

# I N D E X

## BOARD OF TRANSPORTATION MEETING

October 5, 2017

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## **BOARD OF TRANSPORTATION MEETING**

**October 5, 2017**

### **Call to Order**

Chairman Fox called the meeting of the Board of Transportation to order at 9:00 a.m. on Thursday, October 5, 2017, in Raleigh, North Carolina with the following members present: Overholt, Tulloss, Jordan, Szlosberg-Landis, Hutchens, Hunt, Fox, Molamphy, Perkins, Dodson, Lathrop, Tarleton, Pope and Debnam.

Board Member Moran called in to the meeting.

Board Members Zimmer, McComas, Wells and Clarke were absent.

### **Ethics Statement**

Chairman Fox read the Ethics Statement advising any Board member that may have a conflict of interest or appearance of conflict to abstain from participation in that particular item and to file the proper paper work with the Secretary to the Board.

### **Approval – Minutes of the September 7, 2017, Board Meeting**

The minutes of the September 7, 2017, Board of Transportation meeting were unanimously approved upon a motion by Board Member Pope, seconded by Board Member Debnam.

### **Resolution for Dr. John Hope Franklin**

Board Member Jordan and Board Member Szlosberg-Landis presented the Resolution naming a portion of Interstate 85 from Cole Mill Road to the US 70 Bypass as the Dr. John H. Franklin Highway. The Resolution was unanimously approved upon a motion by Board Member Jordan, seconded by Board Member Perkins.

### **Resolution for Richard Sheltra**

Board Member Dodson presented the Resolution naming the bridge over Little Sugar Creek on South Polk Street in Pineville as the Richard Sheltra Bridge. The Resolution was unanimously approved upon a motion by Board Member Dodson, seconded by Board Member Tarleton.

### **Chairman's Remarks**

Chairman Fox welcomed all guests and turned the meeting over to the Secretary.

### **Secretary Trogdon's Remarks**

Secretary Trogdon thanked everyone for attending the meeting. He noted that the state recently had impacts from three hurricanes – Irma, Jose and Maria. He stated that we were fortunate that Hurricane Irma's track was not the direct hit on North Carolina as was the initial concern. He noted that we had minimal damage from downed trees and minor landslides, which was limited mostly to our southwestern counties. Hurricanes Jose and Maria affected some of our coastal areas. Mostly along N.C. 12, which had some sound-side flooding and ocean over wash.

The Secretary stated that the Ferry Division assisted with the evacuation of Ocracoke in advance of Hurricane Maria. Highway crews worked to clear sand, reinforce the protective dunes and drain standing water where possible, but no significant damage occurred. He noted that we also had about 200 people with equipment from our central divisions who stood ready to travel to Florida to help with recovery efforts, if needed. Secretary Trogdon noted that while the Department's assistance was not needed, he wanted to recognize everyone involved for the great team effort to pull together people and equipment and work out the logistics for such a trip.

Secretary Trogdon noted where he has traveled since the last Board Meeting. On September 19, he travelled to Division 3 to meet with staff and tour the Topsail Island Bridge replacement. The new bridge will replace an existing 60-year old swing bridge over the Intracoastal Waterway. Similar to other bridges built along the coast, it will have a 65-foot vertical clearance that will not need to open for vessels in the waterway, which will eliminate delays from the bridge opening and closing as well as provide better emergency access and hurricane evacuation times.

He noted that on September 20, he attended a meeting with representatives of the City of Henderson and Vance County. It was initially planned for July 31, but we had to reschedule due to the emergency power outage at Bonner Bridge. I want to thank Board Member Jordan for helping coordinating this event.

Secretary Trogdon noted that last week, he attended the annual meeting of the American Association of State Highway and Transportation Officials. AASHTO brings together all 50 states, plus the District of Columbia and Puerto Rico. AASHTO serves as a liaison between state DOTs and the Federal government and sets technical standards. A key focus is how we can all work collaboratively to advance an integrated transportation system.

A new committee structure has been implemented to help the association improve its responsiveness to changing trends in transportation and to expand its focus to include a broader perspective on mobility. NCDOT has representatives on each committee, and the Secretary looks forward to seeing us take a greater leadership role on a national level.

The Secretary noted a joint resolution was passed by AASHTO, the Association of General Contractor and the American Road and Transportation Builders that urges Congress to include and pass a permanent solution to the Highway Trust Fund and transportation infrastructure funding in forthcoming tax legislation.

Secretary Trogdon noted that he recently presented to the House Select Committee on Strategic Transportation Planning and Long-Term Funding Solutions on the future of transportation and moving transportation forward. He stated that there was a good discussion about some of the challenges we face and potential solutions. The committee then had a presentation and tour of Union Station here in Raleigh. Union Station is a partnership between NCDOT and the City of Raleigh to build a multi-modal transportation center for passenger trains, buses and a plan for light rail. A key benefit of the project is that it will have two dedicated tracks specifically for passenger trains stopping at the station. This removes passenger trains from the mainline tracks and allows freight and other passenger trains to bypass the station.

He stated that in line with our goal to reduce injuries and fatalities, the Watch for Me Program was recognized by the Governor's Highway Safety Association with its Peter O'Rourke Special Achievement Award on September 19. The award recognizes notable achievements in the field of highway safety. A preliminary analysis of crash trends in the Watch for Me NC pilot region of Orange, Durham and Wake counties showed a five percent reduction in the average pedestrian and bicycle crash rate in the three-year period after the program began (2012-2014) compared to the three years prior (2009 to 2011). The program began in 2012 and reached its

highest level of participation to date in 2017, with 32 community programs encompassing more than 140 individual agencies or departments.

Secretary Trogdon noted that the Department, and the Rail Division in particular, just completed a major milestone for the state. Largely funded through the American Recovery and Reinvestment Act of 2009, more than half a billion dollars has been invested to improve safety, efficiency and reliability for freight and passenger trains on the rail corridor between Charlotte and Raleigh. The Piedmont Improvement Program is the largest program of improvements to the state's rail infrastructure in modern times, and it was completed in just seven years. More than 40 comprehensive rail projects were completed that included 13 new bridges to separate train and highway traffic, 27 miles of double track between Greensboro and Charlotte - making the entire route between both cities now double track - and closing nearly 40 at-grade roadway crossings to improve safety. In addition, locomotives and railcars for the Piedmont train service, and improvements at four train stations between Cary and Kannapolis were completed. These will support the start of two new daily round trips on the *Piedmont* passenger line beginning in May 2018. Modernizing the corridor also allows for increased freight service to better accommodate growing freight traffic and reduce the burden on the state's highway system.

The Secretary stated that Board Members should have received an announcement that the Department has a new communications director, Nicole Meister. Nicole has been with the Department for about 20 years in various roles within the Communications Office and has a wealth of knowledge and experience in transportation-related communications that make her a great asset to the department.

Secretary Trogdon thanked everyone again for their work on the Board, helping the Department meet its goals and improving transportation for the people we serve.

### **North Carolina Department of Cultural Resources Update**

North Carolina Department of Cultural Resources Secretary Susi H. Hamilton provided a Department of Cultural Resources update.

### **USDOT Update**

Special Advisor to the US Department of Transportation Secretary for Infrastructure Jim Ray provided a USDOT Update.

## **AASHTO Update**

AASHTO Director of Policy and Management for Jim Tymon provided an AASHTO Update.

## **Approval of the Standard Practice for Signing National Championship for Schools of Higher Education: Colleges, Universities, and other Post High School Education Institutions (Championship Policy)**

The Board approved the Standard Practice for Signing National Championship for Schools of Higher Education: Colleges, Universities, and other Post High School Education Institutions (Championship Policy) from a motion presented by Board Member Szlosberg-Landis, seconded by Board Member Perkins. (A copy of the standard practice is at the end of this document.)

## **Approval of Projects**

A motion was made by Board Member Tarleton, seconded by Board Member Pope to approve all the projects, excluding items C, D, H and L as they are delegated authority items and require no Board action.

## **Delegated Authority Items**

### **Approval -- Award of Highway Construction Contracts from September 2017 Letting**

Projects were awarded by the Secretary to the low bidder on all projects.

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
SEPTEMBER 19, 2017  
DIVISION 00003

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C203957

42840.3.1

STATE FUNDED

NEW HANOVER

B-5236

PROPOSAL LENGTH 0.185 MILES

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

LOCATION BRIDGE #19 OVER LORDS CREEK ON SR-1100.

