



**MEETING AGENDA**  
 North Carolina Board of Transportation  
 1 South Wilmington Street, Raleigh, North Carolina 27601  
 February 6-7, 2019

WEDNESDAY, February 6, 2019

10:00 AM – 11:30 AM

FAST Committee	EIC
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10:30 AM – 11:00 AM

Road Naming Committee	Room 160
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1:00 PM – 2:00 PM

WORK SESSION – FULL BOARD ATTENDANCE

ROOM 150

Draft STIP Update	Van Argabright, Director of Planning and Programming
Prioritization 6.0 (P6.0) Update	Jason Schronce, Manager Strategic Prioritization Office (SPOT)
Highway Maintenance Improvement Program (HMIP)	Patrick Norman, Director of Highway Operations
NC Transportation Summit Update	Greer Beaty, Deputy Secretary for Communications
Road Naming Policy Update	Chairman Fox
Product Evaluation Program Awareness Handout	Chairman Fox

2:00 PM – 2:10 PM

BREAK

2:10 PM – 3:30 PM

Highways Committee	Room 150
Multi-Modal Committee	EIC

3:30 PM – 3:40 PM

BREAK

3:40 PM – 5:00 PM

ATC Committee	Room 150
Workforce Committee	EIC

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

THURSDAY, February 7, 2019

9:00AM

Location: Room 150

- Call to Order Chairman Fox
- Ethics Statement Chairman Fox
- Approval of January 10, 2019 Meeting Minutes Chairman Fox
- Road and Bridge Naming Honorary Designations Chairman Fox
- **Secretary's Remarks** Secretary Trogdon
- NC Transportation Summit Recognition Secretary Trogdon

(Item C) Award of Highway Construction Contracts from January 2019 Letting

(Item D) Award of Contracts to Private Firms for Engineering Services

(Item H) Approval of Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development

(Item L) Approval of Funds for Specific Spot Safety Improvement Projects

Action

Chairman Fox

Road Naming Policy: Honorary Naming and Designations of State Transportation Assets/Employee Memorial Program

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-3) Bicycle and Pedestrian
- (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

Committee Reports

Committee Chairs

Other Business

Chairman Fox

Adjourn

Chairman Fox

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

**February 6-7, 2019**

Delegated Authority ..... Secretary Trogon

- (Item C) Award of Highway Construction Contracts from January 2019 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects –  
Highway Fund and Highway Trust Fund **(No Item this Month)**
- (Item H) Funds for Division-wide Small Construction,  
Statewide Contingency, Public Access, and Economic Development
- (Item L) Funds for Specific Spot Safety Improvement Projects

Action ..... Chairman Fox

- (Item G) Additions, Abandonments, and Road Name Changes to State  
Secondary Road System
- (Item I) Public Transportation Program
  - (Item I-1) Public Transportation
  - (Item I-1A) Public Transportation
  - (Item I-2) Rail Program **(No Item this Month)**
  - (Item I-3) Bicycle and Pedestrian
  - (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 **(No Item this Month)**
- (Item V) **(No Item this Month)**

# **NCDOT Board of Transportation Agenda**

## **ITEM C**

### **January 2019**

**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.  
JANUARY 15, 2019  
DIVISION 00005

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C204280  
2020CPT.05.12.10391.1, 2020CPT.05.12.20391.1  
STATE FUNDED  
GRANVILLE

PROPOSAL LENGTH 35.610 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF NC-50, 1 SECTION OF NC-56, AND 13 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..12% OF BID  
FY-2020..88% OF BID

RPN 001 2 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 4,716,411.15

DATE AVAILABLE JUN 01 2019

FINAL COMPLETION JUN 30 2020

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	4,359,967.17	-7.6
S T WOOTEN CORPORATION WILSON, NC	4,530,521.31	-3.9

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00005

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C204279

2020CPT.05.14.10921.1, 2020CPT.05.14.10922.1, 2020CPT.05.14.20921.1, 5C.092140

STATE FUNDED

WAKE

PROPOSAL LENGTH 28.780 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF NC-39, US-264A, AND US-64, AND 82 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..12% OF BID  
FY-2020..88% OF BID

RPN 002

2 BIDDER(S)

DBE GOAL 9.00 %

ESTIMATE 5,221,096.17

DATE AVAILABLE JUN 01 2019

INTER COMPLETION NOV 15 2019 COMPLETE ALL WORK REQUIRED OF MAPS #3 & #86

FINAL COMPLETION JUN 30 2020

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	5,006,687.54	-4.1
S T WOOTEN CORPORATION WILSON, NC	5,261,723.26	+0.8

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HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 JANUARY 15, 2019  
 DIVISION 00005

C204285  
 45632.3.1  
 STATE FUNDED  
 GRANVILLE  
 B-5677

PROPOSAL LENGTH 0.146 MILES

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

LOCATION BRIDGE NO. 42 OVER LEDGE CREEK ON SR-1724 NORTHSIDE ROAD.

EST CONST PROGRESS.... FY-2019..76% OF BID  
 FY-2020..24% OF BID

RPN 003                      6 BIDDER(S)              DBE GOAL 5.00 %  
ESTIMATE 1,127,333.76

DATE AVAILABLE              FEB 25 2019  
 INTER COMPLETION          SEP 15 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
 PERMANENT VEGETATION ESTABLISHMENT  
 FINAL COMPLETION          MAR 13 2020

	\$ TOTALS	% DIFF
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,064,809.81	-5.5
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,065,000.00	-5.5
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC.	1,113,993.90	-1.2
DANE CONSTRUCTION INC MOORESVILLE, NC	1,121,968.50	-0.5
CONTI ENTERPRISES, INC EDISON, NJ	1,161,757.00	+3.1
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	1,359,864.12	+20.6

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00005

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C204270  
17BP.5.C.02, 50166.3.1  
STATE FUNDED  
DURHAM  
U-5745

PROPOSAL LENGTH 0.142 MILES

TYPE OF WORK GRADING, PAVING, AND DRAINAGE.

LOCATION INTERSECTION IMPROVEMENTS (ROUNDBOUT) AT NC-751 HOPE VALLEY ROAD AND  
SR-1183 UNIVERSITY DRIVE IN DURHAM.

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

RPN 004 3 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 2,239,928.19

DATE AVAILABLE FEB 25 2019

INTER COMPLETION NOV 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 01 2020 COMPLETE ALL WORK REQUIRED FOR 17BP.5.C.02 90 DAYS AFTER STARTING

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	2,271,302.32	+1.4
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,462,642.00	+9.9
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	3,333,872.58	+48.8

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00005

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C204277  
53074.3.1  
NHP-0040(084)  
WAKE  
I-5873

PROPOSAL LENGTH 0.612 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND BRIDGE REHAB.

LOCATION I-40 AT NC-54 INTERCHANGE IN RALEIGH - RAMP WIDENING.

EST CONST PROGRESS.... FY-2019..71% OF BID  
FY-2020..29% OF BID

RPN 005 3 BIDDER(S) DBE GOAL 10.00 %  
ESTIMATE 2,838,804.73

DATE AVAILABLE FEB 25 2019

INTER COMPLETION OCT 01 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABISHMENT

FINAL COMPLETION APR 01 2020

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	2,716,343.55	-4.3
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,825,282.00	-0.5
ARCHER WESTERN CONSTRUCTION LLC RALEIGH, NC	3,363,263.25	+18.5

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00006

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C204273  
48204.3.1  
BRZ-2030(002)  
HARNETT, CUMBERLAND  
B-6005, B-6009

PROPOSAL LENGTH 0.169 MILES

TYPE OF WORK BRIDGE REPLACEMENTS.

LOCATION 2 BRIDGES IN CUMBERLAND COUNTY AND 1 BRIDGE IN HARNETT COUNTY.

EST CONST PROGRESS.... FY-2019..10% OF BID  
FY-2020..80% OF BID  
FY-2021..10% OF BID

RPN 016 3 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 2,586,705.00

DATE AVAILABLE FEB 25 2019

FINAL COMPLETION OCT 01 2020

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	1,996,900.00	-22.8
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	2,212,720.00	-14.5
T A LOVING COMPANY GOLDSBORO, NC	2,670,600.00	+3.2

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00006

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C204272  
48202.3.1  
BRZ-2269(002)  
BLADEN, ROBESON, COLUMBUS  
B-6004, B-6006, B-6007, B-6008

PROPOSAL LENGTH 0.249 MILES

TYPE OF WORK BRIDGE REPLACEMENTS

LOCATION 2 BRIDGES IN BLADEN COUNTY, 1 BRIDGE IN COLUMBUS COUNTY, AND 1 BRIDGE IN ROBESON COUNTY.

EST CONST PROGRESS.... FY-2019..10% OF BID  
FY-2020..55% OF BID  
FY-2021..34% OF BID  
FY-2022..01% OF BID

RPN 017 3 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 3,688,155.00

DATE AVAILABLE FEB 25 2019

FINAL COMPLETION AUG 01 2021

	\$ TOTALS	% DIFF
THE TARA GROUP OF LUMBERTON INC LUMBERTON, NC	2,745,918.00	-25.5
S & C CONSTRUCTION LLC WILMINGTON, NC	3,149,521.00	-14.6
ES WAGNER COMPANY LLC PIEDMONT, SC	3,233,822.66	-12.3

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00009

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C204241  
50466.3.1  
NHPP-0040(033)  
DAVIE  
I-5823

PROPOSAL LENGTH 6.551 MILES

TYPE OF WORK GRADING, DRAINAGE, STRUCTURES, PAVEMENT REHAB & BRIDGE PRES.

LOCATION I-40 FROM 0.3 MILES EAST OF IREDELL COUNTY LINE TO 0.5 MILES WEST OF US-601.

EST CONST PROGRESS.... FY-2019..15% OF BID  
FY-2020..39% OF BID  
FY-2021..28% OF BID  
FY-2022..18% OF BID

RPN 006 2 BIDDER(S) DBE GOAL 9.00 %  
ESTIMATE 48,031,602.28

DATE AVAILABLE FEB 25 2019

INTER COMPLETION JUL 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

NOV 15 2020 COMPLETE ALL WORK REQUIRED PHASE III, STEPS 1-4

NOV 15 2021 COMPLETE ALL WORK REQUIRED PHASE III, STEPS 5-8

FINAL COMPLETION DEC 28 2022

	\$ TOTALS	% DIFF
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	55,641,353.85	+15.8
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	55,787,659.90	+16.1



HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00011

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C204235  
15BPR.32  
STATE FUNDED  
WATAUGA, AVERY

PROPOSAL LENGTH 0.032 MILES

TYPE OF WORK CULVERT PRESERVATION

LOCATION US-321 OVER LAUREL CREEK, SR-1545 OVER GRANDMOTHER CREEK, AND SR-1545 OVER BEECH CREEK.

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

RPN 007 4 BIDDER(S) DBE GOAL 0%

ESTIMATE 735,942.50

DATE AVAILABLE APR 15 2019

FINAL COMPLETION OCT 01 2019

	\$ TOTALS	% DIFF
COASTAL GUNITE CONSTRUCTION COMPANY CAMBRIDGE, MD	459,618.00	-37.5
PROSHOT CONCRETE INC FLORENCE, AL	686,560.00	-6.7
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	915,620.00	+24.4
SMITH-ROWE, LLC MOUNT AIRY, NC	1,032,446.18	+40.3

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00012

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C204287

2019CPT.12.01.10231, 2019CPT.12.01.20231

STATE FUNDED

CLEVELAND

PROPOSAL LENGTH 38.070 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF NC-18, 1 SECTION OF NC-180,1 SECTION OF NC-182, 1 SECTION OF NC-226,  
AND 20 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..58% OF BID  
FY-2020..42% OF BID

RPN 008

3 BIDDER(S)

DBE GOAL 5.00 %

ESTIMATE 7,333,293.66

DATE AVAILABLE MAR 15 2019

FINAL COMPLETION NOV 15 2019

	\$ TOTALS	% DIFF
ASPHALT PAVING OF SHELBY INC SHELBY, NC	6,568,115.43	-10.4
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC.	8,073,871.84	+10.1
ROGERS GROUP INC NASHVILLE, TN	9,063,594.46	+23.6

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00012

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C204292  
2019CPT.12.05.10181, 2019CPT.12.05.20181  
STATE FUNDED  
CATAWBA

PROPOSAL LENGTH 40.289 MILES

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

LOCATION 1 SECTION OF NC-127, 1 SECTION OF NC-10, 3 SECTIONS OF NC-16 BUS, AND 26 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..61% OF BID  
FY-2020..39% OF BID

RPN 009 1 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 7,090,914.44

DATE AVAILABLE MAR 01 2019

INTER COMPLETION AUG 23 2019 COMPLETE ALL WORK REQUIRED FOR MAP #22

FINAL COMPLETION NOV 15 2019

J T RUSSELL & SONS INC ALBEMARLE, NC \$ TOTALS % DIFF  
8,751,990.15 +23.4

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00013

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C204288

2020CPT.13.01.10111, 2020CPT.13.01.10112, 2020CPT.13.01.20111, 2020CPT.13.01.20112

STATE FUNDED

BUNCOMBE

PROPOSAL LENGTH 98.430 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF US-25, NC-112, US-19/US-23BUS, NC-191, NC-9, NC-151 & NC-197 AND  
106 SECTIONS OF SECONDARY ROADS.

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

FY-2020..65% OF BID

FY-2021..08% OF BID

RPN 010

2 BIDDER(S)

DBE GOAL 6.00 %

ESTIMATE 14,292,212.67

DATE AVAILABLE MAR 15 2019

FINAL COMPLETION OCT 01 2020

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	15,309,217.37	+7.1
ROGERS GROUP INC NASHVILLE, TN	17,747,403.67	+24.2

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00013

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C204289  
2020CPT.13.02.10121, 2020CPT.13.02.20121, 2020CPT.13.02.20122  
STATE FUNDED  
BURKE

PROPOSAL LENGTH 67.831 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 4 SECTIONS OF US-64, 1 SECTION OF NC-114, 2 SECTIONS OF NC-181, AND 62 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..27% OF BID  
FY-2020..65% OF BID  
FY-2021..08% OF BID

RPN 011 2 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 7,375,597.51

DATE AVAILABLE MAR 15 2019

FINAL COMPLETION OCT 01 2020

	\$ TOTALS	% DIFF
MAYMEAD INC MOUNTAIN CITY, TN	7,448,901.41	+1.0
J T RUSSELL & SONS INC ALBEMARLE, NC	7,843,145.56	+6.3

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JANUARY 15, 2019  
DIVISION 00013

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C204290  
2020CPT.13.06.10811, 2020CPT.13.06.20811, 2020CPT.13.06.20812  
STATE FUNDED  
RUTHERFORD

PROPOSAL LENGTH 67.930 MILES  
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.  
LOCATION 6 SECTIONS OF US-74W AND 54 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..27% OF BID  
FY-2020..65% OF BID  
FY-2021..08% OF BID

RPN 012 2 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 10,382,803.51

DATE AVAILABLE MAR 15 2019  
FINAL COMPLETION OCT 01 2020

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	10,088,148.68	-2.8
ROGERS GROUP INC NASHVILLE, TN	10,129,454.76	-2.4

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HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 JANUARY 15, 2019  
 DIVISION 00013

C204242  
 46410.3.1  
 NHPIM-0040(063)  
 BUNCOMBE  
 I-5890

PROPOSAL LENGTH 12.696 MILES

TYPE OF WORK PAVEMENT REHABILITATION AND BRIDGE PRESERVATION.

LOCATION I-40 MILE MARKER 55 TO MILE MARKER 67.5.

EST CONST PROGRESS.... FY-2019..26% OF BID  
 FY-2020..63% OF BID  
 FY-2021..11% OF BID

RPN 013                      2 BIDDER(S)              DBE GOAL 8.00 %  
 ESTIMATE 25,349,896.70

DATE AVAILABLE              MAR 15 2019

FINAL COMPLETION              OCT 30 2020

	\$ TOTALS	% DIFF
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	28,673,994.07	+13.1
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	28,800,556.80	+13.6

	ESTIMATE TOTAL	143,010,697.27
	LETTING TOTAL	153,103,267.35              +7.1

**NCDOT February 2019  
Board of Transportation Agenda**

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

**Professional Services Management**

**Chief Operating Officer**

**Division of Planning & Programming - Feasibility Studies 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 Feasibility Studies on an as needed basis for various federal-aid and state funded projects to support the Feasibility Studies Unit. These contracts will expire February 9, 2020, with one (1) optional one-year extension, 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 Feasibility Studies (Additional Firms) LSC  
Firm: A. Morton Thomas & Associates Inc, Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Arcadis G&M of North Carolina, Inc., Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: ATCS PLLC, Herndon, VA  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Clark Patterson Engineers, Surveyor, Architects and Landscape Architect, D. P. C., Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Dewberry Engineers Inc, Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

**February 7, 2019**



Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Gannett Fleming Inc, Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Gresham Smith Thru Its Affiliate Company GS/NC,  
P.C., Charlotte, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Greenman-Pedersen Inc, Scranton, PA  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Kisinger Campo & Associates Corp, Tampa, FL  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Kittelson & Associates Inc, Portland, OR  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: LJB Inc, Miamisburg, OH  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 100%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Mattern & Craig Inc, Asheville, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 100%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: McCormick Taylor, Inc., Baltimore, MD  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Mead & Hunt Inc, Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Moffatt & Nichol Incorporated, Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: MS Consultants Inc, Youngstown, OH  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Parsons Transportation Group, Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Pinecone Transportation Professionals PLLC, Fuquay-  
Varina, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 100%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Ramey Kemp & Associates, Inc., Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 100%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Stewart, Philadelphia, PA  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Timmons Group Inc, Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Wetherill Engineering, Inc., Raleigh, NC  
Maximum Engineering Fee: \$3,000,000.00  
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Whitman Requardt and Associates LLP, Baltimore, MD  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

Description of Work: 2019 Feasibility Studies (Additional Firms) LSC  
Firm: Wood Environment & Infrastructure Solutions Inc,  
Alpharetta, GA  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: 0%

### Chief Engineer

### Deputy Chief Engineer

#### Design-Build

The Secretary of Transportation awarded a Design-Build contract in November 2018 to the NC 540 – Triangle Expressway Southeast Extension from east of US 401 (Fayetteville Road) to east of I-40 in Wake and Johnston Counties, a distance of 8.617 miles. The project was awarded to Lane-Blythe JV. 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: (35516.1.TA1) (R-2828)  
Firm: The Archer-United JV, Raleigh, NC  
Stipend Amount: \$350,000.00  
SPSF Utilization: 0%

Project: (35516.1.TA1) (R-2828)  
Firm: Zachry-S.T. Wooten-Wright Brothers JV, Morrisville, NC  
Stipend Amount: \$350,000.00  
SPSF Utilization: 0%

#### Design-Build

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

Project: (35869.3.1 & 35868.3.4) (U-2719 / U-4437)  
Firm: S T Wooten Corporation, Wilson, NC  
Stipend Amount: \$125,000.00  
SPSF Utilization: 0%

## Field Support

### Right of Way Unit

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Right of Way Services on an as needed basis for various federal-aid and state funded projects to support the Right of Way Unit. These contracts will expire two (2) years, with an optional one (1) year extension, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

#### STATEWIDE

Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE Utilization:	A1 Consulting Group, Inc. 2% / \$100,000.00
DBE/WBE Utilization:	Abatemaster Inc 2% / \$100,000.00
DBE/WBE/SPSF Utilization:	Double D Construction Services Inc 2% / \$100,000.00
DBE/MBE Utilization:	Hearns Real Estate Solutions LLC 5% / \$250,000.00
SPSF Utilization:	North by Northwest Consulting Inc 5% / \$250,000.00
SPSF Utilization:	Stewart Martin & McCoy LLC 1% / \$50,000.00
SPSF Utilization:	The Right of Way Group LLC 5% / \$250,000.00
DBE/MBE/SPSF Utilization:	Vistabution LLC 2% / \$100,000.00
Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	American Acquisition Group LLC, Tampa, FL
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	The Right of Way Group LLC 10% / \$1,000,000.00
DBE/WBE Utilization:	Abatemaster Inc 10% / \$1,000,000.00
DBE/WBE/SPSF Utilization:	Double D Construction Services Inc 10% / \$1,000,000.00
Description of Work:	2019 Statewide Right of Way Services LSC
Firm:	Atkins North America Inc, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	North by Northwest Consulting Inc 20% / \$1,000,000.00
DBE/MBE/SPSF Utilization:	Vistabution LLC 30% / \$1,500,000.00

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Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: The Bernard Johnson Group Inc, San Diego, CA  
Maximum Engineering Fee: \$5,000,000.00  
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Carolina Land Acquisitions Inc, Zebulon, NC  
Maximum Engineering Fee: \$10,000,000.00  
SPSF Utilization: 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Florida Acquisition & Appraisal Inc, Tampa, FL  
Maximum Engineering Fee: \$3,000,000.00  
DBE/MBE Utilization: Hearn Real Estate Solutions LLC  
30% / \$900,000.00  
DBE/WBE Utilization: Abatemaster Inc  
15% / \$450,000.00  
DBE/WBE/SPSF Utilization: Double D Construction Services Inc  
15% / \$450,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Gulf Coast, LLC, Charlotte, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL  
Maximum Engineering Fee: \$10,000,000.00  
SPSF Utilization: Carolina Land Acquisitions Inc  
5% / \$500,000.00  
DBE/MBE Utilization: Marley Trucking & Demolition Inc  
5% / \$500,000.00  
SPSF Utilization: Stewart Martin & McCoy LLC  
5% / \$500,000.00  
DBE/MBE/SPSF Utilization: Vistabution LLC  
5% / \$500,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Hearn Real Estate Solutions LLC, Charlotte, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/MBE Utilization: 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Maser Consulting PA, Red Bank, NJ  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization: Integra Realty Resources-Charlotte  
20% / \$600,000.00  
DBE/MBE/SPSF Utilization: Vistabution LLC  
5% / \$150,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: North State Acquisitions, LLC, Albemarle, NC  
Maximum Engineering Fee: \$3,000,000.00  
SPSF Utilization : 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: O. R. Colan Associates LLC, Charlotte, NC  
Maximum Engineering Fee: \$10,000,000.00  
DBE/WBE/SPSF Utilization: Double D Construction Services Inc  
5% / \$500,000.00  
DBE/MBE Utilization: A1 Consulting Group, Inc.  
20% / \$2,000,000.00  
SPSF Utilization: North by Northwest Consulting Inc  
5% / \$500,000.00  
DBE/MBE/SPSF Utilization: Vistabution LLC  
10% / \$1,000,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Oak City Acquisitions & Land Development Inc,  
Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/WBE Utilization: Abatemaster Inc  
4% / \$200,000.00  
SPSF Utilization: Carolina Land Acquisitions Inc  
5% / \$250,000.00  
DBE/WBE/SPSF Utilization: Double D Construction Services Inc  
4% / \$200,000.00  
DBE/MBE Utilization: Hearn's Real Estate Solutions LLC  
5% / \$250,000.00  
SPSF Utilization: Integra Realty Resources-Charlotte  
3% / \$150,000.00  
DBE/MBE Utilization: Piedmont Realtors LLC  
5% / \$250,000.00  
SPSF Utilization: Stewart Martin & McCoy LLC  
3% / \$150,000.00  
DBE/WBE/SPSF Utilization: T&T Abatement Contractor Services Inc  
4% / \$200,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Omega One Properties Inc, Thonotosassa, FL  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: The Right of Way Group LLC  
10% / \$500,000.00  
DBE/WBE Utilization: Abatemaster Inc  
5% / \$250,000.00  
DBE/WBE/SPSF Utilization: Double D Construction Services Inc  
5% / \$250,000.00  
SPSF Utilization: North by Northwest Consulting Inc  
5% / \$250,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Percheron LLC, Katy, TX  
Maximum Engineering Fee: \$5,000,000.00  
DBE/MBE Utilization: Hearn Real Estate Solutions LLC  
2% / \$100,000.00  
SPSF Utilization: Integra Realty Resources-Charlotte  
5% / \$250,000.00  
SPSF Utilization: North by Northwest Consulting Inc  
2% / \$100,000.00  
DBE/WBE/SPSF Utilization: T&T Abatement Contractor Services Inc  
2% / \$100,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Professional Property Services Inc, Cornelius, NC  
Maximum Engineering Fee: \$10,000,000.00  
DBE/WBE Utilization: Abatemaster Inc  
5% / \$500,000.00  
DBE/WBE/SPSF Utilization: Double D Construction Services Inc  
1% / \$100,000.00  
DBE/MBE/SPSF Utilization: Vistabution LLC  
10% / \$1,000,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Premier Design Builders, Inc, Kernersville, NC  
Maximum Engineering Fee: \$3,000,000.00  
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: The Right of Way Group LLC, Lumberton, NC  
Maximum Engineering Fee: \$5,000,000.00  
SPSF Utilization: 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Right of Way Consultants LLC, Winston-Salem, NC  
Maximum Engineering Fee: \$10,000,000.00  
DBE/WBE/SPSF Utilization: Double D Construction Services Inc  
5% / \$500,000.00  
DBE/MBE Utilization: QOR Group LLC  
5% / \$500,000.00  
DBE/WBE Utilization: Abatemaster Inc  
5% / \$500,000.00  
SPSF Utilization: Integra Realty Resources-Charlotte  
5% / \$500,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Southeastern Right of Way LLC, Wilmington, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: TELICS, Pineville, NC  
Maximum Engineering Fee: \$10,000,000.00  
DBE/WBE Utilization: Abatemaster Inc  
1% / \$100,000.00  
DBE/WBE/SPSF Utilization: Double D Construction Services Inc  
1% / \$100,000.00  
SPSF Utilization: Integra Realty Resources-Charlotte  
8% / \$800,000.00  
DBE/WBE/SPSF Utilization: T&T Abatement Contractor Services Inc  
1% / \$100,000.00  
DBE/WBE/SPSF Utilization: Southeastern Right of Way LLC  
8% / \$800,000.00  
DBE/MBE/SPSF Utilization: Vistabution LLC  
2% / \$200,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: THC Inc, Lawrenceville, GA  
Maximum Engineering Fee: \$10,000,000.00  
DBE/MBE/SPSF Utilization: Vistabution LLC  
2% / \$200,000.00  
DBE/WBE Utilization: Abatemaster Inc  
2% / \$200,000.00  
SPSF Utilization: Integra Realty Resources-Charlotte  
10% / \$1,000,000.00



Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Vaughn & Melton Consulting Engineers Inc, Asheville, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/MBE Utilization: A1 Consulting Group, Inc.  
5% / \$250,000.00  
DBE/MBE Utilization: Hearn Real Estate Solutions LLC  
5% / \$250,000.00  
DBE/MBE/SPSF Utilization: Vistabution LLC  
5% / \$250,000.00  
SPSF Utilization: North by Northwest Consulting Inc  
15% / \$750,000.00  
SPSF Utilization: Integra Realty Resources-Charlotte  
10% / \$500,000.00

Description of Work: 2019 Statewide Right of Way Services LSC  
Firm: Vistabution LLC, Raleigh, NC  
Maximum Engineering Fee: \$5,000,000.00  
DBE/MBE/SPSF Utilization: 100%

## Divisions

### Division 10

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

### DIVISION 10

Description of work: 2018 Western Divisions' Planning & Design  
Engineering Services Consultant (P&DSC) and  
General Engineering Services Consultant (GESC) LSC  
Firm: STV Engineers, Inc., Charlotte, NC  
Original Engineering Fee: \$2,000,000.00  
Supplemental Fee: \$3,000,000.00  
DBE/MBE/SPSF Utilization: Baseline Mobility Group Inc  
1% / \$30,000.00  
SPSF Utilization: Carolina Land Acquisitions Inc  
2% / \$60,000.00  
DBE/WBE/SPSF Utilization: CH Engineering PLLC  
2% / \$60,000.00  
SPSF Utilization: Progressive Design Group, Inc.  
2% / \$60,000.00  
DBE/WBE Utilization: Three Oaks Engineering  
1% / \$30,000.00  
DBE/WBE/SPSF Utilization: Mattson, Alexander and Associates, Inc.  
1% / \$30,000.00

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**Divisions - Statewide**

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

**STATEWIDE**

Description of work:	2017 Statewide On-Call CEI Services LSC
Firm:	Summit Design and Engineering Services PLLC, Hillsborough, NC
Original Engineering Fee:	\$15,000,000.00
Previous Supplemental Fee:	\$20,000,000.00
Supplemental Fee:	\$5,000,000.00
SPSF Utilization:	0%

**Technical Services**

**Environmental Analysis Unit**

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

**STATEWIDE**

Description of Work:	2017 Archaeological Investigations LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Original Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Seramur & Associates PC 5% / \$50,000.00

Description of Work:	2017 Archaeological Investigations LSC
Firm:	Archaeological Consultants of the Carolinas Inc, Clayton, NC
Original Engineering Fee:	\$750,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2017 Archaeological Investigations LSC
Firm:	Commonwealth Heritage Group Inc, Tarboro, NC
Original Engineering Fee:	\$1,250,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2017 Archaeological Investigations LSC
Firm:	Environmental Corporation of North Carolina, Inc., Asheville, NC
Original Engineering Fee:	\$750,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Archaeological Investigations LSC
Firm:	Environmental Services Inc, Raleigh, NC
Original Engineering Fee:	\$1,250,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization :	100%
Description of Work:	2017 Archaeological Investigations LSC
Firm:	Johnson Mirmiran & Thompson Inc, Hunt Valley, MD
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Seramur & Associates PC 5% / \$25,000.00
Description of Work:	2017 Archaeological Investigations LSC
Firm:	Legacy Research Associates, Durham, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2017 Archaeological Investigations LSC
Firm:	New South Associates Inc, Stone Mountain, GA
Original Engineering Fee:	\$1,750,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2017 Archaeological Investigations LSC
Firm:	Stantec Consulting Services Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2017 Archaeological Investigations LSC
Firm:	S&ME Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2017 Archaeological Investigations LSC
Firm:	The Louis Berger Group Inc, Morristown, NJ
Original Engineering Fee:	\$750,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Seramur & Associates PC 10% / \$100,000.00

Description of Work: 2017 Archaeological Investigations LSC  
Firm: TRC Environmental Corporation, Pittsburgh, PA  
Original Engineering Fee: \$1,750,000.00  
Supplemental Fee: \$1,000,000.00  
DBE/WBE/SPSF Utilization: New South Associates Inc  
1% / \$10,000.00

### Environmental Analysis Unit

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

#### STATEWIDE

Description of work: 2018 Historic Architectural and Historic Landscape Analyses LSC  
Firm: ACME Preservation Services LLC, Asheville, NC  
Original Engineering Fee: \$500,000.00  
Supplemental Fee: \$2,500,000.00  
SPSF Utilization: 100%

Description of work: 2018 Historic Architectural and Historic Landscape Analyses LSC  
Firm: AECOM Technical Services of North Carolina Inc, Chicago, IL  
Original Engineering Fee: \$500,000.00  
Supplemental Fee: \$2,500,000.00  
SPSF Utilization: 0%

Description of work: 2018 Historic Architectural and Historic Landscape Analyses LSC  
Firm: Calyx Engineers and Consultants Inc, Raleigh, NC  
Original Engineering Fee: \$500,000.00  
Supplemental Fee: \$2,500,000.00  
SPSF Utilization: 0%

Description of work: 2018 Historic Architectural and Historic Landscape Analyses LSC  
Firm: Cardno Inc, Dallas, TX  
Original Engineering Fee: \$250,000.00  
Supplemental Fee: \$1,500,000.00  
SPSF Utilization: 0%

Description of work: 2018 Historic Architectural and Historic Landscape Analyses LSC  
Firm: Commonwealth Heritage Group Inc, Tarboro, NC  
Original Engineering Fee: \$250,000.00  
Supplemental Fee: \$1,500,000.00  
SPSF Utilization: 100%

Description of work: 2018 Historic Architectural and Historic Landscape  
Analyses LSC  
Firm: Cultural Resource Analysts, Inc., Lexington, KY  
Original Engineering Fee: \$300,000.00  
Supplemental Fee: \$1,500,000.00  
SPSF Utilization: 100%

Description of work: 2018 Historic Architectural and Historic Landscape  
Analyses LSC  
Firm: Dovetail Cultural Resource Group, Fredericksburg, VA  
Original Engineering Fee: \$350,000.00  
Supplemental Fee: \$1,500,000.00  
DBE/WBE/SPSF Utilization: 100%

Description of work: 2018 Historic Architectural and Historic Landscape  
Analyses LSC  
Firm: Mattson, Alexander and Associates, Inc.,  
Charlotte, NC  
Original Engineering Fee: \$500,000.00  
Supplemental Fee: \$2,500,000.00  
DBE/WBE/SPSF Utilization: 100%

Description of work: 2018 Historic Architectural and Historic Landscape  
Analyses LSC  
Firm: MdM Historical Consultants Inc, Durham, NC  
Original Engineering Fee: \$500,000.00  
Supplemental Fee: \$2,500,000.00  
DBE/WBE Utilization: 100%

Description of work: 2018 Historic Architectural and Historic Landscape  
Analyses LSC  
Firm: Mead & Hunt Inc, Raleigh, NC  
Original Engineering Fee: \$300,000.00  
Supplemental Fee: \$2,500,000.00  
SPSF Utilization: 0%

Description of work: 2018 Historic Architectural and Historic Landscape  
Analyses LSC  
Firm: New South Associates Inc, Stone Mountain, GA  
Original Engineering Fee: \$500,000.00  
Supplemental Fee: \$1,500,000.00  
DBE/WBE/SPSF Utilization: 100%

Description of work: 2018 Historic Architectural and Historic Landscape  
Analyses LSC  
Firm: S&ME Inc, Raleigh, NC  
Original Engineering Fee: \$350,000.00  
Supplemental Fee: \$1,500,000.00  
SPSF Utilization: 0%

Description of work: 2018 Historic Architectural and Historic Landscape  
Analyses LSC  
Firm: The Louis Berger Group Inc, Morristown, NJ  
Original Engineering Fee: \$250,000.00  
Supplemental Fee: \$1,500,000.00  
SPSF Utilization: 0%

### Turnpike Authority

#### Turnpike Authority

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: 2015-2018 Toll Operation Services LSC  
Firm: HNTB of North Carolina PC, Raleigh, NC  
Original Engineering Fee: \$3,000,000.00  
Previous Supplemental Fee: \$8,500,000.00  
Supplemental Fee: \$3,000,000.00  
SPSF Utilization: 0%

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

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: \$4,000,000.00  
Supplemental Fee: \$1,500,000.00  
SPSF Utilization: Forge Communications LLC  
5% / \$75,000.00

**END of ITEM D.**

**NCDOT FEBRUARY 2019 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**

There will be no Secondary Road Improvement projects submitted to the Board for approval at the February 2019 Board meeting.

## NCDOT February 2019 Board of Transportation Agenda

### Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
<b>Division 2</b>				
Craven	51775	0.14	<b>River Bluffs</b> Stillwood Court	11/1/18
Pitt	51776	0.38 0.12 0.06 0.16 0.03 0.12	<b>Brandy Creek South</b> Brandy Brook Drive Blackberry Drive Horizon Court Copter Court Dawn Court Hencye Drive	8/16/18
<b>Division 4</b>				
Johnston	51777	0.08	<b>Northlodge</b> Northlodge Court	11/5/18
<b>Division 5</b>				
Granville	51778	0.24 0.24 0.08	<b>Fieldstone West</b> West Stone Drive Belmont Circle Stoneway Court	12/4/18
Granville	51779	0.80 0.12 0.06 0.09 0.11 0.14	<b>Ironwood</b> Ironwood Drive River Run Court Rapids Court River Jump Lane River Club Way Ripple Court	12/3/2018
Wake	51780	0.49 0.08	<b>Cold Springs Estates</b> Extend SR 3641, Cold Springs Road Clear Springs Court	10/31/18
Wake	51781	0.23 0.06	<b>Mount Vernon Crossing</b> Extend SR 4980, Bowling Green Trail Cherry Tree Court	8/7/17
<b>Division 6</b>				
Harnett	51789	0.23	Extend SR 2000, Wade Stewart Circle	11/30/18



## NCDOT February 2019 Board of Transportation Agenda

### Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
<b>Division 7</b>				
Alamance	51782	0.10	<b>Stonehaven</b> Extend SR 2272, Country Club Trail	11/14/18
		0.06	Extend SR 2273, Pebble Drive	
		0.08	Gemstone Court	
		0.06	Greystone Drive	
Guilford	51783	0.15	<b>Bradford Place</b> Bradford Place Court	9/4/18
Orange	51784	0.13	Extend SR 1727, Eubanks Road	11/19/16
<b>Division 9</b>				
Forsyth	51785	0.10	<b>Rivergate</b> Extend SR 3430, Misty Hill Circle	11/30/18
		0.14	Midstream Circle	
Forsyth	51786	0.12	<b>Sunny Brook</b> Moseley Drive	12/5/18
		0.12	Queens Gate Court	
<b>Division 11</b>				
Caldwell	51787	0.40	<b>Zack's Farm</b> Zack's Farm Road	1/7/19
<b>Division 12</b>				
Iredell	51788	0.13	<b>Lone Pine Meadows</b> Portman Lane	11/8/18
		0.16	Lonehart Lane	

## NCDOT February 2019 Board of Transportation Agenda

### Abandonments from the State Highway System:

County	Pet. No.	Length Abandoned (Miles)	Description	Date of Report
<b>Division 6</b> Harnett	51790	0.20	Portion of SR 2000, Wade Stewart Circle	11/30/18
<b>Division 7</b> Orange	51791	0.12	Portion of SR 1727, Eubanks Road	11/19/16
<b>Division 13</b> Burke	51792	0.13	Portion of SR 1194, Old Jamestown Road	12/17/18

**Summary:**                    **Number of roads petitioned for addition – 35**  
**Number of roads petitioned for abandonment - 3**

### Minutes Corrections:

County	Requested Action
None	None

### Mileage Corrections:

County	Requested Action
Ashe	SR 1332 – Lee Osborne Road - Correct the total length of state maintenance to 2.88 miles total. End of Maintenance is located 1.62 miles west of SR 1339.
Cabarrus	SR 3051 – Caldwell Park Drive Extension –Correct the length added through petition 51175 on 9/8/2016 from 0.58 miles to 0.33 miles.

**NCDOT FEBRUARY 2019 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.

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 9 Rowan	WBS 47727 was established (01/18) for installation of Curb and Gutter and drainage improvements of US 52 at Church Street in Granite Quarry Increase & close	Contingency  TOTAL	\$30,180.81  \$30,180.81
Div 14 Graham	Town of Robbinsville – WBS 48279 was established (09/18) to install a trench drain between Hosanna St and Snider Hill St and pipe across S Main St to existing box Increase funds	Small Construction  TOTAL	\$63,720.43  \$63,720.43
Div 19 Statewide	WBS 72.1000 was established (06/16) for paving drives from state-maintained roads to bay doors of fire and rescue facilities [N.C.G.S. 136-18(24)] Increase funds	Public Access  TOTAL	\$46,135.58  \$46,135.58

**Correction:**

Div 11, Yadkin County – WBS 44462 was established (06/15) for widening, drainage improvements, and improve radii on SR 1367 (River Rd) near NC-67 (East Main St) in Boonville to provide truck access to a new facility; County was listed as Surry on the January 2019 Agenda but, should have been listed as Yadkin

<b>Summary:</b>	<b>Number of Divisions</b>	<b>3</b>
	<b>Number of Projects</b>	<b>3</b>
	<b>Small Construction Commitment</b>	<b>\$63,720.43</b>
	<b>Public Access Commitment</b>	<b>\$46,135.58</b>
	<b>Contingency Commitment</b>	<b>\$30,180.81</b>
	<b>Economic Development Commitment</b>	<b>\$0.00</b>
	<b>High Impact/Low Cost Commitment</b>	<b>\$0.00</b>
	<b>TOTAL:</b>	<b>\$140,036.82</b>

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

Highway Division	5311 Community Transportation	Estimated Project Cost
7	<b>20-CT-058 Aging, Disability &amp; Transit Services</b> will use Administrative funds to manage public transportation services for citizens in the provider's service. Expenses that will be charged to the grant are salaries & fringe benefits for two (2) full time administrative positions, drug & alcohol tests for 35 employees, janitorial supplies and uniforms for operators, office supplies, air conditioner/furnace filters for the transit office, computer supplies, a fire extinguisher charging system, postage, printing & reproduction of materials, utilities, office supplies, employee training & education material and advertising & promotional items such as transit guides & brochures. (1000007133)	<p align="center"><b>Administrative</b></p> Total \$281,089 Federal \$224,871 State \$14,054 Local \$42,164
7	<b>20-CT-041 Alamance County Transportation</b> will use Administrative money to fund salaries and fringe benefits for five (5) full time positions, postage, transit facility utilities and monthly revolving expenses, rent, marketing & promotional items, dues, subscriptions, uniforms for operators, janitorial supplies, training and educational materials for employees. (1000006800).	<p align="center"><b>Administrative</b></p> Total \$196,989 Federal \$157,591 State \$9,849 Local \$29,549
7	<b>20-CT-041S Alamance County Transportation</b> will use Capital funds to purchase three (3) 20' LTVs with raised roof vans w/lifts, shop equipment, office equipment, one (1) personal computer, software, audio visual equipment, three (3) propane conversion kits, twenty-four (24) lift safety devices, twenty-six (26) DVRs, one (1) Max Commander software system, Route Match pre-trip inspection table, (1000006812).	<p align="center"><b>Capital</b></p> Total \$286,871 Federal \$0 State \$258,183 Local \$28,688
1	<b>20-CT-005 Albemarle Regional Health Services</b> will use Administrative funds to support personnel expenses for seven (7) full time positions with fringe benefits, professional services, supplies and materials, communications, utilities, printing, binding, advertising/promotion, computer support services. (1000007137)	<p align="center"><b>Administrative</b></p> Total \$514,639 Federal \$411,711 State \$25,731 Local \$77,197
1	<b>20-CT-005 Albemarle Regional Health Services (ARHS)</b> will use Capital funds to purchase four (4) 25' LTVs w/lifts. (1000007153).	<p align="center"><b>Capital</b></p> Total \$384,277 Federal \$307,421 State \$38,427 Local \$38,429
11	<b>20-CT-086 Alleghany County</b> will use Administrative funds to manage public transportation in the provider's service area. Expenses incurred to provide the service are, but not limited to: salaries & fringe benefits for administrative positions, drug & alcohol tests, advertisements, promotional items, staff travel for training, conferences and other transit related travel. (1000007261)	<p align="center"><b>Administrative</b></p> Total \$134,876 Federal \$107,901 State \$6,744 Local \$20,231

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

<b>Highway Division</b>	<b>5311 Community Transportation</b>	<b>Estimated Project Cost</b>
10	<b>20-CT-011 Anson County Transportation</b> will use Administrative funds to support personnel expenses for salaries and fringe benefits for three (3) full time administrative positions, utilities, office supplies, marketing & promotional items, legal advertising, cleaning supplies, dues, subscriptions and training opportunities, drug & alcohol testing kits and travel expenses for administrative staff. (1000007220)	<b>Administrative</b> Total \$161,569 Federal \$129,255 State \$8,078 Local \$24,236
10	<b>20-CT-011 Anson County</b> will use capital funding to purchase (12) propane conversion kits, replace outdated security/surveillance equipment and replace their aging network server. (1000007222)	<b>Capital</b> Total \$168,245 Federal \$134,596 State \$16,824 Local \$16,825
11	<b>20-CT-007 AppalCART</b> will use Administrative funds to pay salaries & fringe benefits for five (5) full time positions, office materials and supplies, accounting expenses, transit facility utilities, marketing ads, computer support services, vehicle insurance, property and general liability insurance. (1000006888)	<b>Administrative</b> Total \$468,305 Federal \$374,644 State \$23,415 Local \$70,246
11	<b>20-CT-007 AppalCART</b> will use Operating funds to provide public transportation services to clients in the provider's service area. (1000007035)	<b>Operating</b> Total \$972,784 Federal \$486,392 State \$0 Local \$486,392
11	<b>20-CT-007 APPALCART</b> will use Combined Capital funds to purchase spare parts for the maintenance of revenue vehicles. (1000006935).	<b>Capital</b> Total \$60,046 Federal \$48,036 State \$6,004 Local \$6,006
14	<b>20-CT-014 Ashe County Transportation Authority</b> will use Administrative funds to provide public transit service to the citizens of Ashe County. Expenses associated with managing the office are administrative staff, office materials & supplies, utilities, fleet insurance, accounting fees, drug and alcohol tests for employees, marketing and promotional items. (1000007088)	<b>Administrative</b> Total \$207,401 Federal \$165,920 State \$10,370 Local \$31,111
11	<b>20-CT-016 Avery County Transportation</b> will use Administrative funds to pay personnel related expenses for three (3) full time administrative positions, a drug and alcohol contract for testing employees, janitorial supplies & operator's uniforms, facility utilities, cleaning services for the transit office, fleet insurance, office supplies and materials, marketing & promotional items, employee training and education materials and travel expenses associated with staff training. (1000007184)	<b>Administrative</b> Total \$186,953 Federal \$149,562 State \$9,347 Local \$28,044

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

<b>Highway Division</b>	<b>5311 Community Transportation</b>	<b>Estimated Project Cost</b>
14	<b>20-CT-017 Beaufort Area Transit System</b> will use Administrative funds to manage public transportation service for the citizens of Beaufort County. Expenses incurred to provide this service are salaries & fringe benefits for office positions, drug & alcohol tests for employees, accounting fees, janitorial and office supplies, fleet insurance, dues & subscriptions, a cleaning service contract, rent for the transit facility, property insurance and utilities. (1000007011)	<b>Administrative</b> Total \$192,136 Federal \$153,708 State \$9,606 Local \$28,822
1	<b>20-CT-017 Beaufort County Development Center</b> will use Capital funds to purchase (1) Raised Roof Van-Side Entry; (1) Vehicle Lettering and Logos; (1000007012)	<b>Capital</b> Total \$54,500 Federal \$43,600 State \$5,450 Local \$5,450
6	<b>20-CT-053 Bladen Area Rural Transportation System</b> will use Administrative funds to support a variety of transit services for the citizens of Bladen County. Expenses include but are not limited to: office staff salaries & fringe benefits for two (2) full time positions, drug & alcohol testing for 11 staffers, uniforms, telephone and internet service, postage, printing and reproduction of transit materials, office supplies, dues & subscriptions, training & education; computer, communications & office supplies. (1000007120)	<b>Administrative</b> Total \$155,568 Federal \$124,454 State \$7,778 Local \$23,336
3	<b>20-CT-085 Brunswick Transit System</b> will use Administrative funds to provide public transportation service to residents in the provider's service area. Expenses incurred to provide this service are, but not limited to personnel expenses for three (3) office positions, accounting and legal fees, drug & alcohol tests for 22 employees, background checks for potential employees, uniforms & janitorial supplies, staff travel and subsistence for conferences, transit meetings, computer supplies, office materials & supplies, office utilities, costs associated with printing and reproduction of transit materials, marketing & promotional items. (1000007139)	<b>Administrative</b> Total \$246,450 Federal \$197,160 State \$12,322 Local \$36,968
3	<b>20-CT-085 Brunswick Transit System, Inc.</b> will use Capital funds to purchase (2) Raised Roof Vans w/lift; (2) Raised Roof Vans w/o lift; (7) Battery Backups; (4) Vehicle Lettering and Logos; (4) Mobile Data Tablets; (17) On-Board Camera Systems; (2) Personal Computer Systems (1000007165)	<b>Capital</b> Total \$294,250 Federal \$235,400 State \$29,425 Local \$29,425
13	<b>20-CT-002 Buncombe County</b> will use Administrative funds will to manage the public transportation service. Expenses include technology and communication costs of software and systems used for eligibility, reservations, scheduling, dispatching, data communications, etc., as well as facility costs, employee training and development, vehicle insurance, and other eligible administrative transit costs. (1000007232)	<b>Administrative</b> Total \$378,568 Federal \$302,854 State \$18,928 Local \$56,786
10	<b>20-CT-042 Cabarrus County Transportation</b> will use Administrative funds to support personnel expenses for salaries and fringe benefits for two (2) full time office staffers, promotional items, uniforms and marketing expenses. (1000006744)	<b>Administrative</b> Total \$143,410 Federal \$114,728 State \$7,170 Local \$21,512

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

<b>Highway Division</b>	<b>5311 Community Transportation</b>	<b>Estimated Project Cost</b>
10	<b>20-CT-042S Cabarrus County Transportation</b> will use Capital funds to replace two (2) raised roof vans w/lifts. (100000 <b>6745</b> ).	<p><b>Capital</b></p> <p>\$126,200 Total</p> <p>\$0 Federal</p> <p>\$113,580 State</p> <p>\$12,620 Local</p>
2	<b>20-CT-054 Carteret County Area Transportation System</b> will use Administrative funds to manage a deviated fixed route for citizens of Carteret County. Expenses include but are not limited to: administrative staff salaries & fringe benefits, monthly revolving office costs, vehicle insurance, uniforms, staff training & education related fees, dues & subscriptions, staff travel expenses, marketing & promotional items and indirect overhead costs. (100000 <b>6797</b> )	<p><b>Administrative</b></p> <p>\$243,951 Total</p> <p>\$195,160 Federal</p> <p>\$12,197 State</p> <p>\$36,594 Local</p>
7	<b>20-CT-088 Caswell Area Transit System</b> will use Administrative funds to support personnel expenses for the following, but not limited to, expenses: personnel expenses for two (2) full time administrative positions , monthly office utilities, drug and alcohol tests, employee expenses such as: uniforms, travel costs, subscriptions & dues, janitorial & office supplies, professional and internet services, postage and other expenses associated with managing daily transit service. (100000 <b>6868</b> )	<p><b>Administrative</b></p> <p>\$121,571 Total</p> <p>\$97,256 Federal</p> <p>\$6,078 State</p> <p>\$18,237 Local</p>
7	<b>20-CT-088 Caswell County</b> will use Capital funding for replacement purchase of (1) 20' LTV w/ lift, (1) Minivan, (1) 22' LTV w/lift, vehicle lettering and logos and (2) replacement personal computing systems (100000 <b>6895</b> )	<p><b>Capital</b></p> <p>\$165,254 Total</p> <p>\$132,203 Federal</p> <p>\$16,525 State</p> <p>\$16,526 Local</p>
8	<b>20-CT-050 Chatham Transit Network</b> will use Administrative funds to pay personnel related expenses for three (3) full time positions, uniforms for operators, drug and alcohol tests, utilities for the transit facility, marketing and promotional items, transit related insurance and leases for office equipment. (100000 <b>7050</b> ).	<p><b>Administrative</b></p> <p>\$259,677 Total</p> <p>\$207,741 Federal</p> <p>\$12,983 State</p> <p>\$38,953 Local</p>
8	<b>20-CT-050 Chatham Transit Network</b> will use Combined Capital funds to replace three (3) vans with raised roof vans with lifts and to add agency signage to the vehicles. (100000 <b>7028</b> ).	<p><b>Capital</b></p> <p>\$188,595 Total</p> <p>\$150,876 Federal</p> <p>\$18,859 State</p> <p>\$18,860 Local</p>
14	<b>20-CT-019 Cherokee Area Transportation System</b> will use Administrative funds to provide public transportation for the citizens of Cherokee County in the service area. Costs associated with managing a public transportation system include personnel costs for staff positions, office supplies, rental and legal fees, fleet insurance, utilities, drug and alcohol tests for staff, janitorial supplies, uniforms for operators, training and educational materials for staff, printing and reproduction of transit material costs. (100000 <b>6904</b> )	<p><b>Administrative</b></p> <p>\$166,046 Total</p> <p>\$132,836 Federal</p> <p>\$8,302 State</p> <p>\$24,908 Local</p>

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

<b>Highway Division</b>	<b>5311 Community Transportation</b>	<b>Estimated Project Cost</b>
1	<b>20-CT-023 Choanoke Public Transportation</b> will use Administrative funds to pay personnel related expenses for six (6) full-time and one (1) part-time position, professional services, office supplies and materials, travel and education expenses for administrative staff, utilities, repairs and maintenance, advertising/promotional items and computer support services (100000 <b>6934</b> )	<b>Administrative</b> Total \$562,041 Federal \$449,632 State \$28,102 Local \$84,307
1	<b>20-CT-023 Choanoke Public Transportation Authority</b> will use Capital funds to purchase one (1) 20' LTV w/lift, two (2) 25' LTVs w/lifts, lettering & logo installation, one (1) non-revenue support vehicle, vehicle spare parts, shop equipment and safety gates. (100000 <b>6936</b> )	<b>Capital</b> Total \$274,912 Federal \$219,929 State \$27,491 Local \$27,492
4	<b>20-CT-043 City of Rocky Mount (Tar River Transit)</b> will use Administrative funds to pay personnel related expenses for two (2) full time office positions, janitorial supplies, uniforms for operators, office materials & supplies, staff travel expenses, telephone and internet service, utilities, cleaning services, First Transit management services contract, monthly security services, rent for transit office, fleet insurance, dues, subscriptions and a vehicle cleaning service contract. (100000 <b>6988</b> )	<b>Administrative</b> Total \$373,701 Federal \$298,960 State \$18,685 Local \$56,056
4	<b>20-CT-001 City of Wilson</b> will use Administrative funds to support the salaries & fringe benefits of four (4) full-time positions, professional services, supplies and materials, advertising/promotional items, building rent, service and maintenance contracts, vehicle insurance and bonding and other fixed charges. (100000 <b>7187</b> )	<b>Administrative</b> Total \$400,704 Federal \$320,563 State \$20,035 Local \$60,106
4	<b>20-CT-001 City of Wilson Transit System</b> will use Capital funds to purchase two (2) 30' - 35' Transit Buses, two (2) 20' LTVs w/lifts, one (1) 25' diesel LTV vehicle w/lift equipped with a bike rack and brake retarder, lettering and logo installation for each new vehicle, five (5) bus shelters, (5) benches, vehicle spare parts and replacement facility doors. (Application #: 100000 <b>7203</b> )	<b>Capital</b> Total \$1,284,060 Federal \$1,027,248 State \$128,406 Local \$128,406
14	<b>20-CT-020 Clay County Transportation</b> will use Administrative funds to support personnel expenses for personnel expenses associated with three (3) full time administrative positions, utilities, office supplies, subscriptions & dues, travel and vehicle insurance, legal services, uniforms and janitorial supplies, employee training, drug and alcohol testing, marketing and promotional items. (100000 <b>7087</b> )	<b>Administrative</b> Total \$149,142 Federal \$119,313 State \$7,457 Local \$22,372
6	<b>20-CT-076 Columbus County Transportation</b> will use Administrative funds to support the County's public transportation service for citizens in the provider's service area. Expenses include, but are not limited to: marketing, promotional and advertising costs, office supplies, utilities, indirect costs, cleaning services, travel costs, salaries & fringe benefits for administrative positions, cleaning and security services. (100000 <b>7147</b> )	<b>Administrative</b> Total \$192,642 Federal \$154,113 State \$9,632 Local \$28,897



