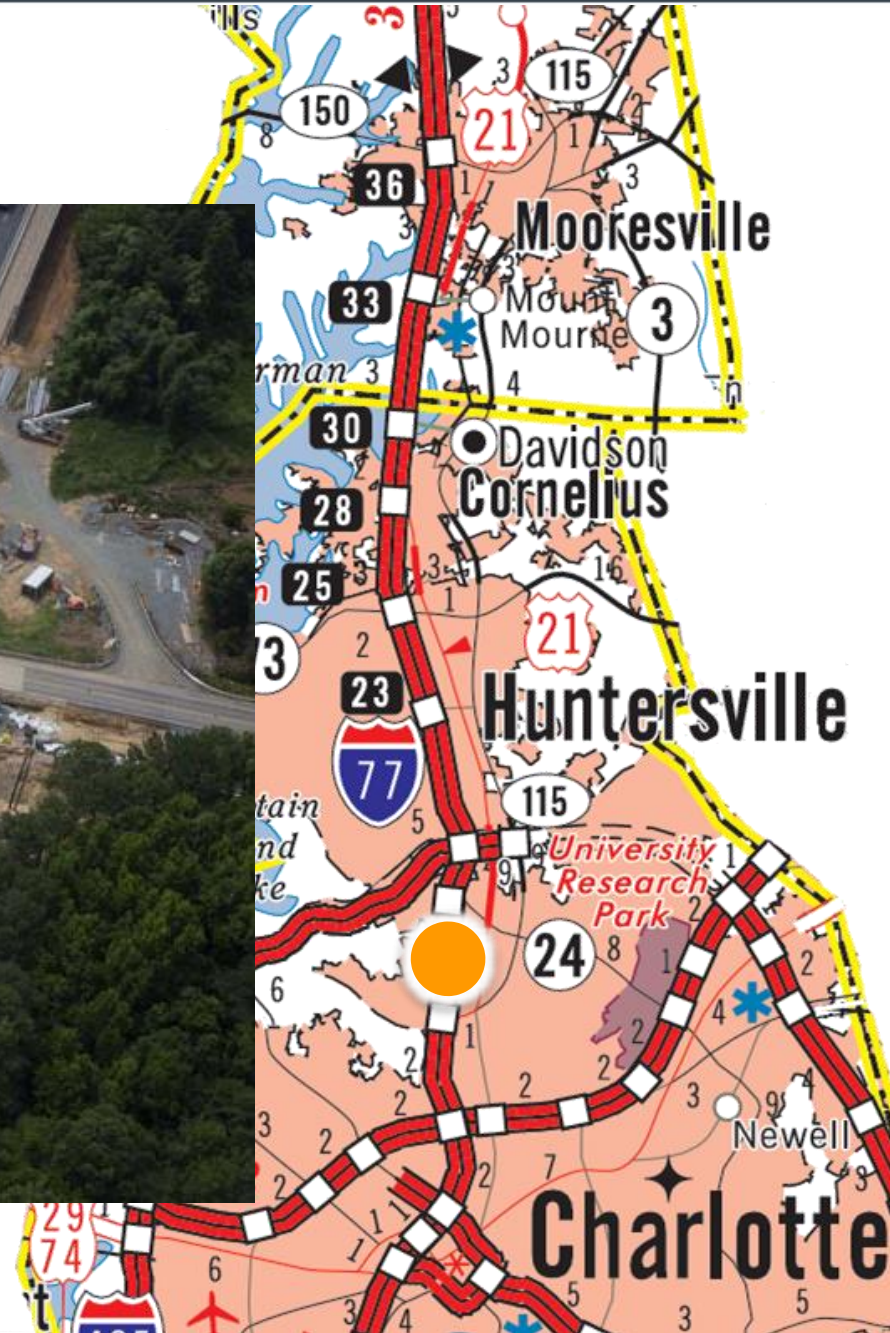


Lakeview 2016





Lakeview 2018





I-85 2016





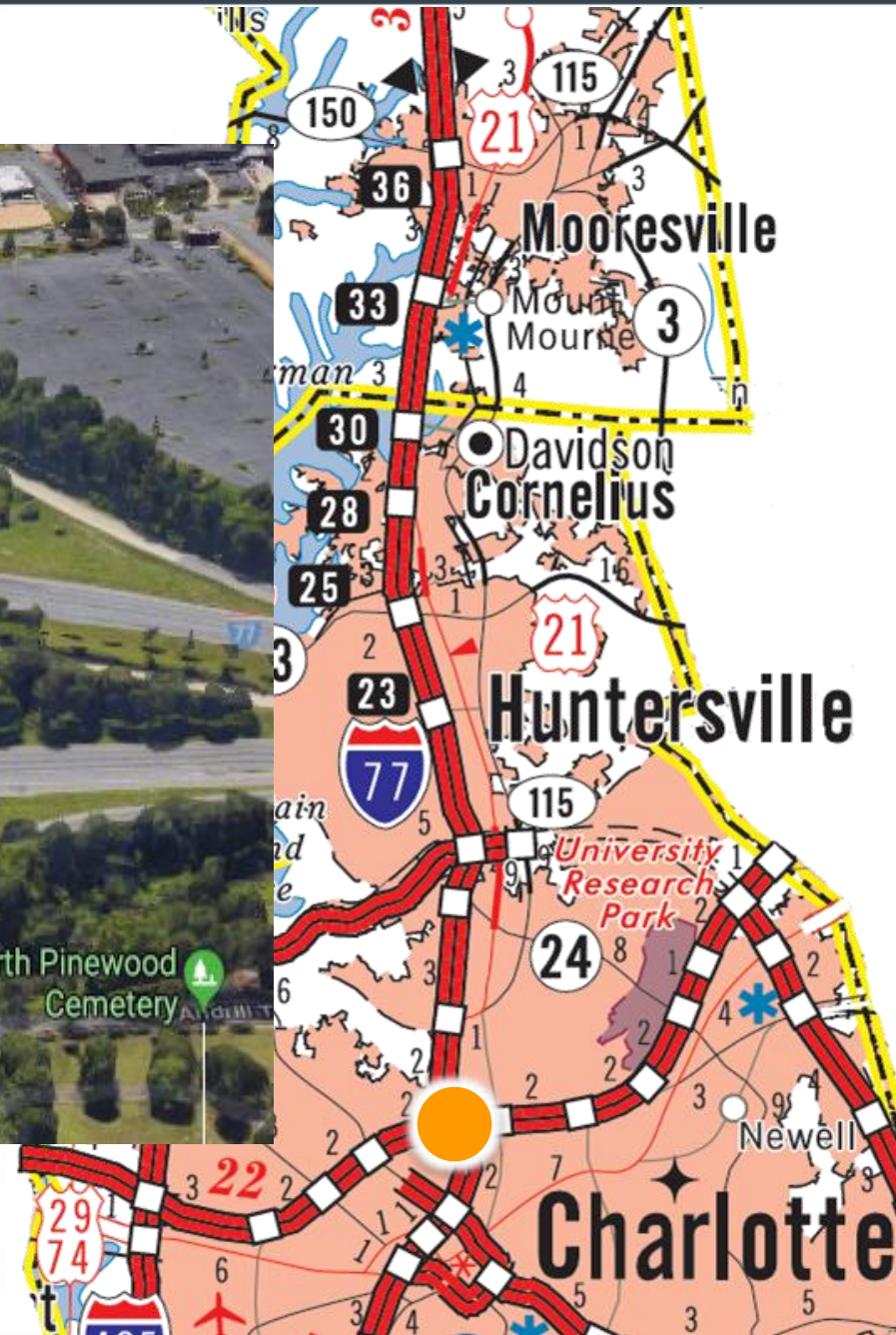
I-85 2018



I-277 2016



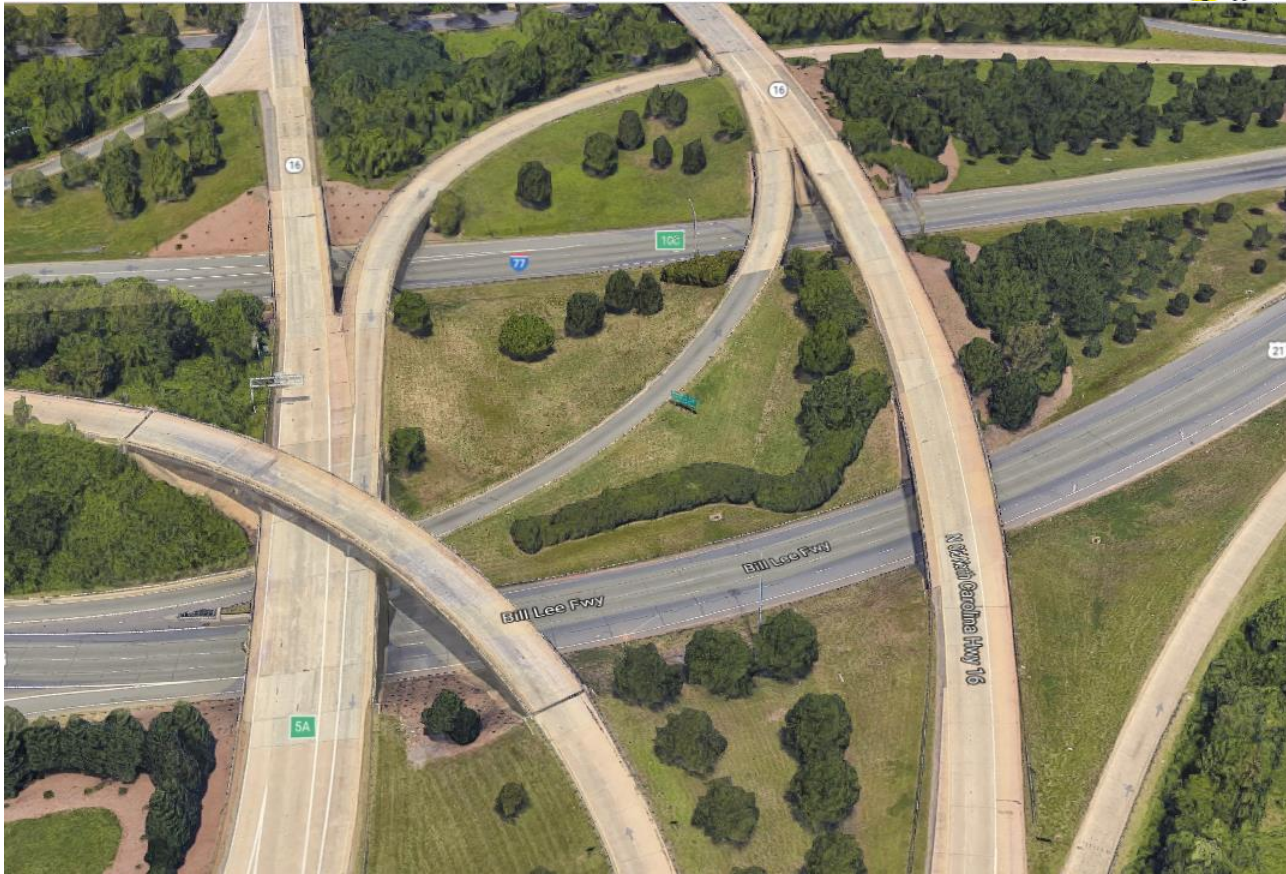
North Pinewood Cemetery



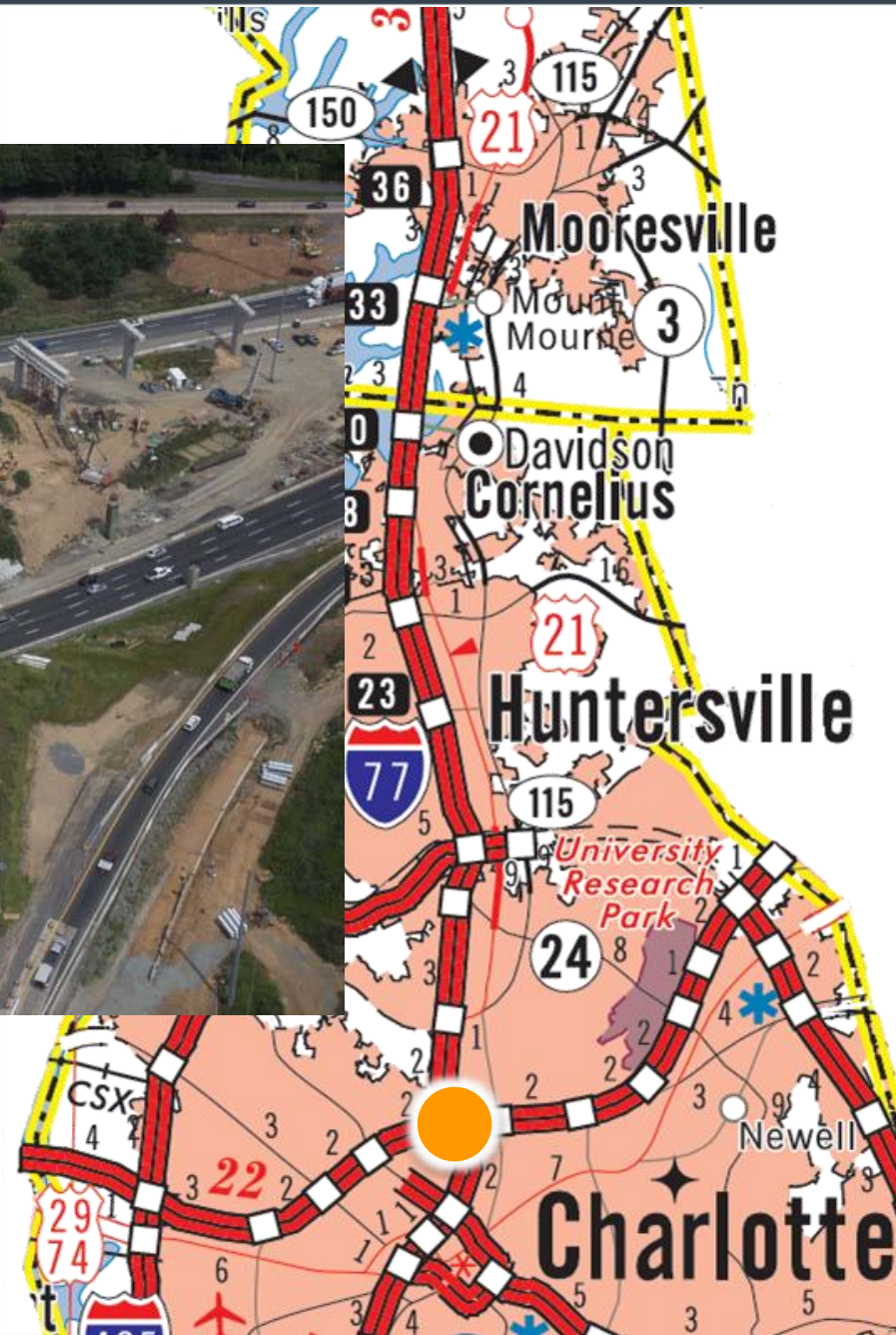
I-277 2018



I-277 2016



I-277 2018

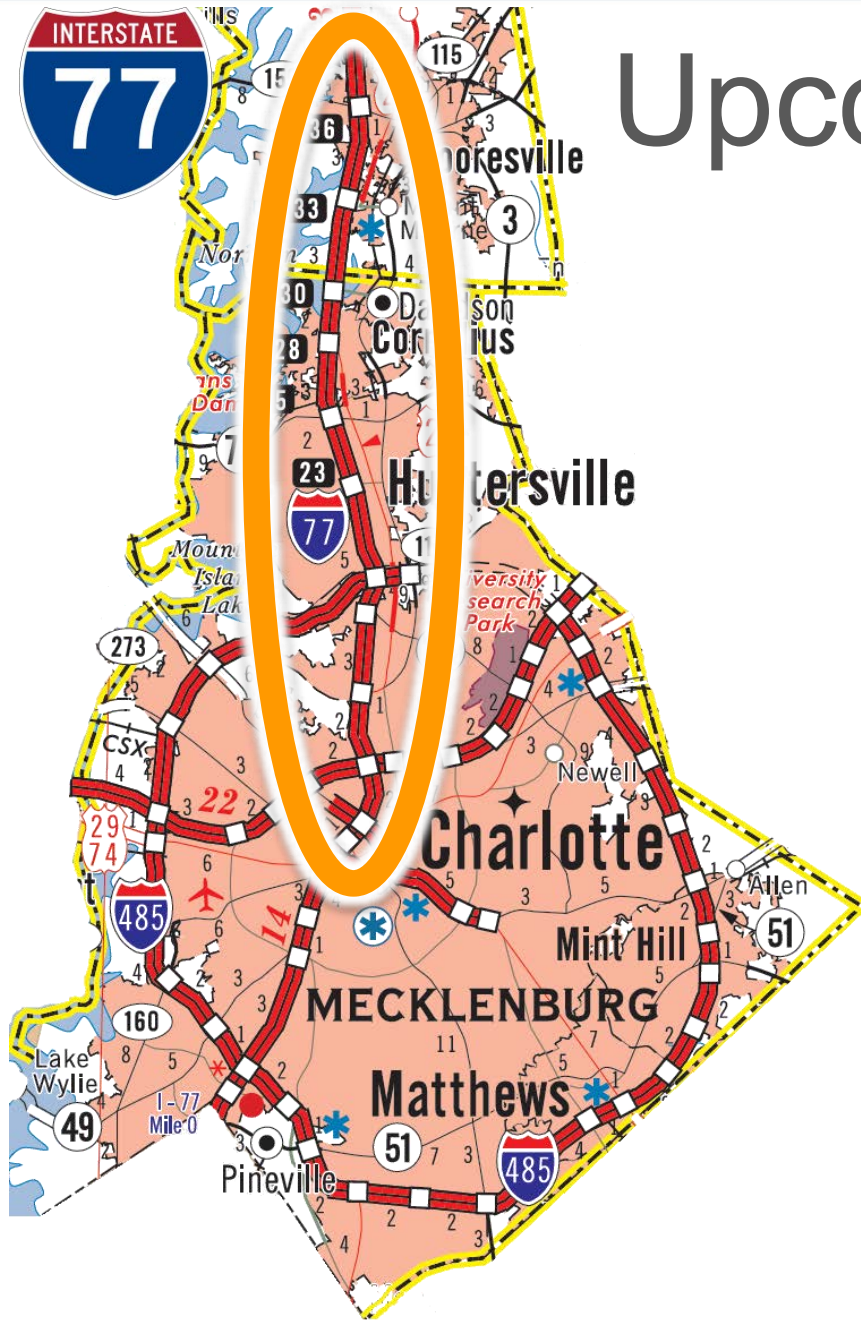




Project Challenges

- Intense public scrutiny
- The Department's first P3 Project