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

RPN 002                      6 BIDDER(S)                      MBE GOAL 2.00 %                      WBE GOAL 3.00%  
ESTIMATE 1,455,374.41

DATE AVAILABLE OCT 30 2017 THRU JAN 15 2018

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

FINAL COMPLETION 360 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	1,577,790.76	+8.4
THE TARA GROUP OF LUMBERTON INC LUMBERTON, NC	1,615,599.36	+11.0
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	1,667,000.00	+14.5
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION COMPANY	1,668,576.80	+14.6
SMITH-ROWE, LLC MOUNT AIRY, NC	1,918,274.14	+31.8
DELLINGER, INC. MONROE, NC	1,933,375.55	+32.8

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
SEPTEMBER 19, 2017  
DIVISION 00003

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C204086

2018CPT.03.01.10311, 2018CPT.03.01.20311

STATE FUNDED

DUPLIN

PROPOSAL LENGTH 51.793 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-117 ALT, 2 SECTIONS OF NC-11, 2 SECTIONS OF NC-24 BUS, AND 10 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..77% OF BID  
FY-2019..23% OF BID

RPN 003 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%  
ESTIMATE 5,622,539.23

DATE AVAILABLE OCT 30 2017

FINAL COMPLETION NOV 16 2018

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	5,099,948.84	-9.3
ROSE BROTHERS PAVING CO INC AHOSKIE, NC	6,058,760.54	+7.8

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
SEPTEMBER 19, 2017  
DIVISION 00004

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C203975  
44795.3.1  
STBG-0301(041)  
WILSON  
U-5935

PROPOSAL LENGTH 1.351 MILES

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

LOCATION US-301 FROM SR-1670 (PENDER ST) TO SR-1515 (LISCOMB ROAD) AND ALONG WARD BLVD  
AND HERRING AVE.

EST CONST PROGRESS.... FY-2018..32% OF BID  
FY-2019..67% OF BID  
FY-2020..01% OF BID

RPN 004 3 BIDDER(S) DBE GOAL 10.00 %  
ESTIMATE 11,806,021.57

DATE AVAILABLE MAR 15 2018

INTER COMPLETION JUL 15 2019 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 11 2020

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	13,601,284.87	+15.2
PLT-RBP JV CONSTRUCTION WILSON, NC	15,129,473.99	+28.2
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	15,136,500.00	+28.2

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
SEPTEMBER 19, 2017  
DIVISION 00005

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C204087

2018CPT.05.04.10321.1, 2018CPT.05.04.20321.1, 2018CPT.05.04.20322.1

STATE FUNDED

DURHAM

PROPOSAL LENGTH 44.124 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-70 AND 106 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..77% OF BID  
FY-2019..23% OF BID

RPN 005 4 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%  
ESTIMATE 7,137,314.34

DATE AVAILABLE OCT 30 2017

INTER COMPLETION AUG 15 2018 COMPLETE ALL WORK REQUIRED ON MAP #13.

FINAL COMPLETION NOV 15 2018

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	7,054,264.20	-1.2
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	7,599,157.60	+6.5
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	7,808,953.02	+9.4
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	8,077,428.10	+13.2

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
SEPTEMBER 19, 2017  
DIVISION 00005

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C204083

2018CPT.05.05.10391.1, 2018CPT.05.05.20391.1

STATE FUNDED

GRANVILLE

PROPOSAL LENGTH 48.580 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF US-158, 1 SECTION OF NC-96, AND 12 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..80% OF BID  
FY-2019..20% OF BID

RPN 006 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%  
ESTIMATE 6,872,020.60

DATE AVAILABLE OCT 30 2017

FINAL COMPLETION NOV 01 2018

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	6,239,047.76	-9.2
S T WOOTEN CORPORATION WILSON, NC	6,457,534.72	-6.0

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
SEPTEMBER 19, 2017  
DIVISION 00013

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C204084

2018CPT.13.02.10121, 2018CPT.13.02.20121, 2018CPT.13.02.20122

STATE FUNDED

BURKE

PROPOSAL LENGTH 56.070 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF NC-126, 1 SECTION OF US-70, AND 69 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..34% OF BID  
FY-2019..66% OF BID

RPN 007                      2 BIDDER(S)              MBE GOAL 2.00 %              WBE GOAL 3.00%  
ESTIMATE 5,905,008.80

DATE AVAILABLE              MAR 15 2018

INTER COMPLETION              AUG 03 2018 COMPLETE ALL WORK REQUIRED ON VARIOUS MAPS.

FINAL COMPLETION              JUN 01 2019

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	5,546,616.69	-6.1
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	6,999,420.19	+18.5

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
SEPTEMBER 19, 2017  
DIVISION 00013

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C204085

2018CPT.13.06.10811, 2018CPT.13.06.20811, 2018CPT.13.06.20812

STATE FUNDED

RUTHERFORD

PROPOSAL LENGTH 98.364 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF US-74 BUS, 1 SECTION OF US-220 ALT, AND 131 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2018..32% OF BID

FY-2019..67% OF BID

FY-2020..01% OF BID

RPN 008 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%  
ESTIMATE 6,873,014.28

DATE AVAILABLE MAR 15 2018

INTER COMPLETION AUG 04 2018 COMPLETE ALL WORK REQUIRED ON VARIOUS MAPS.

FINAL COMPLETION JUL 15 2019

	\$ TOTALS	% DIFF
ROGERS GROUP INC NASHVILLE, TN	7,162,079.81	+4.2
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	8,552,120.79	+24.4

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
SEPTEMBER 19, 2017  
DIVISION 00014

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C204039  
34243.3.2  
STATE FUNDED  
POLK  
I-4729A

PROPOSAL LENGTH 0.679 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.

LOCATION I-26/US-74/NC-108 INTERCHANGE MODIFICATION IN THE TOWN OF COLUMBUS.

EST CONST PROGRESS.... FY-2018..92% OF BID  
FY-2019..08% OF BID

RPN 009                      7 BIDDER(S)                      MBE GOAL 3.00 %                      WBE GOAL 4.00%  
ESTIMATE 22,897,599.51

DATE AVAILABLE OCT 30 2017

INTER COMPLETION AUG 17 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION FEB 13 2019

	\$ TOTALS	% DIFF
VECELLIO & GROGAN INC SHARPE BROTHERS BECKLEY, WV	19,088,383.95	-16.6
GLF CONSTRUCTION CORPORATION MIAMI, FL	19,871,926.89	-13.2
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	20,693,890.26	-9.6
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION COMPANY	22,379,490.13	-2.3
NHM CONSTRUCTORS, LLC ASHEVILLE, NC	23,761,371.45	+3.8
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	24,573,781.02	+7.3
CHARLES BLALOCK & SONS, INC. SEVIERVILLE, TN	28,438,720.48	+24.2

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ESTIMATE TOTAL	68,568,892.74	
LETTING TOTAL	65,369,416.88	-4.7

**NCDOT October 2017  
Board of Transportation**

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

**Professional Services Management**

**Chief Operating Officer**

**Chief Engineer**

**Transportation Mobility and Safety**

**ITS & Signals**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm for work on U-5942 listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

**DIVISION 1**

Project:	45861.1.1 (U-5942) Camden County Elizabeth City Signal System
Scope of Work:	Preparing detailed plans, specifications and an engineer's estimate for the installation of the Elizabeth City computerized signal system.
Estimated Construction Cost:	\$2,600,000.00
Firm:	DRMP, Inc., Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

**Field Support**

**Structures Management**

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

**STATEWIDE**

Description of Work:	2015 Structures Management Specialty Services LSC
Firm:	Greenman-Pedersen Inc, Scranton, PA
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	0%



## **Facilities Management**

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

### **STATEWIDE**

Project:	51208 Statewide Roadway Lighting Project
Scope of Work:	Inspection Services
Estimated Construction Cost:	\$32,303,412.00
Firm:	Zapata-LJB, PLLC, Charlotte, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	100%

## **Divisions**

### **Division 1**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to provide Construction Engineering and Inspection Services for project B-2500B listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

### **DIVISION 1**

Project:	32635.3.10 (B-2500B) Dare County Rodanthe on NC 12 Long-Term Improvements (Phase II)
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$145,336,271.00
Firm:	Sepi Engineering & Construction Inc, Raleigh, NC
Maximum Engineering Fee:	\$6,500,000.00
SPSF Utilization:	0%

### **Division 2**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to provide General Engineering Services Consultant services for project U-5740/U-5876 listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

**DIVISION 2**

Project: 44678.1.1 (U-5876) and 54029.1.1 (U-5740) Carteret County  
US 70 (Arendell Street) from 4<sup>TH</sup> Street to SR 1175 (Radio Island Road) Widen to Multi-Lanes; and  
US 70 (Arendell Street) from Morehead City to Beaufort Causeway Widen and Improve Newport River Bridge