**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

Highway Division	5311 Community Transportation	Estimated Project Cost
6	<b>20-CT-076 Columbus County Transportation</b> will use Capital funds to purchase one (1) 20' LTV w/lift, one (1) raised roof van w/lift, one (1) minivan/crossover, lettering & logos for each new vehicle, a printer, automatic liftgate and a fence & exterior lighting. (1000007148)	<b>Capital</b> Total \$168,250 Federal \$134,600 State \$16,825 Local \$16,825
4	<b>20-CT-039 Community and Senior Services of Johnston County</b> will use Administrative funds to provide public transportation service to citizens of Johnston County. Expenses incurred to provide this service to the public are, but not limited to: postage, office utilities, personnel costs for administrative staff positions, legal advertising, cleaning services, security, fleet insurance, training for employees, computer support services and promotional & marketing expenses. (1000006789)	<b>Administrative</b> Total \$446,509 Federal \$357,207 State \$22,325 Local \$66,977
4	<b>20-CT-039 Community and Senior Services of Johnston County (JCATS)</b> will use capital funding to purchase (3) 25' LTV w/lift; (3) 22' LTV w/lift; (1) Acetylene Torch Kit; (1) Shop Vice; (1) A/C Flush Machine; (1) Headlight Aimer; (1) Evaporative Shop Cooler Fan; (10) Mobile Radio Units; (1) Hand-held Radio Unit; (6) Vehicle Lettering and Logos (1000006769)	<b>Capital</b> Total \$437,709 Federal \$350,167 State \$43,770 Local \$43,772
1	<b>20-CT-048 County of Dare</b> will use Administrative funds to provide public transit service to the citizens of Dare County. Expenses incurred to provide this service are personnel related expenses for two (2) full time administrative positions, office materials & supplies, transit related insurance, dues and subscriptions, indirect cost overhead, telephone service, travel and subsistence for staff related travel and a lease contract for a printer. (1000007075)	<b>Administrative</b> Total \$140,449 Federal \$112,359 State \$7,022 Local \$21,068
6	<b>20-CT-040 County of Harnett</b> will use Administrative funds to provide public transportation services for the citizens in Harnett County. Expenses incurred to manage the cost of providing this service include, but are not limited to: personnel related costs for four (4) full time office positions, contractual services to repair and maintain computer equipment, utilities for the transit facility, printing and reproduction, radio & newspaper ads, tote bags, cups, key tags, pens for promotional purposes, legal advertising and employee training and education materials. (1000006969)	<b>Administrative</b> Total \$279,619 Federal \$223,695 State \$13,980 Local \$41,944
13	<b>20-CT-099 County of McDowell</b> will use Administrative funds to manage a newly designated public transportation system to support personnel expenses for transit service by financing the following expenses: personnel expenses for three (3) full time office staffers; revolving monthly office expenses, operations center rent, dues & subscriptions; printing, marketing and advertising costs; utilities and employee training. (1000007226)	<b>Administrative</b> Total \$184,373 Federal \$147,498 State \$9,218 Local \$27,657
2	<b>20-CT-029 Craven Area Rural Transit System</b> will use Administrative funds to pay personnel related expenses for five (5) full-time positions, communications, utilities, printing and binding, repairs and maintenance, advertisement/promotion, computer support services and other services. In addition, funds to rent of real property, leasing of computer equipment, service and maintenance contracts. (1000006849)	<b>Administrative</b> Total \$332,021 Federal \$265,616 State \$16,601 Local \$49,804
2		<b>Operating</b>

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

Highway Division	5311 Community Transportation	Estimated Project Cost
		\$94,244 Total
	<b>20-CT-029 Craven Area Rural Transit System</b> will use Operating funds to finance the cost to provide public transportation services to clients in the provider's service area. (100000 <b>6986</b> )	\$47,122 Federal
		\$0 State
		\$47,122 Local
6	<b>20-CT-044 Cumberland County Community Transportation Program</b> will use Administrative funds to pay for personnel expenses associated with three (3) full time administrative positions, office supplies & materials, computer supplies, marketing & promotional items, legal advertising, dues, subscriptions and travel expenses for administrative staff. (100000 <b>7204</b> )	<b>Administrative</b> Total \$183,760 Federal \$147,008 State \$9,188 Local \$27,564
9	<b>20-CT-026 Davidson County Transportation</b> will use Administrative funds to support personnel expenses for salaries & fringe benefits for four (4) full time office staffers; marketing and the Management Services contract for Call Center will also be expenses incurred. (100000 <b>6815</b> )	<b>Administrative</b> Total \$341,265 Federal \$273,012 State \$17,063 Local \$51,190
3	<b>20-CT-012 Duplin County Transportation</b> will use Administrative funds to manage public transportation services for citizens of Duplin County. Expenses include but are not limited to: administrative staff salaries & fringe benefits, utilities, costs directly associated to support personnel expenses for staffers - dues & subscriptions, travel costs, uniforms, computer and office supplies, leased software costs and monthly revolving operating costs. (100000 <b>6747</b> )	<b>Administrative</b> Total \$230,117 Federal \$184,093 State \$11,505 Local \$34,519
12	<b>20-CT-008 Gaston County</b> will use 5311 Administrative funds to continue manage public transit service for citizens in the provider's service area, pay personnel related expenses for three (3) full time administrative positions, employee training and education materials, marketing and advertising and travel subsistence for state-wide conferences and meetings. (100000 <b>6788</b> )	<b>Administrative</b> Total \$204,160 Federal \$163,328 State \$10,208 Local \$30,624
12	<b>20-CT-008S Gaston County</b> will use Capital funds to purchase two (2) 25' LTVs w/lifts, one (1) 22' LTV w/lift, one (1) 28' LTV w/lift, one (1) raised roof van w/lift, lettering and logo installation for each vehicle, software, mobile radio units, radio base station and a security system. (100000 <b>6787</b> ).	<b>Capital</b> Total \$449,655 Federal \$0 State \$404,689 Local \$44,966
1	<b>20-CT-067 Gates County Inter-Regional Transportation System</b> will use Administrative funds to provide public transit service for the citizens of Gates County. Expenses incurred to manage this service include personnel related costs for administrative positions, marketing and promotional items, fleet insurance, rent for the transit facility and communications expenses. (100000 <b>6945</b> )	<b>Administrative</b> Total \$110,254 Federal \$88,203 State \$5,512 Local \$16,539

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

Highway Division	5311 Community Transportation	Estimated Project Cost
4	<b>20-CT-047 Goldsboro Wayne Transportation Authority</b> will use Administrative funds to finance the cost to operate public transit service in urban and rural areas of the providers' service area. Expenses incurred to manage the service include salaries & fringe benefits for four (4) full time administrative staffers, telephone service, computer and technical assistance, annual marketing plan, social media expenses, flyers & brochures, website hosting costs and fleet related insurance. (1000007248).	<b>Administrative</b> Total \$260,966 Federal \$208,772 State \$13,048 Local \$39,146
14	<b>20-CT-079 Graham County Transportation</b> will use Administrative funds to finance the cost to provide public transit service in urban and rural areas of the providers' service area. Expenses incurred to manage the service include salaries & fringe benefits for administrative staffers, telephone service, computer and technical assistance, annual marketing plan, social media expenses, flyers & brochures. (1000007116)	<b>Administrative</b> Total \$126,538 Federal \$101,230 State \$6,326 Local \$18,982
2	<b>20-CT-059 Greene County Transportation</b> will use Administrative funds to manage a demand response transit service for citizens of Greene County. Expenses include but are not limited to: salaries & fringe benefits for two (2) full time administrative positions, utilities, staff travel incidentals, vehicle insurance, dues, subscriptions and drug & alcohol tests. (1000007210)	<b>Administrative</b> Total \$118,503 Federal \$94,802 State \$5,925 Local \$17,776
7	<b>20-CT-049 Guilford County Transportation and Mobility Services</b> will use Administrative funds to support personnel expenses for marketing & promotional items, utilities and office supplies associated with managing transit services, staff training opportunities & materials, insurance for vehicles, uniforms, a computer program service contract, drug & alcohol tests and personnel expenses for one (1) full time transit employee. (1000007140)	<b>Administrative</b> Total \$202,680 Federal \$162,144 State \$10,134 Local \$30,402
7	<b>20-CT-049S Guilford County Transportation</b> will use Capital funds to replace one (1) laptop and four (4) desk-top PCs. (1000007253)	<b>Capital</b> Total \$4,578 Federal \$0 State \$3,891 Local \$687
8	<b>20-CT-078 Hoke Area Transit Services</b> will use Administrative funds to pay for personnel expenses associated with one (1) full time position, marketing & promotional items, travel expenses, computer technical assistance and communications expenses incurred while managing the transit office. (1000007195)	<b>Administrative</b> Total \$118,323 Federal \$94,658 State \$5,916 Local \$17,749
8	<b>20-CT-078S Hoke County</b> will use Capital funds to replace six (6) raised roof vans w/lifts; Office furniture, one (1) repeater station, five (5) mobile radio units, one (1) security system upgrade, six (6) PCs. (1000007198)	<b>Capital</b> Total \$404,808 Federal \$0 State \$364,326 Local \$40,482

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Highway Division	5311 Community Transportation	Estimated Project Cost
1	<b>20-CT-025 Hyde County Non-Profit Transportation</b> will use Administrative funds to pay for two (2) full time positions, in-state travel subsistence for meetings, conferences and training, telephone service, utilities, mass mailings, paid advertisements and transportation related insurance. (1000006959)	<b>Administrative</b> Total \$134,444 Federal \$107,555 State \$6,722 Local \$20,167
1	<b>20-CT-025 Hyde County Non-Profit Transportation</b> will use Capital funds to purchase one (1) 20' LTV w/o lift, lettering and logo installation and one (1) PC. (1000006975)	<b>Capital</b> Total \$63,100 Federal \$50,480 State \$6,310 Local \$6,310
12	<b>20-CT-037 Iredell County Area Transportation System</b> will use Administrative funds to pay salaries & fringe benefits for three (3) full time and one (1) part time administrative positions, marketing and promotional items. (1000007056)	<b>Administrative</b> Total \$247,404 Federal \$197,923 State \$12,370 Local \$37,111
12	<b>20-CT-024S Iredell County</b> will use Capital funds to purchase three (3) 25' LTVs w/lifts & bike racks, lettering and logo installation for each vehicle, one (1) tool cart, one (1) pole saw, seventy (70) bus stop signs twenty (20) mobile data devices, twenty-two (22) mounts & chargers, twenty-nine (29) cameras, three (3) MS Office Upgrade versions and eight (8) bus shelters. (1000006997)	<b>Capital</b> Total \$531,549 Federal \$0 State \$478,393 Local \$53,156
14	<b>20-CT-060 Jackson County Transit</b> will use Administrative funds to pay personnel costs associated with two (2) full time administrative positions, general office expenses such as: rent, printing and production, legal advertising, expenses to train and educate employees, postage, combined communication services, uniforms, staff travel, legal advertising, drug & alcohol testing for 20 employees. (1000006982)	<b>Administrative</b> Total \$184,971 Federal \$147,976 State \$9,248 Local \$27,747
5	<b>20-CT-030 Kerr Area Transportation Authority</b> will use Administrative funds to support personnel expenses for six (6) full-time positions with fringe benefits, property and general liability insurance professional services, supplies and materials, employee education and training, janitorial supplies, accounting and legal services, computer supplies postage and internet service. (1000007040)	<b>Administrative</b> Total \$676,247 Federal \$540,997 State \$33,812 Local \$101,438
2	<b>20-CT-034 Lenoir County Transit</b> will use Administrative funds to support a demand response and subscription scheduling transit service for the citizens of Lenoir County. Expenses include but are not limited to: rent for the facility, a computer software lease, utilities, salaries & fringe benefits for a total of four (4) administrative positions, vehicle insurance, marketing & promotional items. (1000006984)	<b>Administrative</b> Total \$252,976 Federal \$202,380 State \$12,648 Local \$37,948

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<b>Highway Division</b>	<b>5311 Community Transportation</b>	<b>Estimated Project Cost</b>
2	<b>20-CT-034 Lenoir County Transportation</b> will use Capital funds to purchase two (2) 20' LTVs w/ lifts, one (1) raised roof van w/lift; two (2) 22' LTVs w/lifts, lettering and logo installation, five (5) desks, four (4) file cabinets, two (2) bookcases, two (2) storage cabinets, three (3) worktables, one projector, one replacement personal computer and installation of a magnetic card strip to replace fare boxes. (1000007009)	<p><b>Capital</b></p> <p>Total \$315,375 Federal \$252,300 State \$31,537 Local \$31,538</p>
12	<b>20-CT-087 Lincoln County, Transportation of</b> will use Administrative funds to pay personnel related expenses for four (4) full time positions, the contract for a local vendor to perform drug and alcohol testing of transit employees, janitorial supplies, uniforms, office supplies, staff travel, a fire extinguisher charging system, computer supplies, printing and reproduction of transit related materials, repair and maintenance of communications equipment, legal advertising and fleet insurance. (1000007138)	<p><b>Administrative</b></p> <p>Total \$241,738 Federal \$193,390 State \$12,086 Local \$36,262</p>
12	<b>20-CT-087 Lincoln County Transportation</b> will use Capital funds to purchase five (5) LTVs and one (1) van w/o a lift and office furniture (1000007150).	<p><b>Capital</b></p> <p>Total \$382,300 Federal \$305,840 State \$38,230 Local \$38,230</p>
14	<b>20-CT-027 Macon County Transit</b> will use Administrative funds to pay salaries and fringe benefits for three (3) full time administrative positions , monthly office utilities, printing and reproduction of transit related materials, office supplies, dues, subscriptions, drug & alcohol tests, computer supplies, marketing and promotional items, training for employees, travel expenses for administrative staff training, travel and vehicle, general property and liability insurance and employee training opportunities. (1000006939)	<p><b>Administrative</b></p> <p>Total \$195,439 Federal \$156,351 State \$9,771 Local \$29,317</p>
13	<b>20-CT-018 Madison County Transportation Authority</b> will use Administrative funds to provide public transit services to the citizens of Madison County. Expenses incurred to manage this service include but are not limited to: personnel expenses for four (4) administrative positions, legal fees, drug and alcohol testing for 13 employees, staff travel and subsistence for training, conferences and education, utilities for the transit office, radio & newspaper advertising, calendars and pens for promotional items and legal advertising. (1000006927)	<p><b>Administrative</b></p> <p>Total \$125,335 Federal \$100,268 State \$6,266 Local \$18,801</p>
1	<b>20-CT-028 Martin County Transportation</b> will use Administrative funds to manage the public transportation in the service area. Expenses incurred will be salaries and fringe benefits for administrative positions, postage, transit facility utilities and monthly revolving expenses, rent, marketing & promotional items, dues, subscriptions, uniforms for operators, janitorial supplies, training and educational materials for employees. (1000006983)	<p><b>Administrative</b></p> <p>Total \$140,036 Federal \$112,028 State \$7,001 Local \$21,007</p>

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Highway Division	5311 Community Transportation	Estimated Project Cost
1	<b>20-CT-28 Martin County</b> will use Capital funds to purchase two (2) 25' LTVs w/lifts, two (2) 22' LTVs w/lifts, thirteen (13) cameras, one (1) PC (100000 <b>6990</b> )	<b>Capital</b> Total \$333,980 Federal \$267,184 State \$33,398 Local \$33,398
13	<b>20-CT-010 Mitchell County Transportation Authority</b> will use Administrative funds to manage public transportation service for the citizens of Mitchell County. Costs incurred to provide this service will be personnel related expenses for two (2) full time and one (1) part time office position, drug and alcohol tests for 21 employees, office materials and computer supplies, travel for administrative staff training & conferences, utilities, marketing, reproduction of transit materials, property & general liability insurance, dues, subscriptions and educational materials. (100000 <b>6867</b> )	<b>Administrative</b> Total \$163,660 Federal \$130,928 State \$8,183 Local \$24,549
13	<b>20-CT-010 Mitchell County Transportation</b> will use Capital funds to purchase two (2) minivan/crossovers, fencing, security lights, personal computers, lettering and logo installation for the new vehicles. (100000 <b>6869</b> )	<b>Capital</b> Total \$86,220 Federal \$68,976 State \$8,622 Local \$8,622
8	<b>20-CT-062 Moore County Transportation</b> will use Administrative funds to pay for personnel expenses for three (3) full-time and one (1) part-time position, supplies and materials, staff training and administrative travel expenses, binding, advertising/promotion, computer support services vehicle insurance, a fire extinguisher, phone service, postage, dues and subscriptions and uniforms. (100000 <b>6955</b> )	<b>Administrative</b> Total \$297,241 Federal \$237,792 State \$14,862 Local \$44,587
14	<b>20-CT-070 Mountain Projects (Haywood Public Transit)</b> will use Administrative funds to provide public transportation services to residents of Haywood County. Expenses incurred to provide this service are, but not limited to: personnel costs for three (3) full time positions, office supplies & materials, staff travel and subsistence for training, conferences, billboards, radio and newspaper advertisements, indirect cost overhead and dues & subscriptions for staff. (100000 <b>6898</b> )	<b>Administrative</b> Total \$175,617 Federal \$140,493 State \$8,780 Local \$26,344
14	<b>20-CT-070S Mountain Projects (Haywood County)</b> will use Capital funds to purchase one (1) 25' LTV w/lift, three (3) 25' raised roof vans w/lifts, lettering and logo for each vehicle, three (3) radio base stations, one (1) hand-held radio unit and four (4) propane conversion kits. (100000 <b>6859</b> )	<b>Capital</b> Total \$302,775 Federal \$0 State \$272,497 Local \$30,278
3	<b>20-CT-055 Onslow United Transit</b> will use Administrative funds to support personnel expenses for four (4) full time positions with fringe benefits, professional services, janitorial supplies and uniforms, office supplies and materials, computer supplies, communications, utilities, printing and binding, advertising, computer support services, rent for the transit office and vehicle insurance (100000 <b>7234</b> )	<b>Administrative</b> Total \$285,711 Federal \$228,568 State \$14,285 Local \$42,858
7		<b>Administrative</b>

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Highway Division	5311 Community Transportation	Estimated Project Cost
	<b>20-CT-056 Orange County</b> will use Administrative funds to provide community transportation services to human service agencies and the general public. Funding will enable staff to maintain compliance with state and federal programs, provide training, provide salaries and benefits for employees. (1000007276)	\$174,960 Total \$139,968 Federal \$8,748 State \$26,244 Local
3	<b>20-CT-069 Pender Adult Services, Inc.</b> will provide public transportation services for the citizens of Pender County. Expenses incurred to manage this service include, but are not limited to: salaries & fringe benefits for three (3) full time office positions, computer supplies, staff travel and subsistence for conferences, expos, meetings and training, a fire extinguisher charging base, HVAC furnace filters, costs for billboards, magazines, newspapers and mailings, flashlights, travel mugs, pens, tote bags are promotional items that will be purchased, legal advertising and printing costs. (1000007134)	<b>Administrative</b> \$183,798 Total \$147,038 Federal \$9,189 State \$27,571 Local
5	<b>20-CT-083 Person Area Transportation System</b> will use Administrative funds to manage public transportation for the citizens of Person County. The grant will pay a range of expenses such as: salaries and fringe benefits for three (3) full time administrative positions, drug & alcohol tests, subscriptions, dues and travel for staff training, postage, marketing & advertising, legal expenses and postage. (1000007160)	<b>Administrative</b> \$178,880 Total \$143,104 Federal \$8,944 State \$26,832 Local
2	<b>20-CT-064 Pitt Area Transit System</b> will use Administrative funds to support personnel expenses for two (2) full-time and one (1) part-time position, promotional and marketing items, office supplies and materials, communications, professional services, vehicle insurance, dues, subscriptions, legal advertising and drug and alcohol tests. (1000006970)	<b>Administrative</b> \$214,474 Total \$171,579 Federal \$10,723 State \$32,172 Local
14	<b>20-CT-033 Polk County Transportation Authority</b> will use Administrative funds to support expenses incurred to provide public transportation service for the citizens of Polk County. Expenses include but are not limited to: salaries & fringe benefits of office staffers, drug & alcohol tests, office/janitorial supplies, legal advertising, marketing and promotional items, equipment leases, vehicle insurance, revolving monthly operations center costs such as internet service, phone service, supplies; dues & subscriptions and indirect overhead costs. (1000007151)	<b>Administrative</b> \$185,128 Total \$148,102 Federal \$9,256 State \$27,770 Local
14	<b>20-CT-033 Polk County Transportation Authority</b> will use Capital funds to purchase one (1) raised roof van w/lift and one (1) Minivan/Crossover - lettering and logo installation for two vehicles, two (2) 2-radios, one (1) Security Drop Box and one (1) repeater station. (1000007152)	<b>Capital</b> \$106,831 Total \$85,464 Federal \$10,683 State \$10,684 Local

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<b>Highway Division</b>	<b>5311 Community Transportation</b>	<b>Estimated Project Cost</b>
8	<b>20-CT-073 Randolph County Senior Adults</b> will use Administrative funds to support personnel expenses for six (6) full-time positions, HVAC filters, uniforms, supplies and materials, postage, internet services, communications, printing and binding, repairs and maintenance, advertising/promotional items, computer support services and other services. In addition, funds will support rental of real property, leasing of equipment, vehicle insurance and indirect cost overhead fees. (1000007058)	<b>Administrative</b> Total \$501,254 Federal \$401,003 State \$25,062 Local \$75,189
8	<b>20-CT-075 Richmond Interagency Transportation</b> will use Administrative funds to pay the costs to manage transit service in the provider's service area. Expenses covered under the grant will be salaries and fringe benefits for two (2) full time administrative positions, janitorial and office supplies, utilities, rent and security services for the transit office, vehicle insurance, computer and office supplies/materials, training for employees, legal advertising, marketing & promotional items, internet service and uniforms for operators. (1000007104)	<b>Administrative</b> Total \$204,376 Federal \$163,500 State \$10,218 Local \$30,658
8	<b>20-CT-075 Richmond County</b> will use Capital funds to replace two (2) 25' LTVs w/lifts and two (2) propane conversion kits. (1000007103)	<b>Capital</b> Total \$168,640 Federal \$134,912 State \$16,864 Local \$16,864
6	<b>20-CT-074 Robeson County Transportation</b> will use Administrative funds to support expenses incurred for the demand response six-day (and holiday) community transportation service it provides for the citizens of Robeson County. Expenses include, but are not limited to: promotional, advertising and marketing costs; security services, vehicle insurance, office and janitorial supplies, drug and alcohol test costs, travel and training costs, internet, utilities & telephone services and the personnel expenses associated with five (5) full time transit positions. (1000007199)	<b>Administrative</b> Total \$426,595 Federal \$341,276 State \$21,329 Local \$63,990
6	<b>20-CT-074 Robeson County Transportation</b> will use Capital funds to purchase one (1) 20' LTV w/lift, three (3) 25' LTVs w/lift, one (1) 28' LTV w/lift, vehicle lettering and logo installation, one (1) desk and one (1) PC (1000007083)	<b>Capital</b> Total \$366,700 Federal \$293,360 State \$36,670 Local \$36,670
9	<b>20-CT-037 Rowan Transit System</b> will use Administrative funds to support personnel expenses for personnel expenses for two (2) full time position s, janitorial services & supplies, uniforms, staff travel for training and state-wide transit related meetings, utilities, office & computer supplies, printing, repairs & maintenance for office equipment, marketing & promotional items, contracted computer support services, rent for the operations center, communications contracts, dues, subscriptions and vehicle insurance. (1000007015)	<b>Administrative</b> Total \$236,672 Federal \$189,337 State \$11,833 Local \$35,502



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<b>Highway Division</b>	<b>5311 Community Transportation</b>	<b>Estimated Project Cost</b>
9	<b>20-CT-037S Rowan County</b> will use Capital funds to replace one (1) raised roof van w/lift. (1000007026)	<b>Capital</b> Total \$62,900 Federal \$0 State \$56,610 Local \$6,290
13	<b>20-CT-068 Rutherford County Transportation</b> will use Administrative funds to support a variety of costs associated providing public transportation services for the citizens of Rutherford County. Expenses include, but are not limited to: vehicle insurance, uniforms, drug & alcohol tests, salaries & fringe benefits, employee training & uniforms, dues & subscriptions and marketing & promotional items. (1000007177)	<b>Administrative</b> Total \$271,966 Federal \$217,572 State \$13,598 Local \$40,796
3	<b>20-CT-015 Sampson Area Transportation</b> will use Administrative funds to provide public transit service to the citizens in the provider's service area. Expenses incurred to provide this service include but are not limited to: salaries & fringe benefits for seven (7) administrative positions, drug & alcohol tests for 29 employees, advertisements, promotional items such as pens, totes and other outreach efforts, staff travel for training, conferences and other transit related travel. (1000006957)	<b>Administrative</b> Total \$229,736 Federal \$183,788 State \$11,486 Local \$34,462
8	<b>20-CT-071 Scotland County Area Transportation System</b> will use Administrative funds to provide public transit service for the citizens in the provider's service area. Expenses will be, but are not limited to utilities, telephone service, subscriptions & dues, travel expenses for office staff training, janitorial supplies, drug & alcohol tests for 11 employees, vehicle insurance, office and computer supplies, staff education & training and printing of transit related materials. (1000007127)	<b>Administrative</b> Total \$114,792 Federal \$91,833 State \$5,739 Local \$17,220
10	<b>20-CT-038 Stanly County Transportation</b> will use Administrative funds to manage the public transportation service for citizens in Stanly County. Grant funds will be used to pay personnel expenses for three (3) full time and one (1) part time administrative position, travel expenses for office staff training, fleet insurance, promotional & marketing items such as pens, magnets, etc. and drug & alcohol tests for 21 employees. (1000006743)	<b>Administrative</b> Total \$235,239 Federal \$188,191 State \$11,761 Local \$35,287
10	<b>20-CT-038 Stanly County</b> will use Capital funds to purchase two (2) raised roof vans w/lifts, one (1) minivan, one (1) 22' LTV w/lift, vehicle lettering and logo installation, one (1) camera server replacement, eighteen (18) cameras with software updates and paving/resurfacing 105,592 sq. ft. of the facility parking area (1000006848)	<b>Capital</b> Total \$306,036 Federal \$244,828 State \$30,603 Local \$30,605

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Highway Division	5311 Community Transportation	Estimated Project Cost
14	<b>20-CT-032 Swain Transit</b> will use Administrative funds to staff and manage the transit office to manage public transportation service for the citizens of Swain County. Expenses incurred to manage this service include but are not limited to: personnel expenses for administrative positions, legal fees, drug and alcohol testing for employees, staff travel and subsistence for training, conferences and education, utilities for the transit office, radio & newspaper advertising. (1000007217)	<p><b>Administrative</b></p> <p>Total \$109,965</p> <p>Federal \$87,972</p> <p>State \$5,498</p> <p>Local \$16,495</p>
8	<b>20-CT-061 The County of Lee (Lee County Transit)</b> will use Administrative funds to support personnel expenses for four (4) full time and one (1) part-time position, professional services, supplies and materials, employee travel expenses, communications, utilities, printing and binding, computer repair and maintenance, advertising, and other transit related expenses. (1000007123)	<p><b>Administrative</b></p> <p>Total \$216,260</p> <p>Federal \$173,008</p> <p>State \$10,813</p> <p>Local \$32,439</p>
12	<b>20-CT-045 Transportation Administration of Cleveland County</b> will use Administrative funds to pay personnel related expenses for three (3) full time positions, accounting services, legal advertising, promotional and marketing items, utilities, office materials, computer supplies, janitorial supplies, transit related insurance, printing and reproduction expenses, subscriptions & dues, postage and employee education & training materials. (1000006792).	<p><b>Administrative</b></p> <p>Total \$298,232</p> <p>Federal \$238,585</p> <p>State \$14,911</p> <p>Local \$44,736</p>
12	<b>20-CT-045 Transportation Administration of Cleveland County</b> will use Capital funds to purchase two (2) raised roof vans, lettering & logo installation, a double blade gas hedge trimmer, three (3) personal computers. (1000006793)	<p><b>Capital</b></p> <p>Total \$129,716</p> <p>Federal \$103,772</p> <p>State \$12,971</p> <p>Local \$12,973</p>
14	<b>20-CT-057 Transylvania County Transportation</b> will use Administrative funds to manage the public transit service for citizens of the provider's service area. The grant will finance expenses to manage the transit office, utilities, employee education and training materials, drug and alcohol tests for 16 employees, uniforms for operators, office supplies, dues & subscriptions, travel and vehicle insurance and training. (1000007196)	<p><b>Administrative</b></p> <p>Total \$155,712</p> <p>Federal \$124,569</p> <p>State \$7,785</p> <p>Local \$23,358</p>
10	<b>20-CT-089 Union County Transportation System</b> will use Administrative funds to support personnel expenses associated with three (3) full time and one (1) part time office positions, training for employees, promotional & marketing items and contracted technical computer support services. (100007002)	<p><b>Administrative</b></p> <p>Total \$226,494</p> <p>Federal \$181,195</p> <p>State \$11,324</p> <p>Local \$33,975</p>
10	<b>20-CT-089S Union County</b> will use Capital funds to replace four (4) 20' LTVs w/lifts; one (1) ADA compliant Minivan/crossover w/ramp. (1000007003)	<p><b>Capital</b></p> <p>Total \$287,750</p> <p>Federal \$0</p> <p>State \$258,975</p> <p>Local \$28,775</p>

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<b>Highway Division</b>	<b>5311 Community Transportation</b>	<b>Estimated Project Cost</b>
5	<b>20-CT-063 Wake County</b> will use Administrative funds for providing community transportation services to human service agencies and to the general public. Funding will enable staff to maintain compliance with state and federal programs, provide training, provide salaries, insurance premiums and benefits for staff. (1000007145)	<b>Administrative</b> \$283,306 Total \$0 Federal \$240,809 State \$42,497 Local
5	<b>20-CT-063S Wake County</b> will use Capital funds to purchase thirteen (13) 25' raised roof vans w/lifts. (1000007146)	<b>Capital</b> \$812,500 Total \$0 Federal \$731,250 State \$81,250 Local
1	<b>20-CT-066 Washington County Transportation</b> will use Administrative funds to manage public transportation in the provider's service area. Expenses include but are not limited to: personnel expenses for administrative positions, legal fees, drug and alcohol testing for employees, staff travel and subsistence for training, conferences and education and utilities. (1000006974)	<b>Administrative</b> \$92,118 Total \$73,694 Federal \$4,605 State \$13,819 Local
14	<b>20-CT-022 Western Carolina Community Action (Apple Country Transit)</b> will use Administrative funds to provide public transit service for citizens in the provider's service area. These funds support four (4) office position salaries & fringe benefits, drug and alcohol tests for 25 employees, uniforms for operators, facility utilities, printing and transit material reproduction costs, marketing & promotional items, legal advertising, cleaning services and employee training and educational materials. (1000006881)	<b>Administrative</b> \$165,926 Total \$132,740 Federal \$8,296 State \$24,890 Local
14	<b>20-CT-022S Western Carolina Community Action (Apple Country Transit)</b> will use Capital funds to purchase two (2) raised roof vans w/o lifts, lettering and logo installation for each vehicle. (1000006882)	<b>Capital</b> \$109,000 Total \$0 Federal \$98,100 State \$10,900 Local
11,12,13	<b>20-CT-080 Western Piedmont Regional Transit Authority</b> will use Administrative funds to pay for public transit service for citizens in the provider's urban and rural service area. Expenses incurred will be full time and part time salaries & fringe benefits for 23 positions, accounting and legal fees, drug & alcohol testing for 90 employees, janitorial supplies, HVAC furnace filters, staff travel expenses, office materials & supplies and utilities for the transit office. (1000007230)	<b>Administrative</b> \$400,000 Total \$320,000 Federal \$20,000 State \$60,000 Local
11,12,13	<b>20-CT-080 Western Piedmont Regional Transit Authority</b> will use Operating funds to operate deviated fixed routes and demand response routes. (1000007207)	<b>Operating</b> \$428,706 Total \$214,353 Federal \$0 State \$214,353 Local

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<b>Highway Division</b>	<b>5311 Community Transportation</b>	<b>Estimated Project Cost</b>
11,12,13	<b>20-CT-080S Western Piedmont Regional Transit Authority</b> will use Capital funds to purchase three (3) 22'LTVs w/lifts and bike racks, three (3) electronic destination signs; three (3) vehicle cameras, three (3) pull cord stop signal systems and lettering and logo installation for each vehicle. (1000007209)	<p align="center"><b>Capital</b></p> Total \$236,748 Federal \$0 State \$213,072 Local \$23,676
11	<b>20-CT-006 Wilkes Transportation Authority</b> will use Administrative funds to manage public transportation in the provider's service area. Expenses include, but are not limited to: personnel expenses for administrative positions, legal fees, drug and alcohol testing for employees, staff travel and subsistence for training, conferences and education, utilities for the transit office (1000007076)	<p align="center"><b>Administrative</b></p> Total \$290,630 Federal \$232,504 State \$14,531 Local \$43,595
11	<b>20-CT-006 Wilkes Transportation Authority</b> will use Capital funds to purchase four (4) raised roof vans w/lifts, five (5) desks and chairs. (1000007275)	<p align="center"><b>Capital</b></p> Total \$260,750 Federal \$208,600 State \$26,075 Local \$26,075
9, 11	<b>20-CT-031 Yadkin Valley Economic Development District, Inc.</b> will use Administrative funds to pay salaries and fringe benefits for five (5) full time office positions, legal expenses, drug and alcohol tests for 84 employees, back ground checks for transit staff, office supplies & materials, telephone and internet service, utilities, newspaper ads, chamber of commerce ads, sponsorships, pens, key fobs, tote bags, cups as promotional items and employee education and training materials. (1000007102)	<p align="center"><b>Administrative</b></p> Total \$535,886 Federal \$428,708 State \$26,794 Local \$80,384
9, 11	<b>20-CT-031 Yadkin Valley Economic Development District, Inc.</b> will use Operating funds to finance the cost to provide public transportation services to clients in the provider's service area. (1000007105)	<p align="center"><b>Operating</b></p> Total \$261,184 Federal \$130,592 State \$0 Local \$130,592
9, 11	<b>20-CT-031 Yadkin Valley Economic Development (YVEDDI)</b> will use Capital funds to replace two (2) minivans Minivan/Crossovers and one (1) LTV with a 25' LTV w/ lift, and propane conversion equipment. (1000007004).	<p align="center"><b>Capital</b></p> Total \$174,654 Federal \$139,723 State \$17,465 Local \$17,466
13	<b>20-CT-009 Yancey County Transportation</b> will provide public transit service for the citizens in Yancey County through using Administrative funds to manage the transit office. Expenses incurred to provide this service will be, but are not limited to: personnel expenses, computer supplies, utilities, postage, travel and subsistence for staff attending regional training, state-wide meetings/training, printing & reproduction, repair and maintenance of computer equipment (1000006941)	<p align="center"><b>Administrative</b></p> Total \$127,506 Federal \$102,004 State \$6,375 Local \$19,127

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

<b>Highway Division</b>	<b>5311 Community Transportation</b>	<b>Estimated Project Cost</b>
13	<b>20-CT-009 Yancey County Transportation Authority</b> will use Capital funds to purchase two (2) raised roof vans w/o lifts, one (1) raised roof van w/lift and two (2) two-way radios. (100000 <b>6944</b> )	<b>Capital</b> Total \$174,400 Federal \$139,520 State \$17,440 Local \$17,440
14	<b>Eastern Band of Cherokee Indians (EBCI)</b> receives it's grant allocation from NCDOT; however, the grant oversight is then transferred to FTA. (\$40,650 in 5311 ADTAP funds also)	<b>Administrative</b> Total \$81,238 Federal \$81,238 State \$0 Local \$0
	<b>5311 State Administration Funds</b>	<b>Estimated Project Cost</b>
Statewide	<b>NCDOT-PTD State Administration</b> - The Public Transportation Division will provide subrecipient monitoring and oversight and provide technical assistance in the development of projects and plans for small urban and rural areas. ( <b>5311 Admin &amp; Operating</b> )	<b>State Admin</b> Total \$1,529,117 Federal \$1,529,117
Statewide	<b>NCDOT-PTD State Administration</b> - The Public Transportation Division will provide subrecipient monitoring and oversight and provide technical assistance in the development of projects and plans for small urban and rural areas. ( <b>5311 Capital</b> )	<b>State Admin</b> Total \$507,904 Federal \$507,904
Statewide	<b>NCDOT-PTD Rural Transit Assistance Program (RTAP)</b> -The Public Transportation Division will provide planning assistance in the development of projects and plans for rural areas.	<b>RTAP</b> Total \$433,192 Federal \$433,192

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

<b>Highway Division</b>	<b>5311 Appalachian Development</b>	<b>Estimated Project Cost</b>
11	<b>20-AD-086 Alleghany County</b> will use Capital funds to purchase one (1) raised roof van w/lift and two (2) mini/crossover vehicles; lettering and logo installation for a total of three (3) vehicles. (1000007260)	<b>Capital</b> \$123,850 Total \$99,080 Federal \$12,385 State \$12,385 Local
11	<b>020-AD-014 Ashe County Transportation Authority</b> will use Capital funds to purchase one (1) 20 ft LTV; two (2) 20' LTVs w/wheelchair lifts; three (3) minivan/crossovers; lettering and logo installation for a total of six (6) vehicles; 2 bookshelves, 2 desks & hutches. (1000007090)	<b>Capital</b> \$267,790 Total \$214,232 Federal \$26,779 State \$26,779 Local
13	<b>20-CT-002 Buncombe County</b> will use Capital funds to purchase one (1) 25' raised roof van w/wheelchair lift; two (2) mobile radios; one (1) propane conversion kit. (1000007231)	<b>Capital</b> \$71,995 Total \$57,596 Federal \$7,199 State \$7,200 Local
14	<b>20-AD-019 Cherokee Area Transportation System</b> will use Capital funds to purchase two (2) raised roof vans, no lift. (1000006903)	<b>Capital</b> \$108,000 Total \$86,400 Federal \$10,800 State \$10,800 Local
14	<b>20-AD-020 Clay County Transportation</b> will use Capital funds to purchase one (1) raised roof van w/lift. (1000007084)	<b>Capital</b> \$62,500 Total \$50,000 Federal \$6,250 State \$6,250 Local
14	<b>20-AD-079 Graham County Transportation</b> will use Capital funds to purchase one (1) mini/crossover. (1000007117)	<b>Capital</b> \$30,000 Total \$24,000 Federal \$3,000 State \$3,000 Local
14	<b>20-AD-060 Jackson County Transit</b> will use Capital funds to purchase one (1) raised roof van w/lift, one (1) propane system; lettering and logo installation for one (1) vehicle. (1000006907)	<b>Capital</b> \$70,080 Total \$56,064 Federal \$7,008 State \$7,008 Local

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

<b>Highway Division</b>	<b>5311 Appalachian Development</b>	<b>Estimated Project Cost</b>
14	<b>20-AD-027 Macon County Transit</b> will use Capital funds to purchase one (1) 22' LTV w/lift, lettering and logo installation and one (1) propane conversion kit and three (3) personal computer systems (100000 <b>6951</b> )	<b>Capital</b> \$85,650 Total \$68,520 Federal \$8,565 State \$8,565 Local
13	<b>20-AD-018 Madison County Transportation</b> will use Capital funds to purchase four (4) raised roof vans, lettering and logo installation for four (4) vehicles, three (3) radio base stations, eleven (11) cameras, one (1) laptop, one (1) personal computer and pavement resurfacing. (100000 <b>6954</b> )	<b>Capital</b> \$325,502 Total \$260,401 Federal \$32,550 State \$32,551 Local
14	<b>Eastern Band of Cherokee Indians (EBCI)</b> receives it's grant allocation from NCDOT; however, the grant oversight is then transferred to FTA. (\$81,238 in 5311 Admin funds also)	<b>Administrative</b> \$40,650 Total \$40,650 Federal \$0 State \$0 Local
Statewide	<b>NCDOT-PTD State Administration</b> - The Public Transportation Division will provide subrecipient monitoring and oversight and provide technical assistance in the development of projects and plans for small urban and rural areas. ( <b>5311 Capital - ADTAP</b> )	<b>State Admin</b> \$95,694 Total \$95,694 Federal \$0 State \$0 Local

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

<b>Highway Division</b>	<b>5339 Capital</b>	<b>Estimated Project Cost</b>
7	<b>20-39-058R ADTS of Rockingham County</b> will use Capital funds to purchase six (6) raised roof vans. (1000007132)	<b>Capital</b> \$375,000 Total \$300,000 Federal \$37,500 State \$37,500 Local
6	<b>20-39-053R Bladen County Transportation</b> will use Capital funds to purchase two (2) 20' LTVs w/lifts and lettering and logo installation. (1000007121)	<b>Capital</b> \$120,700 Total \$96,560 Federal \$12,070 State \$12,070 Local
6	<b>20-39-040R County of Harnett</b> will use Capital funds to purchase one (1) raised roof van w/o lift, (1) 20' LTV w/lift and two (2) Minivan/Crossovers. (1000006968)	<b>Capital</b> \$174,000 Total \$139,200 Federal \$17,400 State \$17,400 Local
13	<b>20-39-099R County of McDowell</b> will use Capital funds to purchase five (5) 20' LTVs and lettering & logo installation for each vehicle. (1000007255)	<b>Capital</b> \$275,000 Total \$220,000 Federal \$27,500 State \$27,500 Local
3	<b>20-39-012R Duplin County Transportation</b> will use Capital funds to purchase three (3) LTVs w/lifts and one (1) Minivan/Crossover and lettering & logo installation for each vehicle. (1000006746)	<b>Capital</b> \$227,000 Total \$181,600 Federal \$22,700 State \$22,700 Local
1	<b>20-39-067R Gates County Inter-Regional Transportation System</b> will use Capital funds to purchase one (1) 25'LTV w/lift and one (1) 22' LTV w/lift; lettering and logo installation for each vehicle. (1000006947)	<b>Capital</b> \$137,200 Total \$109,760 Federal \$13,720 State \$13,720 Local
5	<b>20-39-030R Kerr Area Transportation</b> will use Capital funds for vehicle replacement. The recipient is requesting for eleven (11) 20' LTV vehicles w/lifts, lettering and logo installation. (1000007025)	<b>Capital</b> \$676,500 Total \$541,200 Federal \$67,650 State \$67,650 Local



**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

<b>Highway Division</b>	<b>5339 Capital</b>	<b>Estimated Project Cost</b>
8	<b>20-39-062R Moore County Transportation</b> will use Capital funds to purchase six (6) raised roof vans w/lifts, 1 20' LTV vehicle w/o lift, 1 20' LTV vehicle w/lift. (1000006977)	<b>Capital</b> \$492,000 Total \$393,600 Federal \$49,200 State \$49,200 Local
3	<b>20-39-069R Pender Adult Services</b> will use Capital funds to purchase three (3) raised roof vans w/lifts. (1000007020)	<b>Capital</b> \$187,500 Total \$150,000 Federal \$18,750 State \$18,750 Local
5	<b>20-39-083R Person Area Transportation System</b> will use Capital funds to purchase one (1) LTV w/lift and lettering & logo installation. (1000007154)	<b>Capital</b> \$60,600 Total \$48,480 Federal \$6,060 State \$6,060 Local
8	<b>20-39-073R Randolph County Senior Adults</b> will use Capital funds to purchase two (2) 20' LTV vehicles w/o lifts, three (3) 20' LTVs w/lifts, lettering and logo installation. (1000007049)	<b>Capital</b> \$293,250 Total \$234,600 Federal \$29,325 State \$29,325 Local
13	<b>20-39-068R Rutherford County Transportation</b> will use Capital funds to purchase a Minivan/Crossover with a lowered floor wheelchair ramp and lettering and logo installation. (1000007179)	<b>Capital</b> \$46,470 Total \$37,176 Federal \$4,647 State \$4,647 Local
3	<b>20-39-015R Sampson Area Transportation</b> will use Capital funds to purchase one (1) 20' LTV w/lift. (1000006956)	<b>Capital</b> \$60,000 Total \$48,000 Federal \$6,000 State \$6,000 Local
8	<b>20-39-071R Scotland County Area Transportation System</b> will use Capital funds to purchase three (3) 22' LTVs w/lifts. (1000007257)	<b>Capital</b> \$198,000 Total \$158,400 Federal \$19,800 State \$19,800 Local

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

<b>Highway Division</b>	<b>5339 Capital</b>	<b>Estimated Project Cost</b>
14	<b>20-39-032R Swain Transit</b> will use Capital funds to purchase one (1) raised roof van, one (1) 20' LTV w/lift, one (1) Minivan/Crossover and one (1) 28' LTV w/lift. (1000007242)	<b>Capital</b> \$235,000 Total \$188,000 Federal \$23,500 State \$23,500 Local
8	<b>20-39-061R The County of Lee</b> will use Capital funds to purchase five (5) 20' LTVs w/lifts, lettering and logo installation. (1000007122).	<b>Capital</b> \$302,475 Total \$241,980 Federal \$30,247 State \$30,248 Local
14	<b>20-39-057R Transylvania County Transportation</b> will use Capital funds to purchase one (1) 20' LTV w/lift and bike rack. (1000007197)	<b>Capital</b> \$62,820 Total \$50,256 Federal \$6,282 State \$6,282 Local
1	<b>20-39-066R Washington County Transportation</b> will use Capital funds to purchase one (1) 20' LTV w/no lift and one (1) 20' LTV w/lift; lettering and logo installation for each vehicle. (1000007285)	<b>Capital</b> \$116,500 Total \$93,200 Federal \$11,650 State \$11,650 Local
4	<b>20-39-043S City of Rocky Mount (Tar River Transit)</b> will use Capital funds to purchase five (5) vans and five (5) LTVs, lettering and logo installation each new vehicle. (1000006905).	<b>Capital</b> \$628,000 Total \$502,400 Federal \$62,800 State \$62,800 Local
2	<b>20-39-029S Craven Area Rural Transit System</b> will use Capital funds to purchase three (3) 20' LTVs w/lifts, lettering and logo installation and two (2) personal computers. (1000006866)	<b>Capital</b> \$184,500 Total \$147,600 Federal \$18,450 State \$18,450 Local
9	<b>20-39-026S Davidson County Transportation</b> will use Capital funds to purchase one (1) LTV, lettering and logo installation. (1000006816)	<b>Capital</b> \$75,320 Total \$60,256 Federal \$7,532 State \$7,532 Local

**NCDOT February 2019 Board of Transportation Agenda  
Public Transportation Program**

Highway Division	5339 Capital	Estimated Project Cost
4	<b>20-39-047S Goldsboro Wayne Transportation Authority</b> will use Capital funds to purchase three (3) 22' LTVs w/lifts and one (1) van. (1000007180).	<b>Capital</b> \$264,000 Total \$211,200 Federal \$26,400 State \$26,400 Local
3	<b>20-39-055S Onslow United Transit</b> will use Capital funds to purchase four (4) 20' LTVs w/lifts & lettering and logo installation for four (4) vehicles. (1000007235)	<b>Capital</b> \$241,432 Total \$193,145 Federal \$24,143 State \$24,144 Local
2	<b>20-39-064S Pitt Area Transit System</b> will use Capital funds to purchase two (2) raised roof vans w/lifts and lettering & logo installation. (1000006971)	<b>Capital</b> \$125,550 Total \$100,440 Federal \$12,555 State \$12,555 Local

Highway Division	Rural State Operating Grant - <b>Amendment from Jan 2019 BOT</b>	Estimated Project Cost
4	<b>20-RO-043 City of Rocky Mount/ Tar River Transit</b> will use state rural operating funding to provide transportation services for Seniors and the Disabled. (Went to the Jan 2019 Board as Federal funds, should be State funds)	<b>Operating</b> \$0 Total (\$64,446) Federal \$64,446 State \$0 Local
9, 11	<b>20-RO-031 Yadkin Valley Economic</b> will use state rural operating funding to provide transportation services for Seniors, Veterans, and the Disabled. (App: 1000007106) (Went to the Jan 2019 Board as Federal funds, should be State funds)	<b>Operating</b> \$0 Total (\$67,000) Federal \$67,000 State \$0 Local
1	<b>20-RO-005 Albemarle Regional Health Services (ARHS)</b> will use rural-state operating funds for the travel and transportation for clients/others. (1000007162) (Jan 2019 Item I-1 was submitted with total project of \$80,000 - it should be \$172,380. This amendment is to increase the total project by \$92,380 - State funds will increase by \$46,190)	<b>Operating</b> \$92,380 Total \$0 Federal \$46,190 State \$46,190 Local

**Item I-1: Total Projects 152: Total Federal and State funds \$ 34,081,654**

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)
TO-5137A	Charlotte Area Transit System	Blue Line Operation	CMAQ	CMAQ		10031								
			Local	L		2508								
TA-6696	City of Durham	Purchase Electric Buses	CMAQ	5307		800								
			Local	L		200								
TO-5024	CARTS	Operating Assistance	5307	FUZ	240	240	250	250	250					
			Local	L	240	240	250	250	250					
TG-5257	CARTS	ADA/paratransit	5307	FUZ	79	79	30	30	30					
			Local	L	20	20	8	8	8					
TG-5256	CARTS	Preventive Maintenance	5307	FUZ	38	38	40	40	40					
			Local	L	10	10	10	10	10					
TP-5122	CARTS	Short Range Planning	5307	FUZ	8	8	8	8	8					
			Local	L	2	2	2	2	2					
TT-5206	CARTS	Lease of Tablets	5307	FUZ	10	10	10	10	10					
			Local	L	2	2	2	2	2					
TA-6716	Western Piedmont Regional Transit Authority	Two Replacement Vehicles	STBGDA				360	360						
			Local	L			90	90						

**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)
TD-4721	Cape Fear Public Transportation Authority	WMMTC Construction	5307	STBG DA	1700									
			Local	L	425									

Item I-1A, (9) Projects, Total Federal and State funds: \$15,015,000

**NCDOT February 2019 Board of Transportation Agenda**

**Rail Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
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There will be no items presented for approval at the February 7, 2019 Board of Transportation meeting.

**ITEM I - 2 SUMMARY – NO PROJECTS**

**NCDOT February 2019 Board of Transportation Agenda**

**Division of Bicycle and Pedestrian Transportation  
Planning Grant Program Proposed Awards**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Elizabeth City Pasquotank County Division 1	<b>Elizabeth City</b> Pedestrian Plan Population 18,683 NCDOT Share - \$48,000 Local Share - \$12,000	\$60,000 Total \$17,712 Federal \$30,288 State \$12,000 Local
Kinston Lenoir County Division 2	<b>City of Kinston</b> Pedestrian Plan Population 20,509 NCDOT Share - \$48,000 Local Share - \$12,000	\$60,000 Total \$17,712 Federal \$30,288 State \$12,000 Local
Boiling Spring Lakes Brunswick County Division 3	<b>City of Boiling Spring Lakes</b> Pedestrian Plan Population 6,519 NCDOT Share - \$45,000 Local Share - \$5,000	\$50,000 Total \$16,605 Federal \$28,395 State \$5,000 Local
Enfield Halifax County Division 4	<b>Town of Enfield</b> Project Acceleration Plan Population 2,532 NCDOT Share - \$31,500 Local Share - \$3,500	\$35,000 Total \$11,624 Federal \$19,876 State \$3,500 Local
Lillington Harnett County Division 6	<b>Town of Lillington</b> Bicycle and Pedestrian Plan Population 3,582 NCDOT Share - \$45,000 Local Share - \$5,000	\$50,000 Total \$16,605 Federal \$28,395 State \$5,000 Local
Gibsonville Alamance County Division 7	<b>Town of Gibsonville</b> Bicycle Plan Population 7,029 NCDOT Share - \$45,000 Local Share - \$5,000	\$50,000 Total \$16,605 Federal \$28,395 State \$5,000 Local
Davie County Division 9	<b>Davie County</b> Pedestrian Plan Population 42,211 NCDOT Share - \$49,000 Local Share - \$21,000	\$70,000 Total \$18,081 Federal \$30,919 State \$21,000 Local
Huntersville Mecklenburg County Division 10	<b>Town of Huntersville</b> Bicycle Plan Population 60,000 NCDOT Share - \$60,000 Local Share - \$40,000	\$100,000 Total \$22,140 Federal \$37,860 State \$40,000 Local
Mount Pleasant Cabarrus County	<b>Mount Pleasant</b> Project Acceleration Plan Population 1,911	\$35,000 Total \$11,624 Federal

**February 7, 2019**

**NCDOT February 2019 Board of Transportation Agenda**

**Division of Bicycle and Pedestrian Transportation  
Planning Grant Program Proposed Awards**

Division 10	NCDOT Share - \$31,500 Local Share - \$3,500	\$19,876 \$3,500	State Local
Dallas Gaston County Division 12	<b>Town of Dallas</b> Bicycle/Pedestrian Plan Population 4,850 NCDOT Share - \$45,000 Local Share - \$5,000	\$50,000 \$16,605 \$28,395 \$5,000	Total Federal State Local
Fletcher Henderson County Division 14	<b>Town of Fletcher</b> Bicycle/Pedestrian Plan Population 8,233 NCDOT Share - \$45,000 Local Share - \$5,000	\$50,000 \$16,605 \$28,395 \$5,000	Total Federal State Local
Davie County Division 14	<b>Jackson County</b> Pedestrian Plan Population 42,973 NCDOT Share - \$49,000 Local Share - \$21,000	\$70,000 \$18,081 \$30,919 \$21,000	Total Federal State Local

**ITEM I-3 SUMMARY – 12 PROJECTS – (TOTAL FEDERAL, STATE AND LOCAL) \$680,000**



## NCDOT February 2019 Board of Transportation Agenda

### Aviation Program

**Division  
Airport  
County**

#### **Project Description**

##### **FINANCIAL AND AUDIT SYSTEMS PROCESS IMPROVEMENT AND IMPLEMENTATION**

Division 2  
Kinston Regional  
Jetport  
Lenoir County

This project is to position the North Carolina Global TransPark (NCGTP) for expansion of operations and increased business engagement through enhancements in financial reporting and functional capabilities. The goal is to support completion of current financial requirements for reporting and auditing, to evaluate existing systems, recommend and implement process improvement of financial systems to meet reporting requirements for expanded operational and business needs at NCGTP.