- Quality Assurance versus Quality Control





Upcoming Milestones

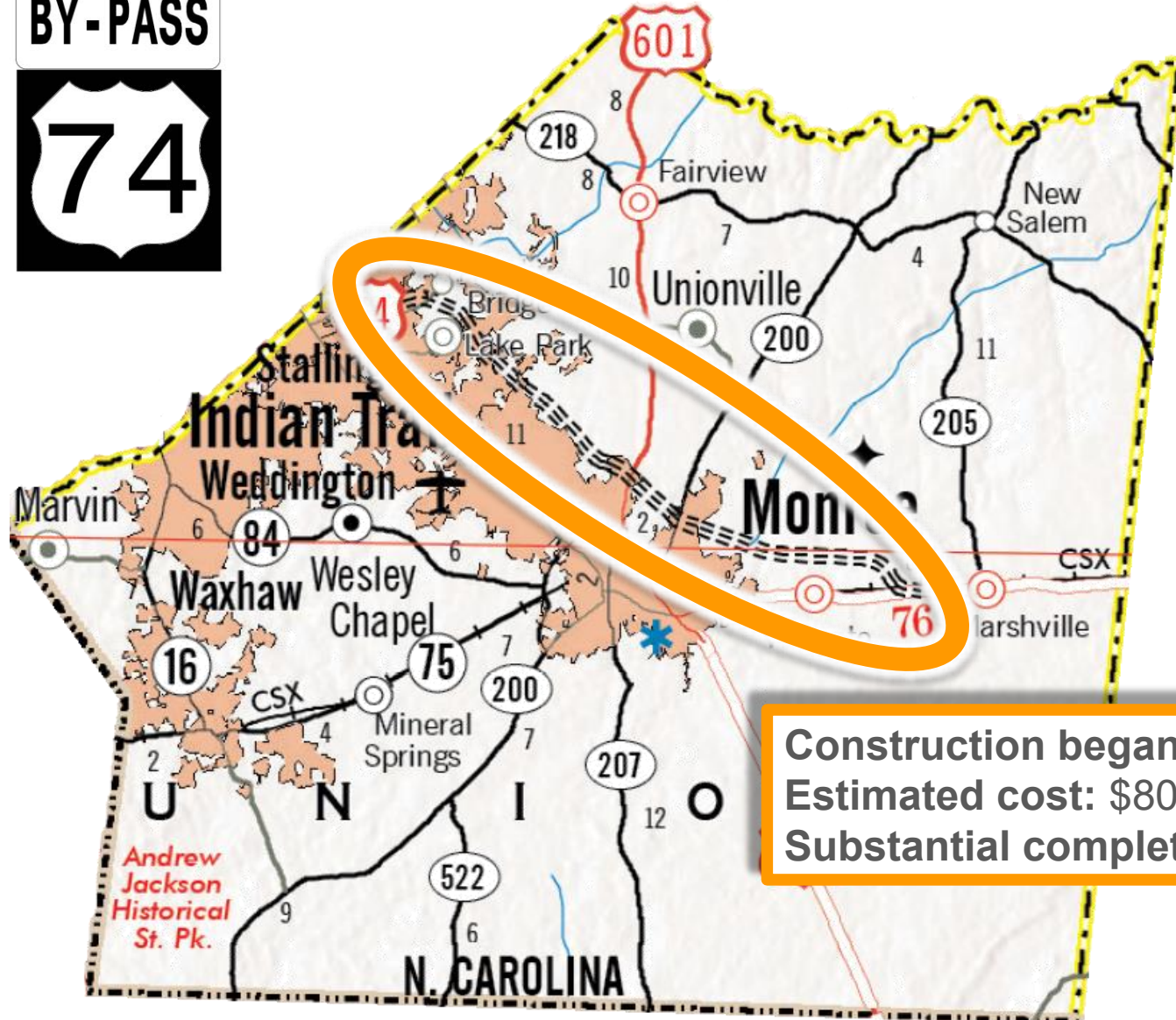
- Developer to hold public hearing on initial toll rate schedule
- Open NC Quick Pass Customer Service Center
- Open express lanes to traffic - December 2018
 - Direct Connects next summer

TOLL

BY-PASS



R-3329 / R-2559



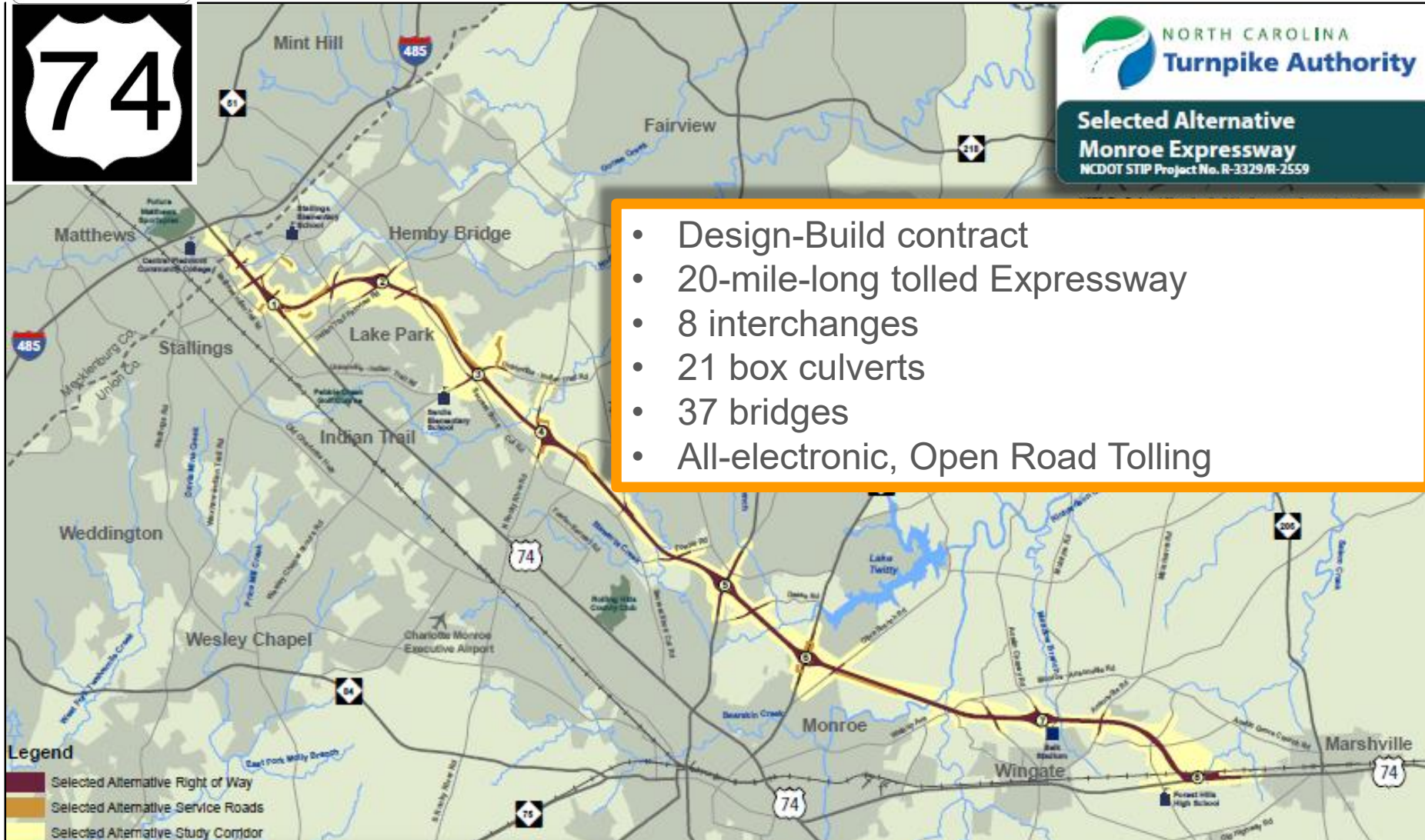
Construction began: May 2015
Estimated cost: \$800 million
Substantial completion: Late 2018