Scope of Work: General Engineering Services Consultant

Estimated Construction Cost: \$139,607,000.00

Firm: RS&H Architects-Engineers-Planners, Inc., Charlotte, NC

Maximum Engineering Fee: \$5,000,000.00

SPSF Utilization: Commonwealth Heritage Group Inc  
1% / \$50,000.00

SPSF Utilization: Carolina Ecosystems Inc  
2% / \$100,000.00

SPSF Utilization: Progressive Design Group, Inc.  
1% / \$50,000.00

**Division 10**

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

**DIVISION 10**

Project: 44381.1.1 (U-5808) Union County  
SR 1362 (Chestnut Lane Connector) from SR 1367 (Matthews Indian Trail Road) to SR 1368 (Gribble Road) – Construct Road on New Location

Scope of Work: Preparation of an Environmental Assessment (EA) / Finding of No Significant Impacts (FONSI)

Estimated Construction Cost: \$3,400,000.00

Firm: Mead & Hunt Inc, Raleigh, NC

Original Engineering Fee: \$500,000.00

Supplemental Fee: \$1,200,000.00

Supplemental Work: Final design including bridge design

DBE/WBE/SPSF Utilization: Ecological Engineering LLP  
3% / \$36,000.00

DBE/MBE/SPSF Utilization: Neighborhood Solutions LLC  
2% / \$24,000.00

**Divisions 1-4 and 6**

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

**DIVISIONS 1-4 and 6**

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC

Firm: Kimley-Horn & Associates, Inc, Raleigh, NC

Original Engineering Fee: \$3,000,000.00

Previous Supplemental Fee: \$2,000,000.00

Supplemental Fee: \$1,000,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC  
8% / \$80,000.00

SPSF Utilization: Catlin Engineers and Scientists  
6% / \$60,000.00

SPSF Utilization: Carolina Land Acquisitions Inc  
5% / \$50,000.00

DBE/MBE/SPSF Utilization: Vistabution LLC  
5% / \$50,000.00

DBE/WBE/SPSF Utilization: New South Associates, Inc.  
2% / \$20,000.00

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC

Firm: Rummel Klepper & Kahl LLP, Raleigh, NC

Original Engineering Fee: \$3,000,000.00

Previous Supplemental Fee: \$4,000,000.00

Supplemental Fee: \$2,000,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc  
4% / \$80,000.00

SPSF Utilization: Ramey Kemp & Associates, Inc.  
1% / \$20,000.00

DBE/WBE/SPSF Utilization: New South Associates, Inc.  
1% / \$20,000.00

DBE/MBE/SPSF Utilization: MM/I and Associates LLC  
1% / \$20,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC  
2% / \$40,000.00

Description of Work: 2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC

Firm: VHB Engineering NC PC, Watertown, MA

Original Engineering Fee: \$3,000,000.00

Previous Supplemental Fee: \$4,000,000.00

Supplemental Fee: \$2,000,000.00

SPSF Utilization: Commonwealth Heritage Group Inc  
1% / \$20,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc  
3% / \$60,000.00

DBE/SPSF Utilization: MI Engineering, PLLC  
5% / \$100,000.00

SPSF Utilization: Calyx Engineers and Consultants  
6% / \$120,000.00

SPSF Utilization: Sungate Design Group PA  
5% / \$100,000.00

SPSF Utilization: TGS Engineers  
6% / \$120,000.00

**Divisions 10-14**

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

**DIVISIONS 10-14**

Description of Work:	2015 Western Region Highway Divisions (Divisions 10,11,12,13,14) Planning and Design LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$5,000,000.00
Supplemental Fee:	\$4,000,000.00
SPSF Utilization:	Commonwealth Heritage Group Inc 1% / \$40,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 3% / \$120,000.00
DBE/MBE/SPSF Utilization:	MA Engineering Consultants Inc 5% / \$200,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 1% / \$40,000.00

Description of Work:	2015 Western Region Highway Divisions (Divisions 10,11,12,13,14) Planning and Design LSC
Firm:	Mattern & Craig Inc, Asheville, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2015 Western Region Highway Divisions (Divisions 10,11,12,13,14) Planning and Design LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	Mattern & Craig Inc 5% / \$100,000.00
SPSF Utilization:	Hinde Engineering Inc 5% / \$100,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 5% / \$100,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 5% / \$100,000.00

## Statewide

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Construction Engineering & Inspection on an as needed basis for various federal-aid and state funded projects to support the Division of Highways. These contracts will expire two (2) years with a one (1) year optional renewal 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. These are for information only.

### STATEWIDE

Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	S&ME Inc, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 10% / \$500,000.00

Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Gannett Fleming, Inc., Philadelphia, PA
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization :	CES Consulting LLC 20% / \$1,000,000.00

Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	ECS Southeast, LLP, Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	BBFoster Consulting PC 10% / \$500,000.00
DBE/MBE/SPSF Utilization:	Capstone Civil Engineering, Inc. 10% / \$500,000.00

Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	ESP Associates PA, Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	A. Morton Thomas & Associates Inc, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Calyx Engineers and Consultants, Raleigh, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	ICA Engineering Inc, Raleigh, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	The Louis Berger Group Inc, Morristown, NJ
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	Stewart 2.5% / \$250,000.00
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	DRMP Inc., Jacksonville, FL
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Maximum Engineering Fee:	\$15,000,000.00
SPSF Utilization:	Parrish and Partners of North Carolina, PLLC 5% / \$750,000.00

Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Vaughn & Melton Consulting Engineers Inc, Asheville, NC
Maximum Engineering Fee:	\$15,000,000.00
SPSF Utilization:	Mattern & Craig Inc 10% / \$1,500,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group, Inc. 10% / \$1,500,000.00
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$15,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Volkert Inc, Birmingham, AL
Maximum Engineering Fee:	\$15,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Sepi Engineering & Construction, Inc, Raleigh, NC
Maximum Engineering Fee:	\$15,000,000.00
DBE/WBE/SPSF Utilization:	CECS, LLP 10% / \$1,500,000.00
Description of Work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Rummel Klepper & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	\$15,000,000.00
SPSF Utilization:	F&ME Consultants, Inc. 5% / \$750,000.00
SPSF Utilization:	Carolina Transportation Engineers & Associates, PC 5% / \$750,000.00

## Divisions

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

**DIVISION 1**

Description of Work: 2017 On-Call General Engineering Services for  
Division-Managed Projects LSC  
Firm: Vaughn & Melton Consulting Engineers Inc,  
Asheville, NC  
Original Engineering Fee: \$1,000,000.00  
Supplemental Fee: \$1,500,000.00  
DBE/WBE/SPSF Utilization: Ecological Engineering LLP  
9% / \$135,000.00  
SPSF Utilization: Carolina Transportation Engineers & Associates, PC  
8% / \$120,000.00

Description of Work: 2017 On-Call General Engineering Services for  
Division-Managed Projects LSC  
Firm: Kisinger Campo & Associates Corp, Tampa, FL  
Original Engineering Fee: \$1,000,000.00  
Supplemental Fee: \$1,500,000.00  
DBE/WBE/SPSF Utilization: Ecological Engineering LLP  
4% / \$60,000.00  
SPSF Utilization: Ramey Kemp & Associates, Inc.  
4% / \$60,000.00  
SPSF Utilization: TGS Engineers  
4% / \$60,000.00  
DBE/WBE/SPSF Utilization: Three Oaks Engineering  
4% / \$60,000.00

Description of Work: 2017 On-Call General Engineering Services for  
Division-Managed Projects LSC  
Firm: Stantec Consulting Services Inc, Chicago, IL  
Original Engineering Fee: \$1,000,000.00  
Supplemental Fee: \$1,500,000.00  
DBE/WBE/SPSF Utilization: Falcon Engineering Inc  
4% / \$60,000.00  
DBE/SPSF Utilization: MI Engineering, PLLC  
5% / \$75,000.00

**DIVISION 2**

Description of Work: 2017 On-Call General Engineering Services for  
Division-Managed Projects LSC  
Firm: Calyx Engineers and Consultants, Raleigh, NC  
Original Engineering Fee: \$500,000.00  
Supplemental Fee: \$500,000.00  
SPSF Utilization: 100%

Description of Work: 2017 On-Call General Engineering Services for  
Division-Managed Projects LSC  
Firm: Zapata-LJB, PLLC, Charlotte, NC  
Original Engineering Fee: \$500,000.00  
Supplemental Fee: \$500,000.00  
SPSF Utilization: 100%



Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Kimley-Horn & Associates, Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	AECOM Technical Services of North Carolina, Inc, Chicago, IL
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 1% / \$20,000.00
Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$30,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 2% / \$30,000.00
SPSF Utilization:	Carolina Transportation Engineers & Associates, PC 5% / \$75,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$30,000.00
Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	VHB Engineering NC PC, Watertown, MA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$30,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$30,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$30,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 3% / \$45,000.00
SPSF Utilization:	Sungate Design Group, PA 3% / \$45,000.00
SPSF Utilization:	TGS Engineers 3% / \$45,000.00

**DIVISION 3**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$75,000.00
Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Calyx Engineers and Consultants 2% / \$10,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 1% / \$5,000.00
Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Sepi Engineering & Construction, Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	0%
Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$10,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 1% / \$5,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 1% / \$5,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 2% / \$10,000.00
SPSF Utilization:	Carolina Transportation Engineers & Associates, PC 5% / \$25,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$10,000.00
Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Carolina Ecosystems Inc 3% / \$45,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Stantec Consulting Services Inc, Chicago, IL
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 4% / \$20,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 5% / \$25,000.00

#### **DIVISION 4**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Environmental Services Inc 5% / \$75,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	TGS Engineers, Shelby, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 4% / \$80,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 4% / \$80,000.00
SPSF Utilization:	TGS Engineers 4% / \$80,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 4% / \$80,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	VHB Engineering NC PC, Watertown, MA
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$10,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$10,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$10,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 3% / \$15,000.00
SPSF Utilization:	Sungate Design Group PA 3% / \$15,000.00
SPSF Utilization:	TGS Engineers 3% / \$15,000.00

#### **DIVISION 5**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Atkins North America Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Commonwealth Heritage Group, Inc 2% / \$30,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Calyx Engineers and Consultants, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	100%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Davenport, Winston-Salem, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	CDM Smith Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Summit Design and Engineering Services, PLLC 12% / \$180,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 7% / \$105,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	100%

#### **DIVISION 6**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Dewberry Engineers Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 5% / \$25,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 5% / \$25,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Sepi Engineering & Construction, Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Gannett Fleming, Inc., Philadelphia, PA
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$25,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 5% / \$25,000.00
SPSF Utilization:	Progressive Design Group, Inc. 5% / \$25,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 3% / \$15,000.00
SPSF Utilization:	EEE Consulting Inc 3% / \$15,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$10,000.00
DBE/MBE/SPSF Utilization:	Baseline Mobility Group, Inc. 1% / \$5,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	CDM Smith Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Summit Design and Engineering Services, PLLC 12% / \$60,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 7% / \$35,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 1% / \$15,000.00

#### **DIVISION 7**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Calyx Engineers and Consultants, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Mead & Hunt Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/MBE/SPSF Utilization:	Davenport 16% / \$240,000.00
SPSF Utilization:	EEE Consulting Inc 3% / \$45,000.00
SPSF Utilization:	Alpha & Omega Group PC 4% / \$60,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 2% / \$30,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$75,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	0%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 3% / \$45,000.00
SPSF Utilization:	Carolina Ecosystems Inc 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group, Inc 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 4% / \$60,000.00

## **DIVISION 8**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Calyx Engineers and Consultants 2% / \$30,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 1% / \$15,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	H. W. Lochner, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Sungate Design Group PA 8% / \$120,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 12% / \$180,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 4% / \$60,000.00
SPSF Utilization:	Commonwealth Heritage Group, Inc 1% / \$15,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	VHB Engineering NC PC, Watertown, MA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$30,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$30,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$30,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 3% / \$45,000.00
SPSF Utilization:	Sungate Design Group PA 3% / \$45,000.00
SPSF Utilization:	TGS Engineers 3% / \$45,000.00

#### **DIVISION 9**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Dewberry Engineers Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 5% / \$75,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 5% / \$75,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Calyx Engineers and Consultants 2% / \$30,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 1% / \$15,000.00



Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 3% / \$45,000.00
SPSF Utilization:	Carolina Ecosystems Inc 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group   Inc 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 4% / \$60,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Carolina Ecosystems Inc 3% / \$45,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Transystems Corporation, Chicago, IL
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Sungate Design Group PA 10% / \$50,000.00

#### **DIVISION 10**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Atkins North America Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Commonwealth Heritage Group, Inc 2% / \$30,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Calyx Engineers and Consultants 2% / \$10,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 1% / \$5,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Mattson, Alexander and Associates, Inc. 1% / \$15,000.00
SPSF Utilization:	Progressive Design Group, Inc. 5% / \$75,000.00
DBE/MBE/SPSF Utilization:	Tech Engineering Group PLLC 2% / \$30,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	WSP USA Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Utility Coordination Consultants 3% / \$45,000.00
SPSF Utilization:	Commonwealth Heritage Group, Inc 2% / \$30,000.00
DBE/WBE/SPSF Utilization:	Susan Hatchell Landscape Architecture PLLC 1% / \$15,000.00
SPSF Utilization:	Spanishspeaking, LLC 1% / \$15,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	DRMP, Inc., Charlotte, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$30,000.00

#### **DIVISION 11**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	TGS Engineers, Shelby, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	100%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 4% / \$60,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 4% / \$60,000.00
SPSF Utilization:	TGS Engineers 4% / \$60,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 4% / \$60,000.00

## **DIVISION 12**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	A. Morton Thomas & Associates Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Carolina Ecosystems Inc 5% / \$75,000.00
DBE/MBE/SPSF Utilization:	Davenport 15% / \$225,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	CDM Smith Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Summit Design and Engineering Services, PLLC 12% / \$180,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 7% / \$105,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 3% / \$15,000.00
SPSF Utilization:	Carolina Ecosystems Inc 1% / \$5,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 1% / \$5,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group   Inc 1% / \$5,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 4% / \$20,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Stantec Consulting Services Inc, Chicago, IL
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 4% / \$60,000.00
DBE/SPSF Utilization:	MI Engineering, PLLC 5% / \$75,000.00

### **DIVISION 13**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Atkins North America Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Commonwealth Heritage Group, Inc 2% / \$30,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Calyx Engineers and Consultants, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	100%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	ICE of Carolinas PLLC, North Charleston, SC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$25,000.00
SPSF Utilization:	Progressive Design Group, Inc. 5% / \$25,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 10% / \$50,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/MBE/SPSF Utilization:	Accelerate Engineering PLLC 10% / \$150,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 15% / \$225,000.00
SPSF Utilization:	Sungate Design Group PA 10% / \$150,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	MS Consultants Inc, Youngstown, OH
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 10% / \$50,000.00

#### **DIVISION 14**

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	TGS Engineers, Shelby, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Kimley-Horn & Associates, Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Vaughn & Melton Consulting Engineers Inc, Asheville, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 9% / \$135,000.00
SPSF Utilization:	Carolina Transportation Engineers & Associates, PC 8% / \$120,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Johnson, Mirmiran & Thompson, Inc., Hunt Valley, MD
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 2% / \$10,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions LLC 2% / \$10,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 4% / \$20,000.00
DBE/MBE/SPSF Utilization:	Tech Engineering Group PLLC 2% / \$10,000.00
SPSF Utilization:	Utility Coordination Consultants 2% / \$10,000.00

Description of Work:	2017 On-Call General Engineering Services for Division-Managed Projects LSC
Firm:	Stewart, Philadelphia, PA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	100%

## Technical Services

### Geotechnical Engineering 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 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services on an as needed basis for various federal-aid and state funded projects to support the Geotechnical Engineering Unit. These contracts will expire two (2) years with an optional one (1) year extension possible after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

#### STATEWIDE

Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Applied Foundation Testing, PLLC, Raleigh, NC
Maximum Engineering Fee:	\$400,000.00
SPSF Utilization:	100%

Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Schnabel Engineering South PC, Merrifield, VA
Maximum Engineering Fee:	\$400,000.00
SPSF Utilization:	0%

Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Kleinfelder Inc, Los Angeles, CA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization :	Pyramid Environmental & Engineering PC 2% / \$80,000.00

Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Froehling & Robertson Inc, Raleigh, NC
Maximum Engineering Fee:	\$3,500,000.00
SPSF Utilization:	0%

Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%

Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	GEL Engineering of NC Inc, Charleston, SC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization :	0%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Pyramid Environmental & Engineering PC, Greensboro, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Hart & Hickman PC, Charlotte, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization :	0%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Catlin Engineers and Scientists, Wilmington, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Mid Atlantic Associates Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Geosyntec Consultants of NC PC, Boca Raton, FL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization :	0%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	ICE of Carolinas ,PLLC, North Charleston, SC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	ESP Associates PA, Charlotte, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization :	0%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	ECS Southeast, LLP, Charlotte, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Rummel, Klepper & Kahl LLP, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Terracon Consultants Inc, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization :	Geophysical Survey Investigations PLLC 1% / \$30,000.00
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Falcon Engineering Inc, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	S&ME Inc, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Apex Companies, LLC, Baltimore, MD
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization :	0%



Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Duncklee & Dunham PC, Cary, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Highlands Environmental Solutions Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Stewart, Philadelphia, PA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization :	100%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Geotechnical Environmental Testing Solutions Inc, Virginia Beach, VA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Draper Aden Associates Inc, Blacksburg, VA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization :	Pyramid Environmental & Engineering PC 10% / \$100,000.00
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	GRL Engineers, Inc, Charlotte, NC
Maximum Engineering Fee:	\$400,000.00
SPSF Utilization :	100%
Description of Work:	2017 Geotechnical, GeoEnvironmental, Geophysical, and Foundation Testing Services LSC
Firm:	Seramur & Associates PC, Boone, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%

### **Location & Surveys**

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

**STATEWIDE**

Description of Work:	2017 Location & Surveys LSC
Firm:	Cardno Inc, Dallas, TX
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	DRMP Inc., Jacksonville, FL
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	Johnson, Mirmiran & Thompson, Inc., Hunt Valley, MD
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2017 Location & Surveys LSC
Firm:	Stewart, Philadelphia, PA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Location & Surveys LSC
Firm:	Wadelynn Geospatial, LLC, Garner, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	100%
Description of Work:	2017 Location & Surveys LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$1,500,000.00
Previous Supplemental Fee:	\$1,500,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2017 Location & Surveys LSC
Firm:	WithersRavenel, Inc., Cary, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

## **Natural Environment**

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

### **STATEWIDE**

Description of Work:	2015 Natural Environmental Services LSC
Firm:	Three Oaks Engineering, Durham, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2015 Natural Environmental Services LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Original Engineering Fee:	\$600,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2015 Natural Environmental Services LSC
Firm:	McCormick Taylor Inc, Harrisburg, PA
Original Engineering Fee:	\$300,000.00
Previous Supplemental Fee:	\$600,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Alderman Environmental Services, Inc. 15% / \$75,000.00
SPSF Utilization:	Axiom Environmental, Inc. 5% / \$25,000.00
Description of Work:	2015 Natural Environmental Services LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	CZR Incorporated 12% / \$60,000.00
Description of Work:	2015 Natural Environmental Services LSC
Firm:	Rummel, Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$1,600,000.00
Supplemental Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 2% / \$30,000.00

## **Design-Build**

The Secretary of Transportation awarded a Design-Build contract in July 2017 for the I-40 Pavement Rehabilitation and construction of additional lanes from West of NC 801 in Davie County to East of SR 1101 (Harper Road/Tanglewood Business Park Road) in Forsyth County. In accordance with the policies and procedures adopted by the Board, a Design-Build team who was not awarded the project can request payment of a stipend to recover part of the expense of preparation of their proposal. We have received a request for payment of the stipend from the following firms. These are for information only.

### **DIVISION 9**

Project:	(34147.3.4) (I-0911A)
Firm:	United Infrastructure Group Inc., Great Falls, SC
Stipend Amount:	\$70,000.00
SPSF Utilization:	0%

Project:	(34147.3.4) (I-0911A)
Firm:	The Lane Construction Corporation, Cheshire, CT
Stipend Amount:	\$70,000.00
SPSF Utilization:	0%

## **Turnpike Authority**

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

### **STATEWIDE**

Description of Work:	2015 NCTA Traffic and Revenue Service LSC
Firm:	Stantec Consulting Services Inc, Chicago, IL
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 3% / \$30,000.00

**NCDOT OCTOBER 2017 BOARD OF TRANSPORTATION  
Funds Request  
Division-wide Small Construction, Statewide Contingency,  
Public Access, Economic Development**

**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 2 Pitt	Town of Ayden – Increase on-site traffic storage area at Ayden Elementary School	Contingency	\$220,000.00
	WBS 49028	<u>TOTAL</u>	<u>\$220,000.00</u>
Div 3 Onslow	City of Jacksonville - Revise pavement markings on Jacksonville Pkwy (SR 2714) at the intersection with Western Blvd (NC 53)	Small Construction	\$10,000.00
	WBS 47687	<u>TOTAL</u>	<u>\$10,000.00</u>
Div 4 Halifax	Town of Littleton – Replace guardrail along US 158.	Contingency	\$40,000.00
	WBS 80048	<u>TOTAL</u>	<u>\$40,000.00</u>
Div 7 Guilford	Town of Jamestown - Install Sidewalks along both sides of East Main St (SR 4121) from Millis Rd (SR 1357) to Jamestown Pkwy	Contingency	\$70,000.00
	WBS 47499	<u>TOTAL</u>	<u>\$70,000.00</u>
Div 9 Forsyth	City of Winston-Salem – Pedestrian Improvements on Cloverdale Ave and Miller St in Winston-Salem	Contingency	\$250,000.00
	WBS 44610 – Increase Funds	<u>TOTAL</u>	<u>\$250,000.00</u>
Div 10 Union	Roadway and drainage repairs along Zion Church Rd (SR 1920) south of State Line Rd (SR 1921)	Contingency	\$118,100.00
	WBS 47639	<u>TOTAL</u>	<u>\$118,100.00</u>

**NCDOT OCTOBER 2017 BOARD OF TRANSPORTATION  
Funds Request  
Division-wide Small Construction, Statewide Contingency,  
Public Access, Economic Development**

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 12 Catawba	City of Claremont - Grade, Drain, Base & Pave approx. 1400' of industrial access road for new industrial facility. Project Longbow. Request for additional funds. WBS 45858	Economic Development	\$70,000.00
		<u>TOTAL</u>	<u>\$70,000.00</u>
Div 14 Henderson	Install actuated flasher at the intersection of Hooper's Creek Rd (SR 1569) and Terry's Gap Rd (SR 1565)  WBS 44777 - Increase & close	Small Construction	\$10,132.52
		<u>TOTAL</u>	<u>\$10,132.52</u>

**Summary:**

<b>Number of Divisions</b>	<b>8</b>
<b>Number of Projects</b>	<b>8</b>
<b>Small Construction Commitment</b>	<b>\$20,132.52</b>
<b>Public Access Commitment</b>	<b>\$0.00</b>
<b>Contingency Commitment</b>	<b>\$698,100.00</b>
<b>Economic Development</b>	<b>\$70,000.00</b>
<b>TOTAL</b>	<b>\$788,232.52</b>

**Approval of Funds for Specific Spot Safety Improvement  
Projects And for Specific Spot Mobility Projects**

**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>
Camden Co. Div. 1 SS-4901BE	WBS 47664.3.1 SR 1224 (Old Swamp Road) between south of SR 1225 (Lilly Road) and north of SR 1225 (Lilly Road). Initial Spot Safety construction funds are needed for pavement improvements to increase pavement friction. File 01-14-29571-1C	\$20,000.00
Durham/ Durham Co. Div. 5 SM-5705B	WBS 47650.3.1 US 70 Bus. (Hillsborough Road) at US 15-501 Southbound ramp. Initial Spot Mobility construction funds are needed for turn lane installation. File 05-15-6714-3C	\$117,000.00
Durham/ Durham Co. Div. 5 SM-5705B	WBS 47650.2.1 US 70 Bus. (Hillsborough Road) at US 15-501 Southbound ramp. Initial Spot Mobility right of way and utilities funds are needed for turn lane installation. File 05-15-6714-3R	\$3,000.00
Durham/ Durham Co. Div. 5 SM-5705G	WBS 47655.3.1 NC 54 at NC 751. Initial Spot Mobility construction funds are needed for turn lane, pavement marking, and traffic signal revisions. File 05-17-6500-1C	\$30,000.00
Durham/ Durham Co. Div. 5 SM-5705G	WBS 47655.1.1 NC 54 at NC 751. Initial Spot Mobility preliminary engineering funds are needed for turn lane, pavement marking, and traffic signal revisions. File 05-17-6500-1P	\$5,000.00