ITEM I-4 SUMMARY – 1 PROJECT – (TOTAL STATE COST) \$150,000.

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

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Onslow Co. Div. 3 U-5716 STATEWIDE	WBS 50116.2.1 NC 24 at US 258 (Richlands Highway) intersection. Initial funds are requested for full right of way and utilities. <b>This is a Cash Flow project with \$1,000,000.00 in SFY 19 and \$8,500,000.00 in SFY 20 and SFY 21</b>	\$18,000,000.00
Johnston/ Wake Cos. Divs. 4/5 R-2828 STATEWIDE	WBS 35516.2.TA1 Southern Wake Freeway (Future NC 540) from US 401 to I-40. \$31,740,000.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$21,740,000.00). WBS will remain open.	-\$21,740,000.00
Johnston/ Wake Cos. Divs. 4/5 R-2828 STATEWIDE	WBS 35516.3.TA0 Southern Wake Freeway (Future NC 540) from US 401 to I-40. Initial funds are requested for early activities pursuant to the May 3, 2018 Board of Transportation Resolution for Complete 540 advance funding.	\$25,000,000.00
Wake Co. Div. 5 R-2721A STATEWIDE	WBS 37673.2.TA1 NC 540 from NC 55 Bypass to east of SR 1152 (Holly Springs Road). \$21,370,000.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$1,370,000.00). WBS will remain open.	-\$1,370,000.00
Wake Co. Div. 5 R-2721A STATEWIDE	WBS 37673.3.TA2 NC 540 from NC 55 Bypass to east of SR 1152 (Holly Springs Road). Initial funds are requested for early activities pursuant to the May 3, 2018 Board of Transportation Resolution for Complete 540 advance funding.	\$5,000,000.00

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 R-2721B STATEWIDE	WBS 37673.3.TA3 NC 540 from east of SR 1152 (Holly Springs Road) to east of US 401. Initial funds are requested for early activities pursuant to the May 3, 2018 Board of Transportation Resolution for Complete 540 advance funding.	\$10,000,000.00
Wake Co. Div. 5 R-2721B STATEWIDE	WBS 37673.2.TA2 NC 540 from east of SR 1152 (Holly Springs Road) to east of US 401. \$40,420,000.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$10,420,000.00). WBS will remain open.	-\$10,420,000.00
Wake Co. Div. 5 TD-5264B DIVISION	WBS 54009.1.1 Cary transit/C-Tran. Construct bus maintenance facility at Towerview Court in Cary. \$88,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$88,000.00). WBS will be closed.	-\$88,000.00
Wake Co. Div. 5 U-5518A STATEWIDE	WBS 43612.1.2 US 70 (Glenwood Avenue) from west of SR 3067 (T. W. Alexander Drive) to I-540. \$200,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$198,066.95). WBS will be closed.	-\$198,066.95
Wake Co. Div. 5 U-5518B REGIONAL/ STATEWIDE	WBS 43612.2.3 US 70 (Glenwood Avenue) at SR 3067 (T.W. Alexander Drive). \$3,665,878.42 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are requested.	\$38,000.00

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 U-5518B STATEWIDE	WBS 43612.1.3 US 70 (Glenwood Avenue) at SR 3067 (T.W. Alexander). \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$10,000.000). WBS will be closed.	-\$10,000.00
Wake Co. Div. 5 U-5518C STATEWIDE	WBS 43612.1.4 US 70 (Glenwood Avenue) at SR 3100 - SR 3109 (Brier Creek Parkway) in Raleigh. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$10,000.00). WBS will be closed.	-\$10,000.00
Cumberland Co. Div. 6 W-5206AM(L) STATEWIDE	WBS 45336.3.42 NC 24/NC 87 from Barrington cross street to east of Martin Luther King westbound ramps; NC 24/ NC 210 (Rowan Street) between Ray Avenue and Ramsey Street. \$74,767.00 has previously been approved for landscaping. Additional funds are requested.	\$104,315.00
Cumberland Co. Div. 6 W-5601AG(L) REGIONAL	WBS 50138.3.250 NC 53/NC 210 (Cedar Creek Road) from west of I-95 to east of I-95. \$38,485.00 has previously been approved for landscaping. Additional funds are requested.	\$72,200.00
Guilford Co. Div. 7 U-5896 DIVISION	WBS 44674.2.1 US 29 / US 70 / Business 85 at SR 1009 (South Main Street) in High Point. \$577,875.00 has previously been approved for advanced acquisition of a specific parcel. Initial funds are requested for full right of way and utilities. This is a <b>BUILD NC BOND</b> project with a principal amount of \$11,000,000.00. Bond repayment requires \$944,000.00 of State Highway Trust Funds in SFY 19 through SFY 33. This project also has \$4,881,000.00 in additional State Highway Trust Funds in SFY 19.	\$19,041,000.00

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Orange Co. Div. 7 U-5854 DIVISION	WBS 46382.3.1 SR 1008 (Mt. Carmel Church Road) at SR 1913 (Bennett Road) in Chapel Hill. Construct roundabout. \$1,200,000.00 has previously been approved for construction. Additional funds are requested.	\$650,000.00
Rockingham Co. Div. 7 R-5704 REGIONAL	WBS 46376.3.1 NC 87 at SR 1998 (Wentworth Street) / SR 1001 (Sandy Cross Road). \$1,700,000.00 has previously been approved for construction. Additional funds are requested.	\$270,000.00
Montgomery Co. Div. 8 R-2527 REGIONAL	WBS 35572.2.1 NC 24 - 27 from NC 73 to the Troy Bypass. Initial funds are requested for full right of way. This is a <b>BUILD NC BOND</b> project with a principal amount of \$8,000,000.00. Bond repayment requires \$686,000.00 of State Highway Trust Funds in SFY 19 through SFY 33. This project also has \$1,437,000.00 in additional State Highway Trust Funds in SFY 19.	\$11,727,000.00
Forsyth Co. Div. 9 R-2247D STATEWIDE/ REGIONAL	WBS 34409.2.10 Winston-Salem Northern Beltway (Western Section), north of SR 1348 (Robinhood Road - Meadowlark Drive) to NC 67. \$7,943,277.00 has previously been approved for appraisal and acquisition of specific parcels. Funds are requested for advanced acquisition of Specific Parcel 900 (Property of Heirs of V. Gray Martin, Jr.) for \$209,000.00. Additional funds are requested using Statewide tier funding.	\$209,000.00
Forsyth Co. Div. 9 U-5899 DIVISION	WBS 44689.2.1 New route from Forum Parkway Connector from SR 3955 (Forum Parkway) to NC 66 (University Parkway) in Rural Hall. Funds are requested for advanced acquisition of Specific Parcel 900 (Property of Williams Printing Co.) for \$1,500,000.00.	\$1,500,000.00

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Rowan Co. Div. 9 P-5726 REGIONAL	WBS 47604.2.1 Norfolk Southern Main track. Construct track improvements, second platform, pedestrian underpass, sitework retaining wall and signaling equipment. Initial funds are requested for full right of way and utilities.	\$1,638,000.00
Mecklenburg Co. Div. 10 I-5904 STATEWIDE	WBS 45887.1.1 I-485 from Milemarker 43 to Milemarker 49. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$650,000.00
Mecklenburg Co. Div. 10 U-5767 REGIONAL	WBS 50180.2.1 US 21 (Statesville Road) from Northcross Center Court to SR 2147 (Westmoreland Road). Initial funds are requested for full right of way.	\$2,200,000.00
Mecklenburg Co. Div. 10 U-6103 STATEWIDE	WBS 48136.1.1 US 74 (Independence Boulevard) from I-277 to NC 27 (Albemarle Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,000,000.00
Stanly Co. Div. 10 R-2530B REGIONAL	WBS 34446.3.4 NC 24 - 27 from Bird Road in Albemarle to west of the Pee Dee River. Initial funds are requested for construction. This is a <b>BUILD NC BOND</b> project with a principal amount of \$30,000,000.00. Bond repayment requires \$2,574,000.00 of State Highway Trust Funds in SFY 19 through SFY 33. <b>This project also has additional cash flowed State Highway Trust Funds of \$1,936,000.00 in SFY 19 and \$12,258,000.00 in SFY 20 through SFY 22.</b>	\$77,320,000.00

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Union Co. Div. 10 U-5703B STATEWIDE	WBS 50129.1.3 US 74 (Roosevelt Boulevard), realign James Hamilton Road to intersect with SR 1514 (Rocky River Road) at Myers Road. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,000.00). Funds are not needed at this time. WBS will remain open.	-\$9,000.00
Avery Co. Div. 11 R-5911 DIVISION	WBS 48466.1.1 US 19E at NC 194 intersection. Initial funds are requested for preliminary engineering.	\$10,000.00
Caldwell Co. Div. 11 U-6157 DIVISION	WBS 48471.1.1 SR 1130 (Cajah Mountain Road) from SR 1001 (Connelly Springs Road) to US 321A. Initial funds are requested for preliminary engineering.	\$10,000.00
Caldwell Co. Div. 11 U-6161 DIVISION	WBS 48472.1.1 US 321 at SR 1002 (Dudley Shoals Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Surry Co. Div. 11 R-5905 DIVISION	WBS 48463.1.1 NC 89 (West Pine Street) at SR 1387 (Toast Road) to SR 1396 (Pine Ridge Road). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Surry Co. Div. 11 R-5910 DIVISION	WBS 48465.1.1 US 21 Business (North Bridge Street) at NC 268 (CC Camp Road) intersection. Initial funds are requested for preliminary engineering.	\$10,000.00
Watauga Co. Div. 11 U-5715 STATEWIDE	WBS 50131.3.1 US 321/421, NC 194 (King Street) at College Street intersection. Initial funds are requested for construction.	\$600,000.00
Yadkin Co. Div. 11 R-5909 DIVISION	WBS 48464.1.1 SR 1314 (East Main Street) at US 601 to SR 1765 (Unifi Industrial Road) in Yadkinville. Initial funds are requested for preliminary engineering.	\$10,000.00
Yadkin Co. Div. 11 R-5912 DIVISION	WBS 48467.1.1 SR 1605 (Old US 421) at SR 1600 (Falcon Road) intersection. Initial funds are requested for preliminary engineering.	\$10,000.00
Yadkin Co. Div. 11 R-5913 DIVISION	WBS 48468.1.1 NC 67 (Elm Street) at NC 67 (North Bridge Street) to US 21 Business (West Main Street) in Jonesville. Initial funds are requested for preliminary engineering.	\$10,000.00



**NCDOT February 2019 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Madison Co. Div. 13 I-5831 STATEWIDE	WBS 53037.1.1 I-26 from Milemarker 4 to Milemarker 9. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,217.02). WBS will be closed. Project is deleted.	-\$9,217.02
Cherokee Co. Div. 14 R-5908 DIVISION	WBS 48469.1.1 US 19 / US 74 / US 129 from US 64 to SR 1689 (Casino Parkway). Initial funds are requested for preliminary engineering.	\$10,000.00
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.3.1 NC 175 from Georgia State Line to US 64, upgrade roadway. Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published January 8, 2018. This is a <b>BUILD NC BOND</b> project with a principal amount of \$6,000,000.00. Bond repayment requires \$515,000.00 of State Highway Trust Funds in SFY 19 through SFY 33. <b>This project also has \$15,300,000.00 which is cash flow with \$764,000.00 in SFY 19 and \$7,268,000.00 in SFY 20 and SFY 21.</b>	\$23,025,000.00
Haywood Co. Div. 14 R-5921 DIVISION	WBS 48470.1.1 US 276 (Jonathan Creek) from US 19 to I-40. Initial funds are requested for preliminary engineering.	\$10,000.00
Henderson Co. Div. 14 I-4400BB STATEWIDE	WBS 34232.2.10 I-26 from US 64 (Exit 49) to US 25 Business (Exit 44). Initial funds are needed for full right of way and utilities.	\$2,000,000.00

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide M-0219 STATEWIDE	WBS 35511 Statewide - Aerial Photography for projects which cannot be forecasted or for which there is an urgent need. \$4,057,926.00 has previously been approved for preliminary engineering. Additional funds are requested. <b>This project has previously been identified as a Trust Fund Specific State Funds for Construction project.</b>	\$200,000.00
Statewide F-5703B DIVISION	WBS 47256.3.2 Two support/anchor tugs, one support tug and three barges. Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published January 8, 2018.	\$4,200,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	18 PROJECTS	\$28,788,031.03
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	6 PROJECTS	\$93,227,200.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	16 PROJECTS	\$48,428,000.00
STATEWIDE/REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$247,000.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>42 PROJECTS</b>	<b>\$170,690,231.03</b>

**NCDOT February 2019 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**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Tarboro/ Edgecombe Co. Div. 4 SM-5704C	WBS 48479.3.1 NC 111 (Wilson Street) at Edgecombe County Early College High School at Edgecombe Community College. Initial Spot Mobility funds are needed for construction of improved Loop Road access to Edgecombe County Early College High School. File 04-18-55249C	\$150,000.00
Divisionwide Div. 8 SM-5708B	WBS 48477.3.1 Division 8 School Reimbursement. Initial Spot Mobility funds are needed to provide reimbursements for road improvements adjacent to schools per G.S. 136-18 (29a). File 08-19-001C	\$530,000.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910DF	WBS 47831.3.1 I- 485 ramp to I-77 in Charlotte. \$31,500.00 in Spot Safety construction funds has previously been approved for guardrail installation. Additional funds are needed due to an increase in construction costs. File 10-17-280-1	\$3,200.00
<b>ITEM L SUMMARY</b>	<b>3 PROJECTS</b>	<b>\$683,200.00</b>

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 1**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Camden Co. W-5701D STATEWIDE	44847.1.4, HSIP-0017(177) US 17 at SR 1251 (Morgans Corner Road). Funds are needed for preliminary engineering.	\$120,000.00 Cost \$108,000.00 Fed. \$12,000.00 State
Chowan Co. W-5701E REGIONAL	44847.1.5, HSIP-0032(010) NC 32 / NC 37 (Haughton Road) at NC 32 (Poplar Neck Road) and SR 1108 (Indian Trail Road). Funds are needed for preliminary engineering.	\$92,000.00 Cost \$82,800.00 Fed. \$9,200.00 State

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 2**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Pitt Co. W-5702M DIVISION	44848.2.13, HSIP-1711(006) SR 1711 (Worthington Road) at SR 1709 (Corey Road). Funds are needed for full right of way and utilities.	\$198,000.00 Cost \$178,200.00 Fed. \$19,800.00 State

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 3**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Sampson Co. I-5780 STATEWIDE	53021.3.1, NHFP-0040(072) I-40 in Sampson County from the Johnston County Line to the Duplin County Line. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 13, 2018.	\$14,910,000.00 Cost \$11,928,000.00 Fed. \$2,982,000.00 State

**Bridge**

Duplin Co. B-5641 DIVISION	45596.2.1, BRZ-1946(002) Replace Bridge #201 over Island Creek on SR 1946. Funds are needed for full right of way and utilities.	\$40,000.00 Cost \$32,000.00 Fed. \$8,000.00 State
Sampson Co. B-5631 DIVISION	45586.2.1, BRZ-1620(004) Replace Bridge #169 over Big Juniper Run on SR 1620. Funds are needed for full right of way and utilities.	\$90,000.00 Cost \$72,000.00 Fed. \$18,000.00 State
Sampson Co. B-5651 DIVISION	45606.2.1, BRZ-1706(005) Replace Bridge #214 over Kill Creek on SR 1706. Funds are needed for full right of way and utilities.	\$15,000.00 Cost \$12,000.00 Fed. \$3,000.00 State

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Johnston Co. I-5972 REGIONAL	44989.2.1, NHP-0095(045) I-95 at US 70 Business. Funds are needed for full right of way and utilities.	\$3,300,000.00 Cost \$2,640,000.00 Fed. \$660,000.00 State
Johnston Co. I-6043 STATEWIDE	47992.3.1, NHPIM-0095(062) I-95 from the Harnett County Line to SR 1927 (Pine Level Selma Road). Funds are needed for construction to upgrade guardrails and improve median drainage.	\$3,000,000.00 Cost \$2,400,000.00 Fed. \$600,000.00 State

**Enhancement**

Nash Co. ER-5600DE DIVISION	46305.3.62, STP-0274(010) US 264 in Nash County. Funds are needed for Landscaping.	\$486,000.00 Cost \$388,800.00 Fed. \$97,200.00 State
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**Bridge**

Nash Co. B-5980 STATEWIDE	47617.2.1, NHP-1522(005) Replace Bridge #203 over I-95 on SR 1522. Funds are needed for full right of way and utilities.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State
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**Safety**

Edgecombe Co. W-5601DN REGIONAL	50138.3.119, HSIP-0111(022) NC 111 / NC 122 between 0.18 mile south of SR 1006 (Bullock School Road / McKendree Church Road) and 0.32 mile north of SR 1006 (Bullock School Road / McKendree Church Road). Funds are needed for construction to realign intersection.	\$775,000.00 Cost \$697,500.00 Fed. \$77,500.00 State
Johnston Co. W-5704T STATEWIDE	44850.3.20, HSIP-0040(087) I-40 between the Wake County Line and Milemarker 318. Funds are needed for construction to upgrade guardrail end units.	\$180,000.00 Cost \$162,000.00 Fed. \$18,000.00 State

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Johnston Co. W-5704U STATEWIDE	44850.3.21, HSIP-0040(088) I-40 between Milemarker 318 and Milemarker 328. Funds are needed for construction to upgrade guardrail end units.	\$230,000.00 Cost \$207,000.00 Fed. \$23,000.00 State
Johnston Co. W-5704V STATEWIDE	44850.3.22, HSIP-0040(089) I-40 between Milemarker 328 and the Sampson County Line. Funds are needed for construction to upgrade guardrail end units.	\$240,000.00 Cost \$216,000.00 Fed. \$24,000.00 State
Nash Co. W-5704Q STATEWIDE	44850.3.17, HSIP-0095(064) I-95 between the Wilson County Line and just north of Milemarker 145. Funds are needed for construction to upgrade guardrail end units.	\$249,000.00 Cost \$224,100.00 Fed. \$24,900.00 State
Nash Co. W-5704R STATEWIDE	44850.3.18, HSIP-0095(065) I-95 between the Halifax County Line and just north of Milemarker 145, and US 64 between the Franklin County Line and just west of NC 581. Funds are needed for construction to upgrade guardrail end units.	\$249,000.00 Cost \$224,100.00 Fed. \$24,900.00 State
Wilson Co. W-5704P STATEWIDE	44850.3.16, HSIP-0095(063) I-95 between the Johnston County Line and the Nash County Line, and I-795 between the Wayne County Line and I-95. Funds are needed for construction to upgrade guardrail end units.	\$249,000.00 Cost \$224,100.00 Fed. \$24,900.00 State

**Rural**

Halifax Co. R-5784DC DIVISION	44914.3.11, TAP-0430(009) ADA Ramps (Americans with Disabilities Act) for areas with a population > 5,000. Funds are needed for construction to install concrete curb ramps and retrofit existing ramps to current standards.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
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**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. I-5311(L) STATEWIDE	46265.3.2, NHP-0040(091) I-40 from Exit 301 to north of US 64-264 (Knightdale Bypass) (combined with: I-5338: I-40 / US 64 from west of SR 1319 (Jones Franklin Road) to east of I-440 / US 64 at Exit 301). Funds are needed for Landscaping.	\$1,628,370.00 Cost \$1,302,696.00 Fed. \$325,674.00 State

**Urban**

Wake Co. U-5515 DIVISION	55056.3.1, STPDA-0527(014) SR 1930 (Stadium Drive) from US 1 (Capital Boulevard) to SR 1954 (North Wingate Street) in Wake Forest. \$2,848,000.00 has previously been approved for construction. Additional funds are needed as requested for complete street improvements.	\$6,077,500.00 Cost \$3,038,750.00 Fed. \$3,038,750.00 Local
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**Safety**

Wake Co. W-5522(L) DIVISION	50143.3.2, HSIP-1656(006) SR 1656 (Trinity Road) at SR 1658 (Youth Center Drive). Funds are needed for Landscaping.	\$57,770.00 Cost \$51,993.00 Fed. \$5,777.00 State
Wake Co. W-5601EF DIVISION	50138.3.136, HSIP-1664(009) SR 1664 (Duraleigh Road) at Charles B. Root Wynd in Raleigh. Funds are needed for construction to widen roadway.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5 (Continued)**

**Rural**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Divisionwide R-5785C DIVISION	44915.3.4, TAP-0505(051) ADA Ramps (Americans with Disabilities Act) at various locations in Highway Division 5. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 13, 2018.	\$375,000.00 Cost \$300,000.00 Fed. \$75,000.00 State
Divisionwide R-5785D DIVISION	44915.3.5, TAP-0505(052) ADA Ramps (Americans with Disabilities Act) at various locations in Highway Division 5. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 13, 2018.	\$733,245.00 Cost \$586,596.00 Fed. \$146,649.00 State

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 6**

**Enhancement**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cumberland Co. U-4444AB(L) STATEWIDE	36492.3.FS5, STP-0210(033) NC 210 (Murchison Road) from north of SR 1613 (Honeycutt Road) to north of NC 24 / NC 87 / NC 210 in Spring Lake. \$441,723.00 has previously been approved for Landscaping. Additional funds are needed as requested.	\$41,941.00 Cost \$33,552.00 Fed. \$8,389.00 State

**Safety**

Bladen Co. W-5706Q REGIONAL	44852.3.17, 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 construction to install rumble stripes and thermoplastic pavement markings.	\$711,000.00 Cost \$639,900.00 Fed. \$71,100.00 State
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**Bicycle and Pedestrian**

Cumberland Co. U-5528FD DIVISION	50078.1.6, TAP-0620(053) Fayetteville Connector Trail - Construct multi-use path off Eastern Boulevard connecting the Linear Park Trail with the Cape Fear River Trail. Funds are needed for preliminary engineering.	\$12,500.00 Cost \$10,000.00 Fed. \$2,500.00 Local
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**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 7**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Orange Co. U-5549 DIVISION	50153.3.F1, STPDA-0711(016) Hillsborough Downtown Access Improvements. \$125,000.00 has previously been approved for construction. Additional funds are needed as requested for curb relocations, intersection improvements, and the removal of on-street parking.	\$289,675.00 Cost \$231,740.00 Fed. \$57,935.00 Local

**Bridge**

Guilford Co. B-4960 DIVISION	40153.1.1, BRZ-3058(002) Replace Bridge #214 over Little Alamance Creek on SR 3058. \$139,158.72 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$525,000.00 Cost \$420,000.00 Fed. \$105,000.00 State
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**Safety**

Divisionwide W-5707L DIVISION	44853.1.12, HSIP-0708(111) Various secondary routes in Highway Division 7. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
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**Bicycle and Pedestrian**

Guilford Co. EB-5878 DIVISION	47273.1.1, TAP-1007(037) West Meadowview Road from SR 1007 (Randleman Road) to South Elm-Eugene Street in Greensboro. Funds are needed for preliminary engineering.	\$17,500.00 Cost \$14,000.00 Fed. \$3,500.00 Local
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**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 9**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Stokes/ Davie Co. W-5709I DIVISION	44855.1.9, HSIP-0918(117) Various secondary routes in Stokes and Davie Counties. Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mecklenburg Co. U-5908 EXEMPT	46453.2.1, STP-0115(009) Main street from NC 115 (Old Statesville Road) / SR 2004 (Mount Holly Huntersville Road) to south of Ramah Church Road in Huntersville. \$1,000,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$1,750,000.00 Cost \$2,000,000.00 Fed. -\$250,000.00 Local
Union Co. U-6091 DIVISION	47885.2.1, STBGDA-1003(167) SR 1344 (Matthews Weddington Road) at SR 1362 (Chestnut Lane) near Stallings. Funds are needed for full right of way and utilities.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
<b>Safety</b>		
Union Co. W-5710H REGIONAL	44856.3.8, HSIP-0218(015) NC 218 at SR 1525 (Mill Grove Road) near Fairview. Funds are needed for construction to install roundabout.	\$850,000.00 Cost \$765,000.00 Fed. \$85,000.00 State
Union Co. W-5710Q REGIONAL	44856.2.17, HSIP-0205(004) NC 205 at NC 218 in Union County. Funds are needed for full right of way and utilities.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
Union Co. W-5710Y DIVISION	44856.2.25, HSIP-1315(021) SR 1315 (New Town Road) and SR 1008 (Waxhaw Indian Trail) in Wesley Chapel. Funds are needed for full right of way and utilities.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10 (Continued)**

**Bicycle and Pedestrian**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mecklenburg Co. EB-5829 DIVISION	45969.1.1, STBGDA-3448(001) Four Mile Creek Greenway Crossing - Construct a greenway crossing under SR 3448 (South Trade Street) in Matthews. Funds are needed for preliminary engineering.	\$150,000.00 Cost \$113,100.00 Fed. \$36,900.00 Local
Mecklenburg Co. EB-5832 DIVISION	47248.2.1, TAP-2833(004) SR 2472 (West Mallard Creek Church Road) from SR 2467 (Mallard Creek Road) to approximately 600 feet past Claude Freeman Drive in Charlotte. Funds are needed for full right of way and utilities.	\$450,000.00 Cost \$360,000.00 Fed. \$90,000.00 Local
Mecklenburg Co. EB-5929 DIVISION	47694.1.1, STBGDA-1003(161) Belk Greenway Connector Phase One - Construct greenway from East Stonewall Street at South Davidson Street to South Kings Drive in Charlotte. Funds are needed for preliminary engineering.	\$184,350.00 Cost \$129,045.00 Fed. \$55,305.00 Local

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 12**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Gaston Co. C-5606D EXEMPT	43728.1.5, CMAQ-1210(008) Gaston College Sidewalk Project - Construct sidewalks along US 321B and NC 275 / NC 279 near Gaston College. Funds are needed for preliminary engineering.	\$86,903.00 Cost \$69,522.00 Fed. \$17,381.00 Local

**Bicycle and Pedestrian**

Catawba Co. EB-5808 DIVISION	46463.1.1, STBGDA-1229(035) Hickory Pedestrian Signal Project - Upgrade current pedestrian signals and install new pedestrian signals at various locations in Hickory. Funds are needed for preliminary engineering.	\$90,000.00 Cost \$72,000.00 Fed. \$18,000.00 Local
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**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 14**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Haywood Co. I-5922 STATEWIDE	45930.3.1, STBGIM-0040(090) I-40 from the Tennessee State Line to Milemarker 7. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 13, 2018.	\$7,000,000.00 Cost \$5,600,000.00 Fed. \$1,400,000.00 State
Haywood Co. I-5923 STATEWIDE	45932.3.1, NHPIM-0040(085) I-40 from Milemarker 7 to Milemarker 15. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published December 13, 2018.	\$7,800,000.00 Cost \$6,240,000.00 Fed. \$1,560,000.00 State

**Appalachian**

Clay Co. A-0011C DIVISION	32574.1.FD7, APD-0069(007) NC 69 / US 64 from the Georgia State Line to US 64 (Hayesville Bypass). \$750,625.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,300,000.00 Cost \$2,300,000.00 Fed.
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**Bridge**

Henderson Co. B-6021 DIVISION	48216.3.1, BRZ-1840(001) Replace Bridge #180 over North Pacolet River on SR 1840. Funds are needed for construction to replace bridge.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State
Henderson Co. B-6022 DIVISION	48217.3.1, BRZ-1605(009) Replace Bridge #215 over Toms Fork Creek on SR 1605. Funds are needed for construction to replace bridge.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
Henderson Co. B-6023 DIVISION	48218.3.1, BRZ-1126(009) Replace Bridge #192 over Mud Creek on SR 1126. Funds are needed for construction to replace bridge.	\$650,000.00 Cost \$520,000.00 Fed. \$130,000.00 State

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 14 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Polk Co. B-6020 DIVISION	48215.3.1, BRZ-1138(023) Replace Bridge #144 over Panther Creek on SR 1138. Funds are needed for construction to replace bridge.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 State
Transylvania Co. B-6024 DIVISION	48219.3.1, BRZ-1361(011) Replace Bridge #162 over Silver Creek on SR 1361. Funds are needed for construction to replace bridge.	\$400,000.00 Cost \$320,000.00 Fed. \$80,000.00 State

**Safety**

Divisionwide W-5714L REGIONAL	44862.1.12, HSIP-1420(013) Various routes in Highway Division 14. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Henderson Co. W-5714J DIVISION	44862.1.10, HSIP-1358(005) SR 1358 (Fanning Bridge Road) at SR 1359 (Rutledge Road) in Fletcher. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
Jackson Co. W-5714I STATEWIDE	44862.1.9, HSIP-0023(037) US 23 / US 74 near SR 1538 (Wilson Drive) in Balsam. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Macon Co. W-5714K REGIONAL	44862.1.11, HSIP-0106(005) NC 106 from the Georgia State Line to SR 1618 (Glen Falls Road) near Highlands. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

**NCDOT February 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Statewide**

**Rural**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide R-4436 STATEWIDE	34625.1.1, STP-000S(320) National Pollutant Discharge Elimination System (NPDES) Highway Stormwater Program. \$33,544,998.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,500,000.00 Cost \$2,000,000.00 Fed. \$500,000.00 State

**Planning and Research**

Statewide M-0531A EXEMPT	48457.1.1, FSP-0FSP(001) FY 2019 NCDOT Scholarship Program. Funds are needed for the North Carolina Transportation Fellows Scholarship Program.	\$55,500.00 Cost \$55,500.00 Fed.
Statewide NO ID STATEWIDE	44100.4.3, SPR-0SPR(233) RP2019-45 DBE Program Evaluation - Research to improve Disadvantaged Business Enterprise (DBE) programs and participation rates. Funds are needed for planning and research.	\$155,429.00 Cost \$124,343.00 Fed. \$31,086.00 State
Statewide NO ID STATEWIDE	44100.4.2, SPR-0SPR(157) RP2018-32 Flood Abatement Research. \$286,181.00 has previously been approved for planning and research. Additional funds are needed as requested.	\$68,763.00 Cost \$55,010.00 Fed. \$13,753.00 State

**ITEM M SUMMARY - 59 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$60,692,175.00**

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 3**

* R-5885A	NC 24 (WEST CORBETT AVENUE), REPLACE CULVERT	RIGHT-OF-WAY	2020	\$500,000	(T)
ONSLOW	EAST OF WEST SHORE DRIVE.	UTILITIES	2020	\$500,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF DIVISION</u>	CONSTRUCTION	2021	<u>\$2,500,000</u>	(T)
REGIONAL	<u>TO ADDRESS IMMEDIATE NEED.</u>			\$3,500,000	

**DIVISION 11**

\* R-5905  
SURRY  
PROJ.CATEGORY  
DIVISION

NC 89 (WEST PINE STREET), SR 1387 (TOAST ROAD)  
TO SR 1396 (PINE RIDGE ROAD). MODERNIZE  
ROADWAY AND IMPROVE INTERSECTION AT SR1396  
(PINE RIDGE ROAD).

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

\* R-5909  
YADKIN  
PROJ.CATEGORY  
DIVISION

SR 1314 (EAST MAIN STREET), US 601 TO SR 1765  
(UNIFI INDUSTRIAL ROAD) IN YAKDINVILLE.  
MODERNIZE ROADWAY, INCLUDING IMPROVEMENTS  
AT THE US 601 AND VAN BUREN STREET  
INTERSECTIONS.

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

\* R-5910  
SURRY  
PROJ.CATEGORY  
DIVISION

US 21 BUSINESS (NORTH BRIDGE STREET), NC 268  
(CC CAMP ROAD) INTERSECTION. IMPROVE US 21  
BUSINESS NORTHBOUND TO NC 268 EASTBOUND  
MOVEMENT.

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

\* R-5911  
AVERY  
PROJ.CATEGORY  
DIVISION

US 19E, NC 194 INTERSECTION. CONSTRUCT RIGHT  
TURN LANE FROM US 19E NORTHBOUND TO NC 194  
EASTBOUND.

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

\* R-5912  
YADKIN  
PROJ.CATEGORY  
DIVISION

SR 1605 (OLD US 421), SR 1600 (FALCON ROAD)  
INTERSECTION. CONSTRUCT ROUNDABOUT.

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

\* INDICATES FEDERAL AMENDMENT

Thursday, February 07, 2019

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 11**

\* R-5913 NC 67 (ELM STREET), NC 67 (NORTH BRIDGE STREET)  
YADKIN TO US 21 BUSINESS (WEST MAIN STREET) IN  
PROJ.CATEGORY JONESVILLE. WIDEN ROADWAY AND CONSTRUCT  
DIVISION ROUNDABOUTS AT NORTH BRIDGE STREET AND ELM  
STREET.  
**PROGRAMMED FOR PLANNING AND ENVIRONMENTAL  
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI  
PROJECT.**

\* U-6157 SR 1130 (CAJAH MOUNTAIN ROAD), SR 1001  
CALDWELL (CONNELLY SPRINGS ROAD) TO US 321A. MODERNIZE  
PROJ.CATEGORY ROADWAY.  
DIVISION **PROGRAMMED FOR PLANNING AND ENVIRONMENTAL  
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI  
PROJECT.**

\* U-6161 US 321, SR 1002 (DUDLEY SHOALS ROAD) GRADE  
CALDWELL SEPARATION. CONSTRUCT RAMP ONTO US 321  
PROJ.CATEGORY SOUTHBOUND.  
DIVISION **PROGRAMMED FOR PLANNING AND ENVIRONMENTAL  
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI  
PROJECT.**

**DIVISION 12**

* EB-5911A	OLD LENOIR ROAD MULTI-USE PATH, 9TH STREET NW	CONSTRUCTION	FY 2020 -	\$3,520,000	(TAANY)
CATAWBA	TO 12TH AVENUE NW (GEITNER ROAD). CONSTRUCT		FY 2020 -	\$880,000	(L)
PROJ.CATEGORY	MULTI-USE PATH.			\$4,400,000	
DIVISION	<b><u>PROJECT SEGMENT ADDED NOT PREVIOUSLY PROGRAMMED PER MPO.</u></b>				

* EB-5911B	OLD LENOIR ROAD MULTI-USE PATH, 12TH AVENUE	ENGINEERING	FY 2020 -	\$489,000	(BGDA)
CATAWBA	NW (GEITNER ROAD) TO HICKORY WATER PLANT.		FY 2020 -	\$123,000	(L)
PROJ.CATEGORY	CONSTRUCT MULTI-USE PATH.	RIGHT-OF-WAY	FY 2020 -	\$612,000	(BGDA)
DIVISION	<b><u>PROJECT SEGMENT ADDED NOT PREVIOUSLY PROGRAMMED PER MPO.</u></b>		FY 2020 -	\$153,000	(L)
		CONSTRUCTION	FY 2021 -	\$2,978,000	(BGDA)
			FY 2021 -	\$745,000	(L)
				\$5,100,000	

* EB-5977	9TH STREET NW CONNECTOR, CITY WALK TO OLD	ENGINEERING	FY 2021 -	\$192,000	(BGDA)
CATAWBA	LENOIR ROAD IN HICKORY. CONSTRUCT MULTI-USE		FY 2021 -	\$48,000	(L)
PROJ.CATEGORY	TRAIL ALONG 9TH STREET NW.	RIGHT-OF-WAY	FY 2021 -	\$240,000	(BGDA)
DIVISION	<b><u>ADD PRELIMINARY ENGINEERING IN FY 21, RIGHT-OF- WAY IN FY 21, AND CONSTRUCTION IN FY 22 NOT PREVIOUSLY PROGRAMMED PER MPO.</u></b>		FY 2021 -	\$60,000	(L)
		CONSTRUCTION	FY 2022 -	\$1,168,000	(BGDA)
			FY 2022 -	\$292,000	(L)
				\$2,000,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, February 07, 2019

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 13**

* EB-5978	COLLEGE STREET MULTIMODAL CONNECTOR, NORTH	ENGINEERING	FY 2020 -	\$249,000	(BGDA)
BURKE	GREEN STREET TO US 70 IN MORGANTON.		FY 2020 -	\$63,000	(L)
PROJ.CATEGORY	CONSTRUCT MULTI-USE PATH.	RIGHT-OF-WAY	FY 2020 -	\$80,000	(BGDA)
DIVISION	<u>ADD PRELIMINARY ENGINEERING IN FY 20, RIGHT-OF-WAY IN FY 20, AND CONSTRUCTION IN FY 21 NOT PREVIOUSLY PROGRAMMED PER MPO.</u>		FY 2020 -	\$20,000	(L)
		CONSTRUCTION	FY 2021 -	\$2,320,000	(BGDA)
			FY 2021 -	\$580,000	(L)
				<u>\$3,312,000</u>	

**DIVISION 14**

* B-4069	REPLACE BRIDGE 159 OVER HANGING DOG CREEK.	CONSTRUCTION	FY 2020 -	\$1,800,000	BGOFF
CHEROKEE	<u>PROJECT ADDED AT REQUEST OF DIVISION AND FUNDING SOURCE UPDATE.</u>			\$1,800,000	
PROJ.CATEGORY					
DIVISION					

* B-5925	REPLACE BRIDGE 223 OVER HIWASSEE.	RIGHT-OF-WAY	FY 2021 -	\$260,000	(BGLT5)
CHEROKEE	<u>PROJECT ADDED AT REQUEST OF DIVISION AND FUNDING SOURCE CHANGE PER STRUCTURES MANAGEMENT.</u>	CONSTRUCTION	FY 2022 -	\$2,600,000	(BGLT5)
				\$2,860,000	

* R-5908	US 19/US 74/ US 129, US 64 TO SR 1689 (CASINO PARKWAY). MODERNIZE ROADWAY.				
CHEROKEE	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
PROJ.CATEGORY					
DIVISION					

* R-5921	US 276 (JONATHAN CREEK), US 19 TO I-40 UPGRADE. MODERNIZE ROADWAY.				
HAYWOOD	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
PROJ.CATEGORY					
DIVISION					

\* INDICATES FEDERAL AMENDMENT

Thursday, February 07, 2019

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 1**

R-5806	SR 1336 (HARVEY POINT ROAD), US 17 TO SR 1350	RIGHT-OF-WAY	FY 2019 -	\$100,000	(T)
PERQUIMANS	(CHURCHES LANE). MODERNIZE ROADWAY.	UTILITIES	FY 2019 -	\$100,000	(T)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 19</u>	CONSTRUCTION	FY 2020 -	\$3,005,000	(T)
DIVISION	<u>AND CONSTRUCTION FROM FY 23 TO FY 20.</u>		FY 2021 -	\$3,005,000	(T)
				\$6,210,000	

**DIVISION 2**

* I-6032	US 264 (FUTURE I-587), PITT COUNTY LINE TO WILSON	GARVEE CONSTR	FY 2019 -	\$343,000	(NHPIM)
GREENE	COUNTY LINE. PAVEMENT REHABILITATION.		FY 2020 -	\$343,000	(NHPIM)
PROJ.CATEGORY	<u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u>		FY 2021 -	\$343,000	(NHPIM)
STATEWIDE			FY 2022 -	\$343,000	(NHPIM)
			FY 2023 -	\$343,000	(NHPIM)
			FY 2024 -	\$343,000	(NHPIM)
			FY 2025 -	\$343,000	(NHPIM)
			FY 2026 -	\$343,000	(NHPIM)
			FY 2027 -	\$343,000	(NHPIM)
			FY 2028 -	\$343,000	(NHPIM)
			FY 2029 -	\$343,000	(NHPIM)
			POST YR-	\$1,372,000	(NHPIM)
		CONSTRUCTION	FY 2019 -	\$2,000,000	(S(M))
				\$7,145,000	

* I-6035	US 264/US 258 (FUTURE I-587), GREENE COUNTY LINE	GARVEE CONSTR	FY 2019 -	\$1,201,000	(NHPIM)
PITT	TO SR 1467 (STANTONSBURG ROAD) INTERCHANGE		FY 2020 -	\$1,201,000	(NHPIM)
PROJ.CATEGORY	(GREENVILLE SOUTHWEST BYPASS). PAVEMENT		FY 2021 -	\$1,201,000	(NHPIM)
STATEWIDE	REHABILITATION.		FY 2022 -	\$1,201,000	(NHPIM)
	<u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u>		FY 2023 -	\$1,201,000	(NHPIM)
			FY 2024 -	\$1,201,000	(NHPIM)
			FY 2025 -	\$1,201,000	(NHPIM)
			FY 2026 -	\$1,201,000	(NHPIM)
			FY 2027 -	\$1,201,000	(NHPIM)
			FY 2028 -	\$1,201,000	(NHPIM)
			FY 2029 -	\$1,201,000	(NHPIM)
			POST YR-	\$4,804,000	(NHPIM)
		CONSTRUCTION	FY 2019 -	\$4,500,000	(S(M))
				\$22,515,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, February 07, 2019

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 3**

* I-5940	I-40, DUPLIN COUNTY LINE (MILEMARKER 360) TO	GARVEE CONSTR	FY 2019 -	\$2,660,000	(BGIM)
PENDER	EAST OF US 117 (MILEMARKER 393). PAVEMENT AND		FY 2020 -	\$2,660,000	(BGIM)
DUPLIN	BRIDGE REHABILITATION.		FY 2021 -	\$2,660,000	(BGIM)
PROJ.CATEGORY	<u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u>		FY 2022 -	\$2,660,000	(BGIM)
STATEWIDE			FY 2023 -	\$2,660,000	(BGIM)
			FY 2024 -	\$2,660,000	(BGIM)
			FY 2025 -	\$2,660,000	(BGIM)
			FY 2026 -	\$2,660,000	(BGIM)
			FY 2027 -	\$2,660,000	(BGIM)
			FY 2028 -	\$2,660,000	(BGIM)
			FY 2029 -	\$2,660,000	(BGIM)
			POST YR-	\$10,640,000	(BGIM)
		CONSTRUCTION	FY 2019 -	\$11,000,000	(S(M))
				\$50,900,000	
U-4902D	US 17 BUSINESS (MARKET STREET), SR 1403 (MIDDLE	CONSTRUCTION	FY 2019 -	\$18,500,000	(T)
NEW HANOVER	SOUND LOOP ROAD) TO SR 2290 (MENDEHNALL			\$18,500,000	
PROJ.CATEGORY	DRIVE)/ SR 2734 (MARSH OAKS DRIVE).				
STATEWIDE	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				
U-5735	US 17 (WILMINGTON HIGHWAY), SR 1130 (OLD	RIGHT-OF-WAY	FY 2020 -	\$1,155,000	(T)
ON SLOW	MAPLEHURST ROAD) IN JACKSONVILLE. CONSTRUCT		FY 2021 -	\$3,465,000	(T)
PROJ.CATEGORY	INTERCHANGE AND ASSOCIATED IMPROVEMENTS TO	CONSTRUCTION	FY 2024 -	\$1,060,000	(T)
REGIONAL	MCAS NEW RIVER MAIN GATE.		FY 2025 -	\$10,070,000	(T)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 24.</u>		FY 2026 -	\$10,070,000	(T)
				\$25,820,000	
U-5954	NC 133 (CASTLE HAYNE ROAD), NORTH 23RD	RIGHT-OF-WAY	FY 2022 -	\$150,000	(T)
NEW HANOVER	STREET. CONSTRUCT A ROUNDABOUT.	UTILITIES	FY 2022 -	\$100,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2024 -	\$1,050,000	(T)
REGIONAL			FY 2025 -	\$1,050,000	(T)
				\$2,350,000	

\* INDICATES FEDERAL AMENDMENT



**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 4**

* I-6043	I-95, HARNETT COUNTY LINE (MILEMARKER 78) TO SR	GARVEE CONSTR	FY 2019 -	\$772,000	(NHPIM)
JOHNSTON	1927 (PINE LEVEL-SELMA ROAD - MILEMARKER 98).		FY 2020 -	\$772,000	(NHPIM)
PROJ.CATEGORY	UPGRADE GUARDRAIL AND MEDIAN DRAINAGE.		FY 2021 -	\$772,000	(NHPIM)
STATEWIDE	<u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u>		FY 2022 -	\$772,000	(NHPIM)
			FY 2023 -	\$772,000	(NHPIM)
			FY 2024 -	\$772,000	(NHPIM)
			FY 2025 -	\$772,000	(NHPIM)
			FY 2026 -	\$772,000	(NHPIM)
			FY 2027 -	\$772,000	(NHPIM)
			FY 2028 -	\$772,000	(NHPIM)
			FY 2029 -	\$772,000	(NHPIM)
			POST YR-	\$3,088,000	(NHPIM)
		CONSTRUCTION	FY 2019 -	<u>\$3,200,000</u>	(S(M))
				\$14,780,000	

* I-6044	US 70 (FUTURE I-42), SR 1003 (BUFFALO ROAD) TO	GARVEE CONSTR	FY 2019 -	\$644,000	(NHPIM)
JOHNSTON	WAYNE COUNTY LINE. PAVEMENT REHABILITATION.		FY 2020 -	\$644,000	(NHPIM)
PROJ.CATEGORY	<u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u>		FY 2021 -	\$644,000	(NHPIM)
STATEWIDE			FY 2022 -	\$644,000	(NHPIM)
			FY 2023 -	\$644,000	(NHPIM)
			FY 2024 -	\$644,000	(NHPIM)
			FY 2025 -	\$644,000	(NHPIM)
			FY 2026 -	\$644,000	(NHPIM)
			FY 2027 -	\$644,000	(NHPIM)
			FY 2028 -	\$644,000	(NHPIM)
			FY 2029 -	\$644,000	(NHPIM)
			POST YR-	\$2,576,000	(NHPIM)
		CONSTRUCTION	FY 2019 -	<u>\$2,811,000</u>	(S(M))
				\$12,471,000	

* I-6045	US 64 (FUTURE I-87), SR 1306 (SOUTH OLD FRANKLIN	GARVEE CONSTR	FY 2019 -	\$686,000	(NHPIM)
NASH	ROAD) TO I-95. PAVEMENT REHABILITATION.		FY 2020 -	\$686,000	(NHPIM)
PROJ.CATEGORY	<u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u>		FY 2021 -	\$686,000	(NHPIM)
STATEWIDE			FY 2022 -	\$686,000	(NHPIM)
			FY 2023 -	\$686,000	(NHPIM)
			FY 2024 -	\$686,000	(NHPIM)
			FY 2025 -	\$686,000	(NHPIM)
			FY 2026 -	\$686,000	(NHPIM)
			FY 2027 -	\$686,000	(NHPIM)
			FY 2028 -	\$686,000	(NHPIM)
			FY 2029 -	\$686,000	(NHPIM)
			POST YR-	\$2,744,000	(NHPIM)
		CONSTRUCTION	FY 2019 -	<u>\$2,934,000</u>	(S(M))
				\$13,224,000	

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 4**

* I-6047	I-795, WILSON COUNTY LINE TO SR 2075 (ASH STREET). UPGRADE GUARDRAIL, SHOULDER AND	GARVEE CONSTR	FY 2019 -	\$601,000	(NHPIM)
WAYNE	MEDIAN REPAIRS.		FY 2020 -	\$601,000	(NHPIM)
PROJ.CATEGORY	<u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u>		FY 2021 -	\$601,000	(NHPIM)
STATEWIDE			FY 2022 -	\$601,000	(NHPIM)
			FY 2023 -	\$601,000	(NHPIM)
			FY 2024 -	\$601,000	(NHPIM)
			FY 2025 -	\$601,000	(NHPIM)
			FY 2026 -	\$601,000	(NHPIM)
			FY 2027 -	\$601,000	(NHPIM)
			FY 2028 -	\$601,000	(NHPIM)
			FY 2029 -	\$601,000	(NHPIM)
			POST YR-	\$2,404,000	(NHPIM)
		CONSTRUCTION	FY 2019 -	<u>\$2,300,000</u>	(S(M))
				\$11,315,000	

**DIVISION 5**

* B-5130	SR 1321 (AVENT FERRY ROAD), REPLACE BRIDGE	GARVEE CONSTR	FY 2019 -	\$214,000	(BGANY)
WAKE	910318 OVER LAKE JOHNSON IN RALEIGH.		FY 2020 -	\$214,000	(BGANY)
PROJ.CATEGORY	<u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u>		FY 2021 -	\$214,000	(BGANY)
DIVISION			FY 2022 -	\$214,000	(BGANY)
			FY 2023 -	\$214,000	(BGANY)
			FY 2024 -	\$214,000	(BGANY)
			FY 2025 -	\$214,000	(BGANY)
			FY 2026 -	\$214,000	(BGANY)
			FY 2027 -	\$214,000	(BGANY)
			FY 2028 -	\$214,000	(BGANY)
			FY 2029 -	\$214,000	(BGANY)
			POST YR-	\$864,000	(BGANY)
		CONSTRUCTION	FY 2019 -	\$317,000	(BGANY)
			FY 2019 -	<u>\$833,000</u>	(S(M))
				\$4,368,000	

B-5986	NC 231, REPLACE BRIDGE 910034 OVER NORFOLK	RIGHT-OF-WAY	FY 2020 -	\$164,000	(T)
WAKE	SOUTHERN RAILROAD IN WENDELL.	UTILITIES	FY 2020 -	\$163,000	(T)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21</u>	CONSTRUCTION	FY 2021 -	<u>\$2,948,000</u>	(T)
REGIONAL	<u>AT THE REQUEST OF DIVISION FOR STRATEGIC</u>			\$3,275,000	
	<u>LETTING PURPOSES.</u>				

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 5**

* I-5700	I-40, SR 3015 (AIRPORT BOULEVARD). REVISE	GARVEE CONSTR	FY 2019 -	\$1,716,000	(NHP)
WAKE	INTERCHANGE; CONSTRUCT AUXILIARY LANES ON I-		FY 2020 -	\$1,716,000	(NHP)
PROJ.CATEGORY	40 EASTBOUND FROM I-540 TO SR 3015 (AIRPORT		FY 2021 -	\$1,716,000	(NHP)
STATEWIDE	BOULEVARD) AND FROM SR 3015 TO SR 1002		FY 2022 -	\$1,716,000	(NHP)
	(AVIATION PARKWAY), AND CONSTRUCT AUXILIARY		FY 2023 -	\$1,716,000	(NHP)
	LANE ON I-40 WESTBOUND FROM SR 3015 (AIRPORT		FY 2024 -	\$1,716,000	(NHP)
	BOULEVARD) TO I-540.		FY 2025 -	\$1,716,000	(NHP)
	<u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u>		FY 2026 -	\$1,716,000	(NHP)
			FY 2027 -	\$1,716,000	(NHP)
			FY 2028 -	\$1,716,000	(NHP)
			FY 2029 -	\$1,716,000	(NHP)
			POST YR-	\$6,864,000	(NHP)
		CONSTRUCTION	FY 2019 -	\$2,917,000	(NHP)
			FY 2019 -	\$3,334,000	(S(M))
			FY 2020 -	\$2,917,000	(NHP)
			FY 2020 -	<u>\$3,333,000</u>	(S(M))
				\$38,241,000	

* I-5708	I-440 / US 1, SR 2000 (WAKE FOREST ROAD) IN	GARVEE ROW	FY 2019 -	\$772,000	(NHP)
WAKE	RALEIGH. INTERCHANGE IMPROVEMENTS.		FY 2020 -	\$772,000	(NHP)
PROJ.CATEGORY	<u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u>		FY 2021 -	\$772,000	(NHP)
STATEWIDE			FY 2022 -	\$772,000	(NHP)
			FY 2023 -	\$772,000	(NHP)
			FY 2024 -	\$772,000	(NHP)
			FY 2025 -	\$772,000	(NHP)
			FY 2026 -	\$772,000	(NHP)
			FY 2027 -	\$772,000	(NHP)
			FY 2028 -	\$772,000	(NHP)
			FY 2029 -	\$772,000	(NHP)
			POST YR-	\$3,088,000	(NHP)
		RIGHT-OF-WAY	FY 2019 -	\$2,806,000	(NHP)
			FY 2019 -	\$3,000,000	(S(M))
		UTILITIES	FY 2019 -	\$649,000	(NHP)
		CONSTRUCTION	FY 2020 -	<u>\$8,800,000</u>	(NHP)
				\$26,835,000	

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 5**

* I-5994 DURHAM PROJ.CATEGORY STATEWIDE	I-40, US 15 / US 501 TO EAST OF NC 147. BRIDGE REHABILITATION - MULTIPLE STRUCTURES. <b><u>PROJECT WILL UTILIZE GARVEE BOND FUNDING</u></b>	GARVEE CONSTR	FY 2019 - FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - POST YR-	\$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$429,000 \$1,716,000	(NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM)
		CONSTRUCTION	FY 2019 -	<u>\$1,667,000</u> \$8,102,000	(S(M))

* I-5995 DURHAM WAKE PROJ.CATEGORY STATEWIDE	I-40, EAST OF NC 147 TO SR 3015 (AIRPORT BOULEVARD). PAVEMENT REHABILITATION. <b><u>PROJECT TO UTILIZE BUILD NC BONDS</u></b>	GARVEE CONSTR	FY 2019 - FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - POST YR-	\$343,000 \$343,000 \$343,000 \$343,000 \$343,000 \$343,000 \$343,000 \$343,000 \$343,000 \$343,000 \$343,000 \$1,372,000	(NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM)
		CONSTRUCTION	FY 2019 -	<u>\$1,333,000</u> \$6,478,000	(S(M))

* 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. <b><u>ACCELERATE RIGHT OF WAY FROM FY 23 TO FY 20 AT THE REQUEST OF RAIL DIVISION.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - FY 2026 - FY 2026 - FY 2027 - FY 2027 - FY 2028 - FY 2028 -	\$9,327,000 \$10,891,000 \$167,000 \$10,891,000 \$167,000 \$10,891,000 <u>\$166,000</u>	(T) (T) (O) (T) (O) (T) (O) \$42,500,000
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\* INDICATES FEDERAL AMENDMENT

Thursday, February 07, 2019

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 5**

* U-2901B	NC 55 (WILLIAMS STREET), US 1 TO NORTH OF SR	RIGHT-OF-WAY	FY 2020 -	\$9,035,500	(T)
WAKE	1160 (OLIVE CHAPEL ROAD). CONVERT EXISTING		FY 2021 -	\$9,035,500	(T)
PROJ.CATEGORY	MULTILANES TO MEDIAN DIVIDED SECTION AND	UTILITIES	FY 2020 -	\$93,000	(T)
REGIONAL	WIDEN REMAINING 2-LANE SECTIONS TO MULTILANES.	CONSTRUCTION	FY 2021 -	\$5,775,000	(T)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2022 -	\$5,775,000	(T)
	<u>DESIGN DELAY RIGHT OF WAY FROM FY 19 TO FY 20;</u>		FY 2023 -	\$5,775,000	(T)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2024 -	\$5,775,000	(T)
	<u>THRESHOLDS.</u>				
				\$41,264,000	
U-5307C	US 1, NORTH OF SR 2045 (BURLINGTON MILLS ROAD)	RIGHT-OF-WAY	FY 2021 -	\$30,000,000	(T)
WAKE	TO SOUTH OF NC 98 BUSINESS IN WAKE FOREST.	UTILITIES	FY 2021 -	\$3,000,000	(T)
PROJ.CATEGORY	<u>CORRECT NORTHERN TERMINUS DESCRIPTION TO</u>	CONSTRUCTION	FY 2021 -	\$23,775,000	(T)
REGIONAL	<u>BE CONSISTENT WITH PRIORITIZATION.</u>		FY 2022 -	\$23,775,000	(T)
			FY 2023 -	\$23,775,000	(T)
			FY 2024 -	\$23,775,000	(T)
				\$128,100,000	
U-5307D	US 1, SOUTH OF NC 98 BUSINESS TO SR1909	RIGHT-OF-WAY	FY 2024 -	\$30,100,000	(T)
WAKE	(PURNELL ROAD) / SR 1931 (HARRIS ROAD) IN WAKE	UTILITIES	FY 2024 -	\$3,700,000	(T)
PROJ.CATEGORY	FOREST.	CONSTRUCTION	FY 2024 -	\$14,100,000	(T)
REGIONAL	<u>CORRECT SOUTHERN TERMINUS DESCRIPTION TO BE</u>		FY 2025 -	\$14,100,000	(T)
	<u>CONSISTENT WITH PRIORITIZATION.</u>		FY 2026 -	\$14,100,000	(T)
			FY 2027 -	\$14,100,000	(T)
				\$90,200,000	
U-5825	SR 1010 (TEN-TEN ROAD), APEX PEAKWAY IN APEX TO	RIGHT-OF-WAY	FY 2021 -	\$4,469,000	(T)
WAKE	KILDARE FARM ROAD IN CARY. WIDEN TO		FY 2022 -	\$4,468,000	(T)
	MULTILANES.	UTILITIES	FY 2021 -	\$576,000	(T)
	<u>REMOVE PROJECT BREAKS (SEE BELOW) AT</u>		FY 2022 -	\$576,000	(T)
	<u>REQUEST OF DIVISION AND APPLY PROGRAMMING</u>	CONSTRUCTION	FY 2023 -	\$15,234,000	(T)
	<u>SCHEDULES TO U-5825.</u>		FY 2024 -	\$15,234,000	(T)
			FY 2025 -	\$15,233,000	(T)
				\$55,790,000	
U-5825A	SR 1010 (TEN-TEN ROAD), APEX PEAKWAY TO US 1 IN				
WAKE	APEX.				
PROJ.CATEGORY	<u>DELETE PROJECT BREAK, WORK TO BE</u>				
DIVISION	<u>ACCOMPLISHED UNDER PROJECT U-5825.</u>				

\* INDICATES FEDERAL AMENDMENT

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**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 5**

U-5825B SR 1010 (TEN-TEN ROAD), US1 TO KILDAIRE FARM  
WAKE ROAD IN CARY.  
PROJ.CATEGORY DELETE PROJECT BREAK, WORK TO BE  
DIVISION ACCOMPLISHED UNDER PROJECT U-5825.