TOLL

BY-PASS

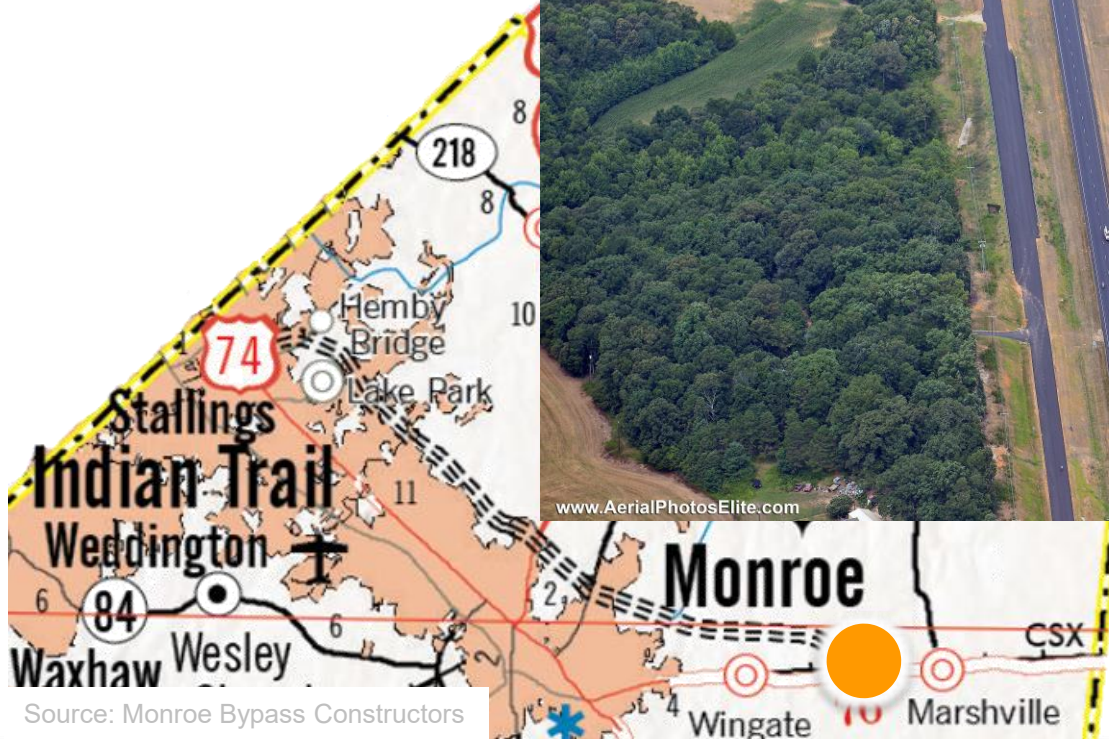


Project Highlights





Eastern Terminus



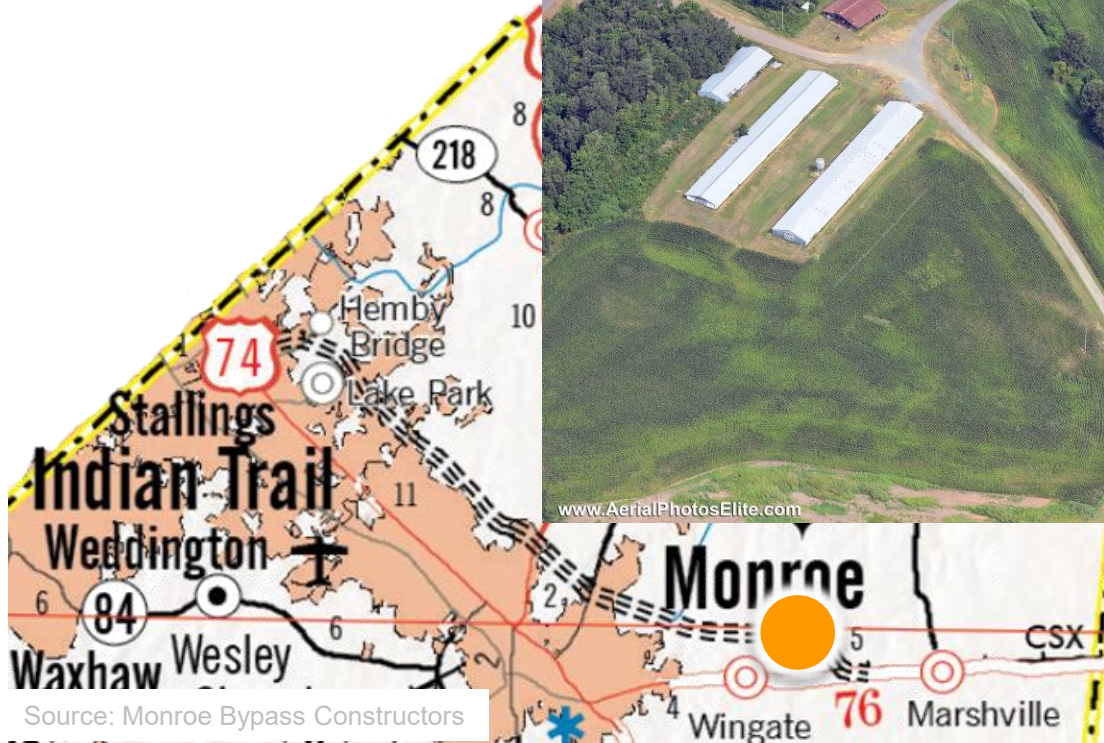
Source: Monroe Bypass Constructors

TOLL

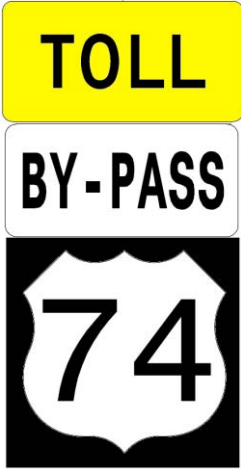
BY-PASS



Toll Site #8



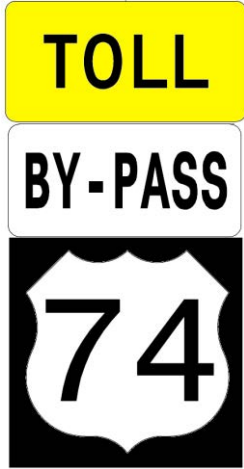
Source: Monroe Bypass Constructors



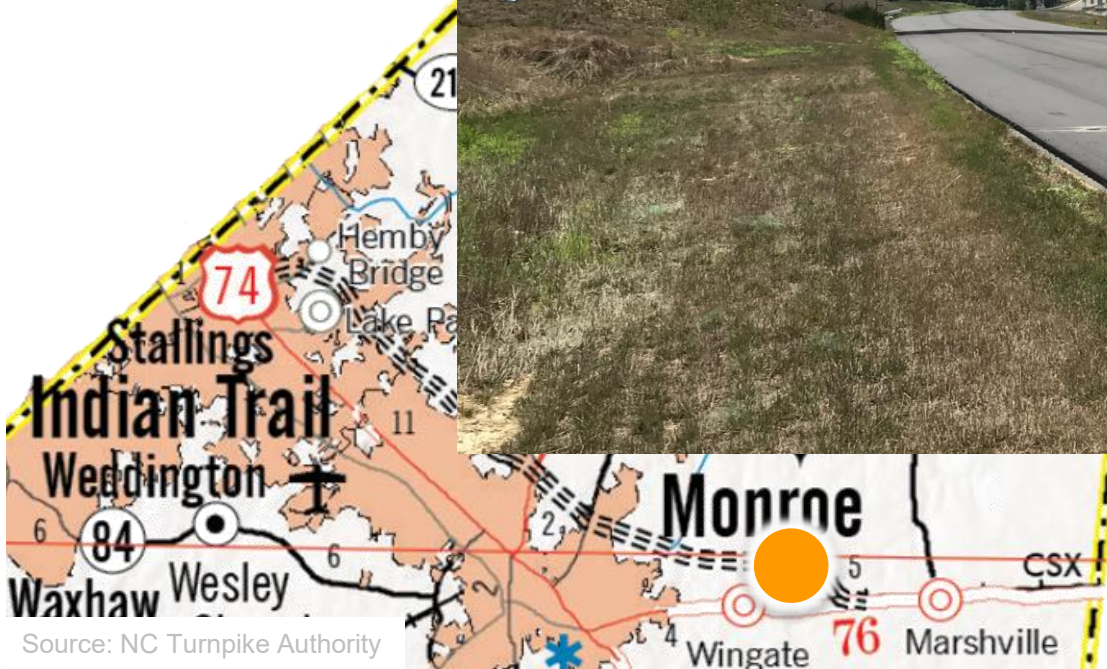
Toll Site #8



Source: NC Turnpike Authority



Forest Hill School Rd



Source: NC Turnpike Authority



Austin Chaney Rd



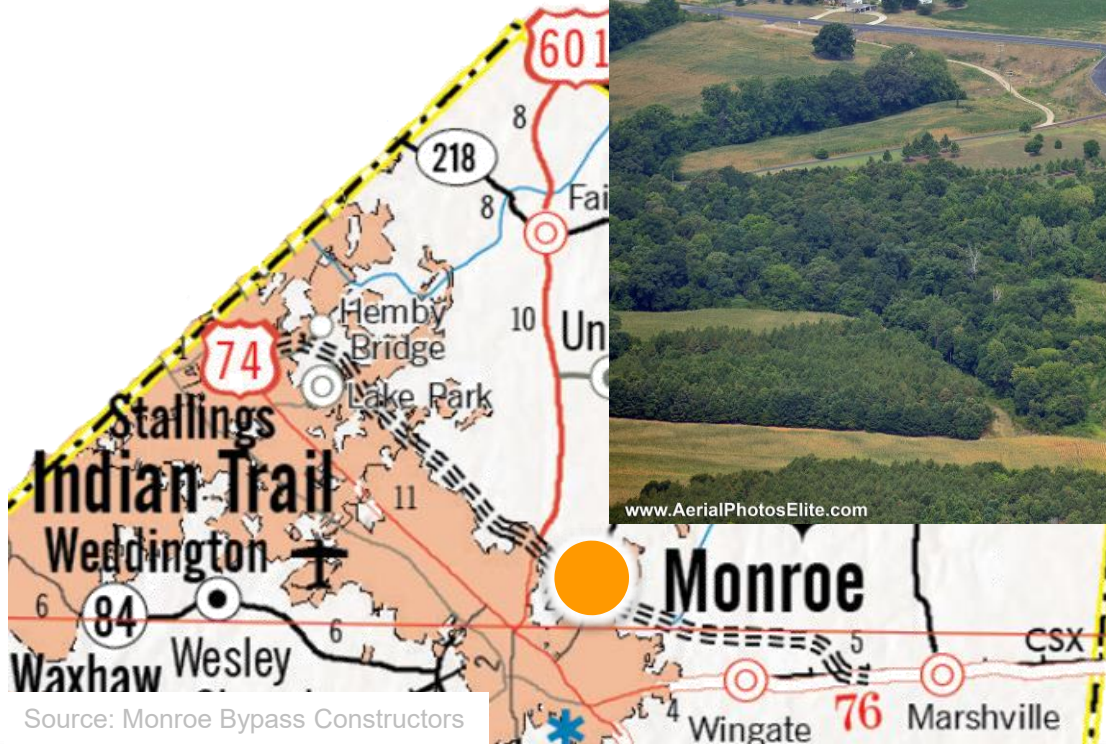
Source: Monroe Bypass Constructors

TOLL

BY-PASS



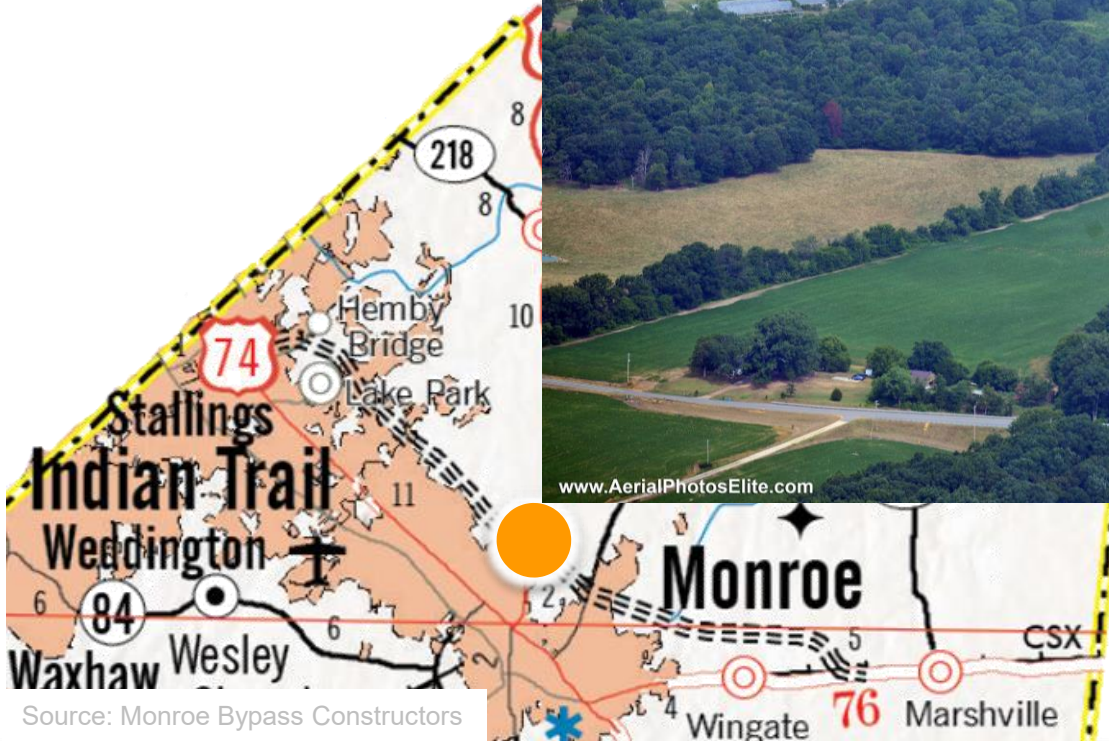
Olive Branch Rd & N.C. 200



Source: Monroe Bypass Constructors



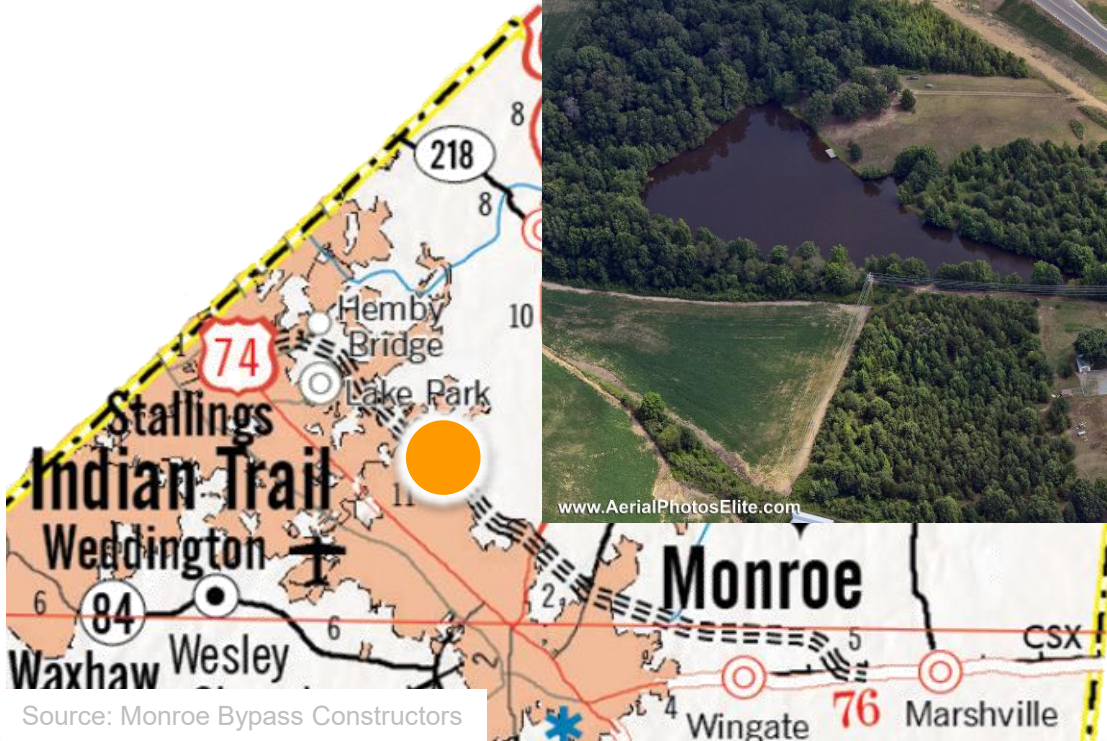
U.S. 601



Source: Monroe Bypass Constructors

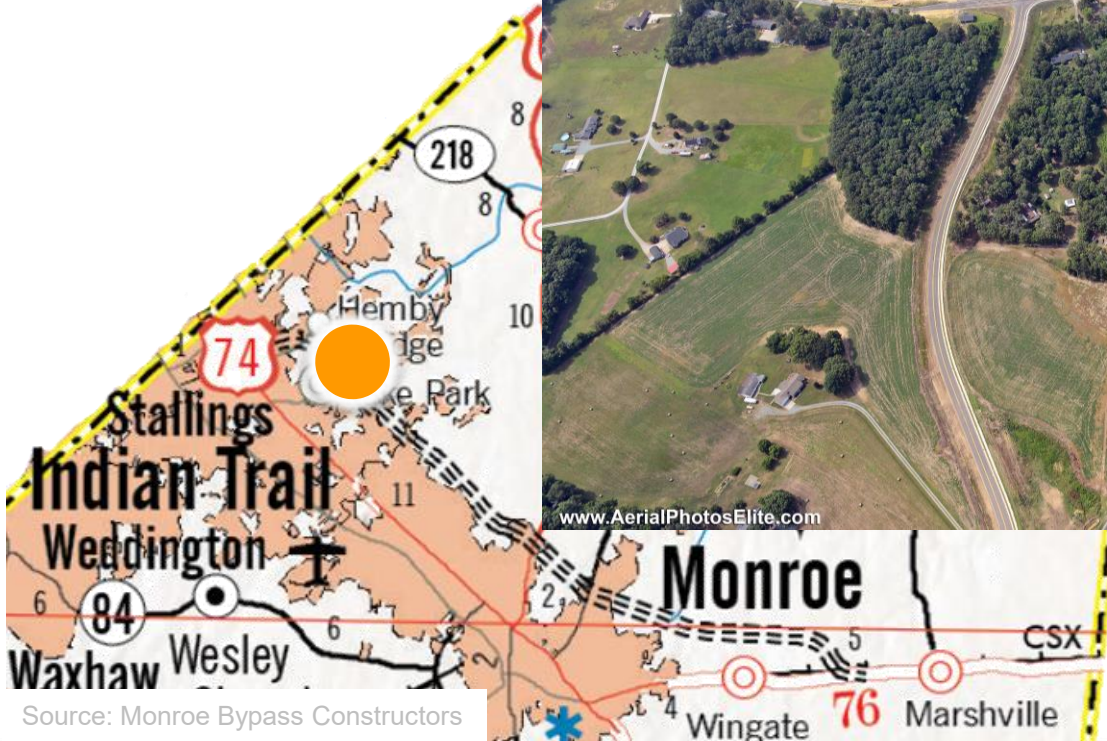


Rocky River Rd





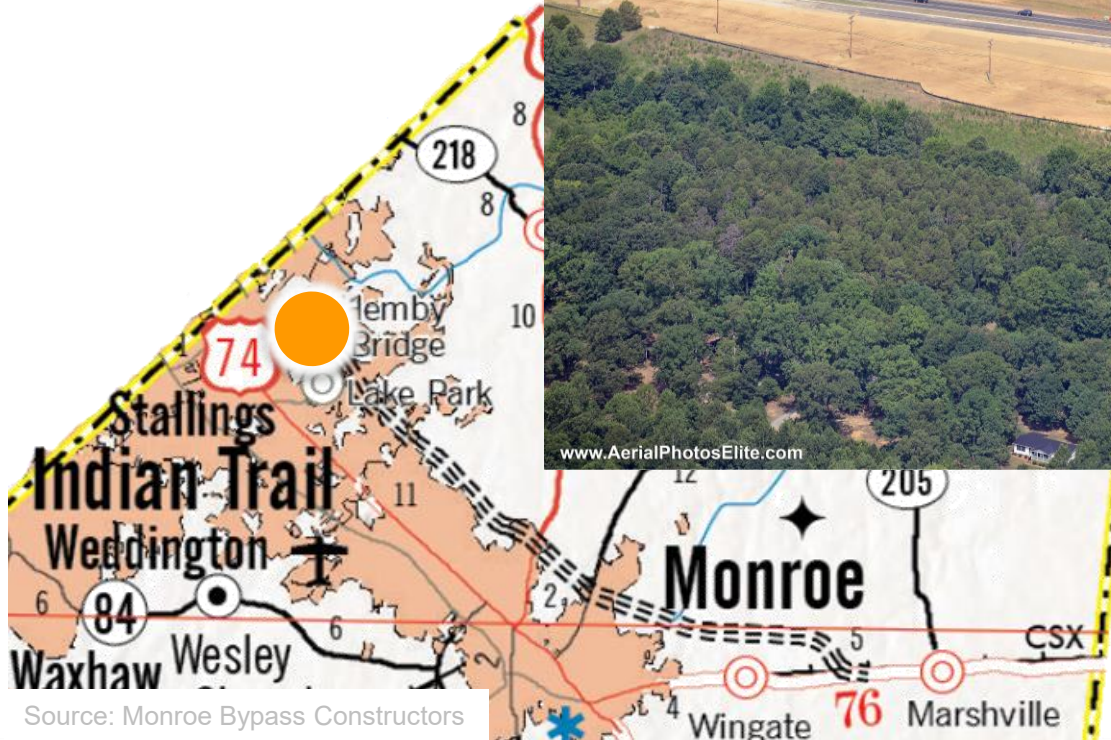
Unionville Indian Trail Rd



Source: Monroe Bypass Constructors



Indian Trail Fairview Rd



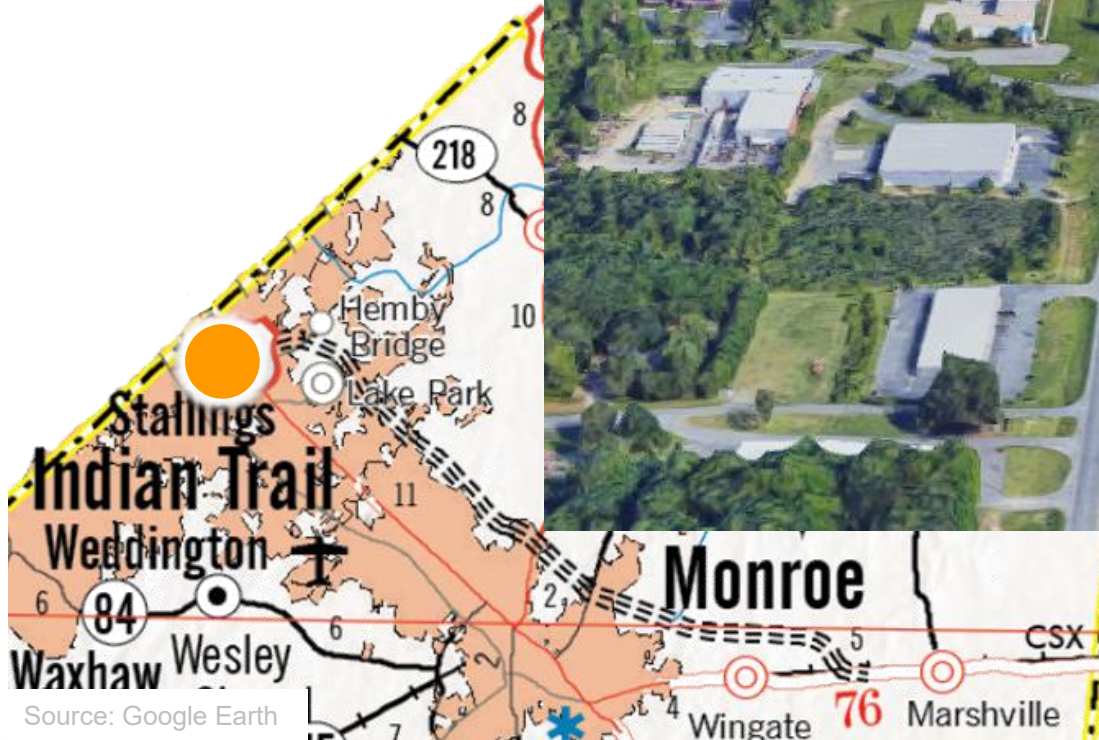
Source: Monroe Bypass Constructors

TOLL

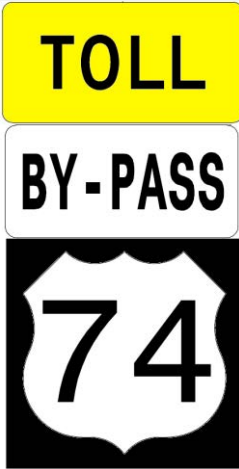
BY-PASS



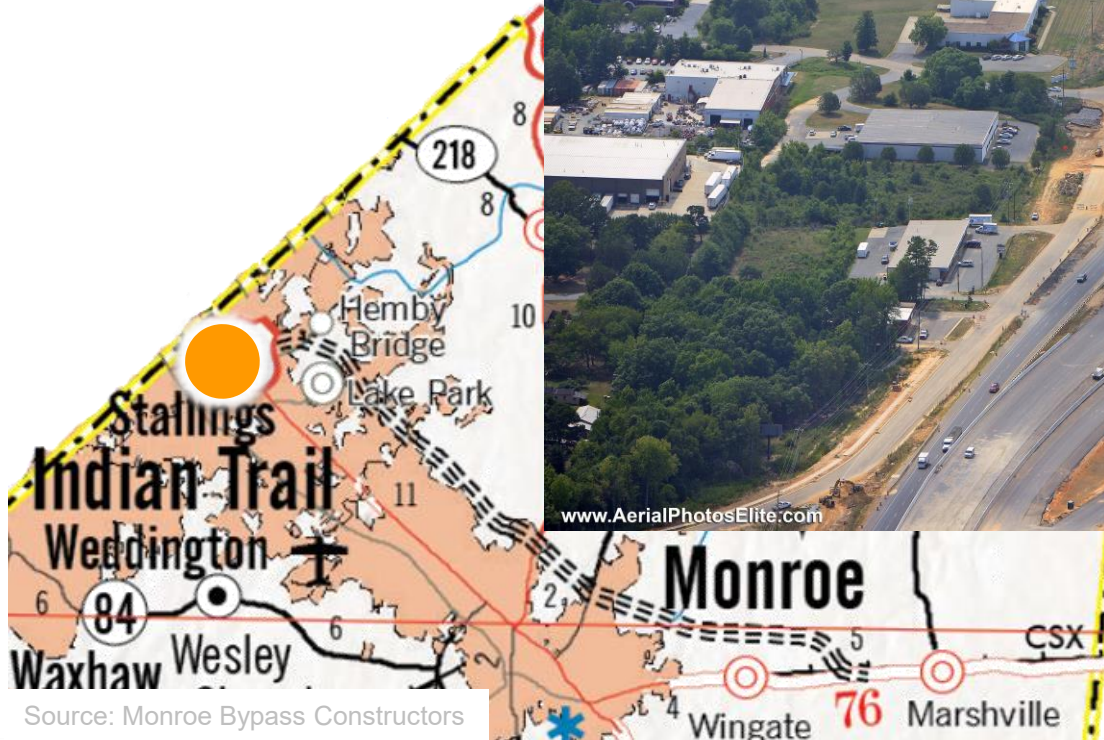
Western Terminus June 2016



Source: Google Earth

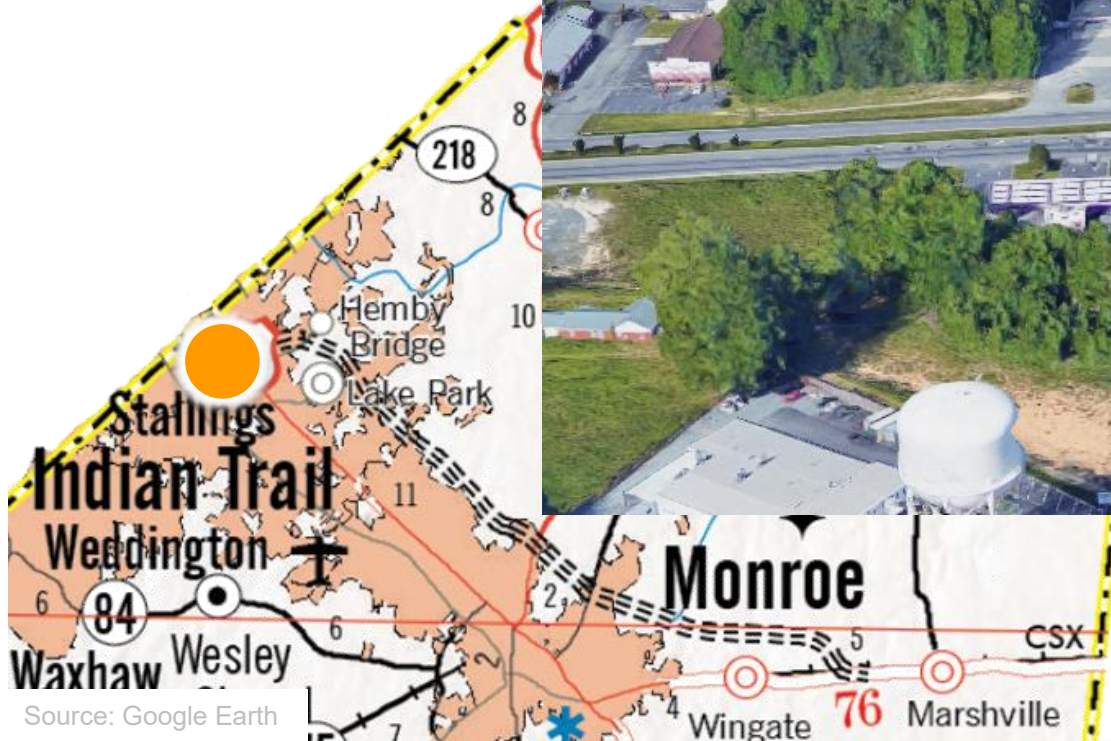


Western Terminus July 2018



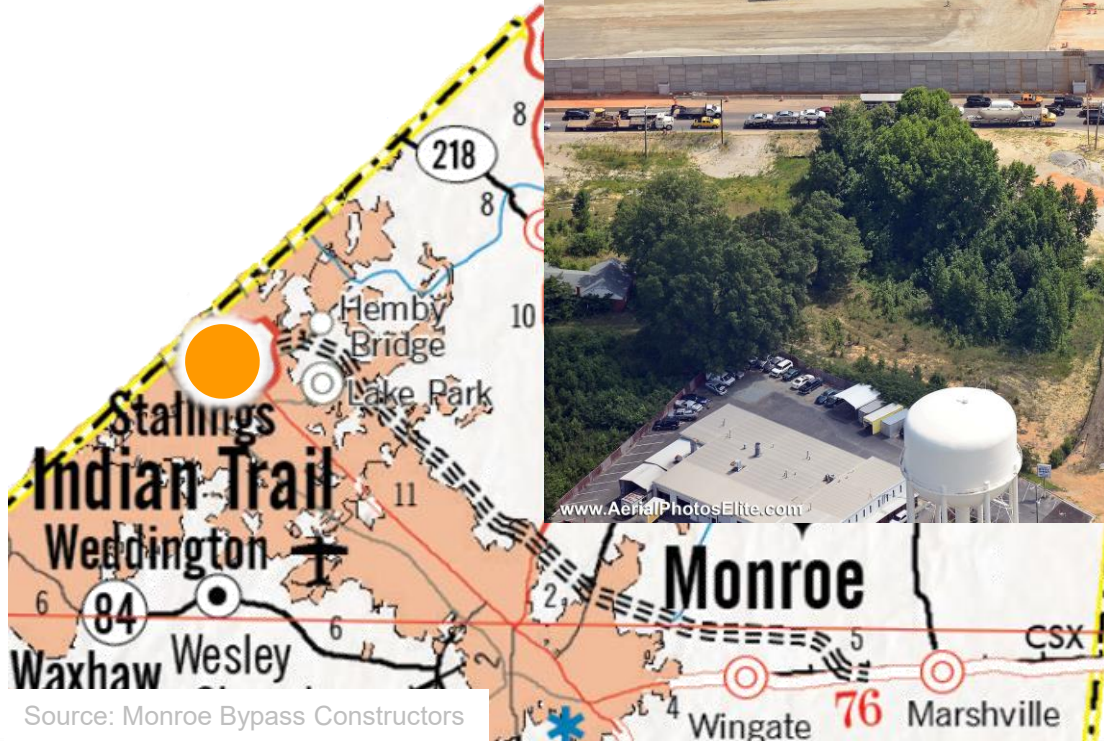


Stallings Rd June 2016





Stallings Rd July 2018



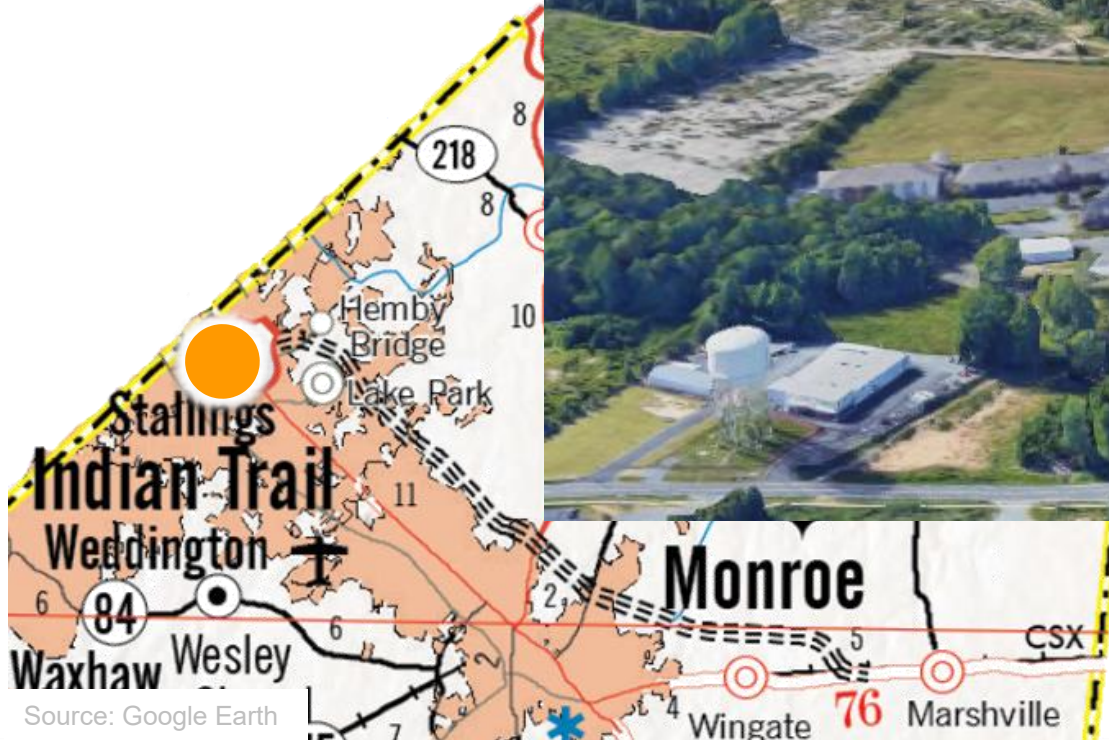
Source: Monroe Bypass Constructors

TOLL

BY-PASS



Western Terminus June 2016



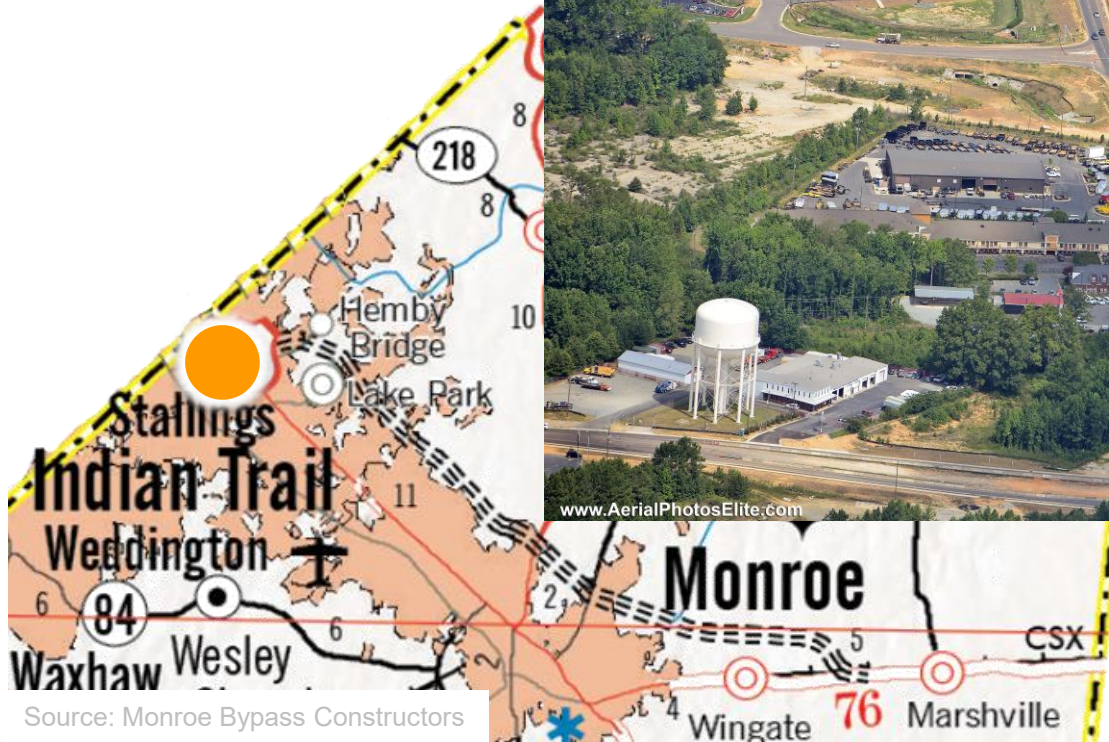
Source: Google Earth

TOLL

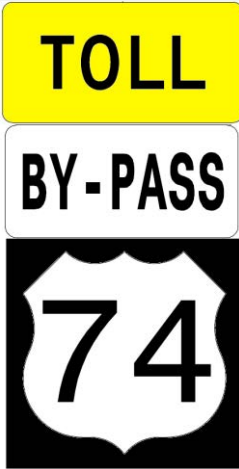
BY-PASS



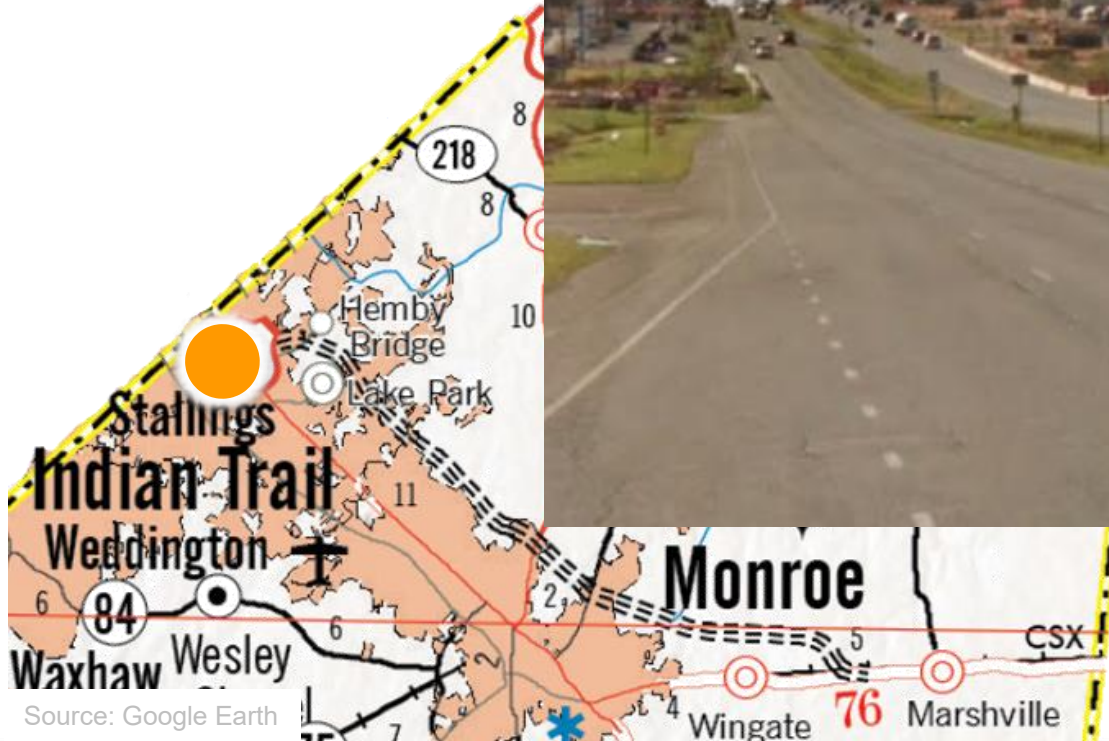