**Approval of Funds for Specific Spot Safety Improvement  
Projects And for Specific Spot Mobility Projects**

**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>
Fuquay Varina/ Wake Co. Div. 5 SM-5705A	WBS 47649.3.1 SR 1301 (Sunset Lake Road) at SR 1393 (Bass Lake Road/Hilltop Needmore Road). Initial Spot Mobility construction funds are needed for left turn lane construction. File 05-15-6609-1C	\$420,000.00
Wake Co. Div. 5 SM-5705C	WBS 47651.3.1 I-495/US 64 at I-540 Westbound. Initial Spot Mobility construction funds are needed for widening improvements. File 05-15-8128-1C	\$340,000.00
Wake Co. Div. 5 SM-5705D	WBS 47652.3.1 SR 1006 (Old Stage Road) at SR 1010 (Ten Ten Road). Initial Spot Mobility construction funds are needed for turn lane construction. File 05-16-2004-1C	\$270,000.00
Wake Co. Div. 5 SM-5705D	WBS 47652.1.1 SR 1006 (Old Stage Road) at SR 1010 (Ten Ten Road). Initial Spot Mobility preliminary engineering funds are needed for turn lane construction. File 05-16-2004-1P	\$45,000.00
Wake Co. Div. 5 SM-5705D	WBS 47652.2.1 SR 1006 (Old Stage Road) at SR 1010 (Ten Ten Road). Initial Spot Mobility right of way and utilities funds are needed for turn lane construction. File 05-16-2004-1R	\$70,000.00



**Approval of Funds for Specific Spot Safety Improvement  
Projects And for Specific Spot Mobility Projects**

**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>
Wake Co. Div. 5 SM-5705E	WBS 47653.3.1 SR 2233 (Smithfield Road) in the vicinity of US 64/US 264. Initial Spot Mobility construction funds are needed for turn lane construction and traffic signal revisions. File 05-16-9408-1C	\$480,000.00
Raleigh/ Wake Co. Div. 5 SM-5705F	WBS 47654.3.1 SR 2049 (Forestville Road) at SR 2215 (Buffaloe Road). Initial Spot Mobility construction funds are needed for turn lane construction. File 05-17-5132-1C	\$342,000.00
Raleigh/ Wake Co. Div. 5 SM-5705F	WBS 47654.1.1 SR 2049 (Forestville Road) at SR 2215 (Buffaloe Road). Initial Spot Mobility preliminary engineering funds are needed for turn lane construction. File 05-17-5132-1P	\$71,000.00
Raleigh/ Wake Co. Div. 5 SM-5705F	WBS 47654.2.1 SR 2049 (Forestville Road) at SR 2215 (Buffaloe Road). Initial Spot Mobility right of way and utilities funds are needed for turn lane construction. File 05-17-5132-1R	\$62,000.00
Wake Co. Div. 5 SS-4905FF	WBS 47665.3.1 US 264. Initial Spot Safety construction funds are needed for I-87 route signing. File 05-17-002C	\$10,000.00

**Approval of Funds for Specific Spot Safety Improvement  
Projects And for Specific Spot Mobility Projects**

**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>
Guilford Co. Div. 7 SM-5707A	WBS 47656.1.1 US 70 (Burlington Road) at SR 4760 (Golf House Road West) east of Sedalia. Initial Spot Mobility preliminary engineering funds are needed for traffic signal installation. File 07-16-507-1P	\$3,000.00
Guilford Co. Div. 7 SM-5707A	WBS 47656.2.1 US 70 (Burlington Road) at SR 4760 (Golf House Road West) east of Sedalia. Initial Spot Mobility right of way and utilities funds are needed for traffic signal installation. File 07-16-507-1R	\$55,000.00
Guilford Co. Div. 7 SM-5707A	WBS 47656.3.1 US 70 (Burlington Road) at SR 4760 (Golf House Road West) east of Sedalia. Initial Spot Mobility construction funds are needed for traffic signal installation. File 07-16-507-1C	\$18,000.00
Forsyth Co. Div. 9 SM-5709A	WBS 47657.2.1 SR 2691 (Wallburg Road) at Business Park Drive south of Winston-Salem. Initial Spot Mobility right of way and utilities funds are needed for traffic signal installation. File 09-17-820-1R	\$30,000.00
Forsyth Co. Div. 9 SM-5709A	WBS 47657.3.1 SR 2691 (Wallburg Road) at Business Park Drive south of Winston-Salem. Initial Spot Mobility construction funds are needed for traffic signal installation. File 09-17-820-1C	\$90,000.00

**Approval of Funds for Specific Spot Safety Improvement  
Projects And for Specific Spot Mobility Projects**

**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>
Mecklenburg Co. Div. 10 SM-5710B	WBS 47659.3.1 SR 1601 (Moore's Chapel Road) at SR 1609 (Rhyne Road), and SR 1601 (Moore's Chapel Road) at I-485 ramps near Charlotte. Initial Spot Mobility construction funds are needed for roundabout installation and turn lane construction. File 10-15-231-1C	\$732,000.00
Mecklenburg Co. Div. 10 SM-5710A	WBS 47658.3.1 NC 73 (Davidson Concord Road) and SR 2427 (Ramah Church Road) near Huntersville. Initial Spot Mobility construction funds are needed for turn lane construction and traffic signal installation. File 10-13-235-1C	\$50,000.00
Mecklenburg Co. Div. 10 SM-5710C	WBS 47660.1.1 I-485 at SR 1004 (Lawyers Road) near Charlotte. Initial Spot Mobility preliminary engineering funds are needed for widening and turn lane construction. File 10-16-253-1P	\$25,000.00
Mecklenburg Co. Div. 10 SM-5710C	WBS 47660.3.1 I-485 at SR 1004 (Lawyers Road) near Charlotte. Initial Spot Mobility construction funds are needed for widening and turn lane construction. File 10-16-253-1C	\$400,000.00
Mecklenburg Co. Div. 10 SM-5710C	WBS 47660.2.1 I-485 at SR 1004 (Lawyers Road) near Charlotte. Initial Spot Mobility right of way and utilities funds are needed for widening and turn lane construction. File 10-16-253-1R	\$75,000.00

**Approval of Funds for Specific Spot Safety Improvement  
Projects And for Specific Spot Mobility Projects**

**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>
Asheville/ Buncombe Co. Div. 13 SM-5713A	WBS 47661.3.1 US 19-23 (Patton Avenue) at NC 63 (New Leicester Hwy). Initial Spot Mobility construction funds are needed for turn lane construction. File 13-15-205C	\$745,000.00
Asheville/ Buncombe Co. Div. 13 SM-5713A	WBS 47661.2.1 US 19-23 (Patton Avenue) at NC 63 (New Leicester Hwy). Initial Spot Mobility right of way and utilities funds are needed for turn lane construction. File 13-15-205R	\$5,000.00
Buncombe Co. Div. 13 SM-5713B	WBS 47662.1.1 NC 191 (Brevard Road) at NC 146 (Long Shoals Road). Initial Spot Mobility preliminary engineering funds are needed for turn lane construction. File 13-16-227-1P	\$50,000.00
Buncombe Co. Div. 13 SM-5713B	WBS 47662.2.1 NC 191 (Brevard Road) at NC 146 (Long Shoals Road). Initial Spot Mobility right of way and utilities funds are needed for turn lane construction. File 13-16-227-1R	\$280,000.00
Buncombe Co. Div. 13 SM-5713B	WBS 47662.3.1 NC 191 (Brevard Road) at NC 146 (Long Shoals Road). Initial Spot Mobility construction funds are needed for turn lane construction. File 13-16-227-1C	\$420,000.00
<b>SUMMARY</b>	<b>30 PROJECTS</b>	<b>\$5,263,000.00</b>

Board Member Lathrop abstained from voting on the Lee County Petition 51083 extended SR 1484 in Lee County.

## NCDOT October 2017 Board of Transportation

### Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 1</b>				
Currituck	51447	0.10	<b>East Point Estates Subdivision</b> East Point Estates Court	2/4/16
Pasquotank	51448	0.06 1.22	<b>Orchard Cove Subdivision</b> Kiwi Court Orchard Drive	7/26/17
Pasquotank	51449	0.38	<b>Queenswood Subdivision</b> Princess Anne Circle, SR 1259 Ext.	8/29/17
<b>Division 3</b>				
New Hanover	51450	0.03	<b>Arrowhead Subdivision</b> Lorraine Drive	8/28/17
New Hanover	51451	0.21	<b>North Hills Subdivision</b> Pages Creek Drive	8/14/17
Onslow	51452	0.68	Blue Top Road	8/10/17
Onslow	51453	0.09 0.34	<b>Bradham Place Subdivision</b> Walter Drive Mewborn Drive	8/10/17
Onslow	51454	0.13 0.06 0.04 0.38 0.04 0.09	<b>Bridgeport Subdivision</b> Deep Inlet Drive Great Harbor Court Bridgeport Drive Breakwater Drive Shallow Court Misty Cove Court	8/17/17
Onslow	51455	0.15	<b>Camden Woods Subdivision</b> Mango Place North	9/7/17
Onslow	51456	0.06	<b>Fullards Landing Subdivision</b> Grangers Court	8/14/17
Onslow	51457	0.11 0.03 0.26 0.09 0.03 0.19	<b>Monarch Meadow at Carolina Plantations Subdivision</b> Periwinkle Court Dahlia Court Dynamo Lane Dahlia Lane Mariposa Court Arabella Drive	9/1/17