**DIVISION 6**

* U-3424	SR 1410 (BUNCE ROAD), US 401 (RAEFORD ROAD) TO	RIGHT-OF-WAY	FY 2023 -	\$4,997,000	(BGANY)
CUMBERLAND	SR 1400 (CLIFFDALE ROAD). WIDEN TO MULTI-LANES.	UTILITIES	FY 2023 -	\$600,000	(BGANY)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2026 -	\$9,600,000	(BGANY)
	<u>THRESHOLDS.</u>		FY 2027 -	\$9,600,000	(BGANY)
				\$24,797,000	

**DIVISION 7**

B-5721	SR 2177 (DAN VALLEY ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2020 -	\$188,000	(BGLT5)
ROCKINGHAM	780124 OVER MAYO RIVER IN MADISON.	UTILITIES	FY 2020 -	\$187,000	(BGLT5)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 20</u>	CONSTRUCTION	FY 2021 -	\$3,375,000	(BGLT5)
DIVISION	<u>AND CONSTRUCTION FROM FY 22 TO FY 21 FOR</u>			\$3,750,000	
	<u>STRATEGIC LETTING PURPOSES.</u>				

EB-5721	ORANGE COUNTY BICYCLE ROUTE 1, CLELAND DRIVE	CONSTRUCTION	FY 2020 -	\$775,000	(TAANY)
ORANGE	TO WILLOW DRIVE IN CHAPEL HILL. UPGRADE		FY 2020 -	\$194,000	(L)
PROJ.CATEGORY	EXISTING OFF-ROAD PATH AND CONSTRUCT NEW			\$969,000	
DIVISION	SECTION OF PATH.				
	<u>TO REFLECT LATEST COST ESTIMATE AND CURRENT</u>				
	<u>TOWN DELIVERY SCHEDULE, INCREASE FUNDING</u>				
	<u>AND DELAY CONSTRUCTION FROM FY 19 TO FY 20 AT</u>				
	<u>REQUEST OF MPO.</u>				

I-5898	FUTURE I-73 / US 220, US 311 / NC 135 INTERCHANGE.	RIGHT-OF-WAY	FY 2020 -	\$300,000	(T)
ROCKINGHAM	WIDEN BRIDGE 780074 AND UPGRADE INTERCHANGE.	UTILITIES	FY 2020 -	\$30,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2021 -	\$1,875,000	(T)
REGIONAL	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</u>			\$2,205,000	
	<u>AND CONSTRUCTION FROM FY 20 TO FY 21 AT</u>				
	<u>REQUEST OF THE DIVISION OFFICE.</u>				

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 7**

* U-5754 GUILFORD PROJ.CATEGORY REGIONAL	US 29 / US 70 / US 220 (O'HENRY BOULEVARD), I-40 / BUSINESS 85 TO SOUTH OF FLORIDA STREET IN GREENSBORO. ADD LANE ON I-40 / BUSINESS 85 EASTBOUND RAMP ONTO NORTHBOUND US 29 / US 70 / US 220 AND EXTEND US 29 / US 70 / US 220 SOUTHBOUND RAMP ONTO SR 3762 (MARTIN LUTHER KING, JR. DRIVE)	CONSTRUCTION	FY 2019 -	\$2,850,000 (NHP) \$2,850,000
	<b><u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 19 AND DELETE THE RIGHT-OF-WAY PHASE IN FY 19 AT REQUEST OF PROJECT MANAGEMENT; NO RIGHT-OF-WAY ACQUISITION OR UTILITY RELOCATION NECESSARY.</u></b>			
U-5850 GUILFORD PROJ.CATEGORY DIVISION	SR 1007 (RANDLEMAN ROAD), ELMSLEY DRIVE TO GLENDALE DRIVE IN GREENSBORO. WIDEN TO MULTLANES.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2021 -	\$467,000 (T) \$56,000 (T) <u>\$1,635,000 (T)</u> \$2,158,000
	<b><u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE RIGHT-OF-WAY PHASE, DELAY CONSTRUCTION FROM FY 20 TO FY 21 AT REQUEST OF THE DIVISION OFFICE.</u></b>			
U-5893 ROCKINGHAM PROJ.CATEGORY REGIONAL	US 311 / NC 14 (SOUTH VAN BUREN ROAD), SR 2066 (KINGS HIGHWAY) IN EDEN. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2021 - FY 2020 - FY 2021 -	\$69,000 (T) \$1,311,000 (T) \$100,000 (T) <u>\$5,750,000 (T)</u> \$7,230,000
	<b><u>TO ALLOW ADDITIONAL TIME TO EVALUATE DESIGN ALTERNATIVES, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 20 TO FY 21 AT REQUEST OF THE DIVISION OFFICE.</u></b>			
* U-6115 ALAMANCE PROJ.CATEGORY REGIONAL	NC 54, SR 1945 (RIVERBEND ROAD) / SR 2431 (JOHNSON STREET) TO SOUTH OF SR 2107 (WHITTEMORE ROAD) IN GRAHAM. IMPROVE SR 1945 (RIVERBEND ROAD) / SR 2431 (JOHNSON STREET) INTERSECTION, 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.			
	<b><u>REVISE NORTHERN TERMINUS TO INCORPORATE SCOPE OF NEW STI PROJECT.</u></b>			

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 8**

* R-3421A	US 220 BYPASS / FUTURE I-73 / FUTURE I-74,	BUILD NC CONST	FY 2020 -	\$4,290,000	(T)
RICHMOND	ROCKINGHAM BYPASS, US 74 BYPASS WEST OF		FY 2021 -	\$4,290,000	(T)
PROJ.CATEGORY	ROCKINGHAM AT SR 1109 (ZION CHURCH ROAD)		FY 2022 -	\$4,290,000	(T)
REGIONAL	INTERCHANGE TO SOUTH OF SR 1140 (OLD		FY 2023 -	\$4,290,000	(T)
	CHARLOTTE HIGHWAY)		FY 2024 -	\$4,290,000	(T)
	<u>ACCELERATE CONSTRUCTION FROM FY 26 TO FY 20</u>		FY 2025 -	\$4,290,000	(T)
	<u>FOR STRATEGIC LETTING PURPOSES. PROJECT TO</u>		FY 2026 -	\$4,290,000	(T)
	<u>UTILIZE BUILD NC BONDS.</u>		FY 2027 -	\$4,290,000	(T)
			FY 2028 -	\$4,290,000	(T)
			FY 2029 -	\$4,290,000	(T)
			POST YR-	\$21,450,000	(T)
		CONSTRUCTION	FY 2020 -	\$5,050,000	(T)
			FY 2021 -	\$5,050,000	(T)
			FY 2022 -	\$5,050,000	(T)
			FY 2023 -	\$5,050,000	(T)
				\$84,550,000	

* R-3421B	US 220 BYPASS / FUTURE I-73 / FUTURE I-74,	BUILD NC CONST	FY 2020 -	\$4,290,000	(T)
RICHMOND	ROCKINGHAM BYPASS, SOUTH OF SR 1140 (OLD		FY 2021 -	\$4,290,000	(T)
PROJ.CATEGORY	CHARLOTTE HIGHWAY) TO SOUTHWEST OF SR 1304		FY 2022 -	\$4,290,000	(T)
REGIONAL	(HARRINGTON ROAD)		FY 2023 -	\$4,290,000	(T)
	<u>ACCELERATE CONSTRUCTION FROM FY 26 TO FY 20</u>		FY 2024 -	\$4,290,000	(T)
	<u>FOR STRATEGIC LETTING PURPOSES. PROJECT TO</u>		FY 2025 -	\$4,290,000	(T)
	<u>UTILIZE BUILD NC BONDS.</u>		FY 2026 -	\$4,290,000	(T)
			FY 2027 -	\$4,290,000	(T)
			FY 2028 -	\$4,290,000	(T)
			FY 2029 -	\$4,290,000	(T)
			POST YR-	\$21,450,000	(T)
		CONSTRUCTION	FY 2020 -	\$6,125,000	(T)
			FY 2021 -	\$6,125,000	(T)
			FY 2022 -	\$6,125,000	(T)
			FY 2023 -	\$6,125,000	(T)
				\$88,850,000	

**DIVISION 9**

* B-4626	NC 8 / NC 49, REPLACE BRIDGE 790003 AND APPLY	RIGHT-OF-WAY	FY 2019 -	\$300,000	(BGLT5)
ROWAN	DECK PRESERVATION TREATMENT TO BRIDGE	UTILITIES	FY 2019 -	\$300,000	(BGLT5)
PROJ.CATEGORY	790008 OVER YADKIN RIVER AND WINSTON-SALEM	CONSTRUCTION	FY 2020 -	\$760,000	(BGLT5)
STATEWIDE	SOUTHBOUND RAILROAD.		FY 2021 -	\$7,220,000	(BGLT5)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2022 -	\$7,220,000	(BGLT5)
	<u>THRESHOLDS.</u>			\$15,800,000	

\* INDICATES FEDERAL AMENDMENT

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**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 9**

* I-5858 ROWAN PROJ.CATEGORY STATEWIDE	I-85, US 29 / US 601 IN CHINA GROVE TO US 601 (JAKE ALEXANDER BOULEVARD) IN SALISBURY AND FROM SOUTH OF US 52 IN SALISBURY TO NORTH OF SR 2120 (LONG FERRY ROAD) IN SPENCER. PAVEMENT REHABILITATION. <b><u>PROJECT WILL UTILIZE GARVEE BOND FUNDING.</u></b>	GARVEE CONSTR	FY 2019 - FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - POST YR-	\$944,000 \$944,000 \$944,000 \$944,000 \$944,000 \$944,000 \$944,000 \$944,000 \$944,000 \$944,000 \$944,000 \$3,776,000	(NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM) (NHPIM)
		CONSTRUCTION	FY 2019 - FY 2019 - FY 2019 -	\$230,000 \$246,000 <u>\$3,667,000</u>	(HSIP) (NHPIM) (S(M))
				\$18,303,000	

**DIVISION 10**

B-5809 ANSON PROJ.CATEGORY DIVISION	SR 1142 (CITY POND ROAD), REPLACE BRIDGE 030075 OVER NORTH FORK JONES CREEK. <b><u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - FY 2020 -	\$105,000 <u>\$1,050,000</u>	(BGOFF) (BGOFF)
				\$1,155,000	

* U-5766A MECKLENBURG PROJ.CATEGORY REGIONAL	NC 160, SOUTH CAROLINA LINE TO NC 49 (SOUTH TRYON ROAD). WIDEN TO MULTI-LANES. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 21 AND CONSTRUCTION FROM FY 21 TO FY 24</u></b>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - FY 2022 - FY 2021 - FY 2024 - FY 2025 - FY 2026 - FY 2027 -	\$1,300,000 \$1,300,000 \$500,000 \$4,375,000 \$4,375,000 \$4,375,000 <u>\$4,375,000</u>	(T) (T) (T) (T) (T) (T) (T)
				\$20,600,000	

* U-5766B MECKLENBURG PROJ.CATEGORY REGIONAL	NC 160, NC 49 (SOUTH TRYON ROAD) TO I-485. WIDEN TO MULTI-LANES. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 21 AND CONSTRUCTION FROM FY 21 TO FY 24</u></b>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - FY 2022 - FY 2021 - FY 2022 - FY 2024 - FY 2025 - FY 2026 - FY 2027 -	\$1,550,000 \$1,550,000 \$2,300,000 \$2,300,000 \$7,825,000 \$7,825,000 \$7,825,000 <u>\$7,825,000</u>	(T) (T) (T) (T) (T) (T) (T) (T)
				\$39,000,000	

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 10**

U-5987 UNION PROJ.CATEGORY DIVISION	INDIAN TRAIL, UNIONVILLE-INDIAN TRAIL ROAD AND SARDIS ROAD. CONSTRUCT INTERSECTION IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$1,680,000 (BGDA) FY 2019 - \$560,000 (L) \$2,240,000
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**DIVISION 11**

B-5831 SURRY PROJ.CATEGORY STATEWIDE	I-77 NORTH, REPLACE BRIDGE 850006 OVER NC 268, SOUTHERN RR, AND YADKIN RIVER. <u>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 21</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$600,000 (NHPB) FY 2021 - \$5,350,000 (NHPB) FY 2022 - \$5,350,000 (NHPB) \$11,300,000
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B-5833 YADKIN PROJ.CATEGORY REGIONAL	US 21 BUSINESS, REPLACE BRIDGE 980029 OVER I-77. <u>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 21</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$300,000 (NHPB) FY 2021 - \$2,300,000 (NHPB) FY 2022 - \$2,300,000 (NHPB) \$4,900,000
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* I-5864 YADKIN PROJ.CATEGORY STATEWIDE	I-77, MILEMARKER 71.8 TO MILEMARKER 75.8. PAVEMENT REHABILITATION. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 24</u>	CONSTRUCTION	FY 2024 - \$2,037,000 (NHP) FY 2025 - \$2,037,000 (NHP) \$4,074,000
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* I-5865 YADKIN PROJ.CATEGORY STATEWIDE	I-77, MILEMARKER 75.8 TO US 21 (EXIT 79). PAVEMENT REHABILITATION. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 24</u>	CONSTRUCTION	FY 2024 - \$1,400,000 (BGIM) FY 2025 - \$1,400,000 (BGIM) \$2,800,000
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**DIVISION 12**

EB-5701 GASTON PROJ.CATEGORY DIVISION	US 29/74 (EAST FRANKLIN BOULEVARD), SR 2200 (COX ROAD) TO CITY LIMITS. CONSTRUCT MISSING SIDEWALK ON NORTH SIDE. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 18 TO FY 21</u>	RIGHT-OF-WAY  CONSTRUCTION	FY 2019 - \$116,000 (TA5200) FY 2019 - \$29,000 (L) FY 2021 - \$875,000 (TA5200) FY 2021 - \$219,000 (L) \$1,239,000
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\* INDICATES FEDERAL AMENDMENT

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**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 12**

\* I-5713 I-85, SR 2200 (COX ROAD) INTERCHANGE.  
GASTON CONSTRUCT INTERCHANGE IMPROVEMENTS.  
PROJ.CATEGORY (COORDINATE WITH I-5719)  
STATEWIDE **DELETE AT THE REQUEST OF MPO**

* I-5717	I-77, NC 150 INTERCHANGE. CONSTRUCT	GARVEE CONSTR	FY 2019 -	\$687,000	(NHP)
IREDELL	INTERCHANGE IMPROVEMENTS.		FY 2020 -	\$687,000	(NHP)
PROJ.CATEGORY	<u><b>ADDED GARVEE BONDS</b></u>		FY 2021 -	\$687,000	(NHP)
STATEWIDE			FY 2022 -	\$687,000	(NHP)
			FY 2023 -	\$687,000	(NHP)
			FY 2024 -	\$687,000	(NHP)
			FY 2025 -	\$687,000	(NHP)
			FY 2026 -	\$687,000	(NHP)
			FY 2027 -	\$687,000	(NHP)
			FY 2028 -	\$687,000	(NHP)
			FY 2029 -	\$687,000	(NHP)
			POST YR-	\$2,748,000	(NHP)
		CONSTRUCTION	FY 2019 -	<u>\$2,650,000</u>	(S(M))
				\$12,955,000	

* I-5805	I-40, SR 2158 (OLD MOCKSVILLE ROAD) TO DAVIE	CONSTRUCTION	FY 2023 -	\$4,956,000	(BGIM)
IREDELL	COUNTY LINE. PAVEMENT REHABILITATION.		FY 2024 -	<u>\$4,956,000</u>	(BGIM)
PROJ.CATEGORY	<u><b>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</b></u>			\$9,912,000	
STATEWIDE	<u><b>CONSTRUCTION FROM FY 19 TO FY 23</b></u>				

**DIVISION 13**

B-6015	SR 1913 (SUGAR LOAF ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2020 -	\$100,000	(BGOFF)
BURKE	110237 OVER ROCK CREEK.	CONSTRUCTION	FY 2020 -	<u>\$1,000,000</u>	(BGOFF)
PROJ.CATEGORY	<u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</b></u>			\$1,100,000	
DIVISION	<u><b>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</b></u>				
	<u><b>AND CONSTRUCTION FROM FY 19 TO FY 20</b></u>				

B-6016	SR 2027 (MARTINS CREEK ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$50,000	(BGOFF)
BUNCOMBE	100142 OVER MARTIN CREEK.	CONSTRUCTION	FY 2019 -	\$500,000	(BGOFF)
PROJ.CATEGORY	<u><b>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 19</b></u>			\$550,000	
DIVISION	<u><b>AT REQUEST OF STRUCTURES MANAGEMENT UNIT</b></u>				

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 13**

B-6017 MADISON PROJ.CATEGORY DIVISION	SR 1151 (BALTIMORE BRANCH ROAD), REPLACE BRIDGE 560222 OVER BACK BRANCH. <b><u>ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 19 AND CONSTRUCTION FROM FY 21 TO FY 19 AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$45,000 (BGOFF) FY 2019 - \$450,000 (BGOFF)	\$495,000
B-6018 BUNCOMBE PROJ.CATEGORY DIVISION	SR 1296 (BROOKS BRANCH ROAD), REPLACE BRIDGE 100536 OVER NEWFOUND CREEK. <b><u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 20 AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$55,000 (BGOFF) FY 2020 - \$550,000 (BGOFF)	\$605,000
B-6019 MADISON PROJ.CATEGORY DIVISION	SR 1127 (ROBERTS BRANCH ROAD), REPLACE BRIDGE 560311 OVER ROBERTS BRANCH. <b><u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 19 AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$50,000 (BGOFF) FY 2019 - \$500,000 (BGOFF)	\$550,000
* I-4700 BUNCOMBE HENDERSON PROJ.CATEGORY STATEWIDE	I-26, NC 280 (EXIT 40) TO I-40 AT ASHEVILLE. ADD ADDITIONAL LANES. <b><u>ADDED GARVEE BONDS</u></b>	RIGHT-OF-WAY GARVEE CONSTR	FY 2019 - \$4,000,000 (T) FY 2019 - \$7,722,000 (NHP) FY 2020 - \$7,722,000 (NHP) FY 2021 - \$7,722,000 (NHP) FY 2022 - \$7,722,000 (NHP) FY 2023 - \$7,722,000 (NHP) FY 2024 - \$7,722,000 (NHP) FY 2025 - \$7,722,000 (NHP) FY 2026 - \$7,722,000 (NHP) FY 2027 - \$7,722,000 (NHP) FY 2028 - \$7,722,000 (NHP) FY 2029 - \$7,722,000 (NHP) POST YR- \$30,888,000 (NHP)	
		CONSTRUCTION	FY 2019 - \$81,000,000 (NHP) FY 2019 - \$30,000,000 (S(M))	\$230,830,000
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. <b><u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21</u></b>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$11,500,000 (BGANY) FY 2019 - \$1,800,000 (BGANY) FY 2021 - \$10,100,000 (BGANY) FY 2022 - \$10,100,000 (BGANY) FY 2023 - \$10,100,000 (BGANY) FY 2024 - \$10,100,000 (BGANY)	\$53,700,000

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 13**

U-5781 BUNCOMBE PROJ.CATEGORY REGIONAL	US 25 (MERRIMON AVENUE), INTERSECTION OF US 25 (MERRIMON AVENUE) AND EDGEWOOD ROAD. IMPROVE INTERSECTION.	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - FY 2021 -	\$180,000 \$850,000	(T) (T)
				\$1,030,000	

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND  
DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 20  
AND CONSTRUCTION FROM FY 19 TO FY 21**

U-5782 BUNCOMBE PROJ.CATEGORY REGIONAL	US 25 (MERRIMON AVENUE), INTERSECTION OF US 25 (MERRIMON AVENUE) AND W. T. WEAVER BOULEVARD. IMPROVE INTERSECTION.	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - FY 2021 -	\$45,000 \$1,750,000	(T) (T)
				\$1,795,000	

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND  
DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 20  
AND CONSTRUCTION FROM FY 19 TO FY 21**

U-6048 HAYWOOD BUNCOMBE PROJ.CATEGORY DIVISION	US 19, US 23, SR 1836 (CHESTNUT MOUNTAIN ROAD) TO SR 1200 (WIGGINS ROAD). UPGRADE ROADWAY.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - FY 2021 - FY 2023 - FY 2024 -	\$135,000 \$100,000 \$215,000 \$4,085,000	(T) (T) (T) (T)
				\$4,535,000	

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND  
DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 21  
AND CONSTRUCTION FROM FY 19 TO FY 23**

**DIVISION 14**

* B-5982 HAYWOOD PROJ.CATEGORY STATEWIDE	US 74, REPLACE BRIDGE 430095 OVER SOUTHERN RAILROAD. <u><b>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21 AFTER PRESCREENING AND FUNDING SOURCE CHANGE PER STRUCTURES MANAGEMENT</b></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2021 -	\$300,000 \$300,000 \$5,400,000	(HFB) (HFB) (HFB)
				\$6,000,000	

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 14**

* I-4400BB HENDERSON PROJ.CATEGORY STATEWIDE	I-26, US 64 (EXIT 49) TO US 25 BUSINESS (EXIT 44) <b><u>ADDED GARVEE BONDS</u></b>	RIGHT-OF-WAY GARVEE CONSTR	FY 2019 - FY 2019 - FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - POST YR- CONSTRUCTION FY 2019 - FY 2019 -	\$2,000,000 \$6,006,000 \$6,006,000 \$6,006,000 \$6,006,000 \$6,006,000 \$6,006,000 \$6,006,000 \$6,006,000 \$6,006,000 \$6,006,000 \$6,006,000 \$24,024,000 \$5,800,000 \$24,000,000	(NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (S(M))
				\$121,890,000	

* R-2822B GRAHAM PROJ.CATEGORY REGIONAL	NC 143, WEST BUFFALO CREEK TO NC 143 BUSINESS. UPGRADE CORRIDOR. <b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - FY 2022 - FY 2025 - FY 2026 - FY 2027 - FY 2028 -	\$500,000 \$635,000 \$6,425,000 \$6,425,000 \$6,425,000 \$6,425,000	(T) (T) (T) (T) (T) (T)
				\$26,835,000	

**STIP DELETIONS****DIVISION 12**

* R-2707G CLEVELAND PROJ.CATEGORY REGIONAL	US 74 SHELBY BYPASS, WEST OF NC 226 TO WEST OF NC 150. PAVING <b><u>DELETE SEGMENT. WORK ACCOMPLISHED UNDER R- 2707C. PER PROJECT MANAGEMENT</u></b>	PAVING	FY 2020 - FY 2020 -	\$18,500,000 \$18,500,000	(T) (T)
* U-5778 GASTON	NC 279 (LOWER DALLAS HIGHWAY), INTERSECTION OF NC 279 (LOWER DALLAS HIGHWAY) AND NC 275 (DALLAS STANLEY HIGHWAY). INTERSECTION IMPROVEMENTS <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT U-2523</u></b>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2021 - FY 2022 -	\$500,000 \$100,000 \$1,200,000 \$1,200,000	(T) (T) (T) (T)
				\$3,000,000	

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM**

**STIP DELETIONS**

**DIVISION 12**

\* U-6040  
ALEXANDER

NC 127, NC 127 AND SR 1146 (BETHLEHEM SCHOOL ROAD). ADD RIGHT TURN LANE ON NC 127.

**DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT R-3603**

RIGHT-OF-WAY	FY 2021 -	\$100,000	(T)
UTILITIES	FY 2021 -	\$100,000	(T)
CONSTRUCTION	FY 2023 -	<u>\$250,000</u>	(T)
		\$450,000	

**DIVISION 13**

\* U-5868  
BUNCOMBE

SR 1477 (RIVERSIDE DRIVE), NC 251/SR 1781 (BROADWAY) TO I-40/SR 1231 (HILL STREET). WIDEN ROADWAY.

**DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT I-2513D**

RIGHT-OF-WAY	FY 2020 -	\$1,200,000	(BG)
UTILITIES	FY 2020 -	\$500,000	(BG)
CONSTRUCTION	FY 2020 -	\$2,600,000	(BG)
	FY 2021 -	\$2,600,000	(BG)
	FY 2022 -	<u>\$2,600,000</u>	(BG)
		\$9,500,000	

**ITEM N SUMMARY**

ADDITIONS	17 PROJECTS	\$22,972,000
MODIFICATIONS	61 PROJECTS	
DELETIONS	4 PROJECTS	\$31,450,000
	82 PROJECTS	(\$8,478,000)

\* INDICATES FEDERAL AMENDMENT

NCDOT February 7, 2019 Board of Transportation Agenda

SUMMARY: There are a total of 24 agreements for approval by the Board of Transportation.

**Division 2**

Greenville Utilities  
Commission  
Pitt County  
U-5875  
44677.1.1

This Project consists of improvements on SR 1203 (Allen Street) from SR 1467 (Stantonsburg Road) to US 13 (Dickinson Avenue Extension). This Utility Preliminary Engineering Agreement consists of design plans for water lines within the project scope. The Agency shall reimburse the Department a fixed cost for the work. The cost to the Agency is \$13,309.48.

Greenville Utilities  
Commission  
Pitt County  
U-5875  
44677.1.1

This Project consists of improvements on SR 1203 (Allen Street) from SR 1467 (Stantonsburg Road) to US 13 (Dickinson Avenue Extension). This Utility Preliminary Engineering Agreement consists of design plans for sewer lines within the project scope. The Agency shall reimburse the Department a fixed cost for the work. The cost to the Agency is \$16,703.58.

Greenville Utilities  
Commission  
Pitt County  
U-5875  
44677.1.1

This Project consists of improvements on SR 1203 (Allen Street) from SR 1467 (Stantonsburg Road) to US 13 (Dickinson Avenue Extension). This Utility Preliminary Engineering Agreement consists of design plans for gas line relocation within the project scope. The Agency shall reimburse the Department a fixed cost for the work. The cost to the Agency is \$55,446.45.

**Division 3**

Town of Caswell Beach  
Brunswick County  
47931

This Project consists of installation of pipe and a pump system along Caswell beach Road to reduce flooding. The Municipality is responsible for all phases of the work. The Department is providing approved High Impact/Low Cost funding in the amount of \$500,000.

**Division 4**

Town of Smithfield  
Johnston County  
U-5999  
47117.3.1

This Project consists of roadway improvements on Kellie Drive from north of SR 1923 (Booker Dairy Road) to SR 1003 (Buffalo Road) to construct roadway on new location. The Department is responsible for all phases of the Project. This Supplemental Agreement is for a change in maintenance responsibilities. The Municipality shall accept ownership and all maintenance responsibilities for Kellie Drive upon completion of the Project.



NCDOT February 7, 2019 Board of Transportation Agenda

**Division 4, con't.**

CSX Transportation Inc.  
Johnston County  
I-5974  
44993

The Department and CSXT, on November 4, 2011, entered into a Master Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement Project would be identified through a separate written agreement to the MEA. This Addendum #18 to the MEA provides the terms for CSXT to review the design plans for the proposed interchange modifications of I-95 at US 701/US 301 and NC 96, which will impact the CSXT A Line at MP 169.17 (Crossing # 629 718J). The Department will prepare and submit the plans to CSXT for review and approval. CSXT will review the Department's plans and will be responsible for preparing the Project's railroad signal plans. The Department will reimburse CSXT 100% of the cost of work performed by CSXT. The estimated cost of the work is \$30,000.

City of Rocky Mount  
Nash, Edgecombe Counties  
P-5711  
44908

This Rail Agreement contains the modifications to utilities that are associated with trackwork within the vicinity of the CCX facility in Rocky Mount. The Municipality shall perform the work. The Department shall reimburse the Municipality 100% of the costs incurred. The estimated cost of the work is up to \$1,000,000.

**Division 5**

Town of Cary  
Wake County  
C-5604IB  
43714.3.5

This Project consists of improvements to White Oak Creek Greenway between MacArthur Drive and Davis Drive. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$2,047,500 (45%) of CMAQ funds. The Department agrees to reimburse the Municipality an additional \$1,850,000 (50%) of CMAQ funds. The Municipality will provide \$1,850,000 (50%) as their local match and all costs that exceed the total available funding (\$8,250,000).

Town of Cary  
Wake County  
R-2721A  
37673.2.TA1

This Design-Build Project consists of the construction of NC 540 from NC 55 Bypass to east of SR 1152 (Holly Springs Road) for the portion in Cary. This Utility Construction Agreement is to place provisions in the construction contract for the contractor to relocate water and sewer lines. The fixed cost to the Municipality is \$498,056.62.

NCDOT February 7, 2019 Board of Transportation Agenda

**Division 5, con't.**

Town of Apex  
Wake County  
R-2721A  
37673.2.TA1

This Design-Build Project consists of the construction of NC 540 from NC 55 Bypass to east of SR 1152 (Holly Springs Road) for the portion in Apex. This Utility Construction Agreement is to place provisions in the construction contract for the contractor to relocate water and sewer lines. The fixed cost to the Municipality is \$369,981.87.

Town of Fuquay Varina  
Wake County  
R-2721B  
37673.2.TA2

This Design-Build Project consists of the construction of NC 540 from east of SR 1152 (Holly Springs Road) to east of US 401 for the portion in Fuquay Varina. This Utility Construction Agreement is to place provisions in the construction contract for the contractor to relocate water and sewer lines. The fixed cost to the Municipality is \$264,095.

City of Raleigh  
Wake County  
B-5130  
42289.3.3

This Project consists of Improvements on SR 1321 (Avent Ferry Road) to replace Bridge No. 318 over Lake Johnson. At the request of the Municipality, construction will include a multi-use path and retaining wall as Betterments. The Municipality shall reimburse the Department 100% of the actual costs of the work associated with the construction of the Betterments. The estimated cost to the Municipality is \$304,466.

City of Raleigh  
Wake County  
P-5720  
46932.3.1

This Project consists of consists of the CSX-Proposed grade-separation of Durant Road (SR 2006) over CSX S Line Railroad in Raleigh. This Utility Construction Agreement is to place provisions in the construction contract for the contractor to relocate water and sewer lines. The Municipality shall reimburse the Department 100% of the cost of the work. The estimated cost to the Municipality is \$1,005,624.

GoTriangle and  
Town of Cary  
Wake County  
I-5506  
43608.3.3

This Project consists of adding 75' of sidewalk and curb improvements at the I-40 and SR 1002 (Aviation Parkway) interchange. The Department will construct the Project. GoTriangle shall reimburse the Department \$2,808 (50%) towards the cost of the additional sidewalk. The Town of Cary will maintain the sidewalk upon completion.

NCDOT February 7, 2019 Board of Transportation Agenda

**Division 5, con't.**

CSX Transportation Inc.  
Wake County  
P-5720  
46932

The Department proposes to construct a new grade separation on Durant Road (SR 2006) in Raleigh for a 0.68 mile section of existing Durant Road (SR 2006) and a roadway bridge structure of approximately 100 ft in length over the CSX S line railroad. The Department will perform all specified work, including grading, drainage, and surfacing. The Project will include the construction of an overhead crossing at separated grades and appurtenant works, including the superstructure and substructure, and other related facilities across the CSXT Corridor. The estimated cost of the Project is \$14,794,750.

CSX Transportation Inc.  
Wake County  
P-5715  
46927

The Department proposes to construct a new grade separation on New Hope Church Road (SR 2034) in Raleigh for a 0.36 mile section of existing New Hope Church Road (SR 2034) and a roadway bridge structure of 70 ft in length over the CSX S line. The Department will perform all specified work, including grading, drainage, and surfacing. The Project will include the construction of an overhead crossing at separated grades and appurtenant works, including the superstructure and substructure, and other related facilities across the CSXT Corridor. The estimated cost of the Project is \$15,346,500.

CSX Transportation Inc.  
Wake County  
P-5707  
44643

The Department proposes to construct a new grade separation on Rogers Road (SR 2052) in Wake Forest for a 0.726 mile section of existing Rogers Road (SR 2052) and a roadway bridge structure of approximately 100 ft in length over the CSX S line railroad. The Department will perform all specified work, including grading, drainage, and surfacing. The Project will include the construction of an overhead crossing at separated grades and appurtenant works, including the superstructure and substructure, and other related facilities across the CSXT Corridor. The estimated cost of the Project is \$12,290,000.

NCDOT February 7, 2019 Board of Transportation Agenda

**Division 7**

City of Greensboro  
Guilford County  
U-5532E  
46297.3.6

This Project consists of construction of sidewalks along the following streets: 1) Big Tree Way from Wendover Shelby Drive (both sides) and from Shelby Drive to Elk Hound Trail (west side), 2) Bridford Parkway/Hornaday Road from Wendover Avenue to west of Nicholas Road (both sides), 3) Hewitt Street from Norwalk Street to Merritt Drive and 4) Shelby Drive from Big Tree Way to Edith Lane. The Municipality is responsible for all phases of the work. The Department shall reimburse 80% of eligible expenses incurred by the Municipality up to a maximum amount of \$1,436,867. The Municipality shall provide the 20% non-federal match of \$359,217 and all costs that exceed the total available funding of \$1,796,084.

City of Greensboro  
Guilford County  
U-5532F  
46297.3.7

This Project consists of construction of sidewalks along the following streets: 1) Holden Road from Walker Avenue to Spring Garden Street (both sides), 2) Holden Road from Darden Road to Vandalia Road (west side), 3) Holden Road from Madison Avenue to Walker Avenue (both sides), 4) Rankin Road/Martin Avenue south side of Rankin Road from Summit Avenue to Martin Avenue and east side of Martin Avenue from Rankin Road to Springmont Drive and 5) Spring Garden Street from W. Market Street to Pomona Drive (south side). The Municipality is responsible for all phases of the work. The Department shall reimburse 80% of eligible expenses incurred by the Municipality up to a maximum amount of \$1,518,303. The Municipality shall provide the 20% non-federal match of \$379,576 and all costs that exceed the total available funding of \$1,897,879.

**Division 8**

City of Randelman  
Randolph County  
EB-5744  
51067.1.1  
51067.3.1

This Project consists of the construction of sidewalk from High Point Street to Hillary Street. The Municipality is responsible for all phases of the work. The Department shall reimburse 80% of eligible expenses incurred by the Municipality up to a maximum amount of \$368,800. The Municipality shall provide the 20% non-federal match of \$92,200 and all costs that exceed the total available funding of \$461,000.

NCDOT February 7, 2019 Board of Transportation Agenda

**Division 9**

City of Salisbury  
Rowan County  
P-5726  
47604.1.1

This Rail Agreement supersedes the Municipality and Department's January 14, 2005, and September 16, 2008, municipal and supplemental agreements to provide for the ownership and maintenance of the Southern Railway Passenger Station improvements performed pursuant to those agreements. This Agreement also anticipates that, through separate agreements between the Department and other parties, a second platform and associated improvements will be designed, planned, and constructed for the Salisbury Railway Passenger Station. This Agreement assigns ownership and maintenance responsibilities to the Municipality for the proposed second platform, and associated improvements. The Municipality's participation in the cost of the Project shall be \$780,000.

**Division 10**

City of Charlotte  
Mecklenburg County  
SS-4910DJ  
48257.1.1  
48257.2.1  
48257.3.1

This Project consists of traffic signal modifications at the intersection of Wilkinson Boulevard (US 29) and Alleghany Street in Charlotte. The Municipality shall be responsible for the work. The Department shall participate in the costs of the Project up to a maximum amount of \$45,500. Costs that exceed that amount shall be borne by the Municipality.

City of Kannapolis  
Cabarrus County  
P-5725  
47603

This Rail Agreement supersedes the Municipality and Department's June 11, 2001, and December 10, 2014, municipal and supplemental agreements to provide for the ownership and maintenance of the improvements performed pursuant to those agreements. This Agreement also anticipates that, through separate agreements between the Department and other parties, a second platform and associated improvements will be designed, planned, and constructed for the Kannapolis Station. This Agreement assigns ownership and maintenance responsibilities to the Municipality for the proposed second platform, and associated improvements.

**Division 14**

Henderson County  
47887

This Project consists of the repair and backfill of the foundation at the Historic Stepp Mill on SR 1734 (Stepp Mill road). The County shall perform the work. The Department shall participate in the construction costs of the Project up to a maximum amount of \$60,000. Costs which exceed that amount shall be borne by the County.

NCDOT February 7, 2019 Board of Transportation Agenda

SUMMARY: There are a total of 15 agreements for informational purposes only.

**Division 3**

Huffman Vineyards  
Onslow County  
36249.15

This Project consists of the design, fabrication, construction and installation of directional signs for "Huffman Vineyards" in Onslow County. This Supplemental Agreement is for additional signage. The Facility shall reimburse the Department 100% for the work. The estimated reimbursement is \$3,217.50.

Bolivia Volunteer Fire  
Department (BVFD)  
Brunswick County  
48278

This Project consists of the installation of shoulder mounted fire flashers at the Bolivia Volunteer Fire Department. The Department shall perform the work. The BVFD shall maintain the warning flashers.

Tri-City Butte, LLC  
New Hanover County  
36249.3984

This Project consists of signal modifications at US 17 (Market Street) and SR 1403 (Middle Sound Loop Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

**Division 5**

Wake County Public School  
System  
Wake County  
36249.3980

This Project consists of the new installation of a traffic signal at SR 2049 (Forestville Road) at SR 2217 (Old Milburnie Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$5,000.

LIDL US, LLC  
Wake County  
36249.3981

This Project consists of a traffic signal upgrade and crosswalks on New Hope Road at Buffalo Road. The Department will review the plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the actual cost of all work performed by the Department. The estimated cost is \$5,000.

Sheetz  
Wake County  
36249.3964

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

NCDOT February 7, 2019 Board of Transportation Agenda

**Division 5, con't.**

North Hills Master Developer,  
LLC  
Wake County  
36249.3982

This Project consists of a signal upgrade at SR 1005 (Six Forks Road) at North Hills Street. The Department will review the traffic signal plans and inspect the signal installation. The Developer shall reimburse the Department 100% for the work. The estimated cost is \$15,000.

**Division 7**

City of Reidsville  
Rockingham County  
U-3326B  
34924.3.3

This Project consists of landscape plantings and hardscape on US 29 Business (Freeway Drive) from the intersection of Scales Street and NC 87 to NC 14. The Department will install the plantings and the Municipality will maintain them upon completion of the work.

Town of Milton  
Caswell County  
48166

This Project consists of installation of sidewalk on the south side of NC 57 (Broad Street) from just west of Palmers Alley to Leas Street. The Department is responsible for all aspects of the Project and the Municipality will maintain the sidewalk.

Leon Capital Group  
Orange County  
36249.3983

This Project consists of three traffic signal upgrades: at the intersection of US 15-501 and Sage Road/Scarlett Road; US 15-501 and Eastowne Drive/E. Lakeview Drive; and US 15-501 and Eastowne Drive/BCBS Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall pay 100% of the actual cost of all work performed by the Department. The estimated cost is \$15,000.

**Division 8**

Town of Aberdeen  
Moore County  
R-4073HA  
34613.3.14

This Project consists of a groundwater contamination remediation Project near Highway 211 in Aberdeen. This Supplemental Agreement is to extend the completion date for the Project to 1/7/2020 in lieu of 1/17/2019.

**Division 9**

City of Winston-Salem  
Forsyth County  
9RE.103415  
9RE.103417

This Mowing Agreement is for the Municipality to perform mowing and litter pickup within its jurisdiction in the rights-of-way of certain State maintained routes. The Municipality shall provide the equipment, labor, materials and traffic controls for the work, and the Department shall reimburse the Municipality up to \$224,754 annually.

NCDOT February 7, 2019 Board of Transportation Agenda

Forsyth County General  
Services Department  
36249.3431

This Deicing Salt Agreement is to allow the Municipality to pick up salt from the Department's maintenance facility at a cost of \$99.32 per ton.

**Division 10**

Publix North Carolina, LP  
Union County  
36249.3979

This Project consists of the installation of a traffic signal at NC 16 (Providence Road) and the Publix Supermarket driveway in Marvin. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Village of Marvin  
Union County  
2020CPT.10.10.20901.1

This Project consists of resurfacing state maintained roads within the Providence Estates and Beechwood Subdivisions, Firethorne Country Club, Heritage Oak Lane and Woodland Forest Drive in Marvin. The Department shall perform the work. The Municipality shall participate in the cost of the Project with the estimated cost to the Municipality of \$388,975.50.



**NCDOT February 2019 Board of Transportation Agenda**

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

<b>Division</b>	<b>County</b>	<b>Municipality</b>	<b>Road</b>	<b>Termini</b>	<b>Length</b>
12	Cleveland 2019_02_M001	City of Shelby	SR 2049 County Home Road	To delete County Home Road from Kings Road to the US74 Bypass Service Road	0.100
10	Mecklenburg 2019_02_M001	City of Davidson	SR 6023 Robert Walker Drive	To delete Robert Walker Drive from Davidson-Concord Road to the Town of Davidson	0.370

**Total Miles = 0.470 Miles**

**NCDOT February 2019 Board of Transportation Agenda**

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

7	Guilford 2019_02_M001	Town of Oak Ridge	River Farm Drive	To add River Farm Drive – Riverside at Oak Ridge Subdivision	0.170
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**Total Miles = 0.170 Miles**

## NCDOT February 2019 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
3	Revisions of Final Right of Way Plans	R-4
4	Conveyance ROW Residue (HB 501)	R-5
5	Approval of Conveyance of Highway Right of Way Residues	R-6
6	Approval of Conveyance of Surplus Highway Right of Way	R-7
7	Authorization to Condemn Right of Way for Secondary Road Project	R-8 & R-9

**Preliminary Right of Way Plans**

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

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

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

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

**(Division 2)**

**Pitt County; I.D. No. W-5702L; Project No. 44848.2.12:**  
SR 1755 (Black Jack-Simpson Road) at SR 1744 (Mills Road)

**(Division 4)**

**Nash County; I.D. No. B-5980; Project No. 47617.2.1:**  
Bridge No. 203 over I-95 on SR 1522 (Halifax Road)

**(Division 5)**

**Wake County; I.D. No. B-5318; Project No. 46032.2.1:**  
Bridge No. 126 over Smiths Creek on SR 2044 (Ligon Mill Road) in Wake Forest

**Franklin County; I.D. No. B-4516; Project No. 38400.2.2:**  
Bridge No. over Sandy Creek on SR 1433

**Durham County; I.D. No. U-5968; Project No. 45982.2.1:**  
City of Durham upgrade ITS / Signal System

**Preliminary Right of Way Plans (continued)**

**(Division 8)**

**Hoke County; I.D. No. W-5708G; Project No. 44854.2.7:**

US 401 at SR 1411 (North Park Church Road) and SR 1413 (Pittman Grove Church Road) near Raeford

**(Division 9)**

**Rowan County; I.D. No. B-4626; Project No. 38443.2.3:**

Bridge No. 3 over the Yadkin River and Winston-Salem Southbound Railroad on NC 49 (EastBound)

**Forsyth County; I.D. No. W-5709F; Project No. 44855.2.6:**

NC 65 at SR 1956 (Pine Hall Road)

**Stokes County; I.D. No. R-5768; Project No. 44670.2.1:**

US 311 (South Main Street) at NC 65 and SR 1928 (Stokesburg Road) and at Norfolk Southern Rail Crossing #470 180V in Walnut Cove

**(Division 14)**

**Henderson County; I.D. No. R-2588B; Project No. 34473.2.5:**

NC 191 from SR 1381 (Mountain Road) to NC 280 South of Mills River (Utilities Only)

**Final Right of Way Plans**

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

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

**(Division 2)**

**Project No. 34360.2.4; Craven County; I.D. No. R-1015:**

Drainage, paving, grading, signing, structures, signals, widening and culverts on US 70 – Havelock Bypass from North of Pine Grove to North of the Carteret County line with the right of way indicated upon the final plans for said project.

**(Division 5/7)**

**Project No. 38664.2.FD1; Durham/Orange Counties; I.D. No. EB-4707A:**

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

**(Division 14)**

**Project No. 48037.2.2; Jackson County; I.D. No. B-5905:**

Drainage, grading, paving and structure on Bridge No. 27 over Scott Creek and Southern Railroad on US 23 Business with the right of way indicated upon the final plans for said project.

**Project No. 46325.2.1; Clay County; I.D. No. R-5742:**

Drainage, paving and grading on NC 175 – from Georgia State line to US 64, upgrading roadway with the right of way indicated upon the final plans for said project.

**Revisions of the Final Right of Way Plans**

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

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

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

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

**(Division 3)**

**Project No. 34416.2.5; I.D. No. R-2303D; Sampson County:**

Final Right of Way plans approved on the minutes of the September 5, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 27 as presented at the February 7, 2019 Board of Transportation Meeting.

**(Division 5)**

**Project No. 34915.2.1; I.D. No. U-3308; Durham County:**

Final Right of Way plans approved on the minutes of the June 2, 2016 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 9 as presented at the February 7, 2019 Board of Transportation Meeting.

**(Division 7)**

**Project No. 34900.2.3; I.D. No. U-3109B; Alamance County:**

Final Right of Way plans approved on the minutes of the June 28, 2018 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 10 as presented at the February 7, 2019 Board of Transportation Meeting.

**REVISION FINAL ROW PLANS**

**3 PROJECT(S)**

**\$0.00**

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

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

**(Division 2)**

**Project 34452.2.3, R-2539B Parcel 093, NC 55 east of SR 1127 to east of SR 1129 Pamlico County**

Conveyance of an approximate 4.256-acre A-class residue area to Dorothy P. Sadler for the highest offer amount of **\$25,000.00**; commission \$2,000.00

**Project 34440.2.GV1, R-2510C Parcels 103, US 17 from north of SR 1509 Springs Road to north of NC 171**

**Beaufort County**

Conveyance of an approximate 1.676-acre landlocked B-class residue area to Curtis Rogers for the highest offer amount of **\$3,025.00**; commission \$242.00

**CONVEYANCE ROW RESIDUE (HB 501)**

**2 PROJECT(S)**

**\$ 28,025.00**



**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 6)**

**Project 34416.2.3, Parcel R-2303B 005, NC 24 from West of SR 1006 (Maxwell Road/Clinton Road) to I-40  
Cumberland County**

Conveyance of an approximate 0.180-acre residue area to Larry Sutton, the only interested adjacent owner, for the appraised value of \$1,000.00.

**(Division 10)**

**Project 6.689003T, Parcel R-0967CB 118, NC 24/27 Hwy West of Albemarle  
Stanly County**

Conveyance of an approximate 1.110-acre residue area to J. Clayton Burris and wife, Irene M. Burris for the high bid amount of \$8,200.00.

**Project 8.U672212, Parcels R-2248C 019, 021, 023 and R-2248D 000, North Charlotte  
Outer Loop from North of NC 27 (Mount Holly Rd.) to Northeast of SR 2042  
(Oakdale Road)  
Mecklenburg County**

Conveyance of an approximate 22.541-acre residue area, with an appraised value of \$82,200.00, to Mecklenburg County. Mecklenburg County intends to use this residue area for the expansion of their greenway. In exchange, Mecklenburg County will convey an approximate 3.200-acre area, appraised at \$227,200.00, to the Department for the U-5108 – Northcross Extension Project for no monetary consideration.

**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 6)**

**Project 9.8069739, Railroad Right of Way near Cliffdale Road and Glensford Drive  
Cumberland County**

Conveyance of an approximate 0.1266-acre surplus railroad right of way area to GCMMB, LLC for the enhancement value of \$151,000.00.

**APPROVAL OF SURPLUS RIGHT OF WAY**

**1 PROJECT(S)**

**\$ 151,000.00**

**Authorization to Condemn Right of Way for Secondary Road Project**

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

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

**(Division 11)**

**CLAIM OF: Hillary Wilson  
Project No.: 11C.095108  
PARCEL No.: 006  
COUNTY: Watauga  
SR No.: 1137 (Justus Road)**

**CLAIM OF: William Ira Wilson and Carolyn Ashburn  
Project No.: 11C.095108  
PARCEL No.: 007  
COUNTY: Watauga  
SR No.: 1137 (Justus Road)**

**CLAIM OF: Carolyn Ashburn and William Ira Wilson  
Project No.: 11C.095108  
PARCEL No.: 007A  
COUNTY: Watauga  
SR No.: 1137 (Justus Road)**

**CLAIM OF: William Ira Wilson  
Project No.: 11C.095108  
PARCEL No.: 008  
COUNTY: Watauga  
SR No.: 1137 (Justus Road)**

**CLAIM OF: Carolyn Ashburn  
Project No.: 11C.095108  
PARCEL No.: 009  
COUNTY: Watauga  
SR No.: 1137 (Justus Road)**

**CLAIM OF: A'Leta McDaniel  
Project No.: 11C.095108  
PARCEL No.: 014  
COUNTY: Watauga  
SR No.: 1137 (Justus Road)**

Authorization to Condemn Right of Way for Secondary Road Project (continued)

(Division 11) (continued)

CLAIM OF: A'Leta McDaniel  
Project No.: 11C.095108  
PARCEL No.: 014A  
COUNTY: Watauga  
SR No.: 1137 (Justus Road)

CLAIM OF: Howard and Blanch Byrd  
Project No.: 11C.095108  
PARCEL No.: 016  
COUNTY: Watauga  
SR No.: 1137 (Justus Road)

CLAIM OF: Lisa Runner  
Project No.: 11C.095108  
PARCEL No.: 022  
COUNTY: Watauga  
SR No.: 1137 (Justus Road)

CLAIM OF: Mark Hurst-Living Trust  
Project No.: 11C.095108  
PARCEL No.: 023  
COUNTY: Watauga  
SR No.: 1137 (Justus Road)

AUTHORIZATION TO CONDEM RIGHT OF WAY FOR SECONDARY ROAD PROJECT 10 PROJECT(S) \$0.00

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

There will be no Maintenance Allocation submitted to the Board for approval at the February 2019 Board meeting.