Western Terminus July 2018



Source: Monroe Bypass Constructors



Western Terminus April 2017



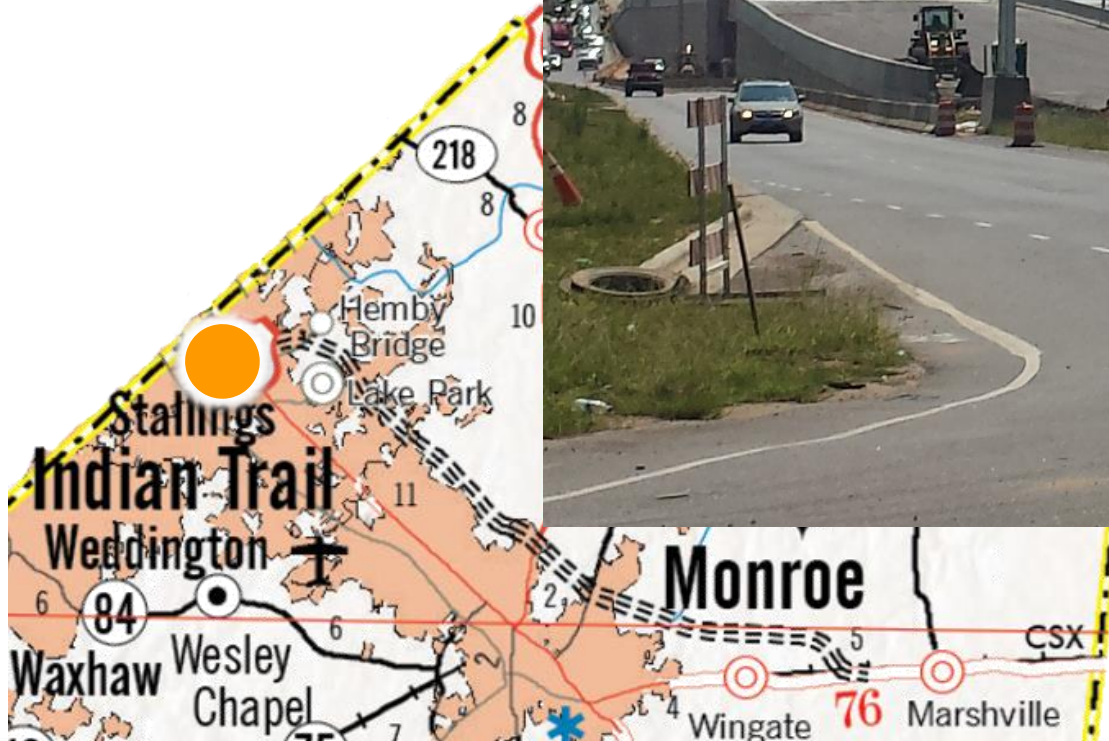
Source: Google Earth

TOLL

BY-PASS



Western Terminus August 2018



TOLL

BY-PASS



Project Challenges

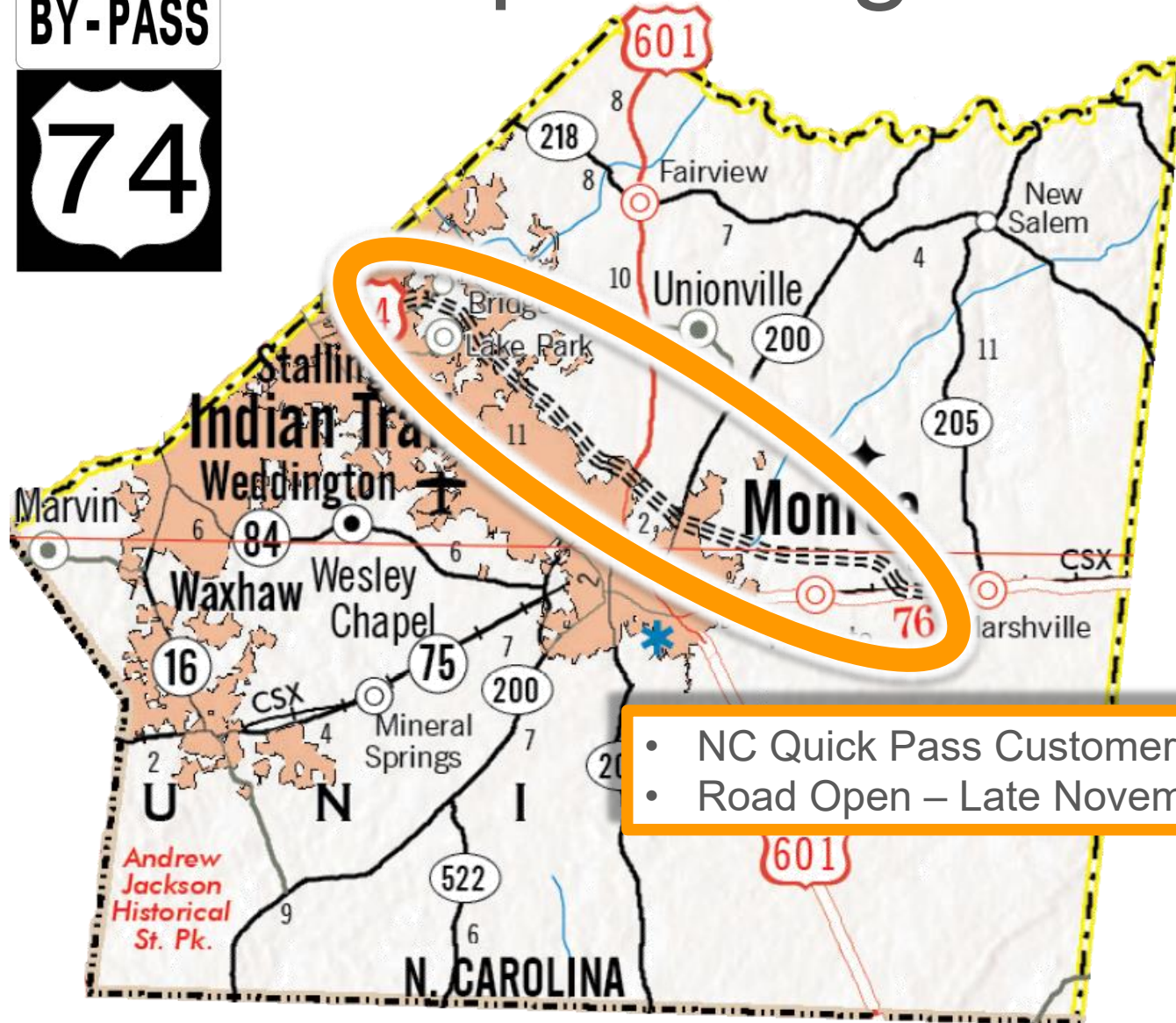


TOLL

BY-PASS



Upcoming Milestones



- NC Quick Pass Customer Service Center
- Road Open – Late November 2018

THANK YOU





NORTH CAROLINA

Department of Transportation



Governor's Highway Safety Program: Grants & Initiatives

Mark Ezzell, Director
N.C. Governor's Highway Safety Program

September 2018

NORTH CAROLINA



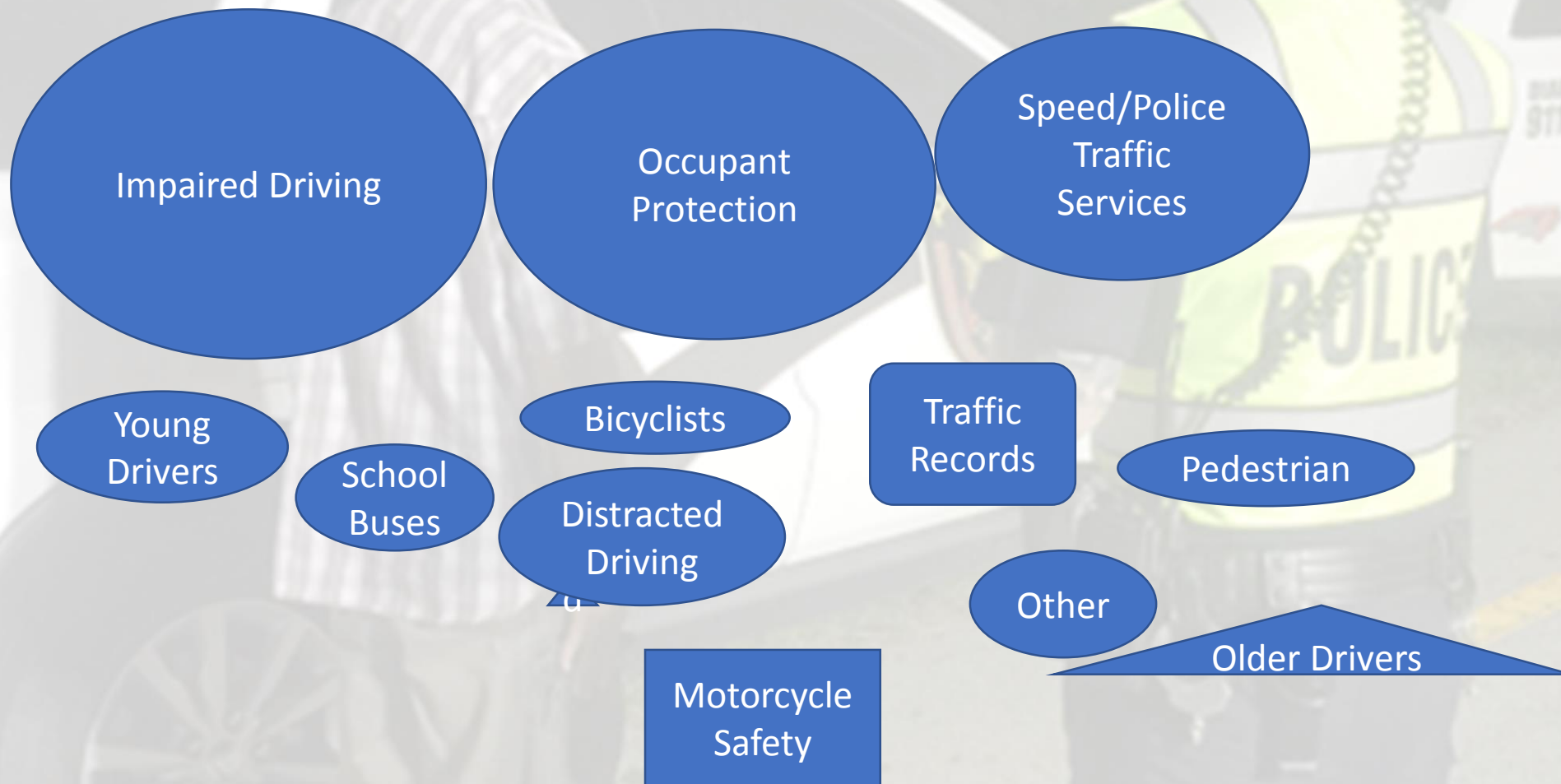
**GOVERNOR'S
HIGHWAY SAFETY
PROGRAM**

The Governor's Highway Safety Program accomplishes our mission in two ways: by conducting highway safety initiatives each year, and through grant funding opportunities

***BOOZE IT
& LOSE IT.***



FY 18 Areas



Grant Development Process

November – January

- [Review project proposal guidelines](#)
- Brainstorm project ideas
- Identify highway safety problems
- Set goals and objectives
- Determine evidence-based strategies and activities
- Develop a budget
- **Prepare and submit grant application (due by Jan. 31)**
- Meet with GHSP Highway Safety Specialist (HSS) at any point

February – June

- Grant Review Team identifies applications for potential funding
- Applicants respond to requests for clarification or missing information from HSSs
- Grant Review Team completes grant negotiations and makes final selections
- GHSP prepares and submits Highway Safety Plan to National Highway Traffic Safety Administration (NHTSA)

July – September