## NCDOT October 2017 Board of Transportation

### Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 3</b>				
Onslow	51458		<b>The Farm at Hunters Creek Subdivision</b>	8/17/17
		0.06	Longhorn Road	
		0.17	Dairy Farm Road	
<b>Division 4</b>				
Halifax	51459		<b>Lake Shores Subdivision</b>	8/15/17
		0.04	Unnamed Road	
Johnston	51460		<b>Williams Farm Subdivision</b>	7/6/17
		0.23	Tedpace Street	
<b>Division 5</b>				
Granville	51461		<b>Preserve at Smith Creek Subdivision</b>	8/11/17
		0.32	New Grissom Way	
		0.08	Claude Court	
		0.33	Bragg Valley Lane	
<b>Division 7</b>				
Caswell	51462		<b>Caswell Pines Subdivision</b>	5/26/17
		0.99	Clubhouse Drive	
Guilford	51463		<b>Bear Creek Subdivision</b>	7/11/17
		0.37	Koala Drive	
		0.09	Polar Drive	
		0.07	Panda Court	
<b>Division 9</b>				
Davidson	51464		<b>Sunset Ridge Subdivision</b>	7/14/17
		0.55	Sunset Ridge Lane	
		0.15	Double Spring Lane	
		0.05	High Ridge Court	
		0.06	Koontz Farm Drive	
		0.05	Godfrey Court	
		0.13	Old Walnut Lane	
<b>Division 10</b>				
Union	51465		<b>Hollister Subdivision</b>	5/24/17
		0.08	Wild Laurel Court	
<b>Division 12</b>				
Lincoln	51466		<b>Lincoln County Industrial Park</b>	1/25/17
		0.43	Lincoln County Parkway, SR 2015 Ext.	
		0.41	Lincoln County Parkway, SR 2015 Ext.	
		0.24	East Powell Drive	

## NCDOT October 2017 Board of Transportation

### Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 13</b> Buncombe	51467	0.19	<b>Glen Coe Subdivision</b> Glen Coe Drive	8/11/17
Mitchell	51468	0.13	Forest Service Road	8/23/17

### Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
<b>Division 2</b> Carteret	51469	0.04	Portion of SR 1213 South Lewis Street	4/4/17
<b>Division 8</b> Montgomery	51470	0.05	SR 1229 Lilly's Bridge Road	8/17/17
<b>Division 10</b> Cabarrus	51471	0.26	Portion of SR 1138 Hickory Ridge Road	
Cabarrus	51472	0.20	SR 1163 School Circle	5/26/17
Cabarrus	51473	0.43	Portion of SR 1166 Robinson Church Road	5/26/17
Union	51474	0.35	SR 2677 Deer Creek Drive	7/21/17
		0.06	SR 2678 Doe Lane	

**Summary:**    **Number of Roads Petitioned for Addition – 46**  
                  **Number of Roads Petitioned for Abandonment – 7**

## **NCDOT October 2017 Board of Transportation**

### **Corrections:**

Division 3 – Onslow County Petition 51418:

Extended SR 2747, Sonoma Road for 0.27 miles. The correct mileage should be 0.33 miles.

Added Merin Height Road for 0.32 miles. The correct mileage should be 0.33 miles.

Added Arabella Drive 0.28 miles. The correct mileage should be 0.27 miles.

Added Solomon Drive for 0.39. The correct mileage should be 0.38 miles.

Division 8 – Hoke County Petition 51229 extended SR 1777, Maria Drive for 0.11 miles. The correct mileage should be 0.16.

Division 8 – Lee County Petition 51083 extended SR 1484, Doe Run Drive for 0.10 miles. The correct mileage should be 0.07 miles.

Division 8 – Randolph County Petition 51124 abandoned SR 1168, Bingham Loflin Road for 0.09 miles. The correct length should be 0.06.

Division 10 – Mecklenburg County Petition 51386 extended SR 2140, Stumptown Road for 0.25 miles. This was to be an addition, not an extension.

Division 11 – Petition 51263 should not have been listed on the September 2017 Agenda.



Board Member Fox abstained from voting on all transit projects (Item I).

NCDOT Board of Transportation  
Public Transportation Program

Town/County Division	5311 Capital (Amendment)	Estimated Cost	
1	<b>18-CT-025 Hyde County Non-Profit Private Transportation Corporation</b> recently became a regional system by adding Tyrrell County to their service area. They will use the Capital funds to purchase (1) 20' Light Transit Vehicle, (1) 20' Light Transit Vehicle w/Lift with (2) lettering and logos and a replacement camera system; 1 desk, filing cabinet and copier table; 2 copiers, 3 cell phones for drivers; 1 new computer system, Microsoft Office 2013, and printer for a new position; and updated accounting software.	\$ 122,790	Total
		\$ 98,232	Federal
		\$ 12,279	State
		\$ 12,279	Local
11	<b>18-CT-060</b> Jackson County: adding additional Funding for a Propane Bi-fuel Upfit for a raised roof van.	\$ 6,996	Total
		\$ 5,596	Federal
		\$ 700	State
		\$ 700	Local

**Item I - 1, 2 Project(s), Total Federal/State Funds \$ 116,807**

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

Board Member Fox abstained from voting on all transit projects (Item I).

<b>NCDOT October 2017 Board of Transportation Rail Program</b>		
<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Division 10 Mecklenburg County Y-5500JA 80000.2.1.4	The Rail Division requests reallocation of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from the Doster Private Crossing Closure (project complete) to the closure of a private at-grade crossing that serves John B. Stroup and Hazline H. Stroup; crossing number 715 338M, milepost Main 367.00 (Caldwell Park Drive). Project will also include the construction of an alternate access driveway to Caldwell Park Drive. The Department will be responsible for the construction of the project. The total estimated cost to the Department is \$1,500,000.	\$1,500,000

**SUMMARY – 1 PROJECT – \$1,500,000 (TOTAL FEDERAL AND STATE)**

Board Member Fox abstained from voting on all transit projects (Item I).

## **NCDOT October 2017 Board of Transportation**

### **Aviation Program**

#### **Town/County Division**

#### **Project Description**

##### **CONSTRUCT - TERMINAL IMPROVEMENTS - PART I**

Division 06  
Fayetteville  
Regional Airport

The airport is requesting to use their full amount of SFY 18 and SFY 19 appropriated state commercial service airport funds (\$1,139,670 per year) to match FAA Airport Improvement Program (AIP) funds. The request is to provide the airport their SFY 19 funds now, instead of waiting until SFY 19. The amount to be cash flowed early is \$1,139,670. (THIS CASH FLOW REQUEST IS FOR THE \$9,000 DIFFERENCE FROM THE APPROVED SEPTEMBER REQUEST)  
WBS 36244.27.14.1

Division 06  
Columbus County  
Municipal Airport

##### **RUNWAY 6-24 REHABILITATION**

Pavement rehabilitation of Runway 6-24 in order to prevent further deterioration of pavement condition and meet operational needs. Pavement Condition Index (PCI) is 70. [2386]

Division 13  
Marchman Field  
Rutherford County  
Airport

##### **AIRFIELD PAVEMENT REHABILITATION (RUNWAY, TAXIWAY, APRON)**

Rehabilitate airfield pavement on Runway 1-19, taxiways and apron in order to prevent further deterioration of pavement condition. Overall Pavement Condition Index (PCI) is 52. [2271]

SUMMARY – 3 PROJECTS – (TOTAL STATE and FEDERAL COST) \$4,830,000

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

Board Member Lathrop abstained from voting on WBS 47239.1.1 to replace Bridges #69 and #70; WBS 34431.3.7, US 421/NC87 from West SR 1400 to west US 1-15-501 construction; WBS 38887.2.3, funds requested for right-of-way; and WBS 47495.1.1, funds requested for preliminary engineering in Lee County.