There are no Comprehensive Transportation Plans to be presented for approval at the February 7, 2019 Board of Transportation Meeting.

## ITEM V

### NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the February 7, 2019, Board meeting.

## RESOLUTION FOR AVON AND SALVO FERRIES

**WHEREAS**, the Dare County Board of Commissioners supports the tradition of naming North Carolina ferries after towns and regions of coastal North Carolina; and

**WHEREAS**, Dare County, as the Birthplace of English-speaking America, also supports the rich Native American heritage and acknowledges the great service the Hatteras-class ferries Kinnakeet and Chicamacomico have provided the citizens and visitors of North Carolina; and

**WHEREAS**, the Dare County Board of Commissioners is proud to uphold this rich heritage and strongly urges the Albemarle Rural Planning Organization (RPO) and the North Carolina Ferry Division to consider naming future replacement ferries the Kinnakeet and Chicamacomico and other Algonquian place names of our region in honoring this tradition; and

**WHEREAS**, the Dare County Board of Commissioners requests that they said ferry to replace the MV Kinnakeet be named the "Avon" and the ferry to replace the MV Chicamacomico be named the "Salvo" and that the names Kinnakeet and Chicamacomico be considered for future replacement ferries.


**NOW, THEREFORE, BE IT RESOLVED:**

That the North Carolina Board of Transportation names the current MV Kinnakeet as the *Avon* and names the current MV Chicamacomico as the *Salvo*.

That appropriate signs will be erected at a suitable time.

Adopted this the 7<sup>th</sup> day of February 2019 by the North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation



## RESOLUTION FOR L. BOBBY BROWN

**WHEREAS**, the bridge on Interstate 140 that crosses the Cape Fear River from New Hanover County to Brunswick County has recently opened to traffic; and

**WHEREAS**, Louis Bobby Brown was one of the pioneers from Brunswick County on the Wilmington Metropolitan Planning Organization (MPO) and was instrumental in the routing of this section of I-140. Through his work on the MPO, Mr. Brown appeared before the North Carolina Board of Transportation at least three times in support of this highway; and

**WHEREAS**, Mr. Brown was the first mayor of the Town of Navassa, serving in this role from 1977 until 1999. His tireless efforts on behalf of the people of Brunswick County was recognized with the honor of becoming a member of the Order of the Long Leaf Pine in 1984 and continues today at the age of 88; and

**WHEREAS**, the New Hanover County Board of Commissioners joins with other local jurisdictions in requesting that the Cape Fear River Bridge on I-140 be named in honor of Louis Bobby Brown.

**NOW, THEREFORE, BE IT RESOLVED:**

That the North Carolina Board of Transportation names the Cape Fear River Bridge on I-140 in Brunswick County as the *L. Bobby Brown Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted this the 7<sup>th</sup> day of February 2019 by the North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation

## RESOLUTION FOR WAKE FOREST DEMON DEACONS 2018 NCAA MENS TENNIS NATIONAL CHAMPIONS

**WHEREAS**, Wake Forest University requests a championship sign for their winning the 2018 NCAA Men's Tennis Championship; and

**WHEREAS**, the Men's Tennis Team won the championship title on May 22, 2018; and

**WHEREAS**, the Team defeated Ohio State, 4-2, in the championship match to win the first Division 1 men's tennis title in school history; and

**WHEREAS**, the Team ended their season on a 16-match winning streak; and

**WHEREAS**, Wake Forest University requests one championship sign to be placed in proximity of the university.

**NOW, THEREFORE, BE IT RESOLVED:**

That the North Carolina Board of Transportation honors Wake Forest University with one national championship sign that reads *Wake Forest Demon Deacons 2018 NCAA Mens Tennis National Champions*.

That appropriate signs will be erected at a suitable time.

Adopted this the 7<sup>th</sup> day of February 2019 by the North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation



# NORTH CAROLINA

Department of Transportation



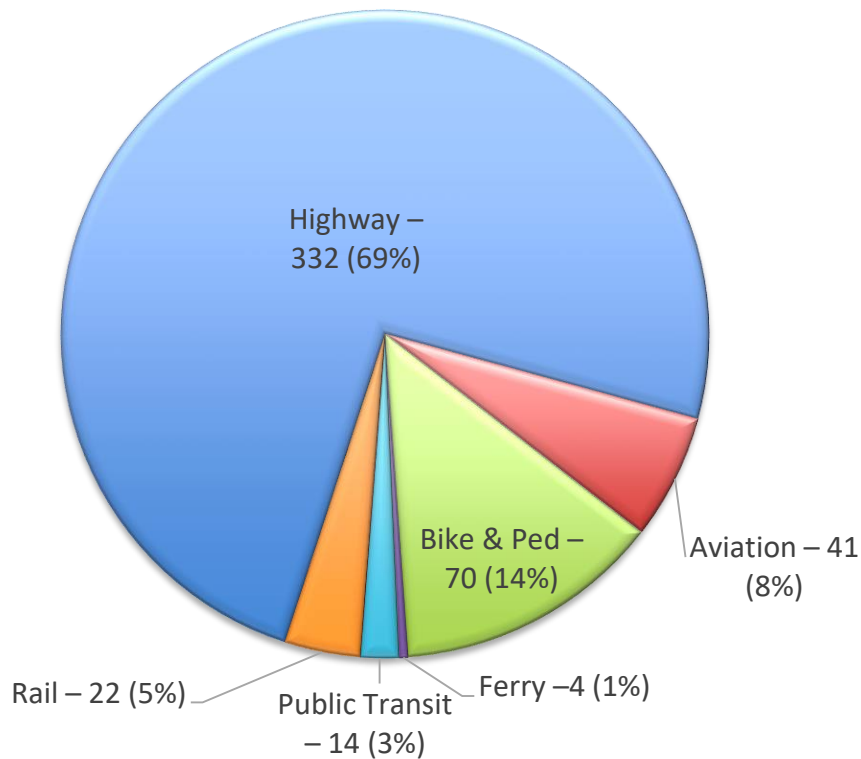
## Draft 2020-2029 STIP

Van Argabright  
NCDOT Division of Planning and Programming

February 6, 2019

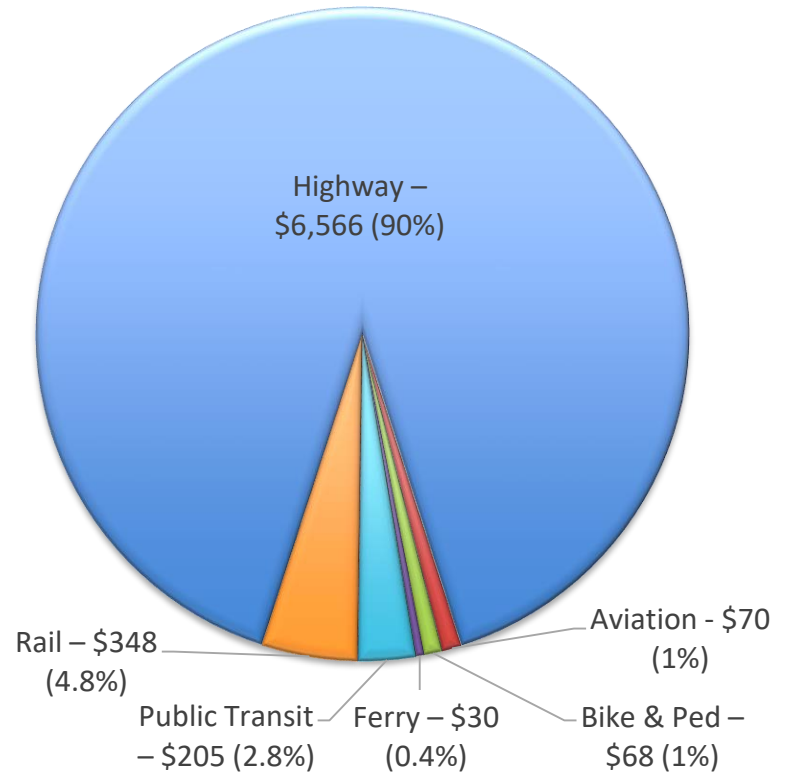
# Projects Evaluated in P5.0

**By Number of Projects  
(483 Total)**



Hwy – 69%, Non-Hwy – 31%

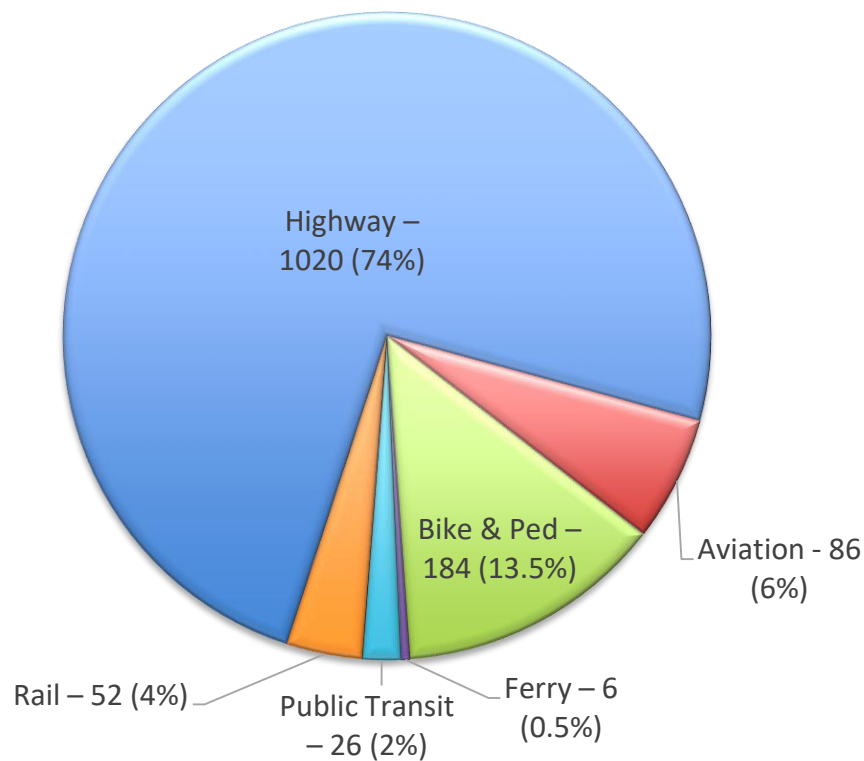
**By Programmed Amount (\$M)  
(\$7,287 Total)**



Hwy – 90%, Non-Hwy – 10%

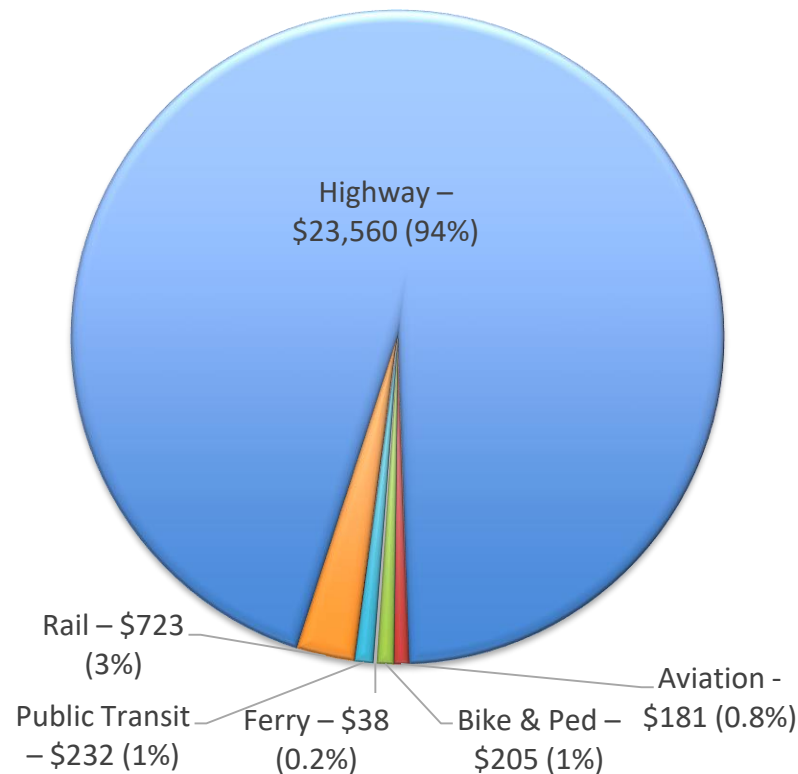
# Projects Evaluated through STI (P3.0, P4.0, P5.0)

**By Number of Projects**  
(1374 Total)



Hwy – 74%, Non-Hwy – 26%

**By Programmed Amount (\$M)**  
(\$24,939 Total)



Hwy – 94%, Non-Hwy – 6%

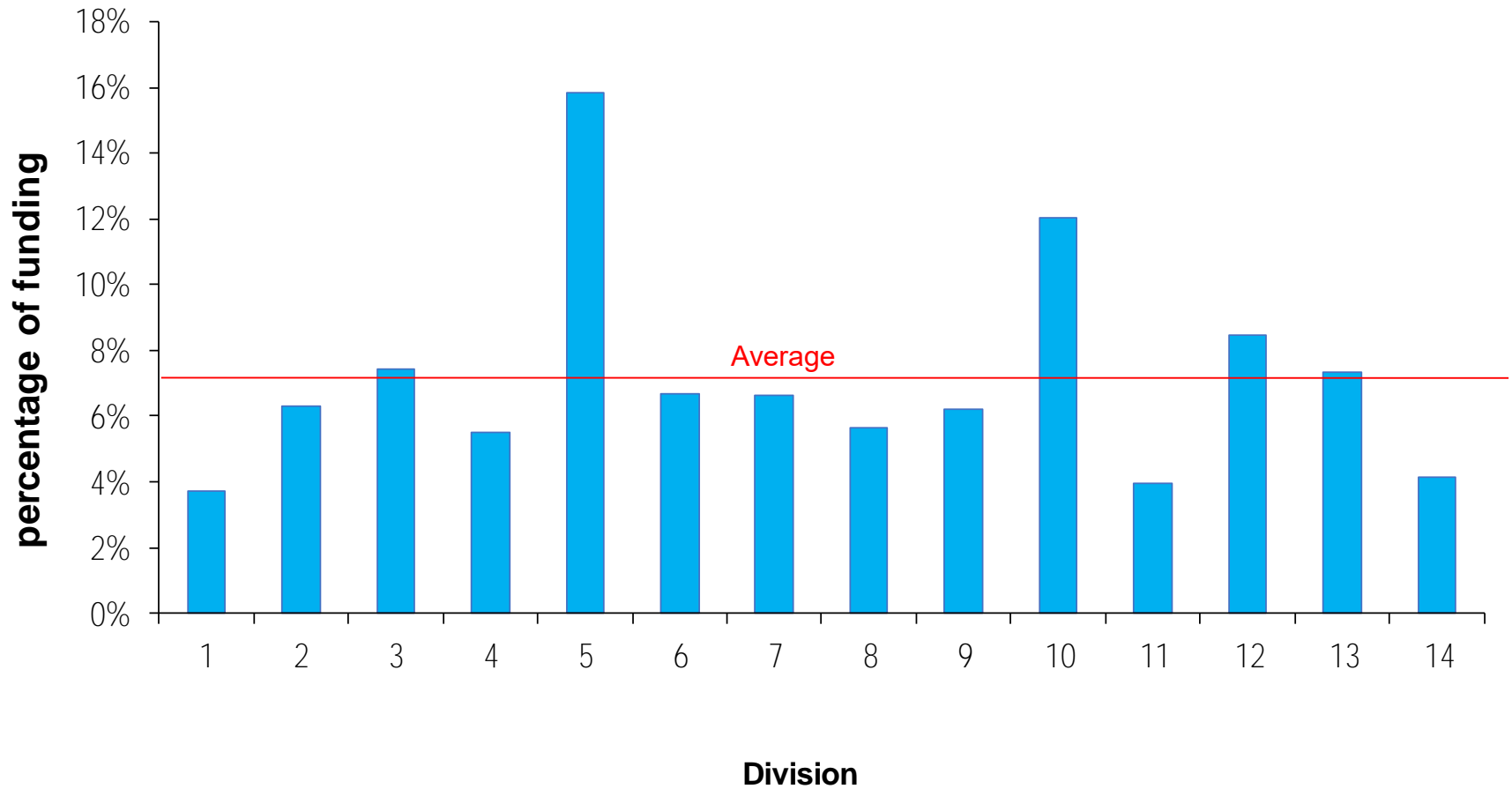
# Draft 2020-2029 STIP

## Project Totals

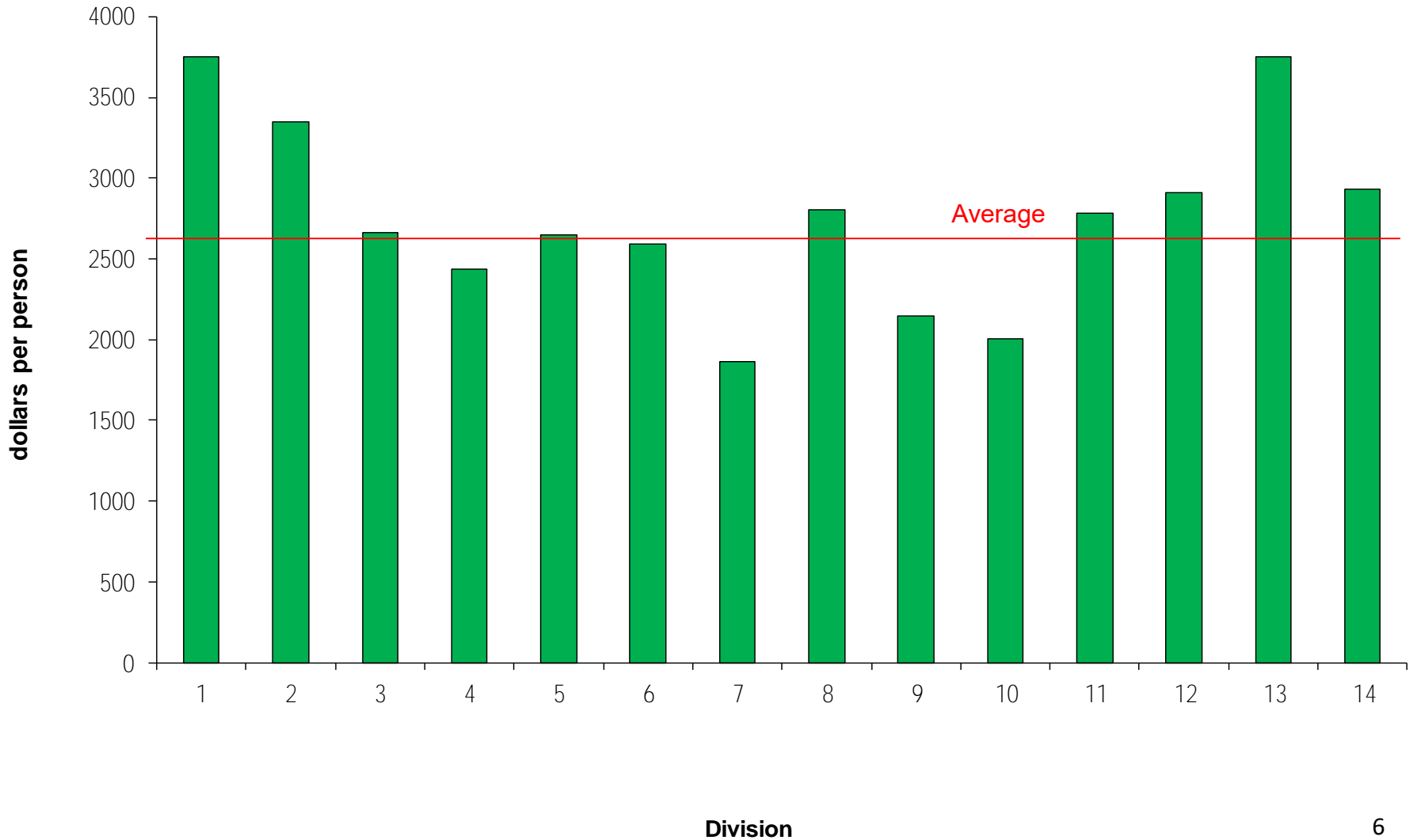
### **1833 Projects (\$27.8B)**

- 1417 Highway (\$26.3B)
  - 1020 STI (Mobility/Modernization) (\$23.6B)
  - 181 Bridges (\$660M)\*
  - 104 Interstate Maintenance (\$851M)\*
  - 37 Safety (\$120M)\*
  - 75 Direct Attributable, CMAQ, Bonus Allocation\*
  
- 416 Non-Highway (\$1.5B)
  - 354 STI (\$1.4B)
  - 62 Direct Attributable, CMAQ (\$111M)\* - All Bike & Ped projects

# FUNDING DISTRIBUTION BY DIVISION IN THE 2020-2029 DRAFT STIP



# PER CAPITA FUNDING BY DIVISION IN THE 2020-2029 DRAFT STIP





## Remaining activities for 2020-2029 STIP cycle

<u>Date</u>	<u>Activity</u>
Mid-February to Mid-March 2019	NCDOT Divisions will hold public outreach to solicit comments on the Draft 2020-2029 STIP
June 2019	NCBOT will be asked to approved final 2020-2029 STIP

Division Public Outreach for the 2020-2029 Draft STIP			
Division	Contact Name/Information	Address	Public Comment Period
1	Brooks Braswell 252-482-1850 <a href="mailto:bnbraswell@ncdot.gov">bnbraswell@ncdot.gov</a>	113 Airport Drive Suite 100 Edenton NC 27932	March 4-8
2	Preston Hunter 252-775-6100 <a href="mailto:phunter@ncdot.gov">phunter@ncdot.gov</a>	1037 W. H. Smith Blvd, Greenville NC	February 18-22
3	Caitlin Marks 910-341-2000 <a href="mailto:cmmarks@ncdot.gov">cmmarks@ncdot.gov</a>	5501 Barbados Blvd Castle Hayne, NC	March 4-8
4	Jimmy Eatmon 252-640-6400 <a href="mailto:jeatmon@ncdot.gov">jeatmon@ncdot.gov</a>	509 Ward Boulevard Wilson, NC 27895	February 25- March 1
5	David Keilson 919-220-4600 <a href="mailto:djkeilson@ncdot.gov">djkeilson@ncdot.gov</a>	2612 N. Duke Street Durham, NC 27704	February 18-22
6	Darius Sturdivant 910-364-0600 <a href="mailto:ddsturdivant@ncdot.gov">ddsturdivant@ncdot.gov</a>	558 Gillespie Street Fayetteville, NC 28301	February 25- March 1
7	Ed Lewis 336-487-0000 <a href="mailto:elewis@ncdot.gov">elewis@ncdot.gov</a>	1584 Yanceyville Street Greensboro, NC	March 4-8
8	Bryan Klutchar 910-773-8021 <a href="mailto:bdklutchar@ncdot.gov">bdklutchar@ncdot.gov</a>	121 DOT Drive Carthage, NC 28327	March 4-8
9	Fredrick Haith 336-747-7800 <a href="mailto:fdhaith1@ncdot.gov">fdhaith1@ncdot.gov</a>	375 Silas Creek Pkwy Winston Salem, NC 27127	March 4-8
10	Stuart Basham 980-262-6257 <a href="mailto:slbasham@ncdot.gov">slbasham@ncdot.gov</a>	716 W Main St. Albemarle, NC 28001	February 25- March 1
11	Sean Sizemore 336-667-9111 <a href="mailto:sbsizemore@ncdot.gov">sbsizemore@ncdot.gov</a>	801 Statesville Road North Wilkesboro, NC 28659	February 18-22
12	Anil Panicker 980-552-4210 <a href="mailto:atpanicker@ncdot.gov">atpanicker@ncdot.gov</a>	1710 East Marion St Shelby, NC 28150	February 18-22
13	Steve Cannon 828-251-6171 Ext 213 <a href="mailto:slcannon@ncdot.gov">slcannon@ncdot.gov</a>	55 Orange Street Asheville NC, 28802	February 25- March 1
14	Wanda Austin <a href="mailto:whaustin@ncdot.gov">whaustin@ncdot.gov</a> Steve Williams <a href="mailto:siwilliams@ncdot.gov">siwilliams@ncdot.gov</a> 828-586-2141	253 Webster Road Sylva, NC	February 25- March 1



# ADVANCED TECHNOLOGY MEETING MINUTES

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

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

## AGENDA TOPICS

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



# ADVANCED TECHNOLOGY MEETING MINUTES

DATE: 12/05/18 TIME: 3:06 pm LOCATION: Board Room 150

MEETING CALLED BY	Co-Chairwoman Valerie Jordon called the meeting to order
BOARD ATTENDEES	Valerie Jordan, Billy Clarke, John Pope

## AGENDA TOPICS

1. MEETING CALL TO ORDER ON DECEMBER 5, 2018 FOR ADVANCED TECHNOLOGY MEETING – CO-CHAIRWOMAN VALERIE JORDON	
DISCUSSION SUMMARY	Co-Chairwoman Jordon called the committee to order and presented roll call and read the conflict of interest statute.
2. PREPARING FOR FUTURE TECHNOLOGIES WORK GROUP UPDATE – LEADERSHIP TEAM DIRECTORS	
DISCUSSION SUMMARY	<p>Bobby Walston, Aviation Division Director, presented highlights for “Beyond Surface Transportation/Unmanned Aerial Systems”</p> <p>He discussed stakeholders and industry leaders working in the state and staying connected and assisting with goals.</p> <p>He discussed opportunities for drone usage, provided updates on progress and where the state wants to go with projects.</p> <p>He discussed institutions doing work in all areas of technology. Hurricane Florence put the on the national map and they are receiving a lot of attention across the country on how to leverage situations.</p> <p>Chuck Church, DMV Legislative &amp; Operations Officer presented highlights for “Connected and Automated Vehicle Policy”</p> <p>He discussed the data warehouse and transportation data warehouse.</p> <p>He discussed connecting autonomous vehicles and making them compliant and keeping track of ownership.</p> <p>Kevin Lacy, Transportation Mobility &amp; Safety State Traffic Engineer presented highlights for “Connected &amp; Automated Vehicle Infrastructure &amp; Data”</p> <p>He discussed three dimensional operations in urban areas, their main goals and the markings and traffic signals and checking efficiencies of vehicles.</p> <p>Frank Winn, Information Technology Chief Information Officer presented highlights for “Industry Technology Advisory Group”</p> <p>He discussed maintaining security of information and seeking assistance from private sectors to assist with moving forward.</p> <p>Neil Mastin, Research &amp; Development Manager presented highlights for “University Center for Transportation Innovation”</p> <p>He mentioned there will be a name change to their group in the future.</p> <p>He discussed engaging universities to see what they would like to work on to make things more cutting edge and strategic.</p> <p>He discussed the groups short, mid and long-term goals that they are working on and the innovation cooperation process.</p>



# ADVANCED TECHNOLOGY MEETING MINUTES

	<p>Ehren Meister, Strategic Initiatives &amp; Program Support Director presented highlights for "Decision Support and Operations Control Data, Integration, Infrastructure, and Analysis Systems Technology"</p> <p>He discussed what is being done to make sure there is infrastructure and technology needs in place to meet department needs.</p> <p>He discussed the situation reports and new technology that will be a game changer with sharing information to the public.</p> <p>He discussed the process of making sure the whole department can access data across the department into a central repository.</p> <p>Aldea Coleman, Chief Deputy Secretary Policy Director discussed next steps</p> <p>She mentioned that the Preparing for Future Technologies Work Group has been in operation for a year since December of 2017.</p> <p>The Group will collectively come together in the next two to three months to determine steps and how to move forward.</p>
ACTIONS TAKEN	N/A
ADJOURNED 3:46 PM	



# ADVANCED TECHNOLOGIES COMMITTEE (ATC) AGENDA

BOARD OF TRANSPORTATION  
FEBRUARY 6, 2019

TIME: 3:40 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum	Valerie Jordan, Co-Chair	3:40-3:45
Opening remarks	Valerie Jordan, Co-Chair David Howard, Chief Deputy Secretary	3:45-3:55
Preparing for Future Technologies: University Center for Transportation Innovation	Neil Mastin, Manager, NCDOT Research and Development	3:55-4:20
Project ATLAS	Leilani Paugh, Mitigation and Modeling	4:20-4:45
Other Discussion	Valerie Jordan, Co-Chair	4:45-4:55
Adjourn	Valerie Jordan	4:55-5:00



# NORTH CAROLINA

Department of Transportation



## Prepare for Future Technologies Work Group – University Consortiums Update for Advanced Technology Committee February 6, 2019



# What: Consortia / Innovation Centers / Centers of Excellence

Multi-year, multi-university coalitions to explore cutting edge topics and work with DOT on strategic ideas

3-5 Universities

3 year program

Forward looking projects

Joint efforts between NCDOT and recipients to define projects and areas of study

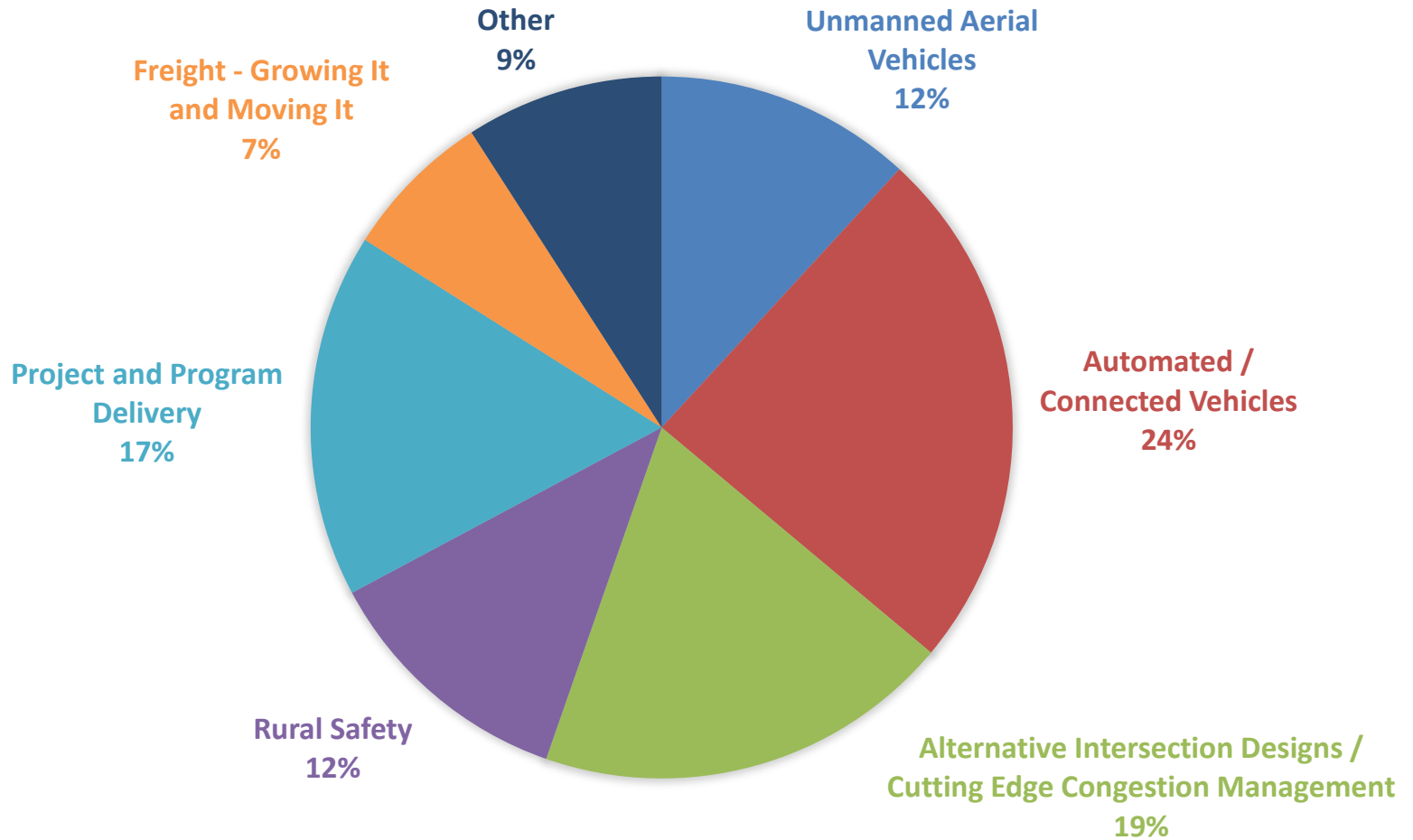


# Why?

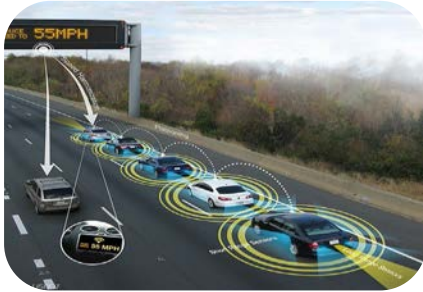
- Provide an eye to the future
- Encourage additional cooperation and cross-pollination across academic partners
- Increase engagement with underutilized and HBCU institutions
- Develop new partners and research skillsets
- Develop a strategic partner to current applied research program

# Consortium Focus Areas

# Consortium Topics Survey



# Conducted many interviews and the topics boiled down to....



Advanced  
Transportation  
Technology



Improving Mobility



Infrastructure



Transportation Safety



# Breaking these topics down:

## Advanced Transportation Technology

- Connected and Automated Vehicles
- Unmanned Aerial Vehicles
- Needed infrastructure to support this technology
- Impact of automation and electrification on infrastructure demands and revenue

## Mobility and Congestion

- Intelligent Transportation Systems and Big Data
- Alternative Interchange Designs
- Adaptive Congestion Management
- Transit's role in mobility improvement and congestion mitigation
- ???

# Breaking these topics down (2):

## Infrastructure

- Infrastructure Health and Asset Management
- Accelerating Project and Program Delivery
- Visualization tools for public engagement
- Design alternatives

## Transportation Safety

- All Modes
- Traveling Public
- Workers
- Vision Zero Efforts

# Next Steps

# University Survey Underway

- Gauging Interest from potential partners
- University input is crucial to making the program interesting and accessible
- Looking for specific concerns and challenges from their perspective
- Need to understand their capacity



# Initial Pilot Efforts

- Top 2 identified areas were
  - Advanced Technology
  - Mobility
- Target pilot efforts towards those topics
- RFP under development
  - Will include a launch slate of projects
- Advertisement by early March
- Launch by early summer

# Gleaned from interviews: Pitfalls to avoid

Must have NCDOT and University partnering to select truly great and useful projects

Must encourage cooperation within projects  
(National consortiums often have siloed participation in a given consortium)

Avoid dominance of a single University in a given consortium

Products should be useful, accessible and visual

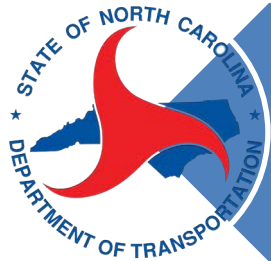
# Funding

- Setting aside \$2M+ for initial efforts from surplus in Research Program
- Federal Rescission in Fall 2019 will have a major impact on research funding availability in future years
  - Limited future Federal dollars
  - Need a larger, sustainable, long term funding source for this effort

# Selection and Oversight



Anticipate a team of executive management will make final selections



Executive Committee to include management and a board member



Project Committees made up of technical experts and designated management

# Long-Term Program Goals

## Grow

- Establish Sustainable and Measurable Consortium Program to Promote Active Strategic Research

## Innovate

- Incorporate Consortium and other Research Results into a Robust Technology and Innovations Program that is Part of NCDOT Standard Operating Procedures

## Develop

- Build Research Skill Sets at under-utilized, HBCU and new partner universities and Enhance Existing Programs

## Fund

- Explore Funding Opportunities Beyond SPR Part A & B sources, especially a state program

## Learn More:

# 1<sup>st</sup> Annual Research and Innovation Summit

- Hosted at NC A&T
- May 7, 2019
- 8:30am to 5:00pm
- 200 participants
- Mix of DOT, Academia, Private sector
- Student Posters
- \$35 registration fee
- Website Up Soon





Thank You





# NORTH CAROLINA

Department of Transportation



## Project Atlas

LeiLani Paugh

Morgan Weatherford

Environmental Analysis Unit





# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

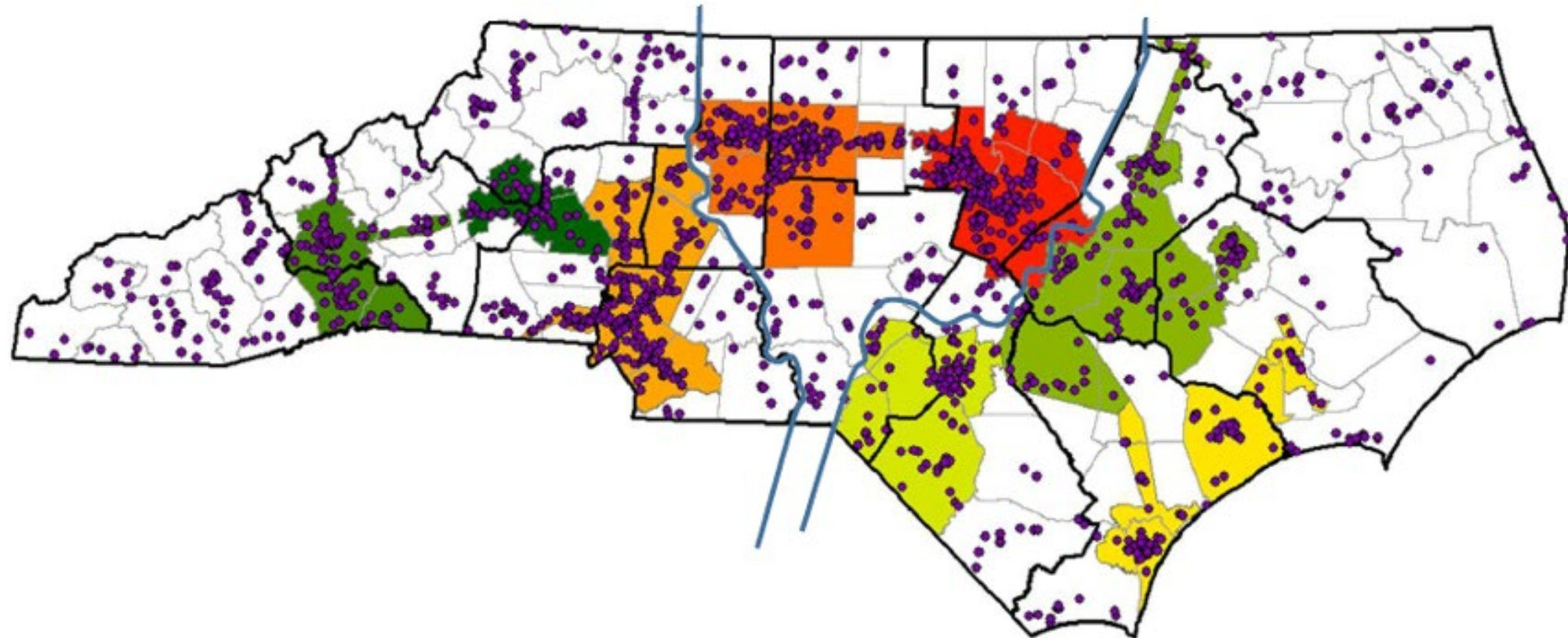
- Goal is to streamline project development using GIS tools, applications, and data
- Adheres to Secretary's Priorities for Improved Program Delivery and Reduced Cash Balance



# NCDOT Project ATLAS



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Regional aspect of new transportation projects



# NCDOT Project ATLAS



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- Wetlands and Streams
- Protected Species
- Sweeping Environmental
- Historic Resources
- Traffic Forecasting
- Community Studies
- Bicycle and Pedestrian
- Right-of-Way
- Utilities



# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

- **Objectives**

- Regional evaluation using GIS
- Early screening
- Inform scope, schedule and budget
- Automated reporting
- One-stop-shop for a project data



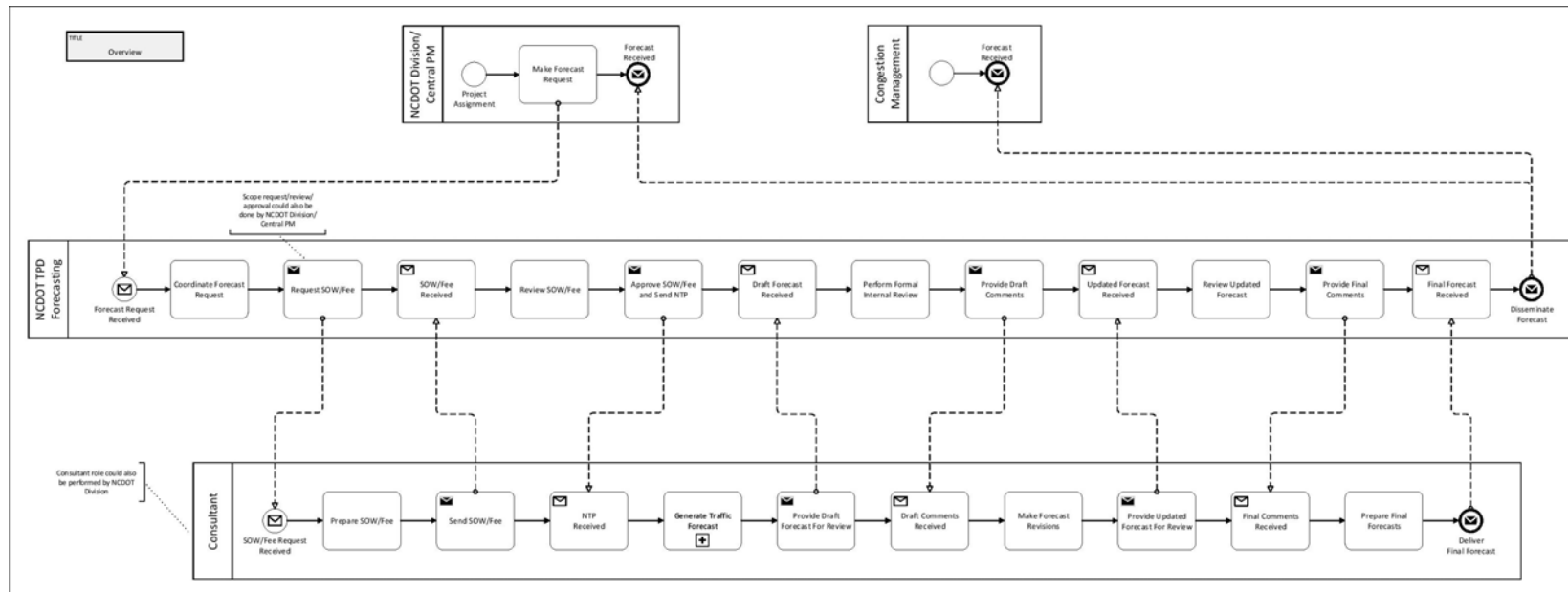
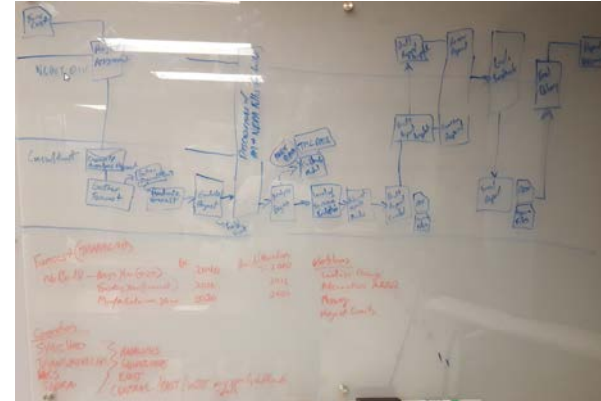


# NCDOT Project ATLAS



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From Drawings to Diagrams





# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

## From Diagrams to Goals

#	Business Goal
1.	Provide the transportation project community a searchable gateway to all spatial data used in project delivery at NCDOT.
2.	Create a tool that screens NCDOT STIP projects against spatial project data for significant impact areas.
3.	Provide a platform for project managers to view their project, their project's impacts, and other significant information related to managing that project.
4.	Stand-up an enterprise GIS SDE for NCDOT project data.
5.	Create enterprise GIS data for project delivery.



# NCDOT Project ATLAS



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## From Goals to Tools

### Search Tool

**February 2019**

A gateway to search and retrieve verifiable, current and accurate project related data.

Addresses NCDOT's need to have consistent data available to Project Managers and Consultants.

### Screening Tool

**February 2019**

A powerful web-based tool to evaluate potential impacts to NCDOT projects using GIS data and predictive modeling.

Allows Project Managers and NCDOT Consultants to understand and coordinate earlier about challenges projects will encounter.

### ATLAS Workbench

**March 2019**

A unified toolset for Project Managers to assess and monitor their projects via the web.

Allows Project Managers and Consultants a common platform to access current project data, historic project data, current deliverable status, and visualize project progress.



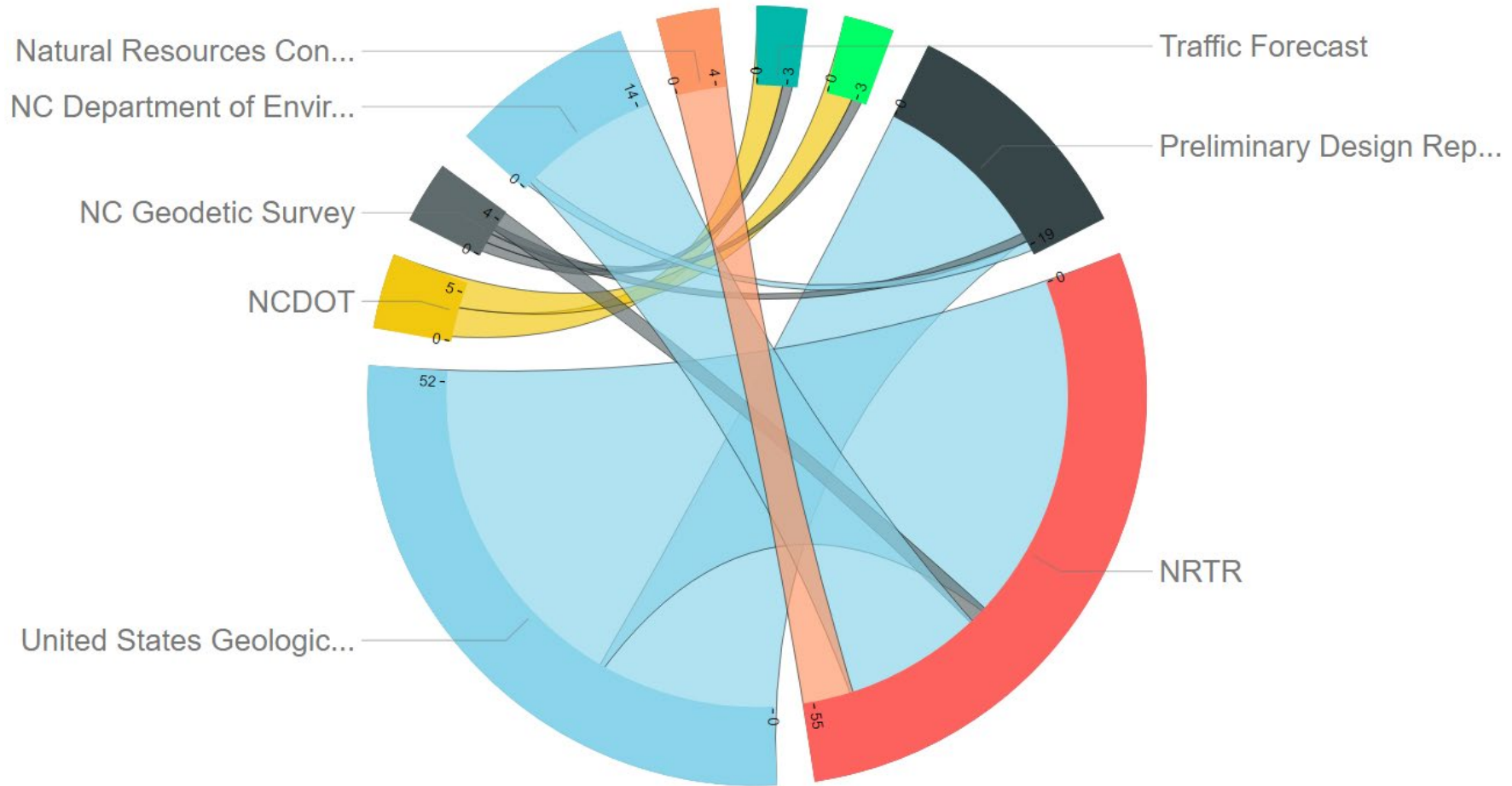
# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

Data Sources

Data Uses







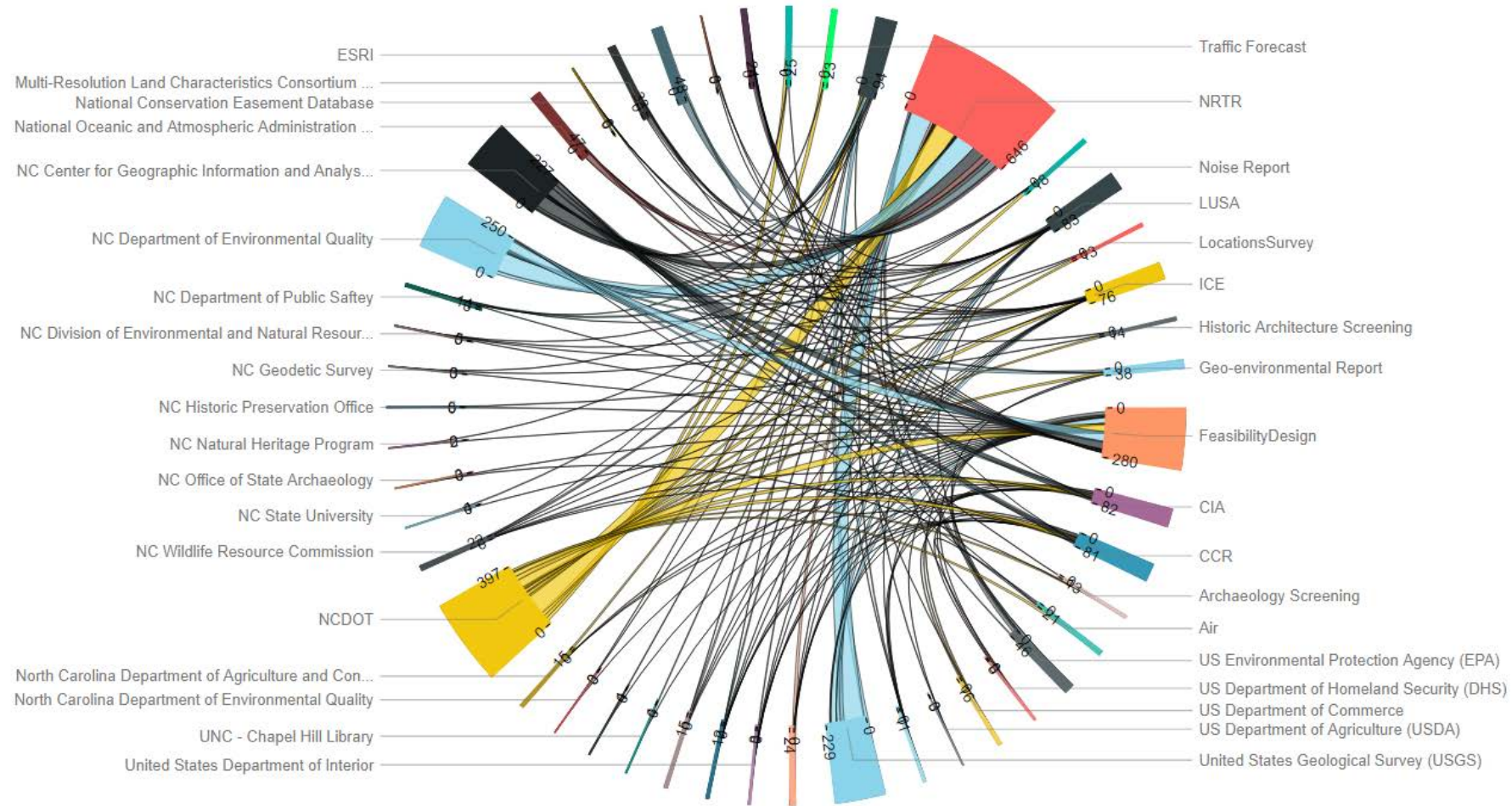
# NCDOT Project ATLAS



## Data

Advancing Transportation through Linkages, Automation, and Screening

## Data Sources



## Data Uses



# NCDOT Project ATLAS



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ATLAS Search Tool

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[Help](#)

## Search

---

What Data Are You Searching For?

Search By Document ⓘ

Search By Organization ⓘ

Search By Keyword ⓘ

Search

Clear



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## Search

What Data Are You Searching For?

Search By Document ?

- NRTR ▾
- Feasibility Design
- Geo-environmental Report
- Historic Architecture Screening
- ICE
- Locations Survey
- LUSA
- Noise Report
- NRTR
- Pre-Construction Notification Letter (PCN)
- Preliminary Design Report
- Traffic Capacity/Impact Analysis
- Traffic Forecast

Search Organization ?

--Select Organization(s)-- ▾

Search

Clear





# NCDOT Project ATLAS



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237 Layers Found.