- NHTSA reviews and approves Highway Safety Plan
- GHSP notifies approved applicants and finalizes grant agreements
- Grantees obtain approval for grants/contracts from appropriate department officials

October – September

- New grants implemented beginning Oct. 1
- Grants run on the federal fiscal year, Oct. 1 through Sept. 30
- Grantees submit quarterly reports to GHSP documenting activities, progress and potential problems
- GHSP prepares Annual Report each December

FY 2018 Grants





Vidant Health Foundation



www.ncsafekids.org



CABARRUS HEALTH ALLIANCE

The Public Health Authority of Cabarrus County

FY 2019 Grant Awards (a sample)

QUESTIONS?

Mark Ezzell

Director

N.C. Governor's Highway Safety Program

919-814-3654

mezzell@ncdot.gov

<https://www.ncdot.gov/initiatives-policies/safety/ghsp/Pages/default.aspx>



NORTH CAROLINA

Department of Transportation



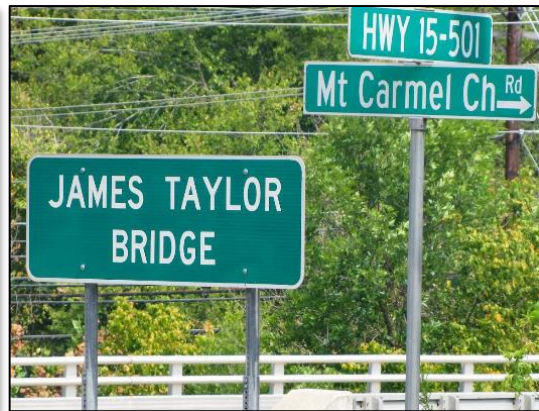
Numbering NCDOT Facilities

Kevin Lacy, PE

September 5, 2018

Why does this matter?

When it comes to funding transportation projects, the “Primary Highway Designation” and the associated numbering of the route make a difference in the prioritization of Statewide, Regional, Division, and Local Area Projects. It is important for the NC DOT and planning organizations to follow the state and federal processes to prevent either delay or the lowering of a project’s prioritization.



Outline

- Numbering Authorities
- Prioritization and Numbering
- Primary Highway Differences
- How We Number
 - NC Routes
 - US Routes
 - Interstates

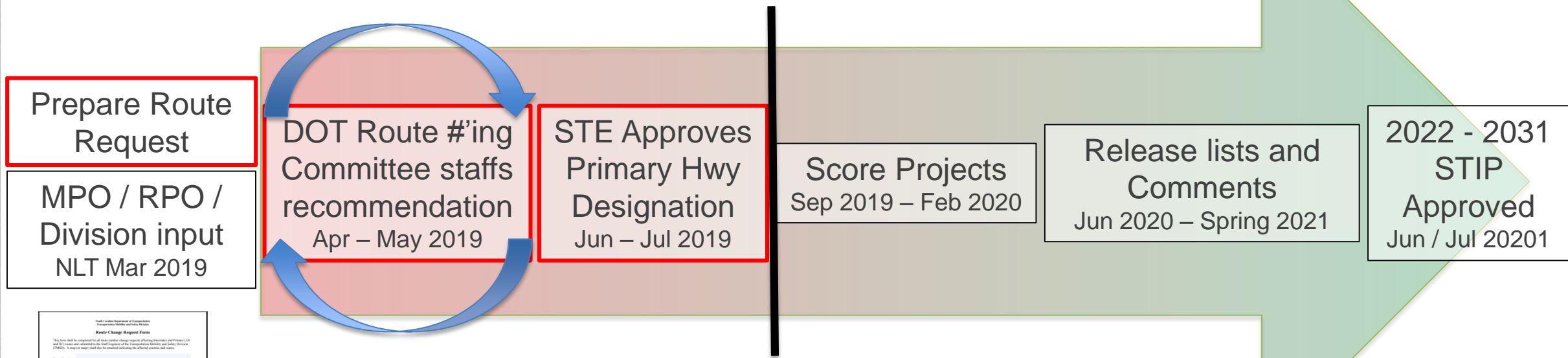
Numbering Authority

- **Federal (Title 23 United States Code)**
 - Title 23, U.S.C., § 103(c)(4)(A) and (B), permits States to request the designation of National Highway System routes as parts or future parts of the Interstate System. The FHWA Administrator may approve such a request
 - 23 CFR, § 470.115(a): FHWA approves Federal-aid highway system actions involving the designation, or revision, of routes on the Interstate System, including route #s, future Interstate routes, and routes on the NHS
 - 23 CFR, § 470.111(d) Proposals for Interstate route numbering shall be submitted by the State transportation agency to the Route Numbering Committee of the American Association of State Highway and Transportation Officials.
 - FHWA by policy delegates US Route Numbering to AASHTO to process
- **State (G.S. 136-18)**
 - NC Code (19A NCAC 04A .0104): State Traffic Engineer subdelegated authority to change or extend route numbers on the primary highways (NC, US, and Interstate routes)

How we number a primary route (STIP Process)

2022-2031 STIP (P6.0 Scoring)

Before a project can be scored, it must receive concurrence from State Traffic Engineer on designation as a Primary Route



Prepare Route Request
MPO / RPO / Division input
NLT Mar 2019

DOT Route #ing Committee staffs recommendation
Apr – May 2019

STE Approves Primary Hwy Designation
Jun – Jul 2019

Score Projects
Sep 2019 – Feb 2020

Release lists and Comments
Jun 2020 – Spring 2021

2022 - 2031 STIP Approved
Jun / Jul 20201



- Timeline above indicates latest time to consider
 - STE can evaluate well in advance
- Primary route designation affects scoring process
- Project not considered or assessed as Primary Highway, will then be scored as Division Needs