<input type="checkbox"/> Select	Layer Name	Description	Owner
<input checked="" type="checkbox"/>	<a href="#">2012 Integrated Reporting Water Quality Assessments</a>	This data set contains the detailed water quality assessment for the 3,381 waterbodies in North Carolina where assessment data or information were available. The data assessed were from over 5,000 monitoring stations with data and information mostly collected in calendar years 2006-2010. This data set includes parameters assessed and water quality rating.	NC Department of Environmental Quality, Division of Water Resources
<input checked="" type="checkbox"/>	<a href="#">303d and 305b Streams (ESM Layer)</a>	303d and 305b Streams for ESM application hosted by NCDOT.	NCDOT, GIS Engineering Transportation Systems, GIS Unit
<input type="checkbox"/>	<a href="#">Albemarle - Pamlico National Estuary Partnership Map</a>	AP map is an interactive mapping application designed to provide geographic information about the Albemarle-Pamlico (A-P) watershed and APNEP.	NC Department of Environmental Quality, Albemarle-Pamlico National Estuary Partnership
<input checked="" type="checkbox"/>	<a href="#">Alluvial Fans</a>	Location and attributes of alluvial fan studies. Only the 1-percent-annual-chance flood is mapped for alluvial fans. The alluvial fan could be mapped as: Zone AO areas with depths and velocities; Zone AO areas with just depths; or Zone A, AE, or X. This information is needed for the Summary of Alluvial Fan Analyses and Results of Alluvial Fan Analyses tables in the FIS report.	Department of Homeland Security, Federal Emergency Management Agency
<input checked="" type="checkbox"/>	<a href="#">Anadromous Fish Spawning Areas</a>	NC DEQ maps here: <a href="http://portal.ncdenr.org/web/mf/afsa-maps">http://portal.ncdenr.org/web/mf/afsa-maps</a>	NC Department of Environmental Quality, Division of Marine Fisheries

Use checkboxes to select data sets you would like to Download or View on Map, then hit Download or View on Map button. You will then be prompted to define your geographic area of interest.

[Download or View On Map](#)



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ATLAS Search Tool

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[Help](#)

[Search Home](#) » [Area of Interest](#)

## Define Your Area of Interest

The next step is to define your geographic Area of Interest. You can do this by:

- Uploading a boundary of your project study area.**
- Select a pre-defined boundary.

### Upload Your Geometry ⓘ

Upload

[Verify](#)

[Download](#)



[View On Map](#)





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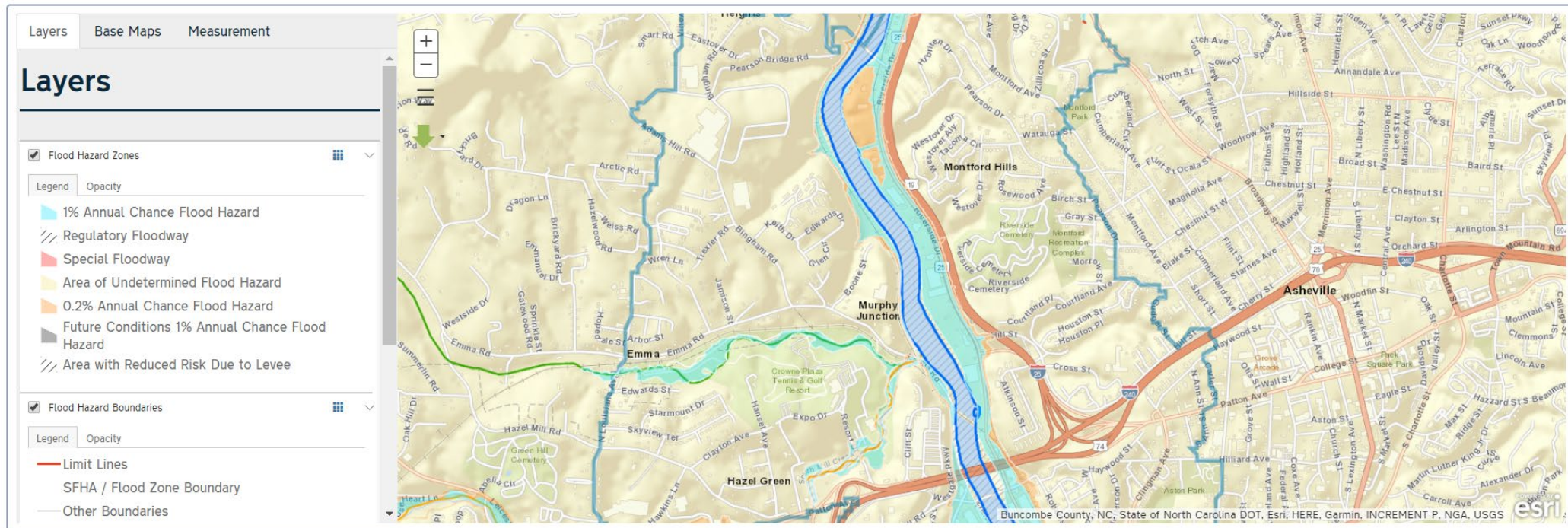
ATLAS Search Tool

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Layers Base Maps Measurement

## Base Maps

- Imagery
- Imagery with Labels
- Streets
- Topographic
- Dark Gray Canvas
- Light Gray Canvas
- National Geographic
- Terrain with Labels
- Oceans
- OpenStreet
- USA Topo Maps
- USGS National





# NCDOT Project ATLAS



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ATLAS Screening Tool

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## Welcome to the Project Development Screening Tool

In order to screen a project study area, you need to complete a few steps:

1. Build Your Study Area
2. Buffer Your Study Area (optional)
3. Select Data to Screen
4. View, Download, and/or Share Your Screening Report

To begin: How would you like to build your Project Study Area?

1

By Project ID

Select if you know your STIP or SPOT ID for the project you are screening.

2

Upload Study Area

Select if you have a study area boundary in .zip format.

3

Draw Study Area

Select if you would like to build your study area using draw tool.





# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

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[Help](#)

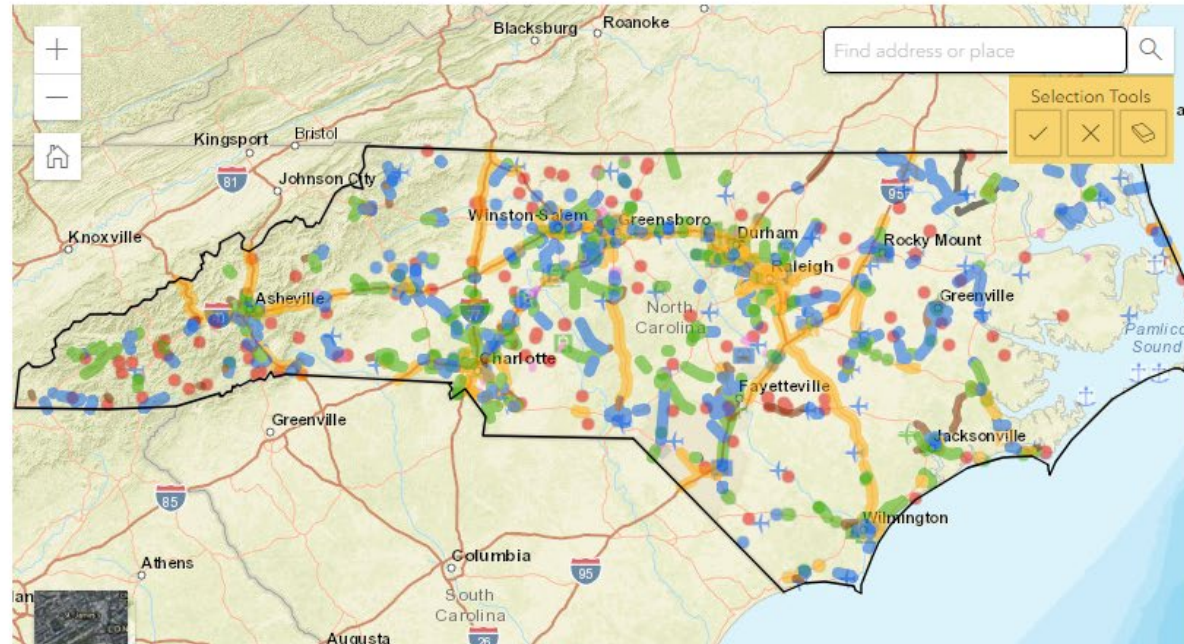
[Screening Home](#) » [Screen By Project ID](#)

## Screen By Project ID

Utilize the Project ID Search and/or select your project from the map with the map Selection Tools. Only projects highlighted on the map will be included in your Study Area when you click Next.

Enter STIP or SPOT ID

Ex. STIP ID: I-0914, Ex. SPOT ID: H141398





# NCDOT Project ATLAS



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Buffers are required to be:

1. Applied for point and line features
2. No more than 2 miles

Buffers are optional for polygon features.

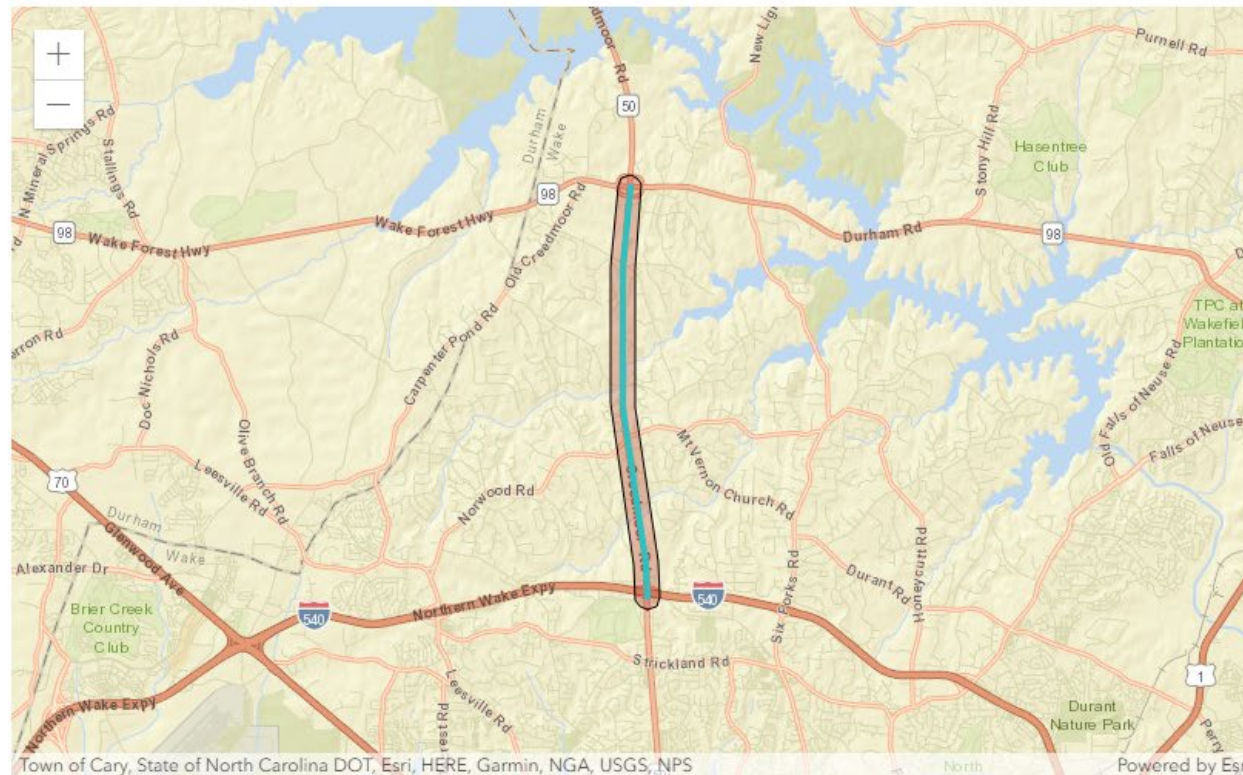
Distance

1000

Unit

Feet

Buffer



Back

Next





# NCDOT Project ATLAS



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Select the data sets against which you would like to screen your project. Use check boxes to add layers to your screening. Click the layer name to preview the layer on the map, view layer information, or set sub-report fields for specific layers.

Layer Information

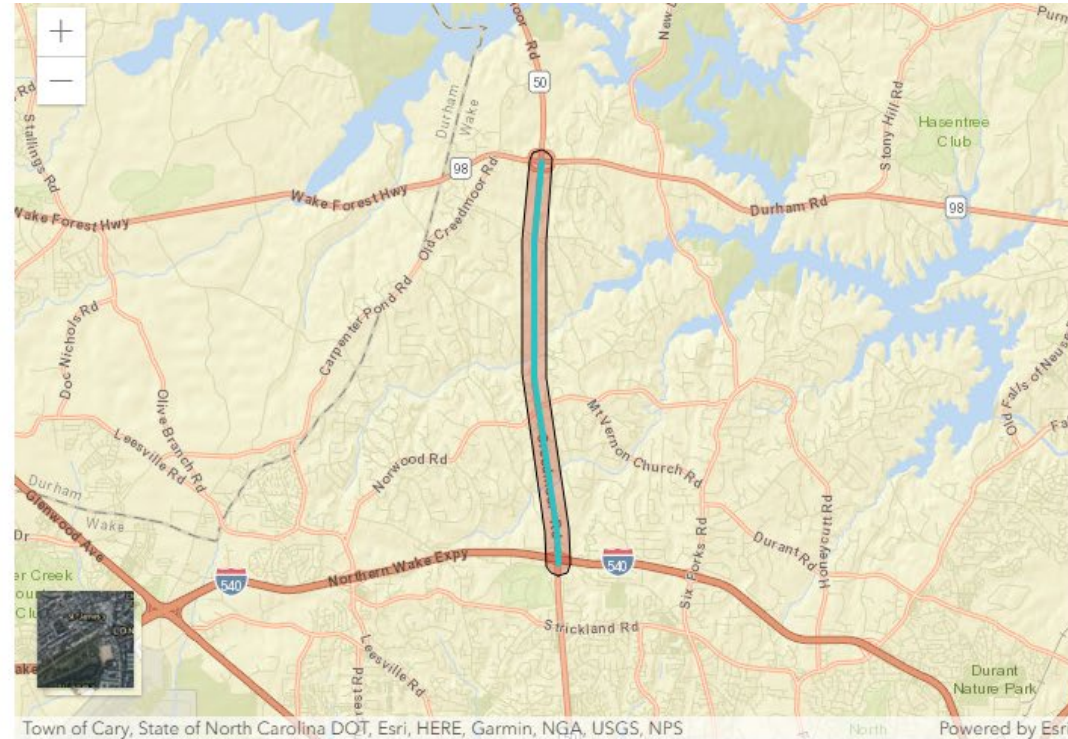
Set Field

Search by layer name

- Human Environment
- Natural Environment
- Conservation Area
- Critical Areas (ESM Layer)
- National Conservation Easement Database
- National Wildlife Refuges (>3M)
- NC CAMA Counties (DCM List)
- NC DEQ DCM Coastal Reserve Boundary

Back

Next







# NCDOT Project ATLAS



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Number of potential impacts: 14

Download Report

Download GDB

Download DGN

Show Layer Information

Submerged Aquatic Vegetation

NOAA Essential Fish Habitat

Hydrography

NC DEQ Draft 303d Category 5 Assessments

FEMA Stream Study Type (ESM Layer)

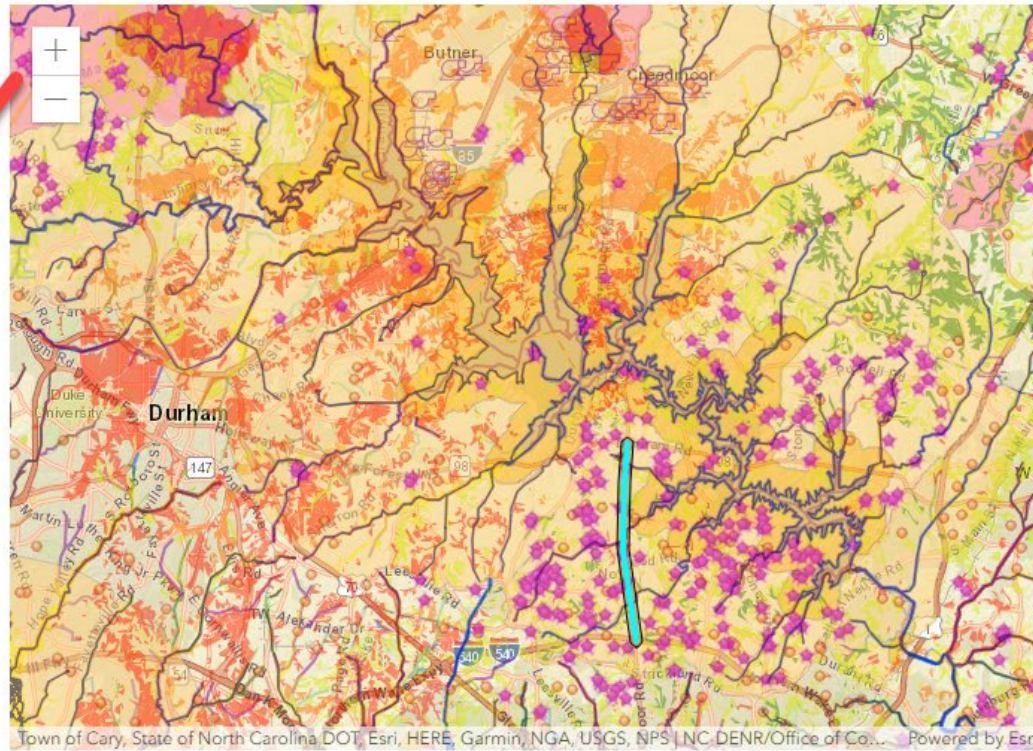
DWR Trout Waters 2014 (ESM Layer)

303d and 305b Streams (ESM Layer)

NC DEQ Outstanding Resource Waters in North Carolina

NC DEQ Water Supply Watershed III

NC DEQ High Quality Waters in North Carolina



Town of Cary, State of North Carolina DOT, Esri, HERE, Garmin, NGA, USGS, NPS | NC DENR/Office of Co... Powered by Esri



# NCDOT Project ATLAS



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Number of potential impacts: 14

Download Report

Download GDB

Download

Submerged Aquatic Vegetation

NOAA Essential Fish Habitat

Hydrography

NC DEQ Draft 303d Category 5 Assessments

FEMA Stream Study Type (ESM Layer)

DWR Trout Waters 2014 (ESM Layer)

303d and 305b Streams (ESM Layer)

NC DEQ Outstanding Resource Waters in North Carolina

NC DEQ Water Supply Watershed III

NC DEQ High Quality Waters in North Carolina

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## Layer Information

**Layer Name:** NC DEQ Draft 303d Category 5 Assessments

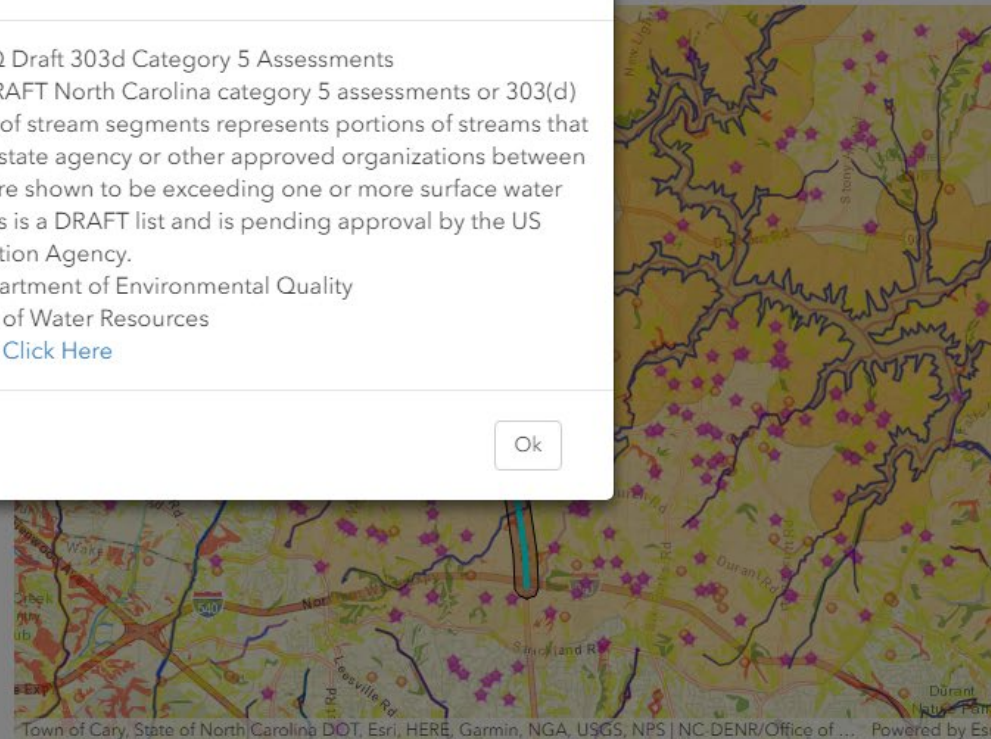
**Layer Description:** DRAFT North Carolina category 5 assessments or 303(d) assessments. This list of stream segments represents portions of streams that were monitored by a state agency or other approved organizations between 2010 and 2014 and are shown to be exceeding one or more surface water quality standards. This is a DRAFT list and is pending approval by the US Environmental Protection Agency.

**Org Name1:** NC Department of Environmental Quality

**Org Name2:** Division of Water Resources

For more information [Click Here](#)

Ok







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Untitled - ArcMap

File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help

1:60,000

Table Of Contents

- Layers
  - NC\_Water\_Supply\_intakes
  - NC\_Public\_Water\_Supply\_Water\_Sources
  - USGS\_24K\_Streams\_2014**
  - T303d\_and\_305b\_Streams\_ESM\_Layer\_
  - NC\_Surface\_Water\_Quality\_classification
  - NC\_DEQ\_Water\_Supply\_Watershed\_IV
  - NC\_DEQ\_Draft\_303d\_Category\_5\_Assessments
  - FEMA\_Stream\_Study\_Type\_ESM\_Layer\_
  - Study\_Area
  - NCDOT\_SSURGO\_Soils
  - NC\_DEQ\_Water\_Supply\_Watersheds
  - Critical\_Areas\_ESM\_Layer\_

Dr

Catalog

Location: USGS\_24K\_Streams\_2014

- Home - Documents\ArcGIS
  - Folder Connections
    - I:\ProjAtlasData\Photogrammetry Floren
    - N\Transfer
    - \\dot\DFSRoot01\ArcGisServerTest\GisP
    - \\DOT\DFSRoot01\Citrix\CTX-Prod-XDR
    - \\DOT\DFSRoot01\Citrix\CTX-Prod-XDR
    - \\DOT\DFSRoot01\Citrix\CTX-Prod-XDR
    - Atlas\_AOI\_12172018170015
      - zipfolder
        - data.gdb
          - Critical\_Areas\_ESM\_Layer
          - FEMA\_Stream\_Study\_Type
          - NC\_DEQ\_Draft\_303d\_Cate
          - NC\_DEQ\_Water\_Supply\_W
          - NC\_DEQ\_Water\_Supply\_W
          - NC\_Public\_Water\_Supply\_
          - NC\_Surface\_Water\_Quality
          - NC\_Water\_Supply\_intakes
          - NCDOT\_SSURGO\_Soils
          - Study\_Area
          - T303d\_and\_305b\_Streams\_
          - USGS\_24K\_Streams\_2014
        - readme.txt
  - Toolboxes
  - Database Servers
  - Database Connections
  - GIS Servers
  - My Hosted Services

2102715.427 806193.425 Feet



# NCDOT Project ATLAS



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## Project Development Screening Report



### ACEC Presentation Screening - U-5891

Report Description:

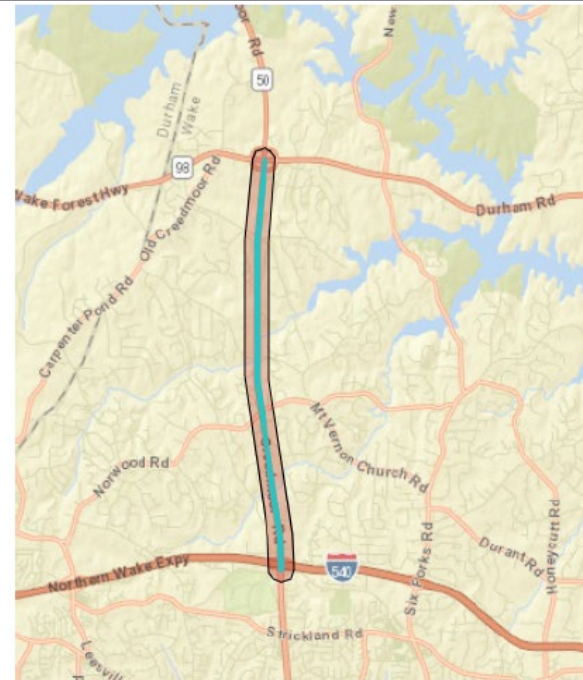
ATLAS screening for ACEC presentation for U-5891.

Buffer Size: 1000 Feet

STIP/SPOT ID: U-5891, H090577

STIP/SPOT Description:

U-5891: I-540 TO NORTH OF NC 98. WIDEN TO MULTILANE DIVIDED ROADWAY.



### Summary of Potential Impacts

Impact Type	Potential Impacts
Conservation Area	Yes
Fish and Aquatics	No
Hydrography	Yes



# NCDOT Project ATLAS



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<b>Hydrography</b>	<b>Count</b>	<b>Total Coverage</b>	<b>Nearest</b>
<a href="#">303d and 305b Streams (ESM Layer)</a>	7	8778.0 ft	529.7 ft
<a href="#">FEMA Stream Study Type (ESM Layer)</a>	5	11245.5 ft	476.9 ft
<a href="#">NC DEQ Water Supply Watershed IV</a>	4	10855.4 ft	529.7 ft
<a href="#">USGS 24K Streams 2014</a>	4	8778.0 ft	529.7 ft
<a href="#">NC DEQ Water Supply Watersheds</a>	2	1053.6 ac	N/A
<a href="#">NC DEQ Draft 303d Category 5 Assessments</a>	1	3834.1 ft	N/A
<a href="#">DWR Trout Waters 2014 (ESM Layer)</a>	0	0 ft	0
<a href="#">High Quality Water and Outstanding Resource Water Management Zones</a>	0	0 ac	0
<a href="#">NC Wild and Scenic Rivers</a>	0	0 ft	0
<a href="#">NOAA Designated Critical Resource Waters</a>	0	0 ac	0
<a href="#">USDA Forest Service Wild and Scenic Rivers</a>	0	0 ft	0
<a href="#">WRC Trout Waters</a>	0	0 ft	0
<b>Physiography</b>	<b>Count</b>	<b>Total Coverage</b>	<b>Nearest</b>
<a href="#">NCDOT SSURGO Soils</a>	144	1053.6 ac	17.5 ft
<a href="#">US EPA Level III Ecoregions</a>	1	1611.4 ac	N/A
<a href="#">US EPA Level IV Ecoregions</a>	1	1611.4 ac	N/A
<b>Utilities</b>	<b>Count</b>	<b>Total Coverage</b>	<b>Nearest</b>
<a href="#">NC Public Water Supply Water Sources</a>	5	N/A	461.6 ft
<a href="#">NC Water Supply intakes</a>	5	N/A	461.3 ft
<a href="#">NC Surface Water Intakes</a>	0	N/A	0
<a href="#">Sanitary Sewer Systems - Land Application Areas</a>	0	N/A	0
<a href="#">Sanitary Sewer Systems - Pumping Stations</a>	0	N/A	0
<a href="#">Water Distribution Systems - Water Pumping Stations</a>	0	N/A	0





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Connect NCDOT  
BUSINESS PARTNER RESOURCES

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[Doing Business](#) [Bidding & Letting](#) [Projects](#) [Resources](#) [Local Governments](#)

Search this site



## U-5834 ▶ U-5834

US 25 (Hendersonville Rd) to SR 3157 (Weston Rd). Upgrade existing roadway.  
Buncombe

[Home](#) > [Division 13 Preconstruction](#) > [U-5834](#)

### Project Site

- [Preconstruction Home](#)
- [Grant Consulting Firm Access](#)
- [Lock/Unlock Plans or Provisions](#)
- [Key Documents](#)
- [Discipline Specific Links](#)
- [Preconstruction Help](#)
- [Project Commitments](#)
- [Project Contacts](#)
- [Email Project Contacts](#)
- [Project Structures](#)
- [Submittal Tracker](#)
- [Recently Modified](#)



#### ▶ General

#### ▶ Disciplines

#### ▶ Collaboration

#### ▶ LET Preparation

#### ▶ ATLAS Tools

- [ATLAS Workbench](#)  
Use the Workbench to monitor project status, submit your final project documents, and upload spatial deliverables.
- [ATLAS Data Search Tool](#)  
Use the Data Search Tool to access GIS datasets from multiple sources in one single search interface.
- [ATLAS Screening Tool](#)  
Use the Screening Tool to analyze a project study area for natural and human environment impacts based on key GIS datasets.

### Precon Project Map





# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening



ATLAS

Map

Workbench

About

Additional Resources

Help

Layers Base Maps Tools

## Layers

WRC Trout Waters

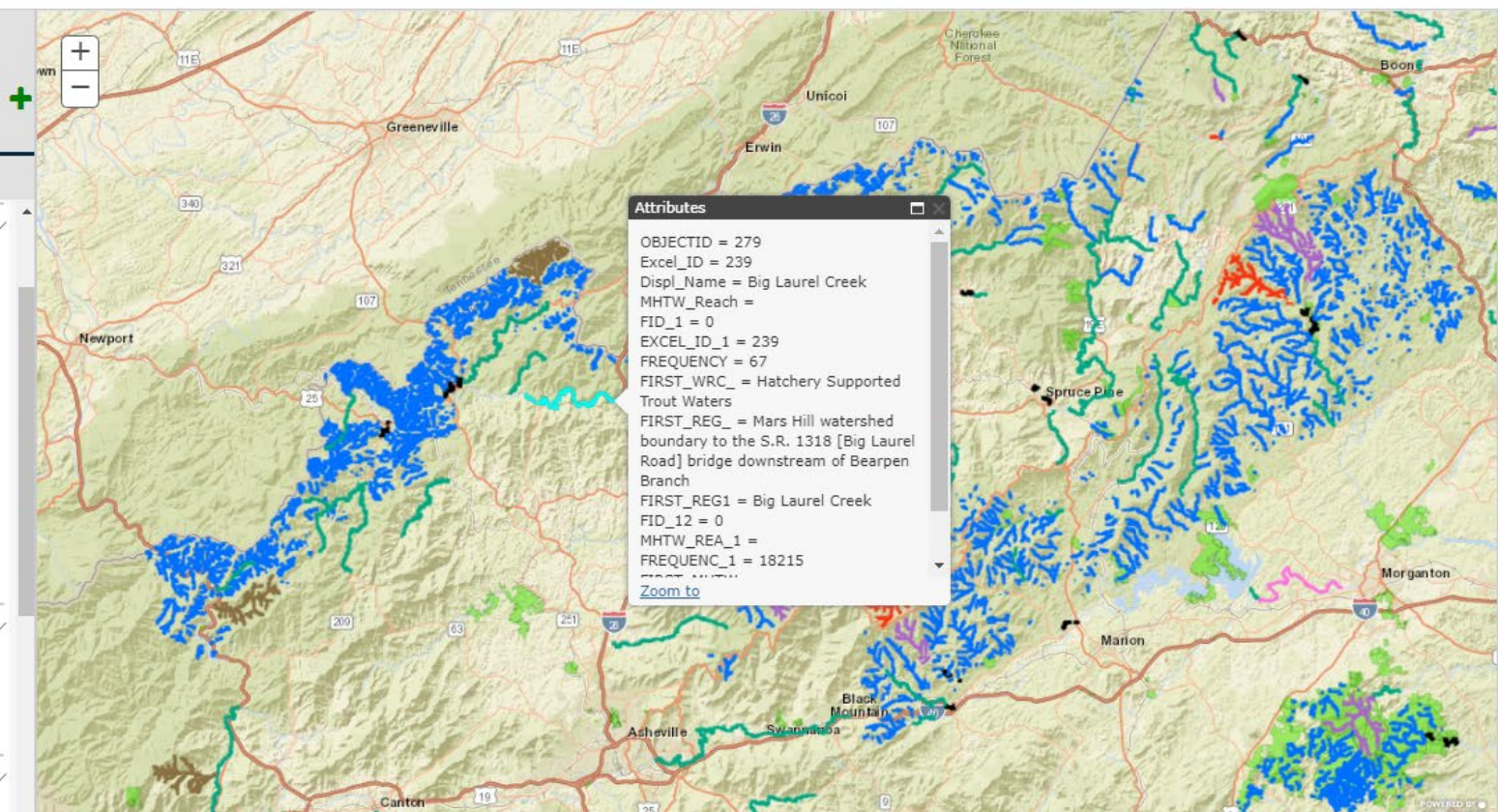
Legend Opacity

- Catch and Release/Artificial Flies Only Trout Waters
- Catch and Release/Artificial Lures Only Trout Waters
- Delayed Harvest Trout Waters
- Hatchery Supported Trout Waters
- Special Regulation Trout Waters
- Wild Trout Waters
- Wild Trout/Natural Bait Waters

Boating Access Areas

Legend Opacity

North Carolina State Parks







# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

Map

Workbench

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Basic Project Info	
Scoping	✓
Public/Local Involvement	✓
Merger	✓
Survey & Photogrammetry	✓
Traffic	✓
Community Characteristic Report (CCR)	✓
Natural Resources	✓
Indirect & Cumulative Effects (ICE)	✓
Air Quality	✓
Noise Analysis	✓
Cultural Resources	✓
Geo-Environmental	✓
Land Use Scenario Assessment (LUSA)	✓
Community Impact Assessment (CIA)	✓
Project Conclusion	✓

## Natural Resources



Is Natural Resources required?

Yes  No

a. Natural Resources:

\* Was Jurisdictional Area Delineation completed?

Yes  No

\* Were T&E surveys completed?

Yes  No

\* What effect will the project have on Threatened and Endangered Species or their critical habitat?

\* Select species that are potentially impacted:

\* Are there any species for which biological conclusions are unresolved?

Yes  No

If so, which and why?

\* Has the USFWS requested a Biological Assessment during Section 7 consultation?

Yes  No

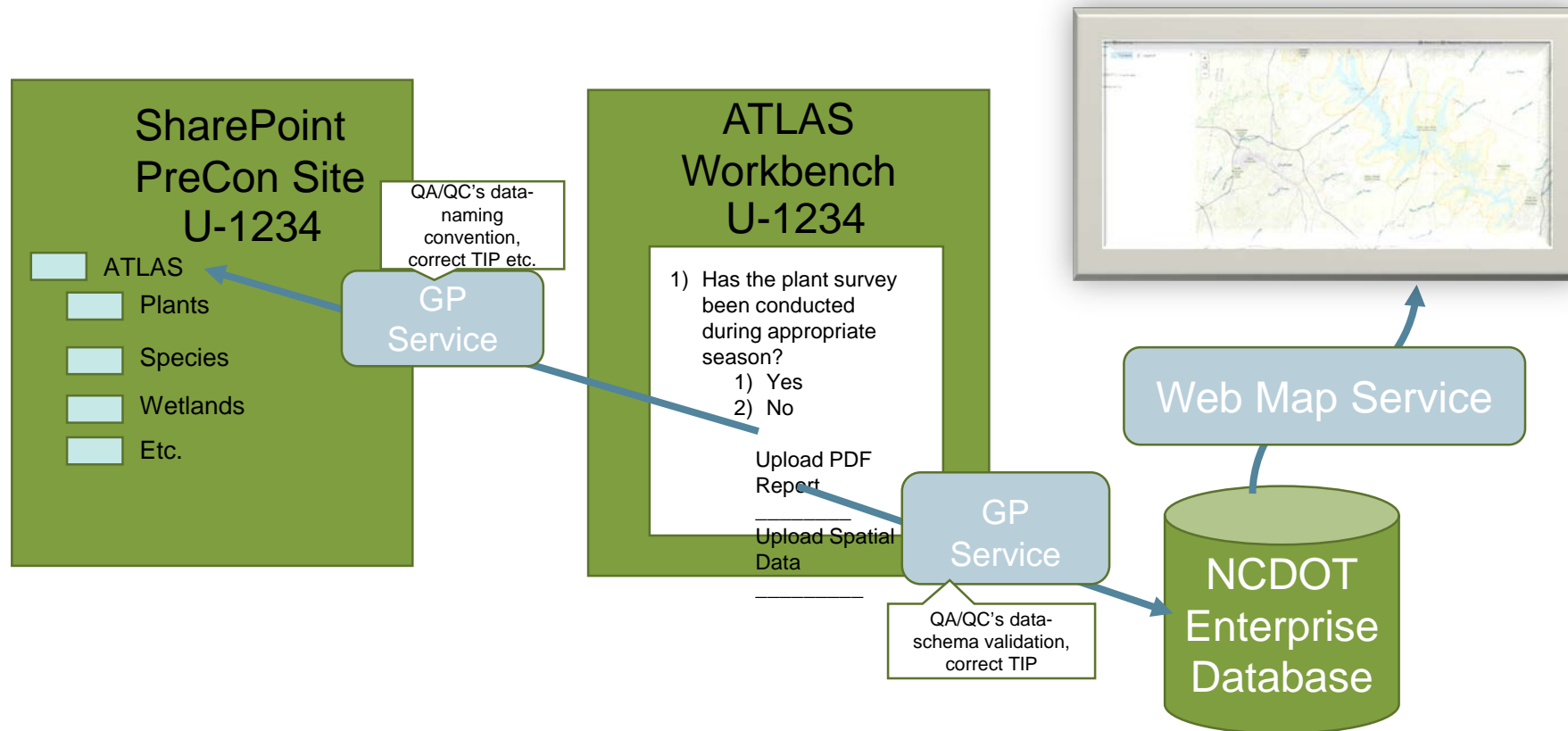


# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

## • Workbench: Data Flow



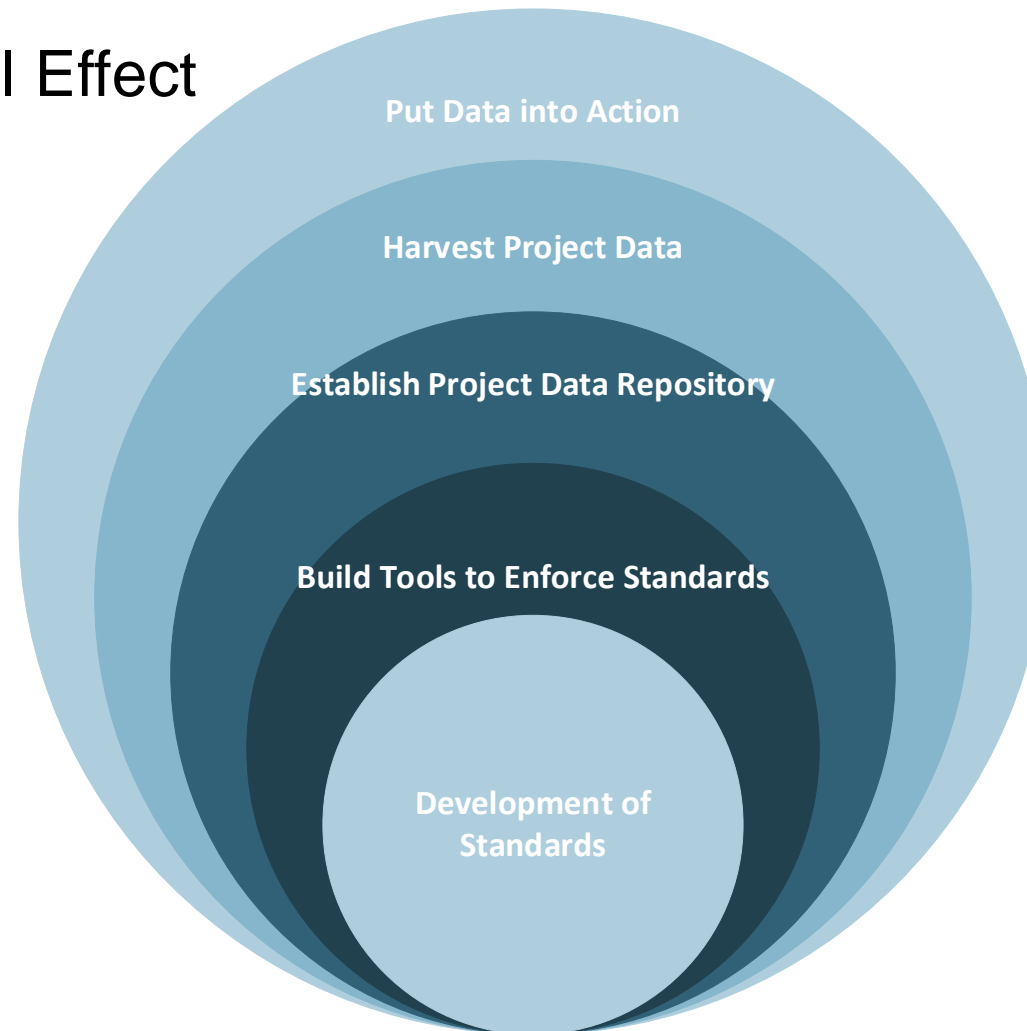


# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

## Workbench: Snowball Effect





# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

## Application Management Tool

**ATLAS Application Management Portal**

- Manage ATLAS Search Tool
- Manage ATLAS Screening Tool
- Manage ATLAS Workbench
- Manage ATLAS Disclaimer
- Manage ATLAS About
- Manage ATLAS Additional Resources
- Manage ATLAS Help

**ATLAS Application Management Portal**

Manage » Search Tool » Manage Search Results

Layer Name	Linked
2012 Integrated Reporting Water Quality Assessments	NRTR . .
2015RareRoadsidePopulations_pt_nodupl.shp	No
2016 Traffic Segments Primary	Traffic F
2016 Traffic Segments Secondary	Traffic F
303d and 305b Streams (ESM Layer)	5
911 Response with Transport Capability	
911 Response without Transport Capability	
Air Medical/Specialty Care Transport	

**ATLAS Application Management Portal**

Home » Decision Tree Administration

Select a part of the decision tree to configure:

- Categories
- Groups
- Controls

Configure Controls for Natural Resources

Add Control

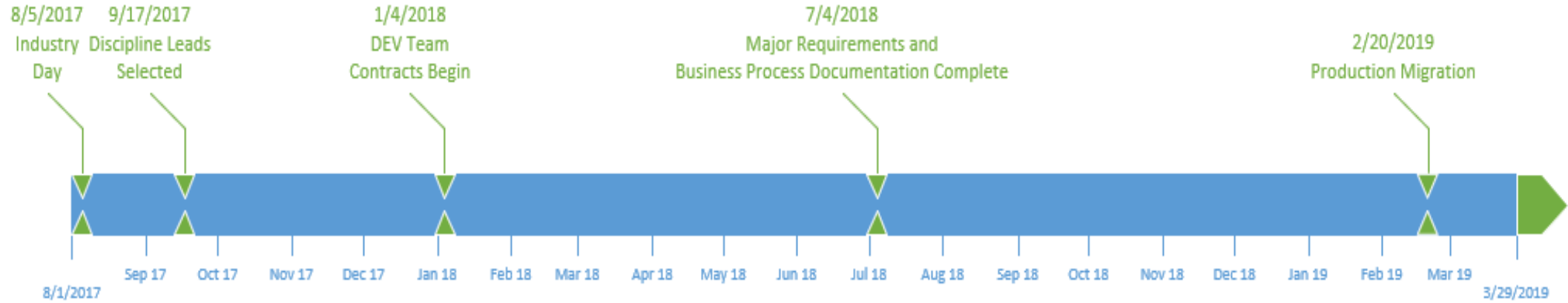
Order	Title	Control Type	Edit	Delete	Up	Down
1	Was Jurisdictional Area Delineation completed?	Yes No	Edit	Delete	Up	Down
2	Were T&E surveys completed?	Yes No	Edit	Delete	Up	Down
3	What effect will the project have on Threatened and Endangered Species or their critical habitat?	Dropdow n	Edit	Delete	Up	Down
4	Select species that are potentially impacted:	Multiple Select	Edit	Delete	Up	Down
5	Are there any species for which biological conclusions are unresolved?	Yes No	Edit	Delete	Up	Down
6	If so, which and why?	Text	Edit	Delete	Up	Down
7	Has the USFWS requested a Biological Assessment during Section 7 consultation?	Yes No	Edit	Delete	Up	Down



# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening



Project Initiation and Due Diligence

Requirements Gathering

Application Development and Data Creation

Testing and Deployments

Training





# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

## • Ongoing Work

- Connecting all systems
- Vetting of new data layers with field work
- Engaging agencies in process improvements
- Collecting feedback from users to improve ATLAS tools and data layers





# NCDOT Project ATLAS



Advancing **T**ransportation through **L**inkages, **A**utomation, and **S**creening

## QUESTIONS? [ATLAS@ncdot.gov](mailto:ATLAS@ncdot.gov)

- Ryan Arthur, NCDOT GIS Unit [rarthur@ncdot.gov](mailto:rarthur@ncdot.gov)
- Eric Wilson, KCI, [eric.Wilson@kci.com](mailto:eric.Wilson@kci.com)
- Wendee Smith, North State, [w.smith@nsenv.com](mailto:w.smith@nsenv.com)
- Morgan Weatherford, NCDOT EAU [mdweatherford@ncdot.gov](mailto:mdweatherford@ncdot.gov)
- LeiLani Paugh, NCDOT EAU [lpaugh@ncdot.gov](mailto:lpaugh@ncdot.gov)



# FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

DATE: December 5, 2018 TIME: 11:00am LOCATION: EIC

MEETING CALLED BY	Chairman Tony Lathrop
BOARD ATTENDEES	Chairman Tony Lathrop, Allen Moran, Mike Alford, and Pat Molamphy

## AGENDA TOPICS

1. Meeting Call to Order and Approval of November 7, 2018 FAST Meeting Minutes	
DISCUSSION SUMMARY	No Quorum.
ACTIONS TAKEN	Will be carried over to the February 2019 Committee Meeting for approval

2. Cash Balance Update – Evan Rodewald	
DISCUSSION SUMMARY	Cash Balance as of October 2018 is \$736M. Cash won't remain below the \$ Billion-dollar threshold. Construction expenditures were up 19% on year over year basis and Construction Lettings are up 351% over the same period. Cash dropped from \$2.1 billion at end FY2016-2017 to below \$1 billion dollars at end of first quarter this Fiscal year. We are now focused on Build NC Bond Program and using transportation bonding programs to allow us to continue accelerated projects. Build NC still plan to issue our first series of bonds in May. We have formally requested the Treasurer issue those bonds and notified General Assembly of that request.
ACTIONS TAKEN	None taken

3. Criteria for Evaluating Potential Revenue Sources – Burt Tasaico	
DISCUSSION SUMMARY	<p>Discussed context of future revenue sources. The FAST committee will have an important role. We will be the starting point of transportation finance ideas that are going to be put forth by Secretary Trogdon to a task force that he's setting up to talking future revenues.</p> <p>A deviation from past initiatives is the discussion about the underpinnings of why we are doing what we are doing or why we are considering doing what we might do and what are the implication of doing it.</p> <p>Burt Tasaico discussed the framework of how to think about these ideas and how to make good use of our time."</p>



# FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

ACTIONS TAKEN	None taken
---------------	------------

4. Meeting Adjourn – Chairman Tony Lathrop	
DISCUSSION SUMMARY	Meeting Adjourned at 12:00pm
ACTIONS TAKEN	None taken



# FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE AGENDA

BOARD OF TRANSPORTATION  
FEBRUARY 6, 2019

TIME: 10:00AM

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Meeting Minutes Update <ul style="list-style-type: none"> <li>· Approval of November 7, 2018 meeting minutes and December 5, 2018 meeting minutes</li> </ul>	Tony Lathrop, Chair	10:00AM
Cash Balance Update	Evan Rodewald	10:05AM
Remarks from Chairman	Tony Lathrop, Chair	10:10AM
Demographic Changes	Amna Cameron	10:15AM
Transportation Planning Challenges for Local Governments	Erin Wynia, North Carolina League of Municipalities Matt Day, Triangle Area Rural Planning Organization	10:20AM

	Chris Lukasina, Capital Area Metropolitan Planning Organization	
Adjourn	Tony Lathrop, Chair	Adjourn