Purpose of Primary Road Types



- **NC:**

- Not repeated, routes connect *inside* the state
- Necessary line of *intrastate* traffic not provided for by existing primary roads
- Connects cities and state intermodal transportation facilities throughout NC



- **US:**

- Not repeated, routes connect *outside* the state
- Facilitates travel on the main interstate highways, over the shortest routes and the best available roads
- Forms continuity of available facilities through 2 or more states that accommodate the most important and heaviest motor traffic flow



- **Interstate:**

- Serves major population centers, international border crossings, ports, airports, public transportation facilities, and other intermodal transportation facilities and other major travel destinations
- Meet national defense requirements
- Serve *interstate* and interregional travel and commerce

Roles of numbering a primary route (NC, US, Interstate)



- **State Traffic Engineer**

- Has internal DOT Route Numbering Committee
- Approves NC Routes
- Endorses US Routes / Interstates for NC DOT Chief Engineer Signature for state approval
- Signs all final ordinances



- **AASHTO Special Committee on US Route Numbering**

- Approves US Route modifications (US Alternates, Temp US, Business Routes, Bypass Routes)
- Endorses Interstate Routes



- **Federal Highway Administration**

- 23 CFR, § 470.115(a): FHWA approves *Federal-aid highway system actions involving the designation, or revision, of routes on the Interstate System, including route #s, future Interstate routes, and routes on the NHS*
- FHWA approves interstates, and AASHTO acts on the approval

How we number a Primary Road (NC Routes)

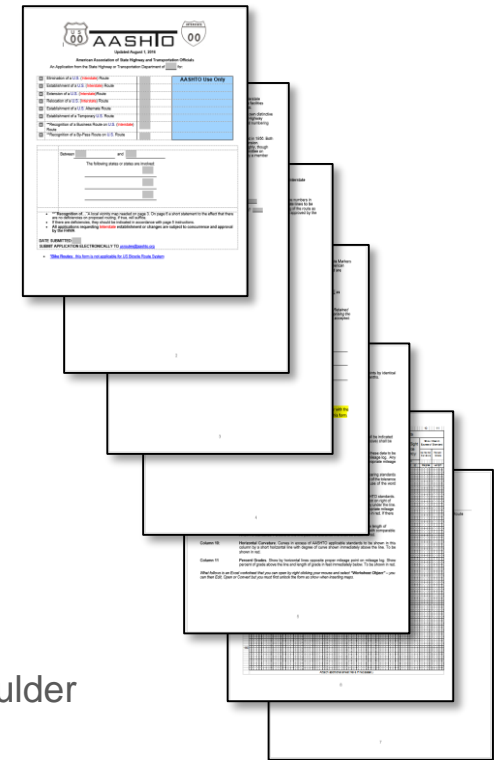
19A NCAC 02B .0242 (NC ROUTE NUMBERS)

- NCDOT has full responsibility for establishing NC routes
 - Normally relates to removing a road from the secondary road system and placing it on the primary road system
- Route design criteria:
 - Pavement structure: 19,000 pound axle load
 - Operational standards: min 20-foot paved width and with shoulders
 - Alignments: Horizontal and vertical alignment allows speed limit of 55 mph (45 mph in extreme areas)
 - Minimum length: normally 50 miles (shall not overlap existing NC or US routes unless the duplication is for a short distance and the routes then diverge, ending in different terminal points)
- *“**No** additional N.C. route shall be added to the primary highway system or extended except where there is a definite showing of an adequately improved highway carrying an established and necessary line of intrastate traffic not otherwise provided for by existing U.S. or N.C. routes.”*



How we number a Primary Road (AASHTO)

- AASHTO Committee approves US numbers and endorses Interstate numbers
 - Eliminates (US or Interstate)
 - Establishes (US, Interstate, US Alternate, Temp US)
 - Extends (US or Interstate)
 - Relocates (US or Interstates)
 - Recognizes (Business Routes on Interstates, By-Pass Route on US Route)
- Application requires
 - Map
 - Explanation and reasons for request
 - Weighted ADT
 - Comparison to applicable AASHTO design standards
 - Control Points and Mileage, Pavement Type, Pavement Conditions, Traffic, Pavement and Shoulder widths, Major Structures, Vertical Sight Distance, Horizontal Curvature, % Grades
 - Signed by Chief, Engineer (though NC code sub-delegates to State Traffic Engineer)
- AASHTO Committee meets twice / year to consider all requests
 - **Timing is Critical!**



How we number a Primary Road (Interstates)

Interstate System Additions in North Carolina

- **Administrative Process** – Interstate System Route Designation (23 USC 103 (c)(4)(A) and 23 CFR Part 470)
- **Congressional Process** – Interstate Addition as a High Priority Corridor (Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) Section 1105)
 - FAST ACT: Amended ISTEA – Additional high priority corridors

**** Note: “Future” Interstates** (23 USC 103 (c) (4) (B)) – Designation can be used in either Admin or Congressional Process

How we number a Primary Road (Interstates)

Administrative Process

- NCDOT must coordinate and obtain a resolution from all local officials, County Commissions, and MPOs
- NCDOT must request addition to the Interstate system through FHWA NC Division
- Route must be on the ***National Highway System (NHS)***
- Route must meet ***Logical Addition Criteria***
- Route must meet ***Interstate System design criteria***
- Route number and addition must be approved by AASHTO and FHWA
- Approval of route to Interstate System is left with US Secretary of DOT

How we number a Primary Road (Interstates)

Logical Addition Criteria

- Route is a viable transportation route –Interstate Travel, Connect principle metropolitan centers for national defense and economic development
- Route should not duplicate another Interstate
- Route directly serves:
 - a) Major traffic generators (urban area over 100,000)
 - b) Major government centers
 - c) Principle Industrial Centers
 - d) Major Military Complexes
 - e) Major transportation terminals
- Route connects
 - a) Interstate to Interstate Route
 - b) Interstate Route to International Border
 - c) Interstate Route to major traffic generator
- Route meets Interstate Design Criteria

How we number a Primary Road (Interstates)

Interstate Design Criteria

- Control Access
- Design Speed
- Maximum Grade
- Minimum Number of Lanes
- Minimum Lane Width
- Shoulder Width
- Median Width
- Recovery Area
- Vertical Clearance
- Horizontal Clearance

How we number a Primary Road (Interstates)

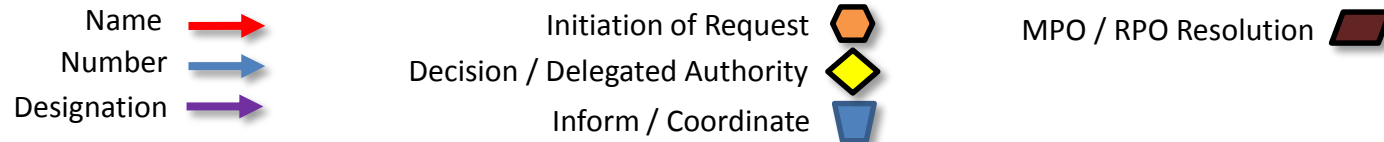
“Future” Interstate

- If US DOT Secretary determines that a highway on the NHS would be
 - Logical addition or connection to the Interstate System
 - Qualify if the highway met all standards,
- US DOT Secretary may (w/ recommendation from state) designate the highway as a “future” Interstate System route
- Must complete in 25 years
- Designation does not allow for federal maintenance aid



Difference Between Routes, Naming, Numbering and Honorary Designations

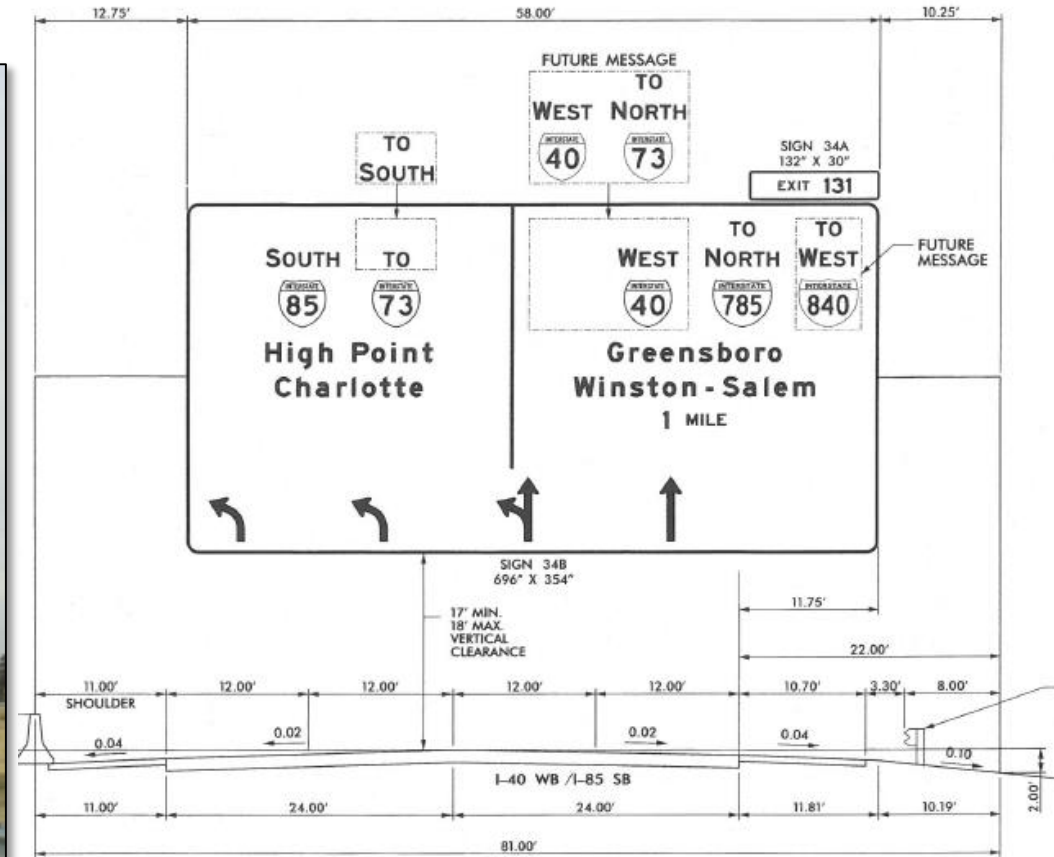
	Requestor	Municipality	County	Division	TMSD	Chief, EN	BOT	AASHTO	FHWY DOT
Municipal Street	Requestor	Decision	Inform	Inform					
Secondary Roads	Requestor	Decision	Decision	Inform	Inform	Inform	Decision		
	Requestor	Inform	Inform	Inform	Inform	Inform	Decision		
NC Route	Requestor	Decision	Decision	Inform	Decision		Decision		
	Requestor	Inform	Inform	Inform	Inform		Decision		
US Routes	Requestor	Decision	Decision	Inform	Inform	Inform	Decision	Decision	
	Requestor	Inform	Inform	Inform	Inform	Inform	Decision	Decision	
Interstate Routes	Requestor	Decision	Decision	Inform	Inform	Inform	Decision		Decision
	Requestor	Inform	Inform	Inform	Inform	Inform	Decision	Decision	Decision
Auxiliary / Truck Routes (Connectors, Truck Only)	Requestor	Inform	Inform	Inform	Decision				
All Routes	Requestor	Requestor	Requestor	Inform	RBFN Staff	Inform	Decision		



** Per NC Statute, Board of Transportation reserves right to name / rename any road **

GIS involved throughout

Questions?





MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

DATE: 08-01-2018 **TIME:** 2:55 PM **LOCATION:** EIC Room

MEETING CALLED BY	Vice Chairwoman Nina Szlosberg-Landis
BOARD ATTENDEES	Valerie Jordan, Thomas Taft, Hugh Overholt, Tony Lathrop, Allen Moran and Sam Bowles

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF MAY 30, 2018 MINUTES – VICE CHAIRWOMAN NINA SZLOSBERG-LANDIS	
DISCUSSION SUMMARY	Vice Chairwoman Nina Szlosberg-Landis called the Committee to order and asked for a motion to approve the minutes as distributed.
ACTIONS TAKEN	A motion to approve May 30, 2018, minutes as distributed was made by Mr. Hugh Overholt and seconded by Mr. Tony Lathrop. The Committee approved unanimously.

2. MULTI-MODAL TRANSPORTATION UPDATE – DAVID HOWARD, CHIEF DEPUTY SECRETARY	
DISCUSSION SUMMARY	<p>Chief Deputy Secretary Howard shared with the committee that NCDOT is partnering with the Women’s Transportation Seminar (WTS) and NCGo! to launch the first annual Multimodal Awards luncheon program in February. It will be held on the Wednesday of the Board meeting so our Board members can attend. We hope to advance understanding of how multimodal investments advance economic development, spur private sector investment, improve public health, and connect people to jobs, health care and education and more. The awards will be presented in five categories - rural, urban, suburban, tourism and innovation. We plan to secure a high profile panel of judges who will select three finalists and one winner in each category. Metropolitan and rural planning organizations as well as cities and counties will be eligible to submit projects for consideration. We are working on all the details and marketing materials and as soon as we have them ready we will share them with you so you can share them with your MPOs and RPOs and encourage them to apply.</p> <p>STI 6.0 is kicking off this fall. We are reviewing the criteria for bike/ped and transit to determine what improvements need to be made. A review of the 5.0 scoring revealed that the changes made from 4.0 to 5.0 in each of those modes did not help and in some cases hurt the modes scoring.</p>



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

	<p>Rail – Jason is getting acclimated to his new role as our rail director. He was at the ports this week to explore how we can continue our strong support for growing our State’s ports. We celebrated the start of Phase I of Charlotte Gateway Station this month.</p> <p>Aviation – Is hosting the first annual Drone Summit and Flight Expo Sunday through Tuesday in Greensboro. They are expecting over 300 in attendance. We hope you can drop in if you are in the area.</p> <p>Public Transportation Division –Assisted many communities in submitting transit projects for consideration to the federal BUILD grant opportunity. One of those was the Stanly County who submitted for a planning grant to expand their transit system as Pfeiffer University builds a new medical graduate program in the downtown of the City of Albemarle.</p> <p>Ferry – Effective July 1, 2018, eligible state employees received a pay increase of two percent or to \$31,200, whichever is greater. This new minimum salary is benefiting 70 employees in the Ferry Division. Our Ferry Division has some of the lowest paid state government employees and we are happy to share the benefit of this new minimum salary with you.</p> <p>Bike/Ped – Hanna hosted two interns this summer and among the projects they worked on they filmed our first Folks on Spokes web series. Julie, Hanna, their kids, and our interns biked the Kinston Cycle Track and downtown Kinston and filmed the experience. They plan to do four of these a year, biking and talking about how safe they feel biking and highlighting the before and after of some of our Complete Streets projects. Hanna is also closely monitoring the launch of the e-scooters across our State. Early data from Charlotte found that in June 66,220 trips were taken and 98,004 miles were traveled using dock less e-scooter share. This is one more example of how fast our transportation options are changing and how eager folks are to embrace new technologies of transport.</p>
ACTIONS TAKEN	No Action Taken



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

3. FUNDING ITEMS (PTD AND RAIL)	
DISCUSSION SUMMARY	Information was presented by Multi-Modal Directors for the Committee's Approval.
ACTIONS TAKEN	<p>Motion to approve Public Transportation funding items made by Allen Moran and seconded by Mr. Hugh Overholt.</p> <p>Motion to approve Rail funding items made by Mr. Allen Moran and seconded by Mr. Thomas Taft.</p> <p>The Committee approved unanimously.</p>

4. FROM COMMON GROUND TO HIGHER GROUND– PATRICK WOODIE, N.C. RURAL CENTER AND BEAU MILLS, N. C. METRO MAYORS	
DISCUSSION SUMMARY	<p>Patrick Woodie, N.C. Rural Center, and Beau Mills, N.C. Metro Mayors, gave a presentation "From Common Ground to Higher Ground." They provided brief explanation about The Rural Center and the Metropolitan Mayors Coalition. N.C. is a uniquely rural state with urban growth and is among the most populous states. Areas are rural but metro regions drive our economy. Sixty-five percent of new residents are locating in one of five counties and the same five counties are capturing eighty-two percent of new jobs. The Rural Center's leadership recently finished a yearlong rural road trip where they drove 8,457 miles, and met with 1,600 rural leaders in 80 rural counties. The two organizations recommended NCDOT advance their multimodal efforts by focusing on Updating the Complete Streets policy, addressing the challenge of the required state match for bike/ped projects, Interagency Coordination and Fiber lines which are part of the multi-modal equation. DOT has a growing commitment to build planning capacity within Rural Planning Organizations (RPOs) to make RPOs more competitive for federal planning grants, and building a pipeline of shovel ready projects.</p>
ACTIONS TAKEN	No Action Taken



MULTI-MODAL TRANSPORTATION COMMITTEE AGENDA

BOARD OF TRANSPORTATION SEPTEMBER 5, 2018

TIME: 2:30 PM

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of August 1, 2018 Meeting Minutes	Chairman Perkins	2:30
Funding Items (Public Transportation, Rail, and Aviation)	Multi-Modal Directors	2:35
Multi-Modal Transportation Update to Include the Innovation Challenge and Mobi Awards Program	Julie White, Deputy Secretary Catherine Peele, Ferry Division Stephanie Sudano, Aviation Division	2:40
Quarterly Updates for Each Mode of Transportation (Ferry, Public Transportation, Rail, Bike & Ped, and Aviation)	Multi-Modal Directors	2:50
LIME Presentation	C. J. Shaw, Lime, General Manager	3:05
Adjourn	Chairman Perkins	3:40



INNOVATION CHALLENGE & COMMITTEE

Raising Employee Engagement & Job Satisfaction

- New campaign for multi-modes – each mode represented on committee
- Innovative idea submissions from employees, driving a culture of innovation

STEPS:

Open for Submittals/
Follow up on previous ideas



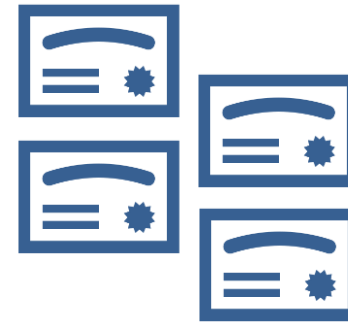
Review by Committee



Review by Mode



Select Top Ideas



Celebration



FY 2019

Q1

- Finalize Communications Plan
- Start web design & development

Q2

- Campaign launch newsletter from Julie White
- Highlight existing innovative ideas to gain traction
- Communication material design finalized and begin distribution

Q3

- Web site launch to correct issues and finalize in January
- Push communication material and discussions with department heads
- Challenge launch mid February with banner roll out and celebration at Highway Building

Q4

- Submittal closing mid May
- Review by Committee and assigned to mode for feasibility research

FY 2020

Q1

- Feasibility complete and back to Committee
- Responses sent or published for submittals
- Top ideas selected for possible implementation and celebrated

Q2

- Begin efforts for the next submittal cycle



- Top innovative ideas that are feasible will be selected to be implemented at the appropriate level (office, mode, DOT)
- Celebration of person or team
- Yearly campaign that will improve and continue to grow as success is measured

MOBI AWARDS



The goal of the Mobi Award is to raise the profile of multimodal projects and the transformational impact they can have on communities

Awards plus Honorable Mentions will be given in 5 categories:

RURAL



URBAN



SUBURBAN



TOURISM

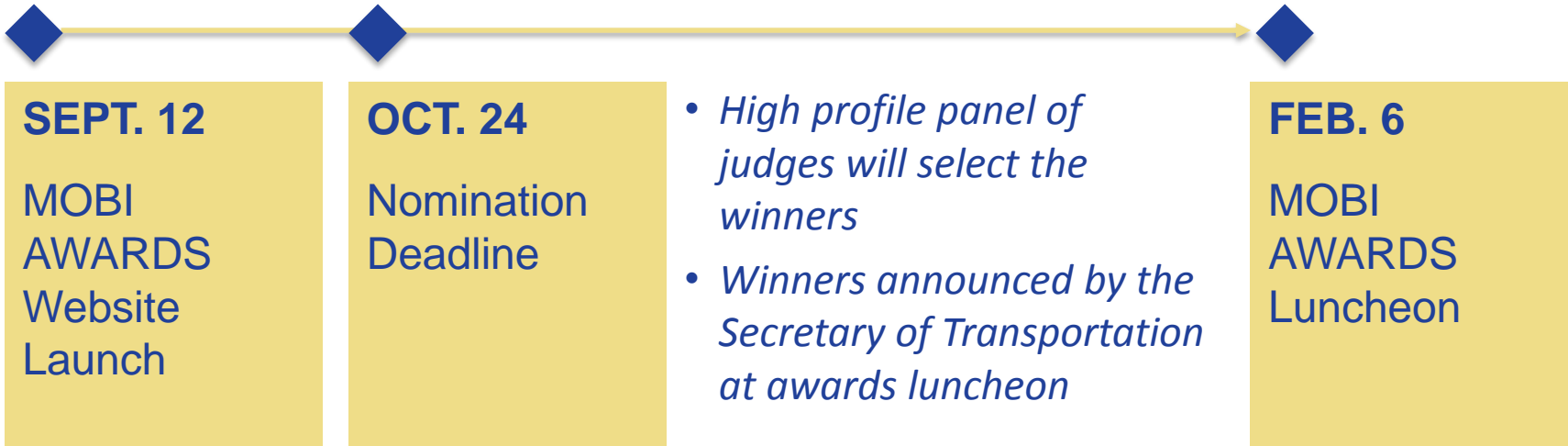


INNOVATION



Nominations by towns, cities, counties, RPOs, MPOs, public transportation system/authority, or Councils of Government.

MOBI AWARDS



Appeal: Spread the word about The Mobi Awards to communities and public agencies you know!

Ferry Division Accomplishments



**TERMINAL IMPROVEMENTS –
HATTERAS & OCRACOKE**

Landside amenities nearing completion in Hatteras & Ocracoke



**FERRY RODANTHE NEW
CONSTRUCTION**

New River Class Ferry – Progress at Shipyard – Bolinger, LA



PASSENGER FERRY FLOATING DOCKS

Installations underway at Hatteras



OCRACOKE EXPRESS PASSENGER FERRY

Passenger Ferry sea trials anticipated Fall 2018

Ferry Division Initiatives

July - December

Fill vacant positions (40 FT)

Develop long range asset management plan

Finalize implementation of new Passenger Ferry Service

Installing Digital Monitors for Traveler Updates

Evaluating implementation of NC Pass for toll routes

Lean Six Sigma Inventory Process Evaluation

Assigning Team to expanding revenue generation

Using Technology to Improve Service

DocuSign - Electronic signature technology and digital transaction management services

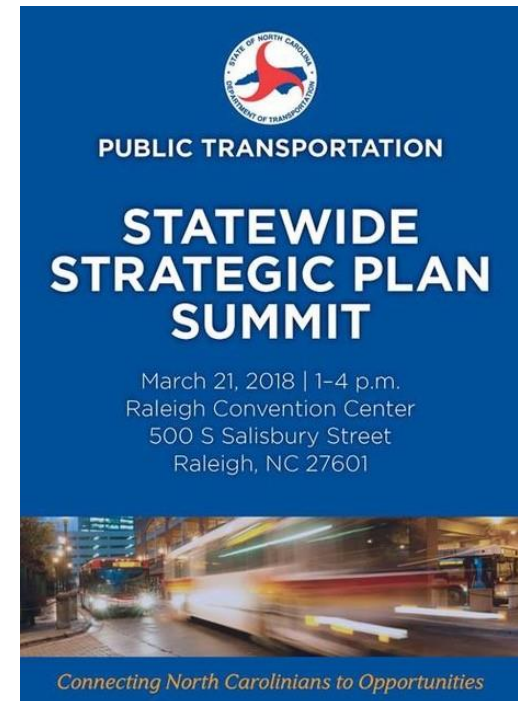
- Facilitates adoption of agreements
 - Old process days for signatures – 60-90 days
 - New process days for signatures – 5 days
 - Best result – same day
- Requiring participation for FY20 funding
- Additional uses – HR hiring action forms, planning study charters
- Next implementation – Oversight documents, including proficiency reviews and safety reviews

Strategic Plan Implementation

Vision: Connecting North Carolinians to Opportunities

Mission: Improve North Carolinians' quality of life by building healthy communities, supporting job creation and economic development and providing equal opportunities so all can thrive

- **March 2018 – Strategic Plan Summit**
- **October 2018 – Strategic plan release including:**
 - **action plan**
 - **implementation recommendations**
 - **financial plan**
- **Already beginning build out of strategic tactics**
- **Focus areas: Housing, planning, commuter study, funding plan**



Rail Division Update



PIEDMONT IMPROVEMENT PROGRAM

Wins SASHTO 2018 "America's Transportation Award" for Operational Excellence



NEW PIEDMONT FREQUENCY

Service began June 4 – four daily round trips between Raleigh and Charlotte



RALEIGH UNION STATION

*Opened for service on July 10.
Wins "Sir Walter Raleigh Award" for Community Appearance*



CHARLOTTE GATEWAY STATION – PHASE 1

Groundbreaking Ceremony held July 20. Charlotte Maintenance Facility completed – Summer 2018

Rail Division Update



Agreement for Construction and Operation Approved – June 27



Seven projects completed. Fourteen additional projects to be awarded at Sept. BOT meeting



\$19.9M TIGER Grant awarded in March



BeRailSafe partnered with Operation Lifesaver and fire, police and rescue departments for exercise

Rail Division Update

- **Positive Train Control hardware installation** on *Piedmont* equipment will be complete Fall 2018. Railroads are PTC ready.
 - Compliance testing and equipment commissioned Fall/early Winter 2018

- **Southeast Corridor – Raleigh to Richmond Service**

- FRA \$1M grant to stand up the Southeast Rail Corridor Commission.
- Statement of work being developed in coordination with VA DRPT and FRA.
- Incremental Service Development Plan underway – Raleigh to Richmond



- Updating the **North Carolina Statewide Rail Plan** for adoption early 2020

- **Safety Initiatives**

- **System Safety Oversight Program** approved by FTA
- **Numerous Grade Crossing Signalization and Closure Projects** completed
- **Trespass Incident Research** continues
- **Training of law enforcement, first responders, school bus drivers and the general public** – more than 1500 trained this year



- **Capital Yard South Lead Track** – will be complete September

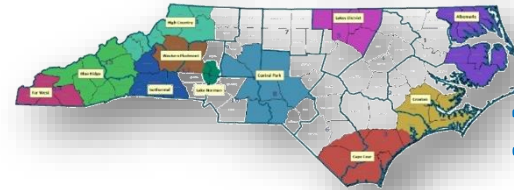
Bicycle Pedestrian Accomplishments

Evaluated



Policy & implementation

Awarded



1 Regional &
10 Local Plans

Published



3 research projects

Coordinated



235 Bike to School Events

A North Carolina Safe Routes to School Project

January - June



Distributed

3,535 youth helmets

Bicycle Pedestrian Initiatives

July - December

Fill vacant positions (3 FT)

Complete division strategic plan

Update complete streets policy & implementation

Launch TAP project delivery process improvement

Update SPOT 6.0 evaluation criteria

Pilot 'micro' planning grants

Launch division annual report

Division of Aviation Update



● N.C. AIRPORT DEVELOPMENT

Administered year one of two-year/
\$115 million commercial service airports
grant program



● DRONE TECHNOLOGY INTEGRATION

USDOT chose NCDOT as one of 10
selectees for drone integration pilot
program – focus is medical and package
delivery in rural and urban areas



● ECONOMIC DEVELOPMENT

Hosted inaugural drone summit, 350-
plus attendees, nationally recognized
speakers

● TRAINING AND EDUCATION

Launched Airport Leadership and
Management curriculum with 60 airport
managers/staff

Division of Aviation Moving Forward



- Releasing report: *2018 North Carolina: The State of Aviation*
- Launching division long-range (five-year) visioning and strategic plans
- Implementing NCDOT-wide drone integration program
- Launching new Airport Economic Development Grant Program
- Hiring Manager of Aviation Business Development to expand the state's aviation economy
- Updating study on economic impact of N.C airports



WORKFORCE COMMITTEE AGENDA

BOARD OF TRANSPORTATION SEPTEMBER 6, 2018

START TIME: Immediately following the full meeting of the Board of Transportation (BOT)

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Ethics Statement Declaration of Quorum	Mike Fox, Chair	5 minutes
Introduction of Workforce Committee	Bobby Lewis, Chief Operating Officer (COO)	30 minutes
Next Steps	Mike Fox, Chair Bobby Lewis, COO All committee members	30 minutes
Adjourn	Mike Fox, Chair	Approximately 11:30am