## **NORTH CAROLINA** Department of Transportation



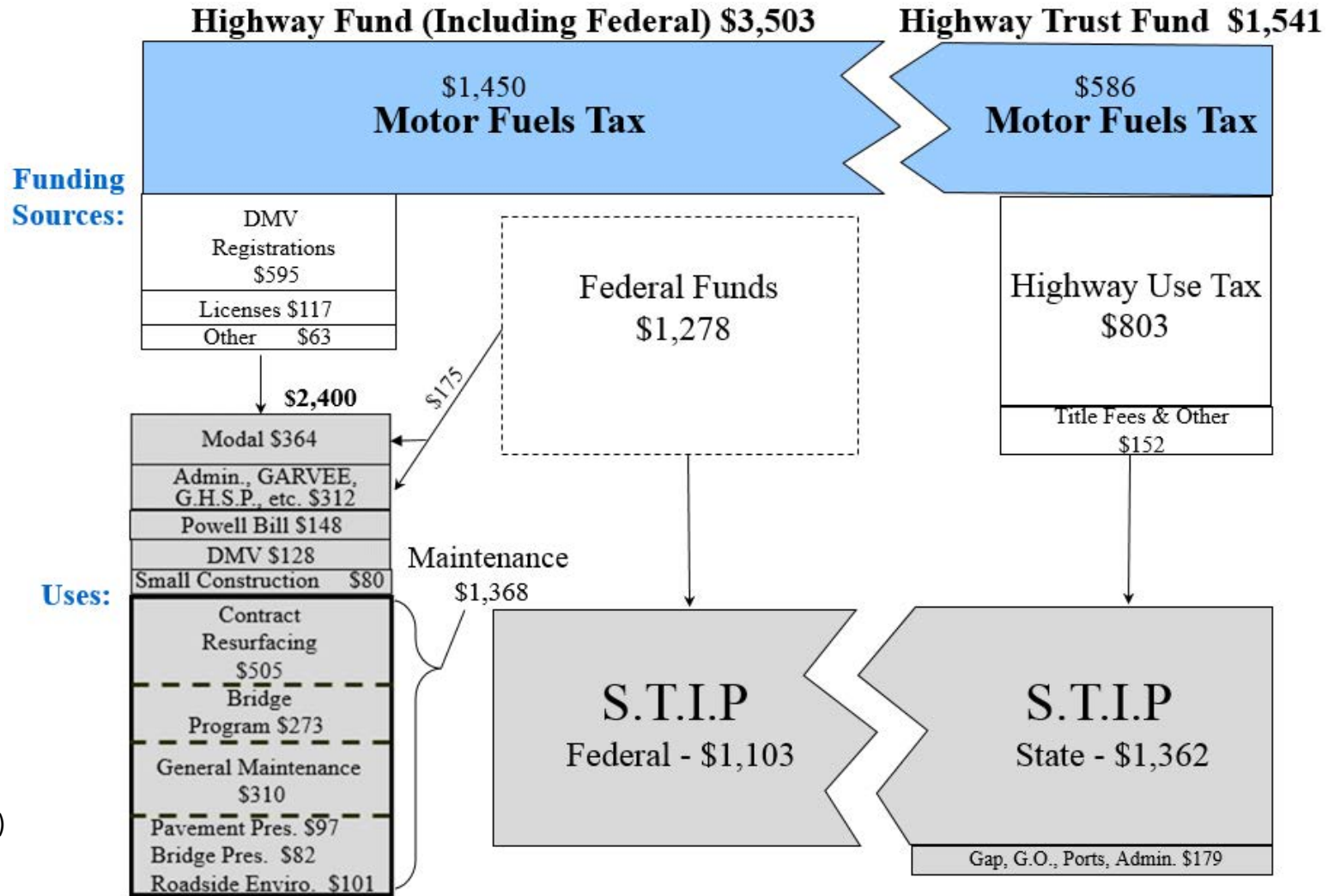
# Financial Update

As of December 2018

Evan Rodewald, Chief Financial Officer

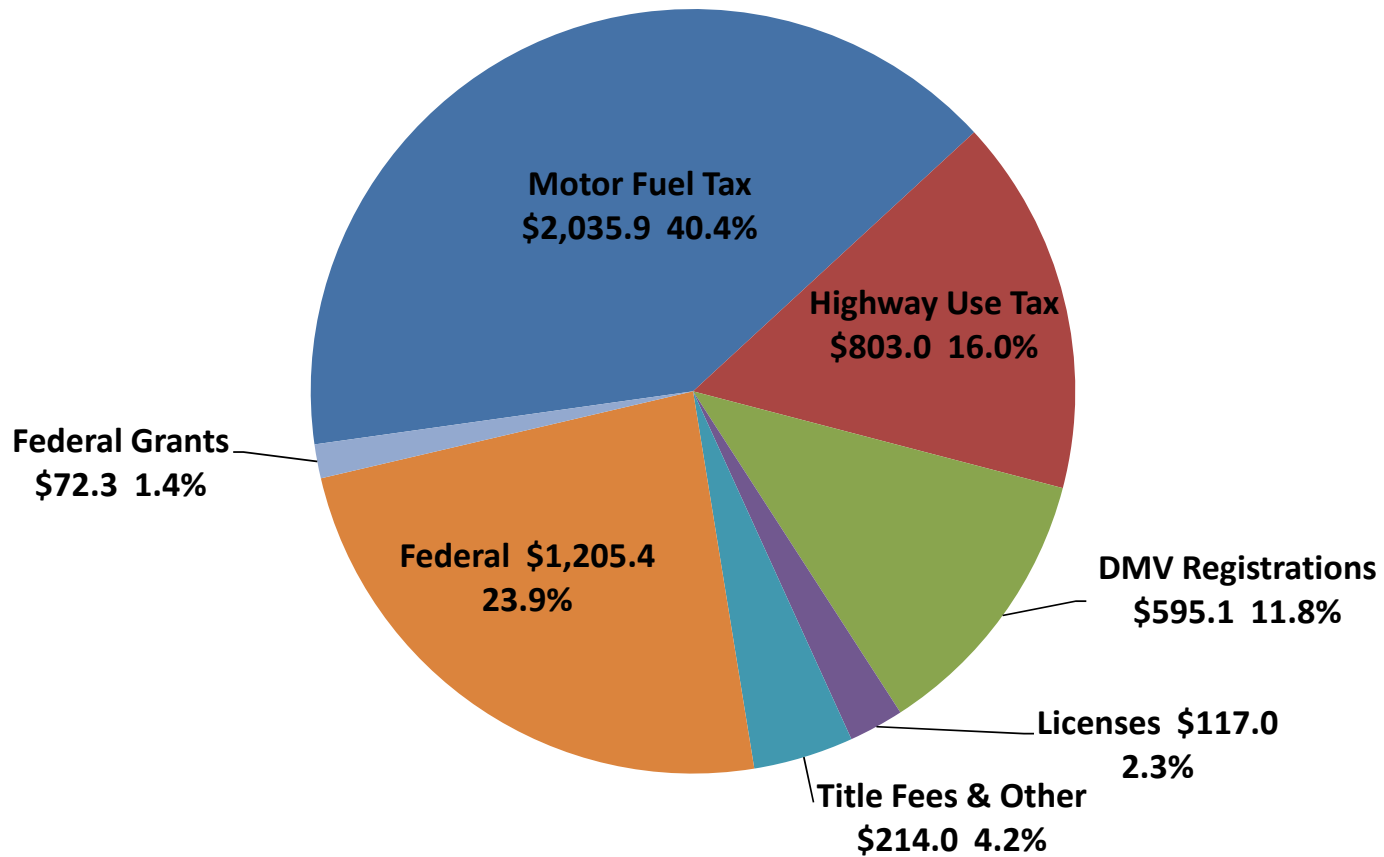
February 6, 2019

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



# NCDOT Revenue Sources SFY2019 - \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)



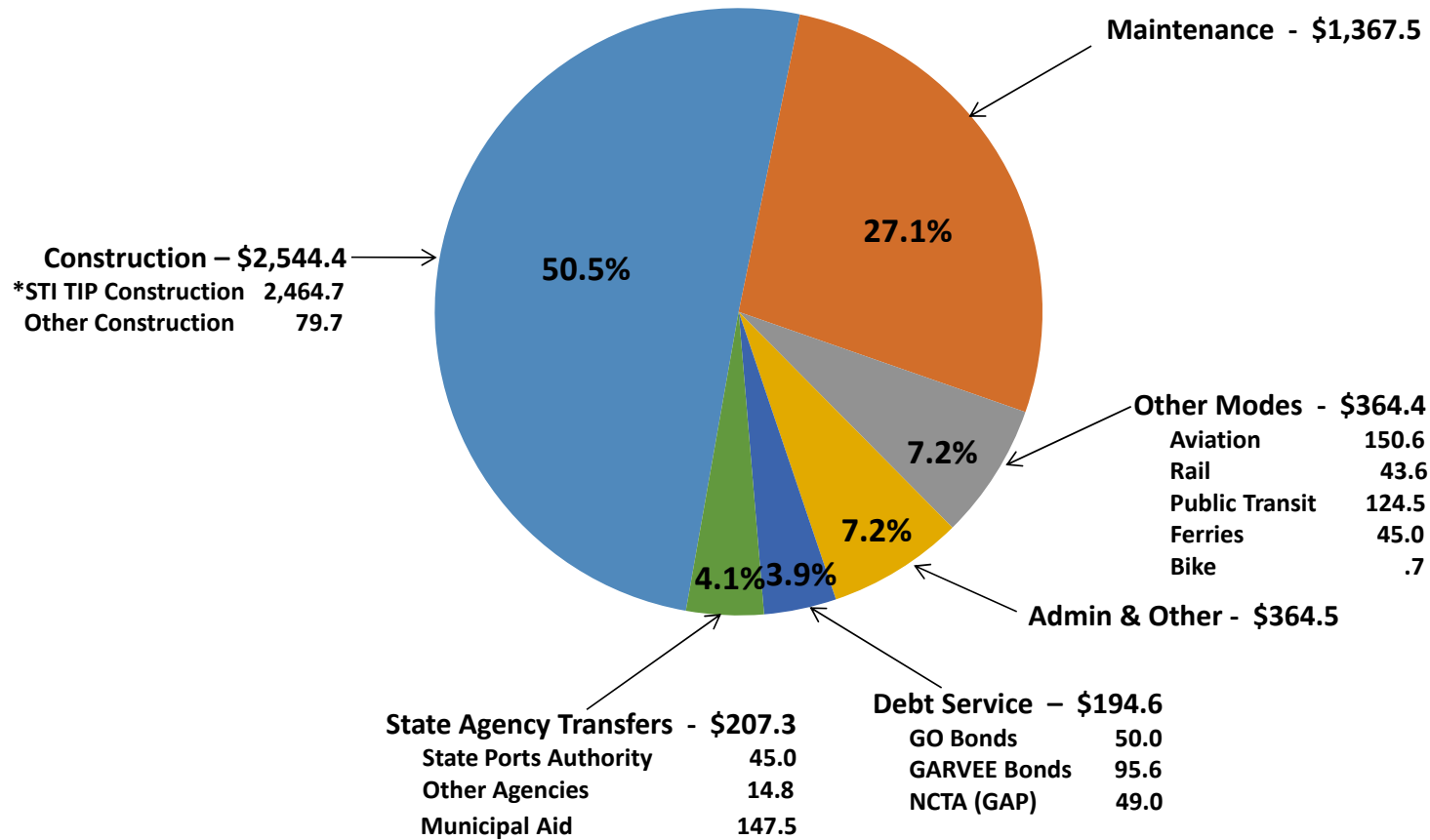
(\$ in millions)



# Uses of 2018-19 NCDOT Appropriations

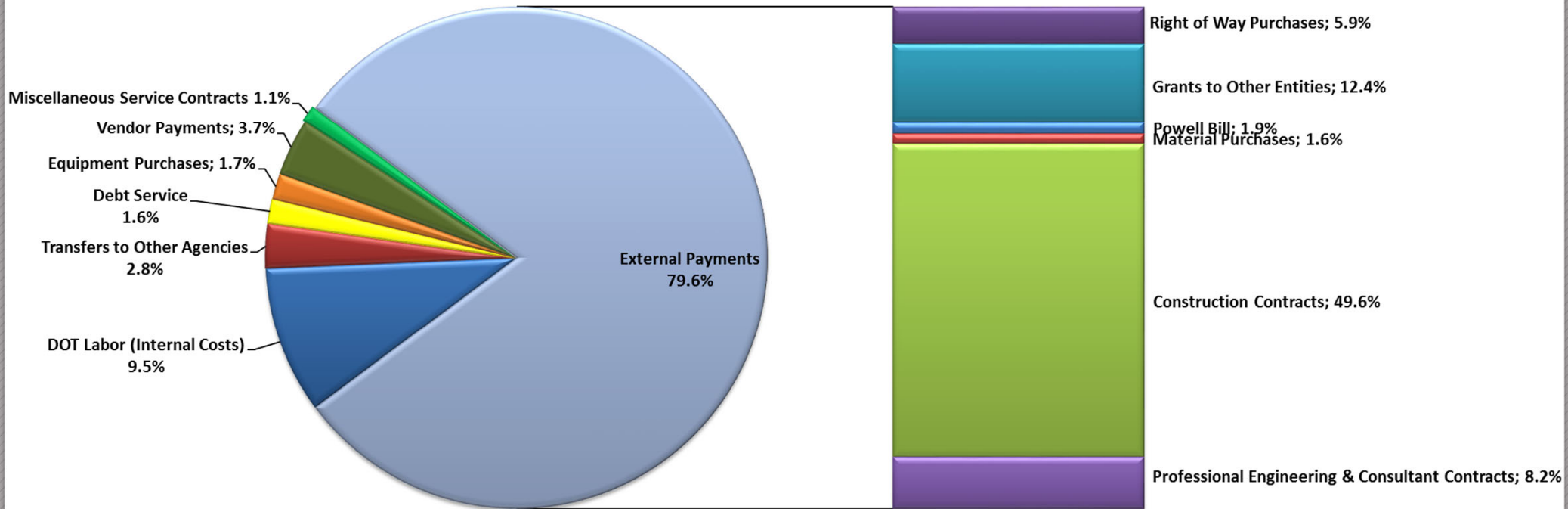
## Total Funding = \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)

# NCDOT Expenditures SFY2019 as of December 31, 2018



## Revenue Summary December 2018

(\$ in Millions)

	December 2018	December 2017	Year Over Year				2018-2019 SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
<b>State &amp; Federal Collections*:</b>								
State Highway Fund Revenues	\$ 177.4	\$ 153.9	\$ 1,111.9	\$ 1,072.7	\$ 39.2	4%	2,224.5	50%
State Highway Trust Fund Revenues	120.4	108.4	783.6	753.2	30.3	4%	1,540.5	51%
Total State Funds	297.8	262.4	1,895.4	1,825.9	69.5	4%	\$ 3,765.0	50%
Federal Funds/Participation	80.5	79.3	655.0	622.4	32.6	5%	1,277.7	51%
GARVEE Bond Proceeds	-	6.8	-	31.2	(31.2)		N/A	N/A
Total	\$ 378.3	\$ 348.5	\$ 2,550.4	\$ 2,479.6	\$ 70.9	3%	\$ 5,042.7	51%
<b>Highway Fund &amp; Trust Fund Details</b>								
	December 2018	December 2017	Year Over Year				SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
Motor Fuel Taxes	\$ 170.0	\$ 136.3	\$ 1,059.2	\$ 1,010.2	\$ 49.1	5%	\$ 2,035.9	52%
Highway Use Tax	61.7	58.5	402.3	384.1	18.2	5%	803.0	50%
DMV/Other Revenue	64.9	65.5	425.7	420.8	5.0	1%	913.1	47%
Investment Income	1.2	2.1	8.2	10.8	(2.7)		13.0	63%
<b>Total Revenue</b>	<b>\$ 297.8</b>	<b>\$ 262.4</b>	<b>\$ 1,895.4</b>	<b>\$ 1,825.9</b>	<b>\$ 69.5</b>	<b>4%</b>	<b>\$ 3,765.0</b>	<b>50%</b>

\*Excludes NCTA Revenues

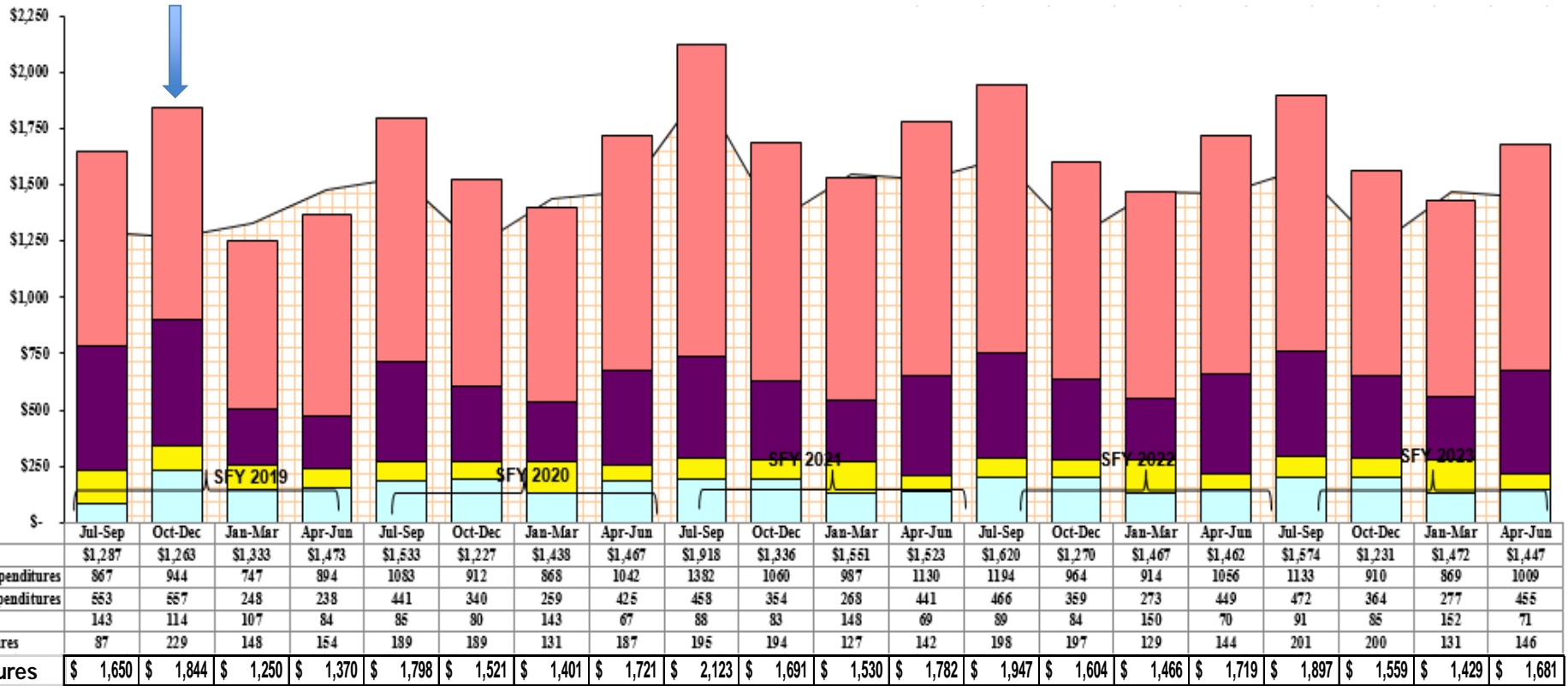
## Expenditure Summary December 2018

(\$ in millions)

			Year Over Year				SFY Annual Budget	
	December-18	December-17	2018-2019 Actual	2017-2018 Actual	\$ Δ	% Δ	2018-2019 Budget	%
<b>State &amp; Federal Funded Programs:</b>								
Construction	\$ 303.0	\$ 256.0	\$ 1,798.0	\$ 1,468.8	\$ 329.1	22%	\$ 2,544.4	71%
Maintenance	145.0	112.6	1,110.3	827.2	283.2	34%	1,367.5	81%
Other Modes	31.0	13.8	256.4	145.4	111.0	76%	364.4	70%
Administration/Other Programs	23.0	25.3	69.8	78.3	(8.5)	NA	364.5	19%
Debt Service (Including NCTA GAP funds)	0.4	0.4	39.7	37.0	2.7	0%	194.6	20%
Municipal Aid	73.7	73.9	147.3	147.7	(0.3)	0%	147.5	100%
Transfers to Other Agencies	(3.5)	0.3	72.1	28.4	43.8	0%	59.8	121%
<b>Total Expenditures*</b>	<b>\$ 572.6</b>	<b>\$ 482.3</b>	<b>\$ 3,493.7</b>	<b>\$ 2,732.7</b>	<b>\$ 761.0</b>	<b>28%</b>	<b>5,042.7</b>	<b>69%</b>

\*Excludes NCTA Expenditures

# 60 Month Revenue & Expenditure Projections as of December 2018



## Financial Update

### SFYTD 2019 as compared SFYTD 2018

(\$ in millions)

	<u>December '18</u>	<u>December '17</u>	<u>YTD 2019</u>	<u>YTD 2018</u>	<u>\$ Change</u>
<u>Highway Fund &amp; Highway Trust Fund</u>					
Collections	\$ 378	\$ 349	\$ 2,550	\$ 2,480	\$ 70
Expenditures	<u>573</u>	<u>482</u>	<u>3,494</u>	<u>2,733</u>	<u>761</u>
Net Change	\$ (195)	\$ (133)	\$ (944)	\$ (253)	\$ (691)
<u>December '18    December '17</u>					
Cash Balances:					
Highway Trust Fund	\$ 309	\$ 1,704			
Highway Fund*	<u>34</u>	<u>114</u>			
Totals	<u>\$ 343</u>	<u>\$ 1,818</u>			

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



## NORTH CAROLINA

Department of Transportation



# *Highway Maintenance Improvement Program (HMIP)*

Patrick A. Norman, PE

NC Board of Transportation – February 6, 2019



# *Summary of Legislative Mandate*

During 2014 Legislative session, the North Carolina General Assembly established the Highway Maintenance Improvement Program (HMIP) per session Law 2014-100, Section 34.11 (a,b).

- Highway Maintenance Improvement Program (HMIP)
  - 5-year schedule and identified funding sources for highway rehabilitation, resurfacing and preservation activities.
  - The program is based on the previous FY contract resurfacing and pavement preservation funding allocations
  - Includes any modifications made from prior year's plan
  - Required to be posted on the Department's website by April 1<sup>st</sup> each year




## *The HMIP includes:*

- Planned fiscal year for work to be completed
- Specific roadways/roadway sections in each county
- Type of treatment applied and estimated cost

## Example:

Plan Year	County	Route	Begin Description	End Description	Length	Budget Group	Treatment	Estimated Cost
FY 2019	Wake	BUS 64 WB	River Bridge	I-440	2.646	Resurfacing	Mill 1.5" and 1.5" S9.5C	\$ 1,500,000
FY 2020	Buncombe	SR 1374	SR 1369	NC 63	1.35	Resurfacing	1.5" S9.5A	\$ 216,000
FY 2021	Hyde	SR 1305	SR 1364	NC 94	6.16	Preservation	Seal - Double	\$ 235,000
FY 2022	New Hanover	US 421	Carolina Sands Drive	Bridge 30 (ICW)	2.24	Rehabilitation	Mill 3.0" and 3.0" S9.5C	\$ 1,029,000
FY 2023	Surry	SR 2049	SR 1857	EOM	1.23	Preservation	.75" S4.75A	\$65,000

# Timeline

Date	Action	Status
1 <sup>st</sup> week of February 2019	<p>Members of the Board will receive a brief overview of the Highway Maintenance Program (HMIP).</p> <p>Members of the Board and division engineers will receive HMIP files specific to their division.</p>	
February 5 – March 1, 2019	<p>Members of the Board are asked to set up a meeting with their respective division engineer to review the HMIP collectively.</p>	
March 7, 2019	<p>Members will be asked to vote on the Highway Maintenance Improvement Program</p>	
By April 1, 2019	<p>The final, approved Highway Maintenance Improvement Program will be on the NCDOT website as legislatively directed.</p>	

*Questions?*



# HIGHWAYS COMMITTEE MEETING MINUTES

DRAFT

DATE: 12/5/2018 TIME: 2:10 PM – 2:50 PM LOCATION: Room 150

MEETING CALLED BY	Vice-Chairman Pope
BOARD ATTENDEES	Vice-Chairman John Pope, Grady Hunt, Patrick Molamphy, Hugh Overholt, Michael Alford, Board Chairman Fox

## AGENDA TOPICS

1. APPROVAL OF NOVEMBER 2018 MINUTES	
DISCUSSION SUMMARY	Motion to approve the November minutes made by Member Alford, seconded by Member Molamphy.
ACTIONS TAKEN	Motion to approve the November minutes as written passed unanimously.
2. FAIR SHARE IN DEVELOPMENT AND TRANSPORTATION AND IMPROVEMENT PROJECTS, J. KEVIN LACY, P.E., NCDOT STATE TRAFFIC ENGINEER, TRANSPORTATION MOBILITY AND SAFETY DIVISION	
DISCUSSION SUMMARY	<p>Mr. Kevin Lacy provided a presentation on Fair Share in Development and Transportation Improvements.</p> <ul style="list-style-type: none"> <li>- <b>Mr. Lacy discussed the Department's current process. In locations where</b> there is limited infrastructure, the first developer often bears a larger portion of the infrastructure costs. Where multiple developments impact the same roadway, the issue becomes which development created the breakdown. When a new development is analyzed, developers are required to consider the traffic generated by every approved development that preceded them, even if previously approved developments have not started construction. The current process also includes local land development ordinances, which may differ between municipalities and counties and <b>exceed NCDOT's requirements</b>. Other factors with the current process include: some developers can wait while others cannot, depending on location, decisions may be more complicated and take more time, and the proximity of the development to TIP Projects.</li> </ul> <p>The pros of the current process include:</p> <ul style="list-style-type: none"> <li>• Many understand the current process,</li> <li>• The current process does not require the public to fund the needs of private development,</li> </ul>



# HIGHWAYS COMMITTEE MEETING MINUTES

- Other alternatives often viewed as equally unfair or difficult to implement, and
- Flexibility allowed at the District level (Pro and Con)

The Cons of the current process include:

- Few like the current process and many perceive it as unfair,
- Sometimes majority of the cost carried by single developer,
- No requirement and little incentive for developers to work together,
- Difficult to truly be fair across the board,
- Often seen as a one shot opportunity, and
- Flexibility allowed at the District level (Pro and Con)

- **NCDOT's Fair Share Report:** In 2006, NCDOT conducted a study about how to achieve equity of contributions among private developers and how to assure the public continues to pay its fair share toward transportation improvement needs. The study considered a variety of possibilities including certain public private partnerships, alternative financing strategies and regulatory methods. The following six options were examined.

- Transportation Corporations (usually for project specific): formed by individuals and local governments; not for profit; may issue bonds/notes and borrow money; may purchase land and receive land contributions; governed by a Board of Directors under a state transportation oversight; focus is planning, developing, and completing or expediting major transportation projects.
- Transportation Improvement Districts: special taxing and funding district for improving transportation infrastructure and services in a specific area; provide a forum for achieving cooperation among local and state government agencies for a common purpose; authority to impose taxes or special assessments, issue bonds and enter into contracts; may be project specific or regional with many projects; **assessments can vary based on "added" value to specific parcels.**
- Tax Increment Financing: Based on anticipated growth in property tax revenues resulting from redevelopment, generally used to encourage developers to improve economically depressed or undeveloped areas, bonds may be reimbursed as revenues become available. North Carolina has a limited form of this in the Project Development Financing Act (Article 6 of General Statute Chapter §159).
- Fair Share Mitigation: Traffic impact assessment process; goal is to maintain a certain level of service and safety; ensures new development contributes its fair share for improvements necessitated



# HIGHWAYS COMMITTEE MEETING MINUTES

	<p>by the additional traffic generated by the developments; may include land for right-of-way, money (fees), construction of an improvement, and/or other infrastructure improvements needed to address existing deficiencies; <b>requires a “Banker” to manage and track monies</b>; and necessary improvements; requires a detailed set of rules to govern process.</p> <ul style="list-style-type: none"> <li>• <u>Transportation Impact Fees</u>: Imposed by governments on new development to recoup and/or offset a proportionate share of public capital costs required to accommodate the development, may be assessed for a variety of capital improvement needs related to the development, can be structured as a simple fee, and can be associated with a local transportation plan.</li> <li>• <u>Transportation Concurrency</u>: Policy intended to ensure necessary public facilities and services are available concurrent with development impacts; government agencies define adequate level of service and decide if it is exceeded; if it is exceeded, developers must provide necessary improvements, provide money toward such improvements or wait until government provides the improvements.</li> </ul> <ul style="list-style-type: none"> <li>- Mr. Lacy also discussed options that Florida DOT has implemented to address the fair share issue.</li> <li>- The concept of fair share exists with other infrastructure items (water and sewer). Developers often extend infrastructure to new areas with larger capacity than required. They are then reimbursed with tapping fees of other developers. A similar process may be extended to transportation.</li> <li>- Mr. Lacy recommended that a Board ad-hoc committee be formed to explore and refine. Developers and local governments need to provide input/their perspective. The proposed committee would further refine what is the best course of action for North Carolina.</li> </ul> <p>The discussion of the group following the presentation included Chairman Fox recommending the EDIR Committee hearing the presentation, then the two committees should work together, determining the members of the ad-hoc committee and the next steps.</p>
ACTIONS TAKEN	N/A



# HIGHWAYS COMMITTEE AGENDA

## BOARD OF TRANSPORTATION FEBRUARY 6, 2019

TIME: 2:10 PM – 3:30 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of December 5, 2018 Meeting Minutes	Cullie Tarleton, Chairman	2:10 pm
<i>Sounds of Highway</i> – Noise Modeling Technology	Ahmed El-Aassar, PhD, PE, INCE, ASA; President, Environmental Acoustics; Gannett-Fleming	2:15 pm
Governor's Highway Safety Program	Mark Ezzell, GHSP Director, Governor's Highway Safety Program	2:45 pm
Roadside Management Update	David Harris, PE, State Roadside Environmental Engineer, NCDOT Roadside Environmental Unit	3:00 pm
Other Discussion	Cullie Tarleton, Chairman	3:20 pm
Adjourn	All	3:30 pm





**NORTH CAROLINA**  
Department of Transportation



# Roadside Management Update

David B Harris, PE

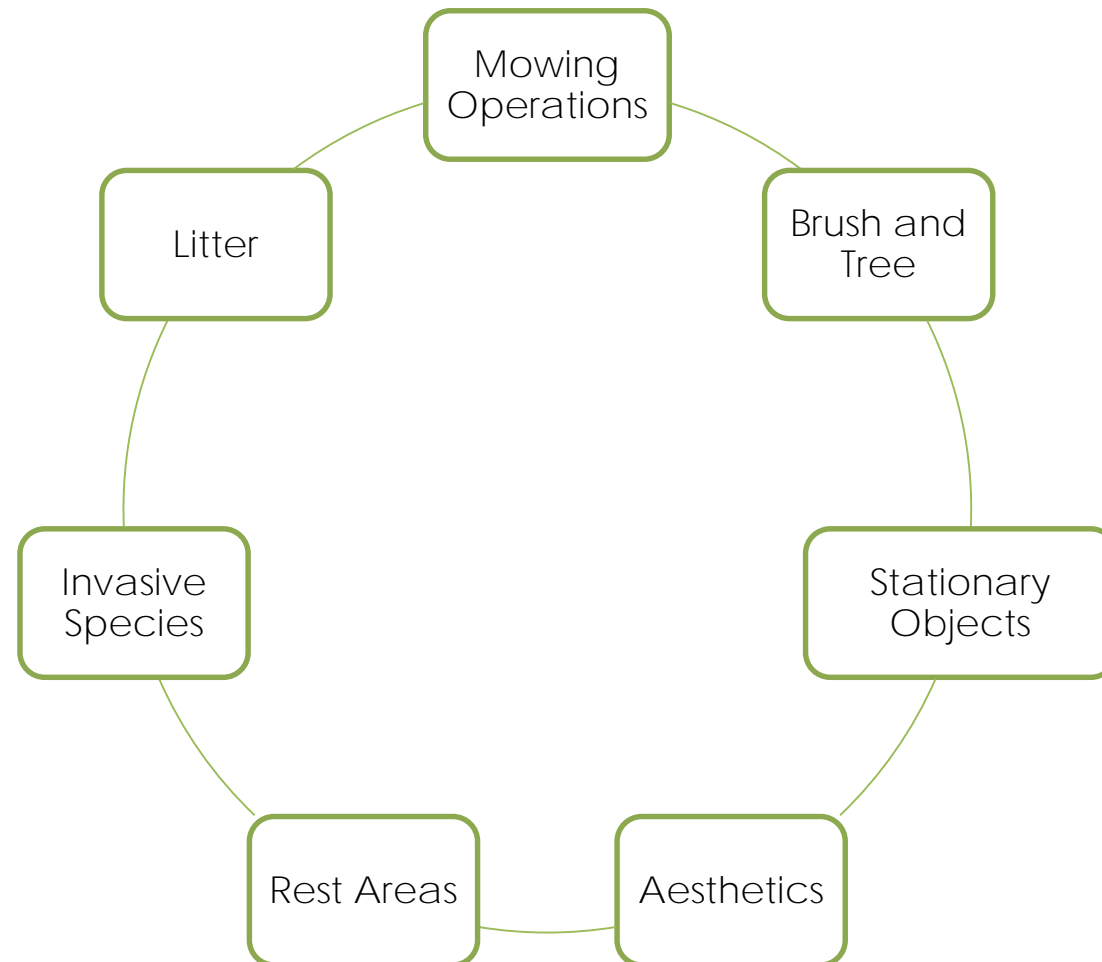
*State Roadside Environmental Engineer*

February 6, 2019

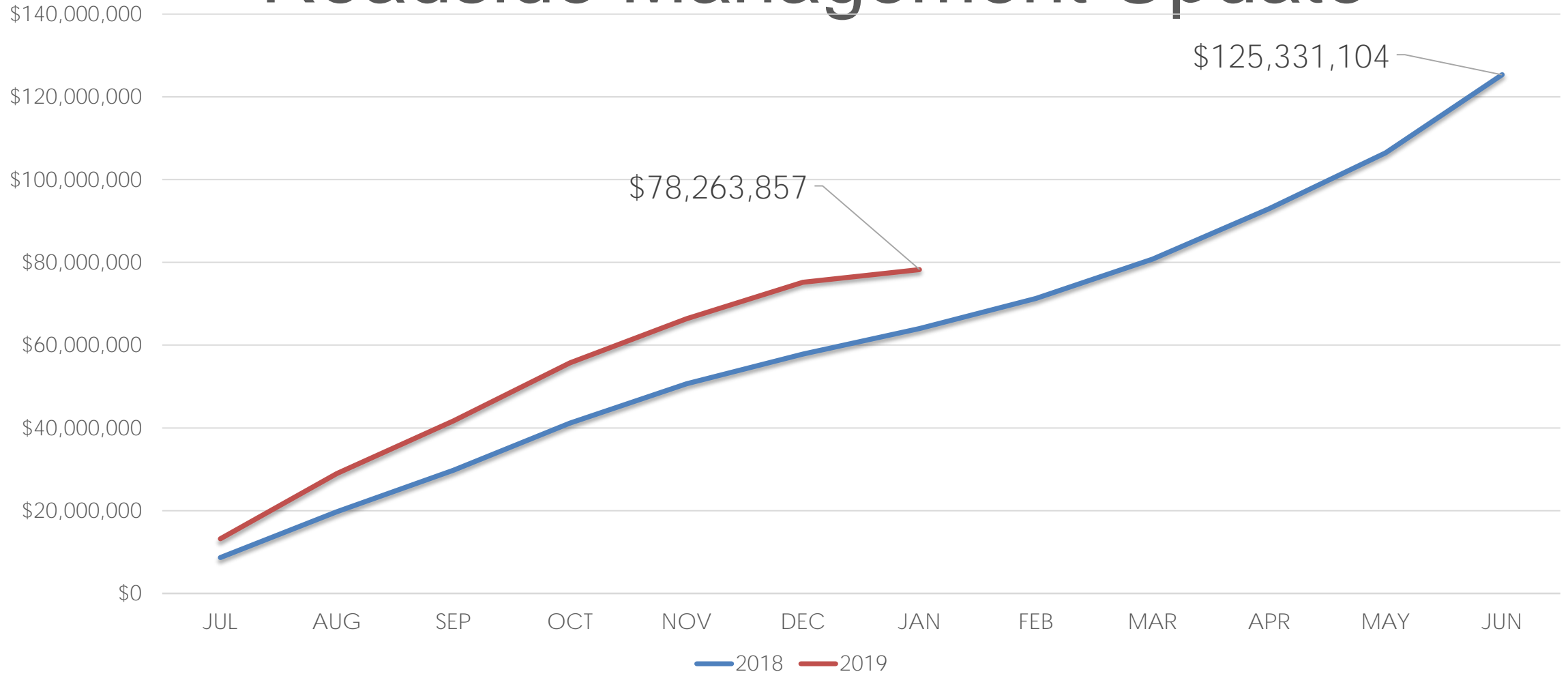




# Roadside Management



# Roadside Management Update





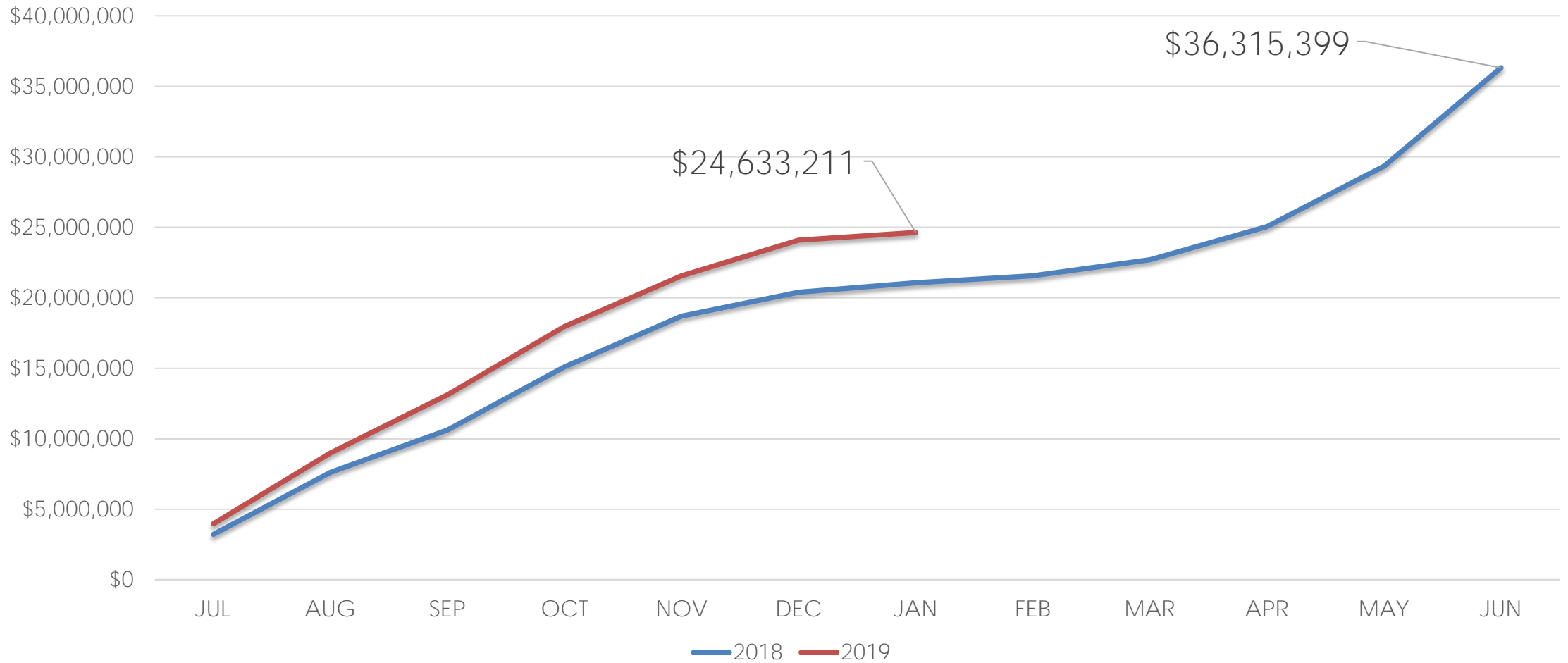
Mowing  
Operations

# Mowing Operations

- Cycles
- Site Distance
- Contractor Issues
- Inspector Training
- Weather



# Mowing Operations





Litter  
Operations

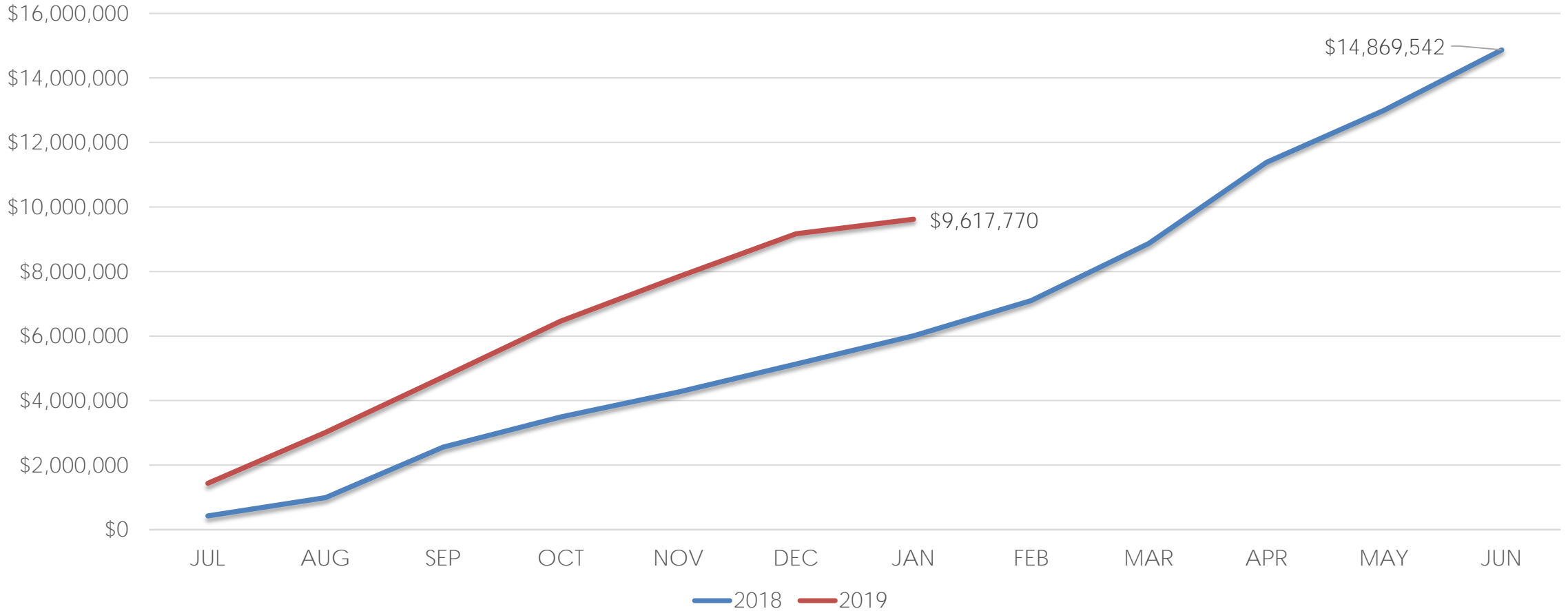
# Litter Management

- Cycles
- Contractor Issues
- AAH & SAH
- Community Service
- Partnerships - KAB



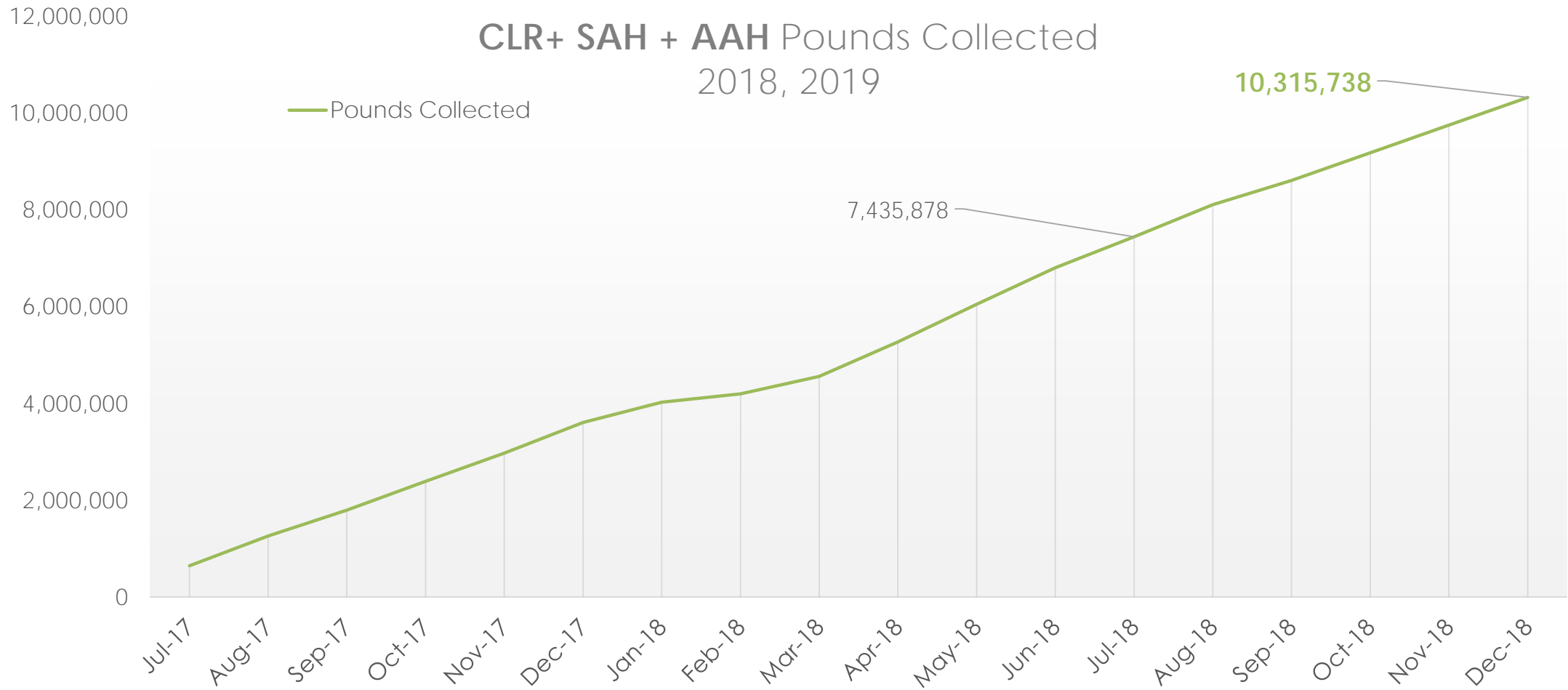
Litter Operations

# Litter Management



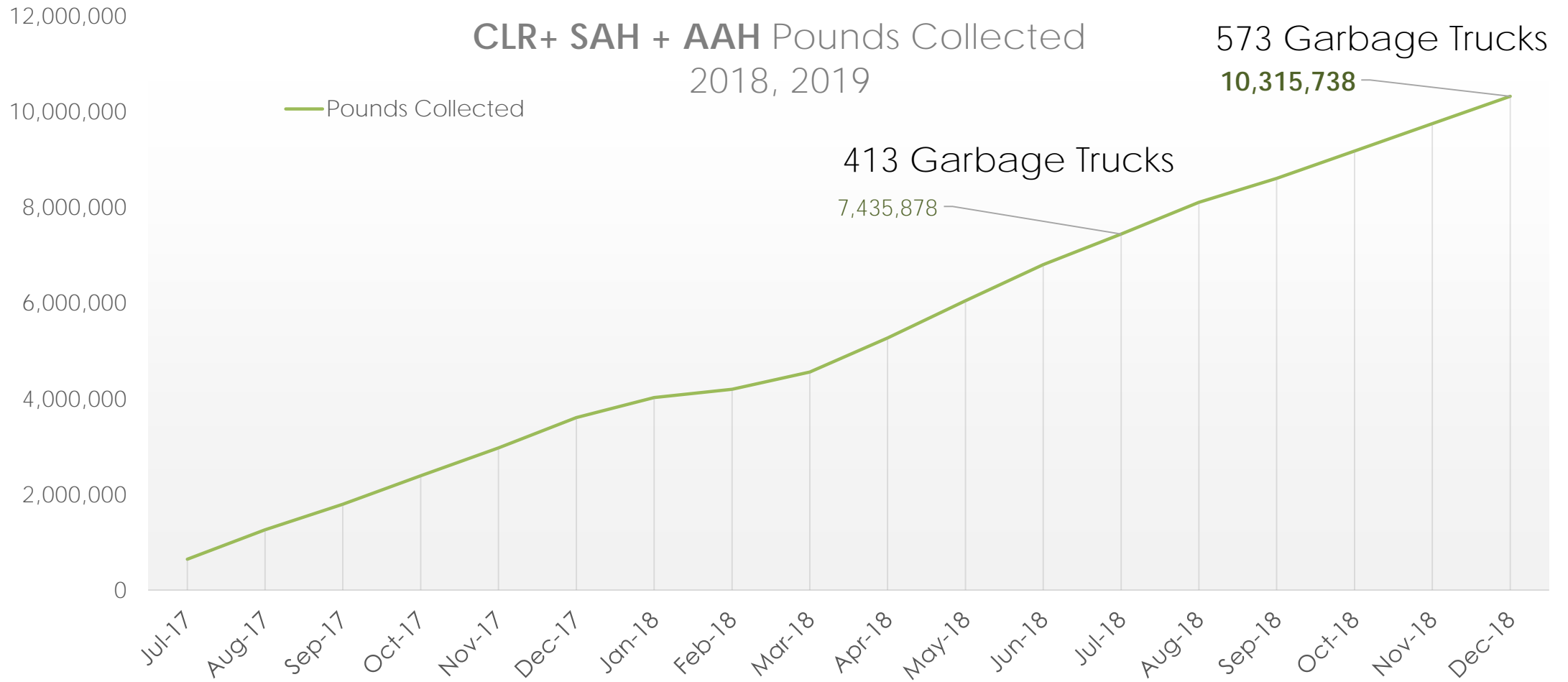
# Litter Management

CLR+ SAH + AAH Pounds Collected  
2018, 2019





# Litter Management





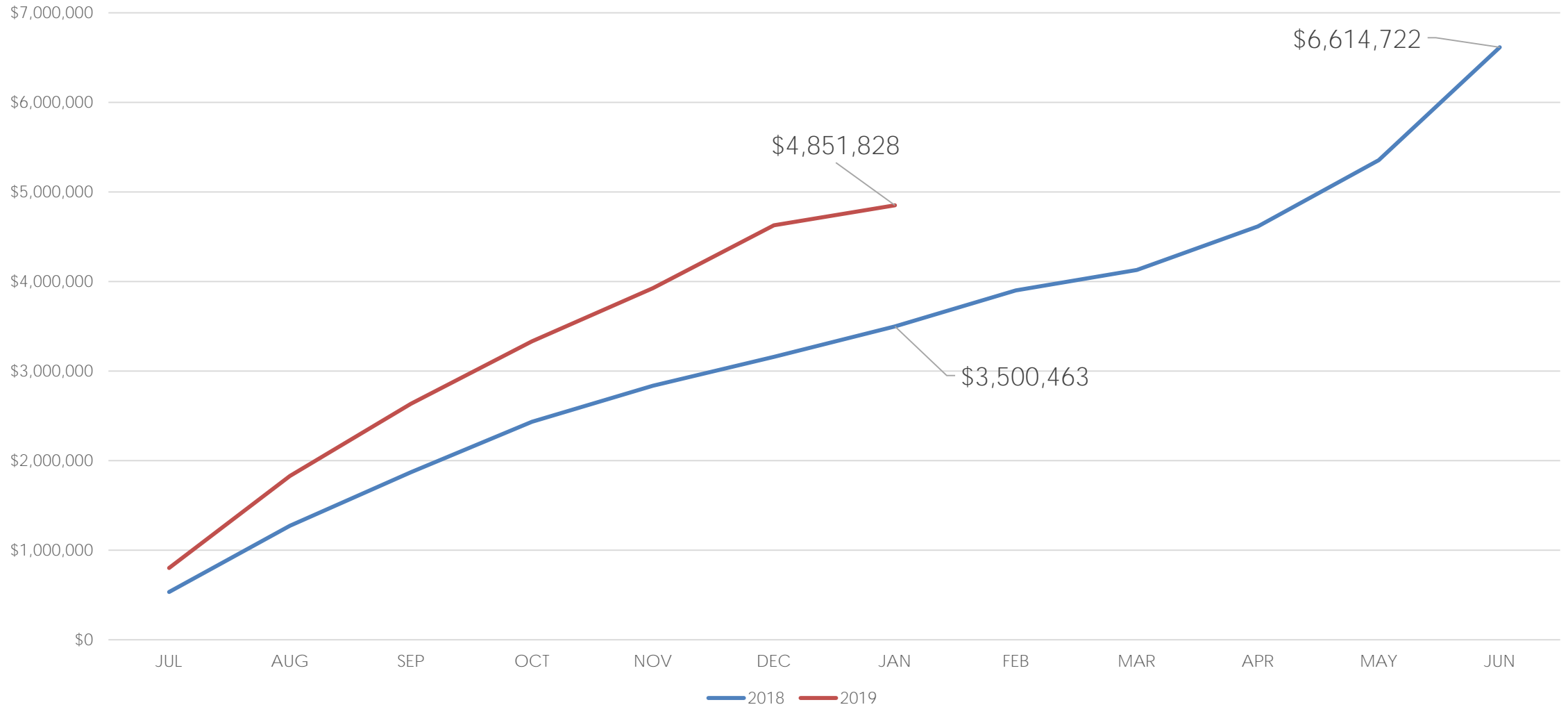
Stationary  
Objects

# Stationary Objects

- Cycles
- String Trimming
- Inspector Training
- Industry Awareness
- New Equipment
- Bridges
- Shoulder Rail



# Stationary Objects





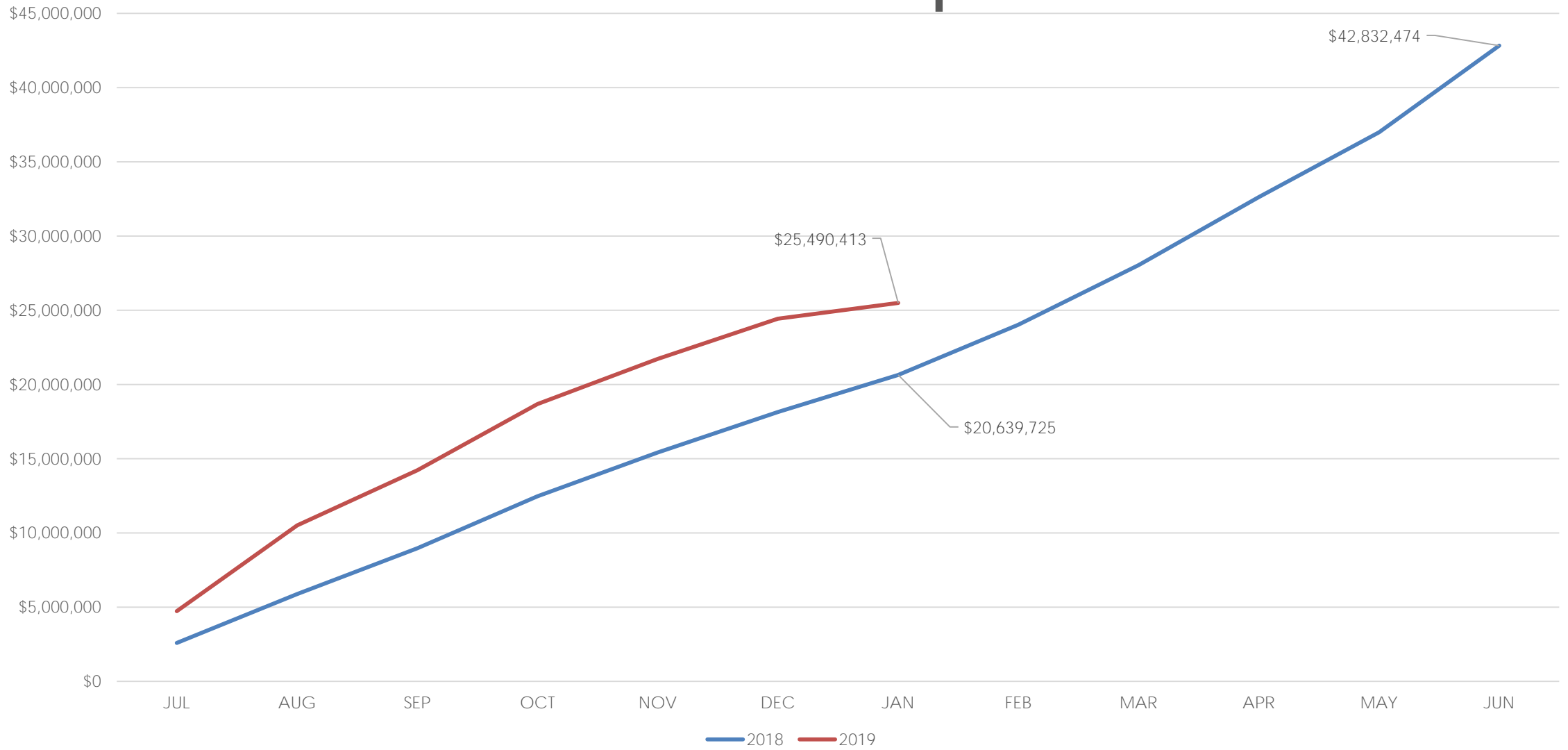
Brush and  
Tree

# Brush and Tree Operations

- Contractor Issues
- Lower Storm related tree issues.
- Issues



# Brush and Tree Operations



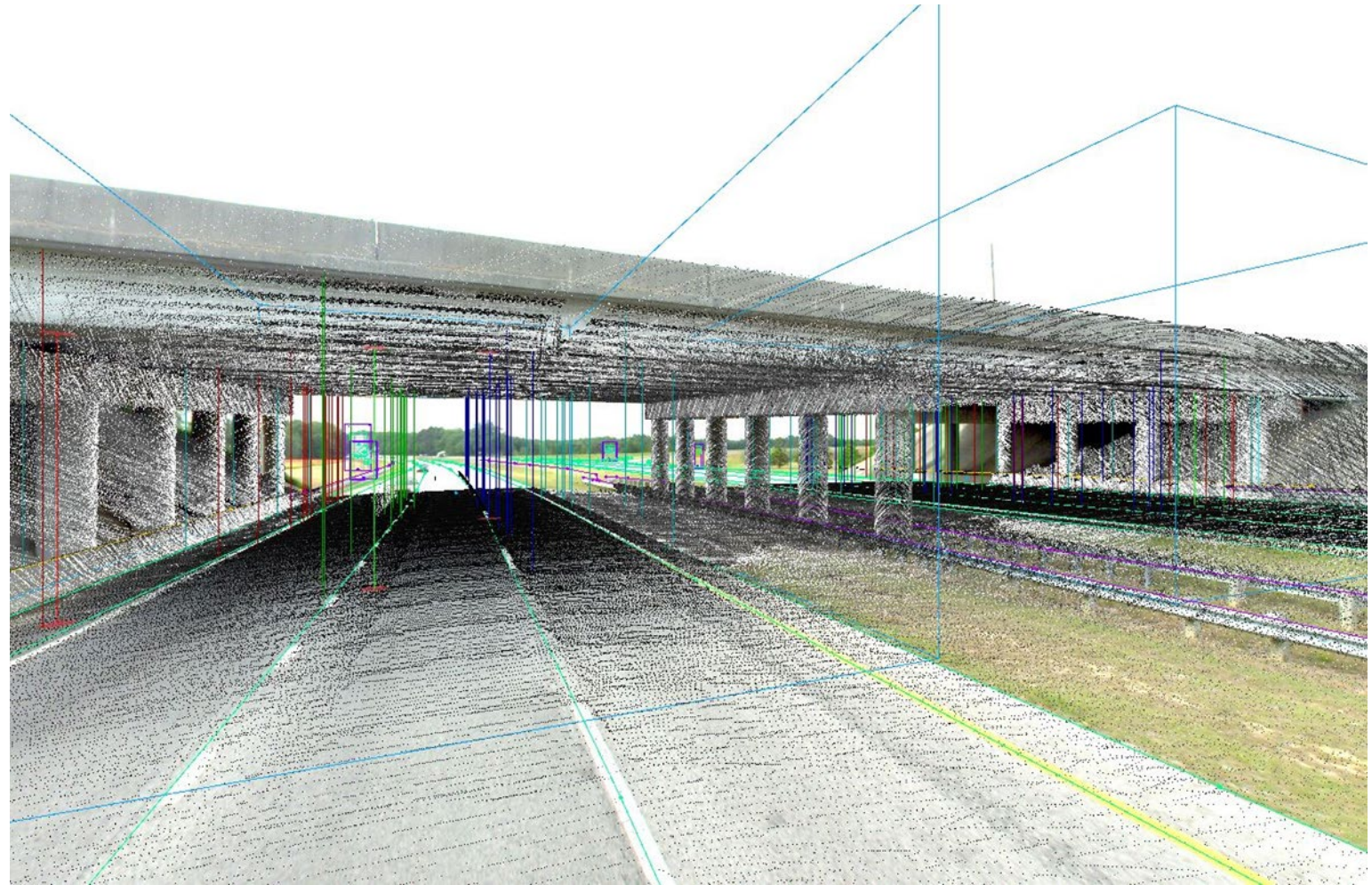


Brush and Tree

# Brush and Tree Operations



Lidar





Brush and  
Tree

# Brush and Tree Operations



Lidar



Progress of Clearing Contractor

### Legend

- 0 - 25 Ft From EOP - Vegetation
- 25 - 50 Ft From EOP - Vegetation



# Brush and Tree Herbicide Operations





Invasive

# Invasive





Aesthetics

# Aesthetics





Rest Areas

# Rest Areas





Rest Areas

# Rest Areas & STIP



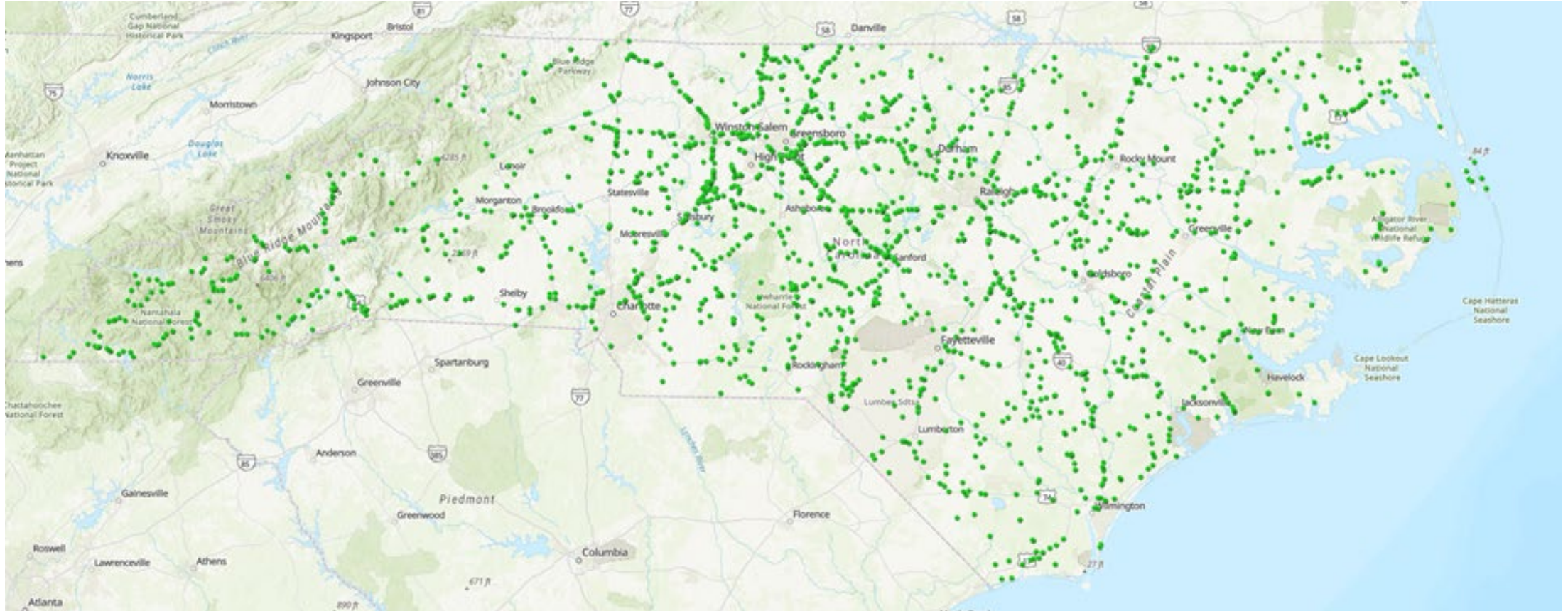


# Roadside Management





# Roadside Management Monitoring







# Roadside Management Update

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	<b>Memorial Day</b>	<b>July 4th</b>	<b>Labor Day</b>	<b>Thanksgiving</b>
<b>Mowing Operations</b>	81.30%	88.20%	88.80%	98.50%
<b>Litter Management</b>	95.50%	94.00%	94.70%	95.10%
<b>Guardrails/Signs/Bridges</b>	79.10%	82.70%	84.90%	96.17%
<b>Statewide Average</b>	85.30%	88.30%	89.50%	96.59%

---



# Questions





# MULTI-MODAL TRANSPORTATION COMMITTEE MINUTES

DATE: 12-5-2018      TIME: 2:14 PM      LOCATION: EIC Room

MEETING CALLED BY	Chairman Andy Perkins
BOARD ATTENDEES	Vice-Chair Billy Clarke, Allen Moran, Tony Lathrop, Sam Bowles

## AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF NOVEMBER 7, 2018 MINUTES – Vice-Chairman Clarke	
DISCUSSION SUMMARY	Chairman Perkins called the Committee to order and asked for a motion to approve the minutes as distributed.
ACTIONS TAKEN	A motion to approve November 7, 2018, minutes as distributed was made by Vice-Chair Billy Clarke and seconded by Mr. Tony Lathrop. The Committee approved the meeting minutes unanimously.

2. FUNDING ITEMS (Aviation, PTD - December STIP Amendment)	
DISCUSSION SUMMARY	Information was presented by Aviation and Public Transportation Director for the <b>Committee's approval.</b>
ACTIONS TAKEN	<ul style="list-style-type: none"> <li>• Motion to approve Aviation funding item was made by Vice-Chair Billy Clarke and seconded by Mr. Allen Moran.</li> <li>• Motion to approve PTD - December STIP Amendment was made by Mr. Allen Moran and seconded by Mr. Tony Lathrop.</li> </ul> <p>The Committee approved the funding items unanimously.</p>

3. MULTI-MODAL TRANSPORTATION UPDATE – JULIE WHITE, DEPUTY SECRETARY	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> <li>• <b>Mobi Awards – The “Mobi” awards have launched and are open to accept applications for projects. This new award supports NCDOT’s continuing efforts to bring multimodal transportation solutions to all parts of our State. Multimodal investments in bicycle and pedestrian paths, sidewalks, rail, transit, ferry and aviation are important parts of healthy vibrant communities of all sizes in rural, urban, tourism and suburban areas. Applications will be accepted through January 2019.</b></li> </ul>



# MULTI-MODAL TRANSPORTATION COMMITTEE MINUTES

	<ul style="list-style-type: none"> <li>• Ferry Division Accomplishments and Initiatives – Ferry Supervisors Training is being offered to our Ferry Division. There will be a total of 4 trainings for our 100 supervisors. Deputy Secretary White participated in one earlier this week and plans to participate in the others. Secretary Trogdon will join the team by Skype on Friday, December 7<sup>th</sup>.</li> <li>• Public Transportation Division – Strategic Plan is almost ready for release. The first phase of their Lean Six Sigma effort to streamline the grant making process has completed.</li> <li>• Rail Division Update – Rail Division has filled the two rail manager positions with internal promotions.</li> <li>• Bike &amp; Ped Accomplishments and Initiatives – Vacancy rate decreased to 28%. As soon as the hiring freeze is lifted, Bike &amp; Ped will post and fill the remaining vacancies.</li> <li>• Aviation Division Update – Aviation has just completed a Lean Six Sigma project to streamline the grant making process.</li> </ul>
ACTIONS TAKEN	None taken

4. ADVANCING MULTI-MODALISM – ERIN WYNIA, NC LEAGUE OF MUNICIPALITIES	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> <li>• NC League of Municipalities are an advocacy association on behalf of cities and their advocacy agenda includes multimodal transportation and infrastructure. They indicated they strongly support NCDOT and asked we prioritize complete streets, incorporate multimodal infrastructure, and provide assistance to planning organizations.</li> </ul>
ACTIONS TAKEN	None taken

5. IMPORTANCE OF MULTI-MODAL TRANSPORTATION – COMMISSIONER ELLEN RECKHOW, NC ASSOCIATION OF COUNTY COMMISSIONERS	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> <li>• The NC County Commissioners Association asked that NCDOT provide a strategic transportation plan connecting communities across North Carolina, be focused on creating a more responsive, diverse and inclusive transportation system to keep people and freight moving safely and efficiently. The need for non-vehicle travel is growing particularly in lower income households, youths, seniors who do not wish to drive and residents with disabilities. Active transportation boosts economic growth. Active transportation infrastructure can increase property values. Bicycle facilities boost the tourism economy.</li> </ul>
ACTIONS TAKEN	None taken

ADJOURNED: 2:52 PM



# MULTI-MODAL TRANSPORTATION COMMITTEE AGENDA

## BOARD OF TRANSPORTATION FEBRUARY 6, 2019

TIME: 2:10 PM

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of December 5, 2018 Meeting Minutes	Chairman Perkins	2:10 PM
Funding Items (Bike & Ped, Public Transportation)	Multi-Modal Directors	2:15 PM
Multi-Modal Transportation Update	Julie White Deputy Secretary	2:20 PM
Aviation Division Update	Bobby Walston Aviation Director	2:40 PM
Complete Streets Update - Phase II	Aldea Coleman Policy Advisor	3:00 PM
Merger of Bicycle and Pedestrian Division and Public Transportation Division	Hanna Cockburn Director of Bike & Pedestrian and Public Transportation	3:10 PM
Adjourn	Chairman Perkins	3:30 PM





# **NORTH CAROLINA**

Department of Transportation



## **NCDOT Division of Aviation Update**

### NC Board of Transportation Multi-modal Committee Meeting

**Bobby Walston, P.E. Director**

February 6, 2019

# Division of Aviation

**31 - Full Time Employees**  
**9 - Contractors**  
**2 - Temp Employees**

**Director  
of  
Aviation**

Promote Aviation  
and Aerospace  
Development

**Finance and  
Grants  
Management**

Administer Division  
finances and the  
State and Federal  
Airport Grant  
Programs

**Airport  
Development**

Manage the State  
and Federal Airport  
Grant Programs  
through planning  
and project  
management

**Aviation  
Safety/Education  
& UAS**

Conduct Aviation  
Safety and Education  
Programs and  
Operate the  
Unmanned Aircraft  
Systems (UAS)  
Program

**Flight  
Operations**

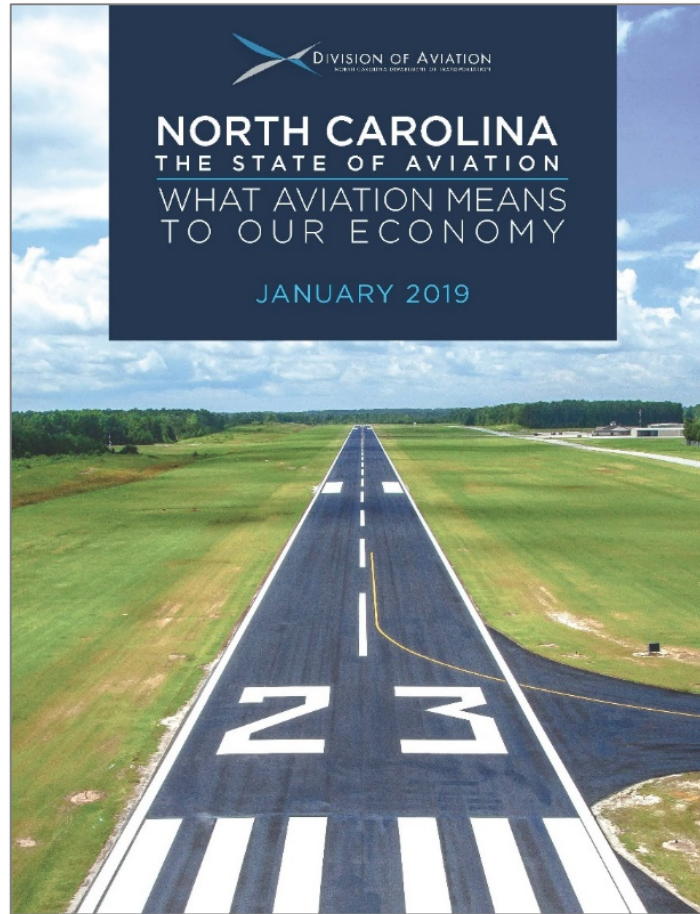
Provide Air  
Transportation  
for all State  
Agencies

# 2019

## North Carolina: The State of Aviation

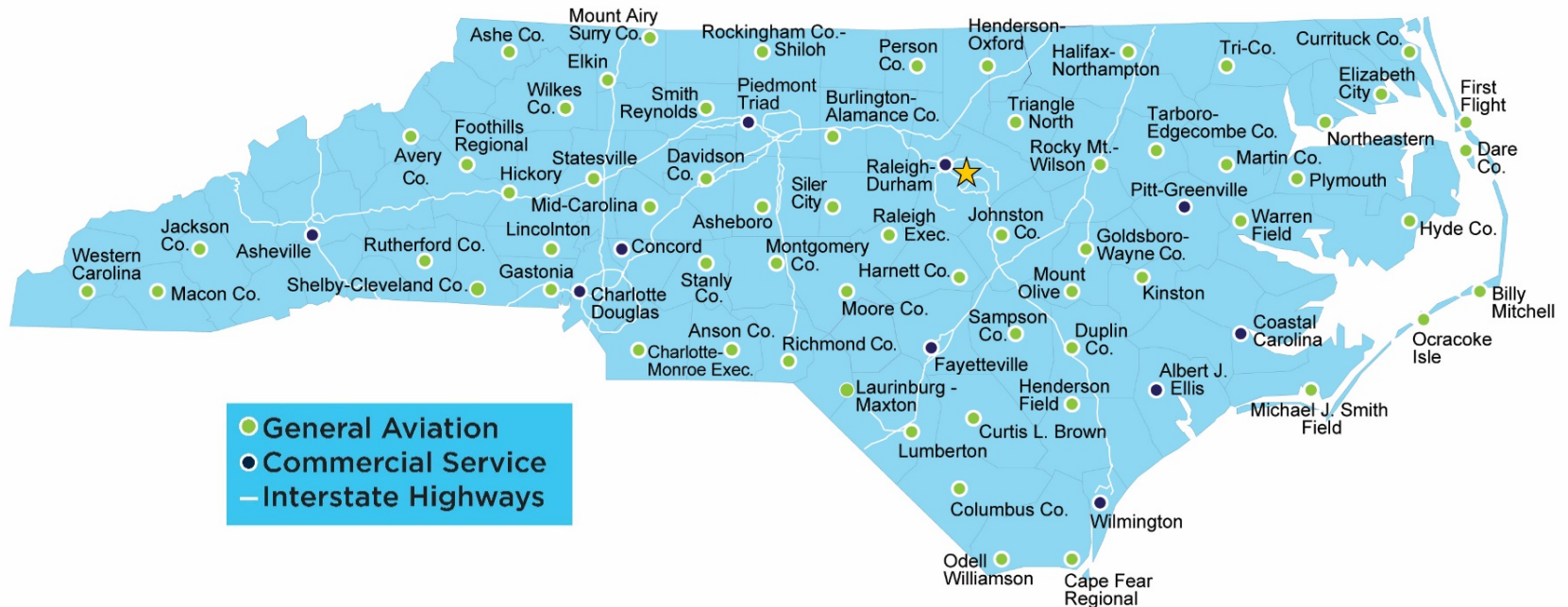
### What Aviation Means to Our Economy

NEW REPORT!





## NORTH CAROLINA PUBLIC AIRPORTS



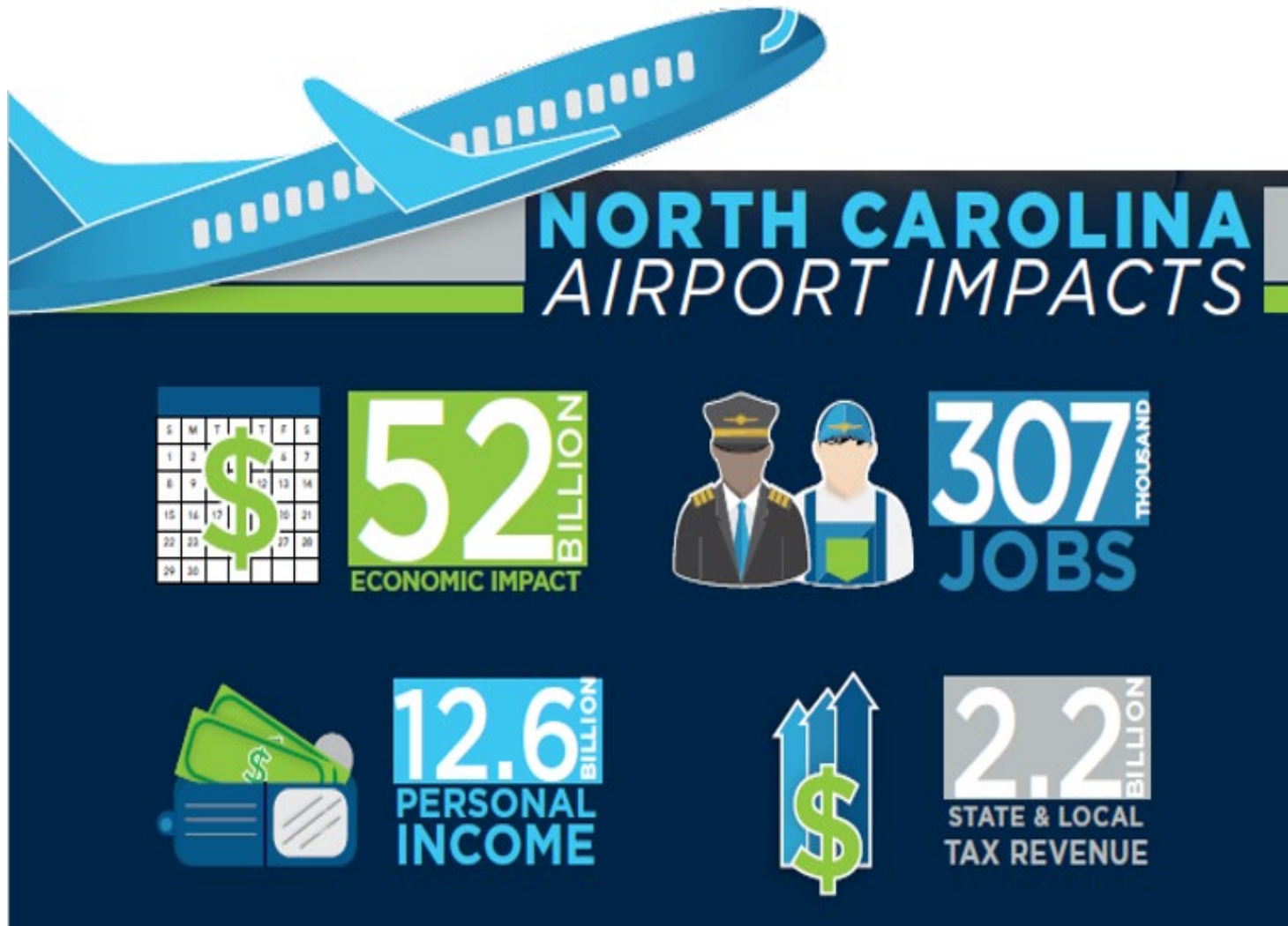
**72 Airports** | 10 Commercial Service | 62 General Aviation

*94% of North Carolina's population lives within a 30-minute drive of a public airport*

## Aviation Activity at NC Airports

- **Operations**
  - 4 million annual airport operations (take-offs and landings)
- **Passenger Service & Airlines**
  - 62 million annual passenger boardings
  - 14 commercial airlines fly to 187 destinations
  - 14,000 airline jobs – 8th highest state for airline employment
  - 12% airline job growth 2014-2017
- **Cargo Service**
  - 850,000 tons of cargo valued at \$23 billion
  - 2,500 jobs
  - N.C. ranks 15th nationwide in total tonnage moved

# NC Airport Impacts



Based on 2017 airport data

# Aviation Activity at NC Airports

## NORTH CAROLINA: ECONOMIC IMPACTS OF N.C. AIRPORTS

ANNUAL AIRPORT IMPACTS	JOBS	PERSONAL INCOME	STATE AND LOCAL TAXES	ECONOMIC OUTPUT
COMMERCIAL SERVICE AIRPORTS	281,945	\$11,306,100,000	\$1,989,600,000	\$47,428,600,000
GENERAL AVIATION AIRPORTS	25,040	\$1,288,100,000	\$176,738,000	\$4,956,030,000
<b>TOTAL AIRPORT IMPACTS</b>	<b>306,985</b>	<b>\$12,594,200,000</b>	<b>\$2,166,338,000</b>	<b>\$52,384,630,000</b>

### COMMERCIAL SERVICE AIRPORT IMPACTS

AIRPORT ID AND NAME	CITY/TOWN	JOBS	PERSONAL INCOME	STATE AND LOCAL TAXES	ECONOMIC OUTPUT	
AIR CARRIER AIRPORTS						
OAJ	Albert J. Ellis	Jacksonville	2,785	\$95,800,000	\$15,300,000	\$474,200,000
AVL	Asheville Regional	Asheville	8,975	\$316,800,000	\$48,400,000	\$1,482,900,000
CLT	Charlotte Douglas International	Charlotte	132,330	\$5,744,500,000	\$1,339,700,000	\$33,029,200,000
EWN	Coastal Carolina Regional	New Bern	2,125	\$72,000,000	\$12,000,000	\$362,700,000
FAY	Fayetteville Regional/Grannis Field	Fayetteville	4,410	\$164,800,000	\$27,000,000	\$784,200,000
JCF	Concord Regional	Concord	4,505	\$191,000,000	\$30,300,000	\$821,400,000
GSO	Piedmont Triad International	Greensboro	25,500	\$1,237,600,000	\$190,300,000	\$5,981,500,000
PGV	Pitt-Greenville	Greenville	1,650	\$59,600,000	\$8,900,000	\$280,700,000
RDU	Raleigh-Durham International	Raleigh/Durham	86,765	\$2,968,200,000	\$450,900,000	\$12,579,800,000
ILM	Wilmington International	Wilmington	12,960	\$455,700,000	\$66,800,000	\$1,752,000,000
<b>COMMERCIAL SERVICE AIRPORTS TOTAL</b>	<b>281,945</b>	<b>\$11,306,100,000</b>	<b>\$1,989,600,000</b>	<b>\$47,428,600,000</b>		

## QUANTIFYING IMPACTS

The latest analysis of the economic impacts of North Carolina's public airports, conducted by North Carolina State University's Institute for Transportation Research and Education (ITRE), reveals that North Carolina airports generate far greater economic benefits than earlier reported.

Aviation-related businesses that engage with the state's 10 commercial service and 62 general aviation airports contribute more than \$52 billion in economic output, 307,000 jobs, \$12.6 billion in personal income and \$2.2 billion in state and local tax revenues, based on ITRE's 2018 analysis of 2017 airport data.

The increase in economic output from the \$31 billion reported in 2016 was primarily due to two factors: economic growth and new methodology that captures both the impact of jobs located on the 10 commercial service airports and the impact of business travelers to those airports.

The commercial service airport analysis quantified the impacts of leisure visitors, on-airport contributions (jobs, income and spending by tenants such as airlines, rental car companies and airport security) and the impact of airport capital projects and operations (construction, facility maintenance and operational services).

The general aviation airport analysis quantified the impact of jobs supported by the airport directly, jobs supported by businesses that rely on the airport, and the impact of visitors.

See the full report at [ncdot.gov/aviation](http://ncdot.gov/aviation).

## NORTH CAROLINA: GENERAL AVIATION AIRPORT IMPACTS

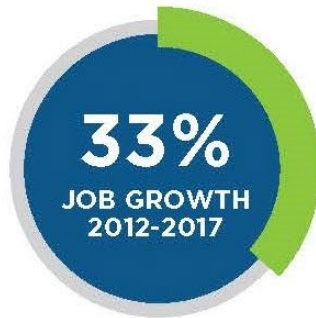
AIRPORT ID AND NAME	CITY/TOWN	JOBS	PERSONAL INCOME	STATE AND LOCAL TAXES	ECONOMIC OUTPUT	
AFP	Anson County	Wadesboro	65	\$3,600,000	\$576,000	\$22,950,000
GEV	Ashe County	Jefferson	235	\$13,100,000	\$1,334,000	\$53,670,000
HEI	Ashboro Regional	Ashboro	100	\$4,700,000	\$538,000	\$17,350,000
7AB	Avery County/Morrison Field	Spruce Pine	125	\$5,900,000	\$543,000	\$20,270,000
HSE	Billy Mitchell	Hatteras	20	\$1,100,000	\$135,000	\$2,410,000
BUY	Burlington-Alamance Regional	Burlington	1,025	\$45,700,000	\$5,859,000	\$198,850,000
UT	Capa Fear Regional Jetport	Cake Island	1,955	\$95,800,000	\$10,297,000	\$27,590,000
EGY	Charlotte-Monroe Executive	Monroe	305	\$12,300,000	\$1,856,000	\$24,310,000
CPC	Columbus County Municipal	Whiteville	495	\$30,200,000	\$20,411,000	\$164,640,000
ONK	Currtuck County Regional	Currtuck	55	\$2,800,000	\$398,000	\$8,620,000
EVF	Carls L. Brown, Jr. Field	Elizabethtown	40	\$2,000,000	\$231,000	\$1,565,000
MGI	Dare County Regional	Manteo	90	\$4,300,000	\$614,000	\$14,340,000
EXX	Davidson County	Lexington	480	\$22,200,000	\$2,780,000	\$65,510,000
DPL	Duplin County	Kenansville	250	\$13,200,000	\$1,328,000	\$60,970,000
EGG	Elizabeth City Regional	Elizabeth City	2,725	\$121,600,000	\$8,988,000	\$455,350,000
ZEF	Elkin Municipal	Elkin	60	\$3,300,000	\$550,000	\$10,490,000
FFA	First Flight	Kill Devil Hills	135	\$4,700,000	\$605,000	\$4,300,000
MRN	Footfalls Regional	Morganton	80	\$3,600,000	\$499,000	\$9,660,000
AKH	Gastonia Municipal	Gastonia	50	\$2,200,000	\$260,000	\$6,360,000
IXA	Halifax-Northampton Regional	Roanoke Rapids	135	\$5,400,000	\$651,000	\$17,040,000
HRJ	Harnett Regional Jetport	Erwin	710	\$43,200,000	\$5,818,000	\$176,540,000
ACZ	Henderson Field	Wallace	30	\$2,000,000	\$220,000	\$5,070,000
HNZ	Henderson-Zwarg	Concord	60	\$2,200,000	\$230,000	\$14,990,000
HKY	Hickory Regional	Hickory	255	\$11,600,000	\$1,457,000	\$35,360,000
7WB	Hyde County	Englehard	5	\$500,000	\$60,000	\$1,870,000
24A	Jackson County	Kinston	5	\$500,000	\$57,000	\$1,340,000
JRK	Johnston County	Smithfield	820	\$39,900,000	\$5,796,000	\$193,350,000
ISO	Kinston Regional Jetport	Kinston	1,515	\$86,500,000	\$9,546,000	\$47,177,000
MEB	Laurelburg-Maxton	Maxton	580	\$30,000,000	\$351,000	\$82,480,000
IPJ	Lincolnton-Lincoln County Regional	Lincolnton	125	\$5,400,000	\$628,000	\$17,120,000
LBT	Lumberton Municipal	Lumberton	115	\$4,600,000	\$541,000	\$14,280,000
1AS	Macon County	Franklin	125	\$6,400,000	\$692,000	\$18,520,000
MCZ	Martin County	Williamston	60	\$2,600,000	\$368,000	\$7,610,000
RUJ	Mid-Carolina Regional	Salisbury	795	\$40,900,000	\$4,935,000	\$142,390,000
MHH	Michael J. Smith Field	Wauwat	295	\$11,000,000	\$1,528,000	\$34,820,000
43A	Montgomery County	Star	5	\$500,000	\$98,000	\$1,700,000
SOP	Moore County	Pinehurst/Southern Pines	305	\$17,300,000	\$1,269,000	\$71,260,000
MWK	Mount Airy/Surry County	Mount Airy	2,570	\$126,900,000	\$23,894,000	\$649,960,000
W40	Mount Olive Municipal	Mount Olive	180	\$8,000,000	\$687,000	\$21,110,000
EDE	Northeastern Regional	Edlerston	55	\$3,000,000	\$339,000	\$10,380,000
WSE	Ocracoke Island	Ocracoke	5	\$800,000	\$87,000	\$5,580,000
60J	Odell Williamson Municipal	Ocean Isle Beach	55	\$2,000,000	\$301,000	\$5,880,000
TDF	Person County	Roxboro	245	\$13,900,000	\$1,912,000	\$69,590,000
PHZ	Plymouth Municipal	Plymouth	55	\$2,100,000	\$282,000	\$5,980,000
TTA	Raleigh-Dove Jetport	Sanders	470	\$19,500,000	\$2,376,000	\$61,160,000
RCZ	Richmond County	Rockingham	25	\$1,300,000	\$158,000	\$3,710,000
SIF	Rockingham County NC Shloh	Reidsville	425	\$19,400,000	\$865,000	\$63,690,000
RWI	Rocky Mount-Wilson Regional	Rocky Mount	450	\$25,900,000	\$2,865,000	\$69,710,000
FOG	Rutherford County	Rutherfordton	705	\$33,800,000	\$3,788,000	\$13,420,000
CTZ	Sampson County	Clinton	25	\$1,300,000	\$165,000	\$4,520,000
EHO	Shelby-Cleveland County Regional	Shelby	215	\$10,600,000	\$1,414,000	\$51,100,000
SCR	Siler City Municipal	Siler City	40	\$1,600,000	\$394,000	\$6,040,000
INT	Smith-Reynolds	Winston-Salem	3,585	\$226,200,000	\$28,445,000	\$801,130,000
VUJ	Stany County	Albemarle	450	\$28,000,000	\$3,202,000	\$34,880,000
SVH	Statesville Regional	Statesville	705	\$38,500,000	\$8,414,000	\$154,580,000
ETC	Tarboro-Edgecombe	Tarboro	50	\$2,300,000	\$63,000	\$13,690,000
LHZ	Triangle North Executive	Louisburg	195	\$9,100,000	\$1,222,000	\$24,280,000
ASJ	Tri-County	Ahoskie	35	\$1,600,000	\$210,000	\$4,350,000
OCW	Warren Field	Washington	180	\$8,100,000	\$869,000	\$22,380,000
GWV	Wayne Executive Jetport	Goldboro	345	\$16,500,000	\$1,848,000	\$58,280,000
RHP	Western Carolina Regional	Andrews	370	\$21,600,000	\$1,867,000	\$71,510,000
UKF	Wilkes County	North Wilkesboro	60	\$3,600,000	\$665,000	\$14,210,000
<b>GENERAL AVIATION AIRPORTS TOTAL</b>	<b>25,040</b>	<b>\$1,288,100,000</b>	<b>\$176,738,000</b>	<b>\$4,956,030,000</b>		



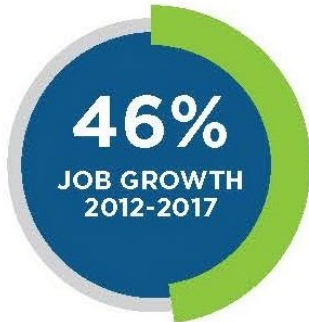
## Airport Support Industries

- 13 rental car companies, \$76 million in state tax revenues
- 60 retail shops, 70 food service businesses, more than \$8 million in state tax revenues
- Aviation fuel sales (approx. \$140M/ year) generate more than \$6 million in state tax revenues
- 3,300 aircraft based at public airports generate property taxes for local communities

# Aerospace Manufacturing



# Aerospace Maintenance, Repair and Overhaul



**5TH**  
IN THE NATION  
IN MRO EMPLOYMENT  
**4,400**  
JOBS





# Military Aviation



8

AVIATION-BASED  
MILITARY BASES



70,000

JOBS

## KEY MILITARY AVIATION LOCATIONS

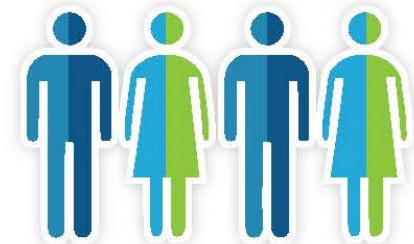
- 1 POPE FIELD AT FORT BRAGG | FAYETTEVILLE
- 2 SEYMOUR JOHNSON AIR FORCE BASE | GOLDSBORO
- 3 MARINE CORPS AIR STATION CHERRY POINT | HAVELOCK
- 4 MARINE CORPS AIR STATION NEW RIVER | JACKSONVILLE
- 5 ELIZABETH CITY COAST GUARD AIR STATION

### N.C. NATIONAL GUARD

- 6 145TH AIRLIFT WING | CHARLOTTE DOUGLAS AND STANLY COUNTY
- 7 449TH THEATER AVIATION BRIGADE | RALEIGH-DURHAM
- 8 449TH THEATER AVIATION BRIGADE | ROWAN COUNTY



# Unmanned Aircraft Systems (UAS) - Drones



**26,400**

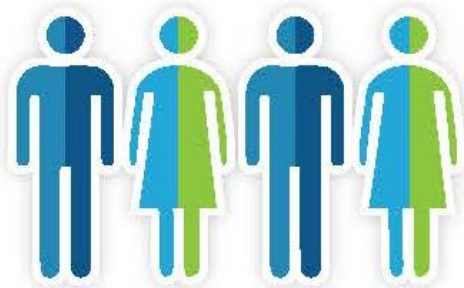
RECREATIONAL PILOTS



**5,000**

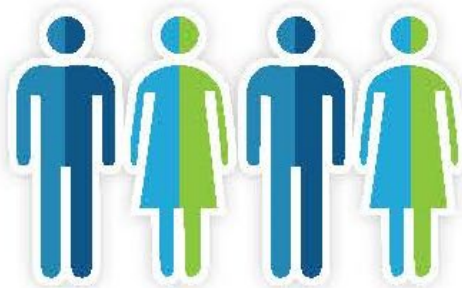
PERMITTED  
COMMERCIAL AND  
GOVERNMENT OPERATORS

# Aviation Education



**1,134**

**ANNUAL STUDENTS  
IN COMMUNITY COLLEGE  
AVIATION PROGRAMS**



**366**

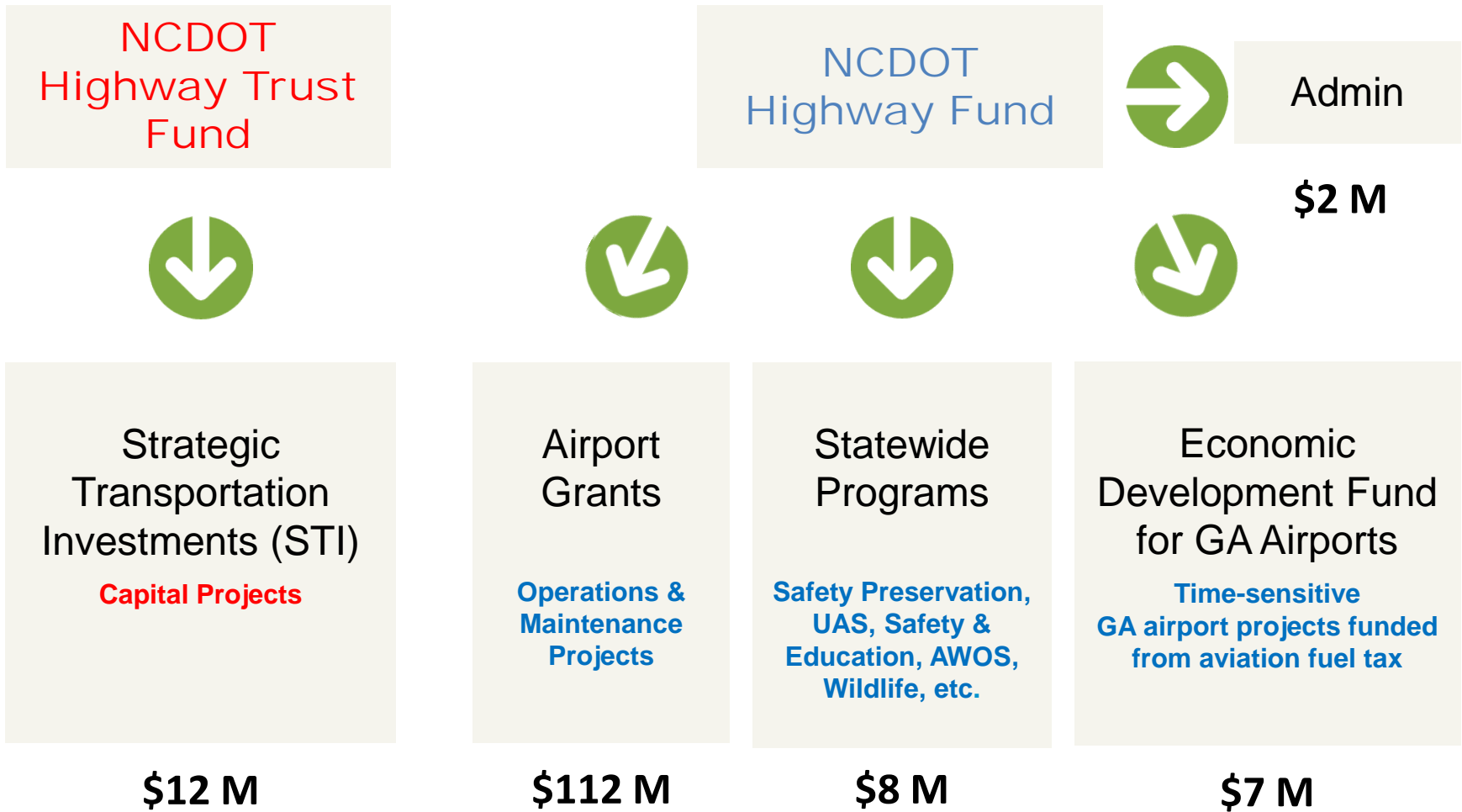
**ANNUAL STUDENTS  
IN FOUR-YEAR  
AVIATION PROGRAMS**



**28**

**POST-SECONDARY  
AVIATION PROGRAMS**

# FY 2019 State Aviation Funding





## Program Delivery & Cash Flow Improvements

- DOT Leadership Goal – reduce fund balances
- Completed LSS project and refined our grant and payment processes
- Worked with Programming and Fiscal to cash flow projects
- FY 18 funds appropriated, DoA expended over 95% of that amount in that fiscal year
- FY 19 funds appropriated, DoA has expended over 70% of that amount to date

# NC GA Airport Economic Development Grant Program Launches



- **Funding Source:** Aviation fuel tax revenues
- **Uses:** Time-sensitive projects at publicly owned general aviation airport that create jobs and generate economic impact in the local community and state.
- **Funded to date:**
  - Johnston County Airport (\$5.1 million)
  - Kinston Regional Jetport (\$4 million)
  - Wayne Executive Jetport (\$3.6 million)
  - Burlington-Alamance Regional Airport (\$167,000)

# FAA Drone Integration Pilot Program

## Flight Testing Begins, Program Expands



- Medical package delivery (launched August 2018)
- Food package delivery (1Q 2019)
- **NEW:** Transportation infrastructure inspection (2019)




# Recognition for Drone Support of NC Hurricane Emergency Response

FEATURE

## DRONES AND DISASTERS: USING EYES IN THE SKY IN THE RIGHT WAY

By Brett Davis and Brian Sprowl



A week out from the arrival of Hurricane Florence in the Carolinas in September 2018, state officials knew they wanted to use drones to help deal with the flooded aftermath, but they didn't want to create chaos in the air.

NCDOT has about 20 drone pilots with varying degrees of experience. Other state agencies have their own drones, including police and firefighters, and private support was also going to be called in from partners including Dronescape, North State Engineering, PrecisionHawk and SM&E. Then there was coordination with the National Guard, FEMA and the Federal Aviation Administration.

"The major thing for us was coordination," says Darshan Divakaran, the UAS program engineer at the North Carolina Department of Transportation's aviation division.

Divakaran's office became what he calls the "UAS champion," a sort of air boss coordinating the efforts of all these disparate players.

**THIS ISN'T A RIVER, IT'S A HIGHWAY - NCDOT**

A flooded road in North Carolina. Photo: NCDOT

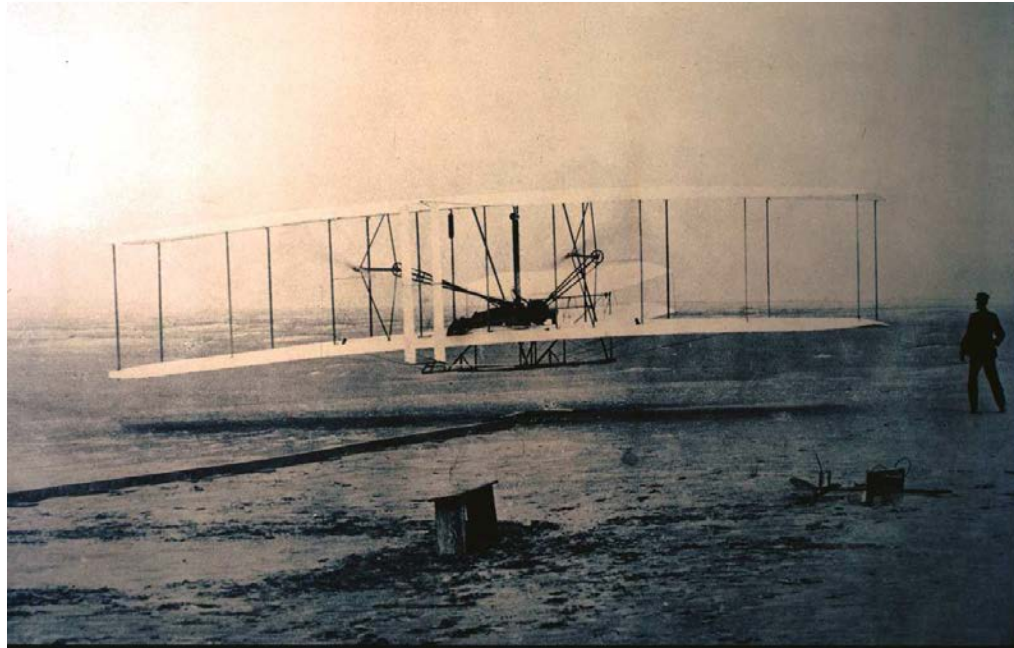
- NCDOT in national and international publications:
  - *Commercial UAV News* | Dec. 12, 2018  
[How Did the NCDOT Use Drones to Help Plan for and Recover from Hurricane Florence?](#)
  - *Dronelife* | Dec. 7, 2018  
[Drones for Good: An Insider Look at North Carolina's Intense Response to Hurricane Florence](#)
  - *Unmanned Systems* | January-February 2019  
[Drones and Disasters: Using Eyes in the Sky in the Right Way](#)
- Shared our experiences at TRB, AASHTO, Federal Highways, and more
- Led to expansion of Integration Pilot Program work to include infrastructure inspection.

## STI 6.0 Aviation Working Group



- Explore recommendations for STI P6.0 Workgroup involving aviation
- Develop strategies for airports to engage with staff at MPOs, RPOs, and Divisions
- Includes Division, MPO, RPO, STI, general aviation, commercial service aviation, and local government representatives
- Meeting through March 2019

# Questions?



**Bobby Walston, P.E.**

Director, NCDOT Division of Aviation  
919 814 0573 | [bwalston@ncdot.gov](mailto:bwalston@ncdot.gov)





**NORTH CAROLINA**  
Department of Transportation



# Bicycle and Pedestrian | Public Transportation NCDOT Division Merger

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**Three Modes... One Division**



# Changing Landscape of Mobility



# New Division Focus



**Personal  
Mobility**



**Community  
Vibrancy**



**Land Use  
Connection**



**Economic  
Development**



**Sustainability**



**Rural and  
Urban Needs**



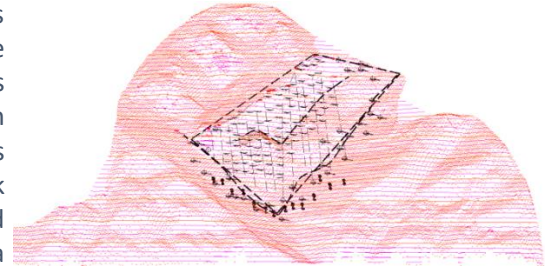
# Merger Process





## PRODUCT HIGHLIGHT – LiDAR for Slope Modeling

Light Detection and Ranging (LiDAR) is a surveying method that uses pulsed laser light to measure distances. The data obtained from the measurements is combined with aerial photography by the Department's Photogrammetry and Location and Surveys Units to develop 3-D terrain models. The Geotechnical Engineering Unit has begun using this technology in the western part of the state for monitoring areas for rock falls and landslides. This process, called slope modeling, is performed using a truck-based LiDAR system to scan identified high-risk areas on a quarterly basis. These models are compared to site photos to remove distortion caused from heavy vegetation and then used to evaluate slope movement over time. By monitoring these movements, slopes that show signs of rock falls or land shifts can be reinforced using anchor bolts driven into specified locations of a slope or rock can be removed to prevent landslides. This method was first used in late 2008 at the Pigeon River Gorge along I-40 – an area with a history of rock slides. Over 100 bolts were installed on the face of the slope to reinforce the area.



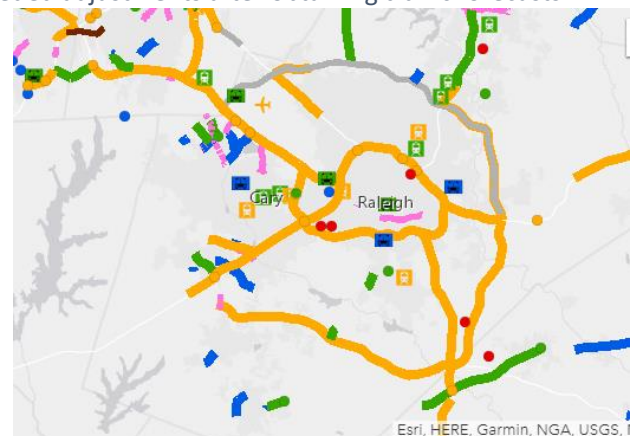
*3-D slope model of Pigeon River Gorge showing anchor locations for reinforcement*

Slopes that are determined to need reinforcement require evaluation for anchoring locations. With slope reinforcement planning, a task that used to take several weeks of surveying, mapping, and measuring involving crews on ropes along a slope was done in several hours using the slope modeling on I-40. Typically, crews would use ropes to navigate the slope for measurements and locating points for reinforcement. With a mobile LiDAR scanner located on a vehicle, the slope can be accurately modeled from the road or base of the slope for review. The Geotechnical Engineering Unit is able to use the 3-D models generated by the scans and pinpoint anchor installation locations. The Geotechnical Engineering Unit along with the Aviation Unit has also begun evaluating the use of drones for LiDAR scanning, which would allow for large scale terrain mapping and avoid personnel located in a potentially dangerous location.

## PRODUCT INNOVATION – Proactive Traffic Forecasting

Traffic forecasting plays a large role in project development. The estimation of future growth helps determine infrastructure planning in many aspects of transportation such as roadway capacity, interchange design, utility locations, environmental impacts, and signal requirements. The forecasting process involves collecting field data, speaking with those knowledgeable about local development, utilizing tools and data sources, and projecting travel trends 25+ years into the future. In the past, traffic forecasting was initiated when a project manager, design engineer, or local planning organization would make a request to the Transportation Planning Division (TPD). Usually, this would take place during a project's environmental planning phase. Providing forecasts to the design teams at this phase could cause delays in project delivery if initial designs needed adjustments after obtaining traffic forecasts.

Starting in 2017, the TPD implemented a new proactive model for the development of project level traffic forecasts. Using the State Transportation Improvement Program, the TPD is able to identify project delivery dates and develop a list of potential projects in need of a forecast before they enter the planning phase. They can then gather the needed data and information for those projects prior to receiving a formal request and provide the project delivery team the useful traffic forecasts earlier in the project planning process. As a result, design units are given important traffic data earlier to make project determinations such as purpose and need, selection of the preferred alternatives, and design. This process is helping avoid project design delays and enabling the Department improve the project delivery process.



*STIP Map of Raleigh area. Colors and shapes indicate the type of project*



# ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION  
FEBRUARY 6, 2019

TIME: 10:30-11:00 AM

LOCATION: Room 160

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of December 2018 Road/Bridge/Ferry Naming Committee Meeting Minutes	Mike Fox, Chair	10:30 AM
Review of Submitted Applications	Dom Ciaramitaro	10:31 AM
Bonner Bridge Discussion – Rescinding current designations and designating new facilities	Jerry Jennings, Board Member Moran	10:32 AM
Airborne & Special Operations Highway Discussion	Kevin Lacy, Greg Burns	10:40 AM
Policy Update Discussion – Rest Stop Memorials	Kevin Lacy	10:50 AM
Adjourn	All	11:00 AM



# WORKFORCE COMMITTEE MEETING MINUTES

DATE: 12/05/2018 TIME: 3:00 pm LOCATION: EIC

MEETING CALLED BY	Vice Committee Chair Mike Alford opened the Workforce Committee meeting for business.
BOARD ATTENDEES	Board Members: Andy Perkins, Mike Alford, Hugh McCray, Pat Molamphy, and Sam Bowles.

## AGENDA TOPICS

1. CALL TO ORDER, ROLL CALL, ETHICS STATEMENT, DECLARATION OF QUORUM, APPROVAL OF MINUTES - CHAIRMAN MIKE FOX	
DISCUSSION SUMMARY	Acting Chairman Alford called the Workforce Committee meeting to order, took roll call, read the ethics statement and declared a quorum based on all committee members present.  Acting Chairman Alford submitted the November minutes for approval.
ACTIONS TAKEN	The November minutes were approved.

2. RECRUITMENT UPDATE – DARRYL BASS, HR DIRECTION AND BOBBY LEWIS P.E., CHIEF OPERATING OFFICER	
DISCUSSION SUMMARY	HR Director Darry Bass updated the committee on recruitment initiatives. This included additional posting options, convening a telework committee and expanding the staff and budget for the recruiting office.  COO Bobby Lewis gave an update on the Workforce Pilot timeline and implementation plan.
ACTIONS TAKEN	No actions taken.

3. HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU) UPDATE AND FELLOWS PROGRAM – AL AUSTIN, HBCU DIRECTOR	
DISCUSSION SUMMARY	HBCU Director gave a presentation on the overall HBCU program, which included information on outreach and the growth in the Fellows Program. In addition, Mr. Austin reviewed goals for retaining/hiring Fellows once they have completed school.
ACTIONS TAKEN	No actions taken.



# WORKFORCE COMMITTEE MEETING MINUTES

4. NEXT STEPS – FULL COMMITTEE	
DISCUSSION SUMMARY	<p>Committee members discussed initiatives and offered support for the various recruitment and retentions efforts including Workforce Pilot rollout.</p> <p>Committee members encouraged the agency to apply the necessary resources to recruitment and retention efforts.</p>
ACTIONS TAKEN	No actions taken.

5. ADJOURN – VICE COMMITTEE CHAIR MIKE ALFORD	
DISCUSSION SUMMARY	Meeting adjourned at 3:40 pm.
ACTIONS TAKEN	No actions taken.



# WORKFORCE COMMITTEE AGENDA

## BOARD OF TRANSPORTATION FEBRUARY 6, 2019

START TIME: **3:40** p.m.

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Ethics Statement Declaration of Quorum Approval of December 5, 2018 minutes	Mike Fox, Chair	5 minutes
Workforce Pilot Update	Bobby Lewis, P.E., COO	30 minutes
Next Steps	Mike Fox, Chair Bobby Lewis, P.E., COO All committee members	20 minutes
Adjourn	Mike Fox, Chair	