**NCDOT October 2017 Board of Transportation  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Dare Co. Div. 1 R-3419 REGIONAL	WBS 38860.1.1 US 158 from US 64/NC 12 to eastern end of Currituck. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Carteret Co. Div. 2 AV-5746 DIVISION	WBS 46340.3.1 Michael J. Smith Field (MRH), Full parallel taxiway 8-26. \$2,843,950.00 has previously been approved for construction. Additional funds are requested.	\$108,000.00
Carteret Co. Div. 2 U-5876 STATEWIDE	WBS 44678.1.1 US 70 (Arendell Street) from 4th street to SR 1175 (Radio Island Road). Initial funds are requested for preliminary engineering.	\$300,000.00
Craven Co. Div. 2 R-5777 STATEWIDE	WBS 44648.1.1 US 70 from SR 1124 (Grantham Road) to the proposed US 70 Havelock Bypass. Initial funds are requested for preliminary engineering.	\$500,000.00
Craven Co. Div. 2 R-5777B REGIONAL	WBS 44648.1.3 US 70 at West Thurman Road / East Thurman Road. Initial funds are requested for preliminary engineering.	\$1,000,000.00

**NCDOT October 2017 Board of Transportation  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Brunswick Co. Div. 3 AV-5739 DIVISION	WBS 46333.2.1 Cape Fear Regional Airport approach clearing at Runway 5 and Runway 23. \$277,000.00 has previously been approved for right of way. Additional funds are requested.	\$31,000.00
Brunswick Co. Div. 3 AV-5739 DIVISION	WBS 46333.1.1 Cape Fear Regional Airport approach clearing at Runway 5 and Runway 23. \$55,000.00 has previously been approved preliminary engineering. Additional funds are requested.	\$7,000.00
Brunswick Co. Div. 3 AV-5742 DIVISION	WBS 46336.1.1 Odell Williamson Municipal Airport (60J), Runway Protection Zone 2 - Runway 24 land acquisition. \$69,370.00 has previously been approved for preliminary engineering. Additional funds are requested for preliminary engineering.	\$3,000.00
Brunswick Co. Div. 3 R-4462 REGIONAL	WBS 38926.1.1 US-74-76 at NC 87 (Maco Road). Initial funds are requested for preliminary engineering.	\$750,000.00
Brunswick Co. Div. 3 R-5851 STATEWIDE	WBS 47539.1.1 US 17 at NC 904. Initial funds are requested for preliminary engineering.	\$500,000.00

**NCDOT October 2017 Board of Transportation  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Brunswick Co. Div. 3 R-5857 STATEWIDE	WBS 47545.1.1 US 17 at US 17 Business. Initial funds are requested for preliminary engineering.	\$500,000.00
Sampson/ Pender/ Duplin Cos. Div. 3 I-5940 STATEWIDE	WBS 45883.1.1 I-40 from SR 1725 (Milemarker 352) In Sampson County to SR 1501 (Milemarker 388) in Pender County. Initial funds are requested for preliminary engineering.	\$100,000.00
New Hanover/ Pender Cos. Div. 3 R-3300A REGIONAL	WBS 40237.1.3 US 17 Hampstead Bypass from US 17 Bypass south of Hampstead to NC 210. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.2.1 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$73,550,000.00 has previously been approved for acquisition of specific parcels. Additional funds are requested for numerous claims. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$7,500,000.00
New Hanover Co. Div. 3 U-6080 DIVISION	WBS 47465.1.1 SR 1175 (Kerr Avenue) from Patrick Avenue to SR 1411 (Wrightsville Avenue). Initial funds are requested for preliminary engineering.	\$1,000,000.00

**NCDOT October 2017 Board of Transportation  
Approval of Strategic Transportation Investments  
Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
New Hanover Co. Div. 3 U-6083 DIVISION	WBS 47479.1.1 North 23rd Street from US 74 (Martin Luther King, Jr Parkway) to NC 133 (Castle Hayne Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Onslow Co. Div. 3 B-5944 DIVISION	WBS 47213.1.1 Replace bridge #77 over SR 1509 (Queens Creek Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Onslow Co. Div. 3 U-6065 STATEWIDE	WBS 47489.1.1 US 17 from NC 172 (Sneads Ferry Road / SR 1518 (Old Folkstone Road). Initial funds are requested for preliminary engineering.	\$750,000.00
Onslow Co. Div. 3 U-6081 DIVISION	WBS 47466.1.1 NC 53 (Western Boulevard) from SR 1308 (Gum Branch Road) to US 17 (Marine Boulevard). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Onslow Co. Div. 3 U-6082 DIVISION	WBS 47471.1.1 SR 1308 (Bell Fork Road) from SR 1403 (Country Club Road/Hargett Street). Initial funds are requested for preliminary engineering.	\$500,000.00

**NCDOT October 2017 Board of Transportation  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Pender/ New Hanover Cos. Div. 3 R-3300B REGIONAL	WBS 40237.1.2 US 17 from NC 210 to US 17 north of Hampstead. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Pender Co. Div. 3 R-5850 REGIONAL	WBS 47538.1.1 NC 53 from US 117 Bypass to Stag Park Road. Initial funds are requested for preliminary engineering.	\$500,000.00
Sampson Co. Div. 3 I-5780 STATEWIDE	WBS 53021.1.1 I-40 from east of Sampson County Line (Milemarker 340) to west of NC 403 (Milemarker 355). Initial funds are requested for preliminary engineering.	\$100,000.00
Edgecombe Co. Div. 4 U-4424 DIVISION	WBS 39062.1.2 NC 111 (Wilson Street) from US 64 Alternate (Western Boulevard) to NC 122 (McNair Road). Initial funds are requested for preliminary engineering.	\$50,000.00
Johnston Co. Div. 4 R-5795 REGIONAL	WBS 44995.1.1 US 70 from US 301 to I-95 Initial funds are requested for preliminary engineering.	\$50,000.00



**NCDOT October 2017 Board of Transportation  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Johnston Co. Div. 4 R-5817 DIVISION	WBS 46989.2.1 NC 210 at SR 1162 (Black Creek Road). Initial funds are requested for full right of way and utilities.	\$200,000.00
Smithfield/ Johnston Co. Div. 4 U-3334B DIVISION	WBS 34929.2.5 SR 1923 (Booker Dairy Road Extension) from SR 1003 (Buffalo Road) to US 301 (Brightleaf Boulevard). \$4,090,000.00 has previously been approved for right of way. Additional funds are requested for acquisition and settlement costs.	\$5,000,000.00
Johnston Co. Div. 4 U-5999 DIVISION	WBS 47117.2.1 Kellie Drive from north of SR 1923 (Booker Dairy Road) to SR 1003 (Buffalo Road). Construct roadway on new location. Initial funds are requested for full right of way and utilities.	\$400,000.00
Nash Co. Div. 4 U-2561C DIVISION	WBS 34835.1.5 NC 43 from SR 1613 (Woodruff Avenue) to I-95. Initial funds are requested for preliminary engineering.	\$50,000.00
Nash Co. Div. 4 U-5911 REGIONAL	WBS 44642.1.1 NC 48 from Red Oak / Battleboro Road to NC 4. Initial funds are requested for preliminary engineering.	\$50,000.00

**NCDOT October 2017 Board of Transportation  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Nash Co. Div. 4 U-5947 REGIONAL	WBS 46884.1.1 NC 43 (Benvenue Road) to US 64 Bypass offramp. Initial funds are requested for preliminary engineering.	\$50,000.00
Wayne Co. Div. 4 AV-5740 DIVISION	WBS 46334.1.1 Wayne Executive Jetport, (GWW), Land Acquisition. \$30,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$2,000.00
Wayne Co. Div. 4 U-5724 REGIONAL	WBS 54016.1.2 US 13 (Berkeley Boulevard) - realignment of SR 1709 (Central Heights Road) at Berkeley Boulevard. Initial funds are requested for preliminary engineering.	\$600,000.00
Wayne Co. Div. 4 U-5938 REGIONAL	WBS 46888.2.1 US 13 (Berkeley Boulevard) at SR 1003 (New Hope Road). Improve intersection. Initial funds are requested for full right of way and utilities.	\$200,000.00
Wayne Co. Div. 4 U-5997 DIVISION	WBS 47134.1.1 SR 2075 (Ash Street) from US 117 / I-795 to Virginia Street. Initial funds are requested for preliminary engineering.	\$50,000.00

**NCDOT October 2017 Board of Transportation  
Approval of Strategic Transportation Investments Funds**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wilson Co. Div. 4 I-5937 STATEWIDE	WBS 45880.1.1 I-795 from Wayne County to SR 1645 (Blalock Road). Initial funds are requested for preliminary engineering.	\$15,000.00
Wilson Co. Div. 4 I-5818 STATEWIDE	WBS 50461.1.1 I-795 from 0.2 mile north of US 301 to I-95. Initial funds are requested for preliminary engineering.	\$15,000.00
Wilson Co. Div. 4 U-5941 REGIONAL	WBS 46885.1.1 US 264 Alternate (Raleigh Road Parkway) from SR 1320 (Airport Boulevard) to east of SR 1165 (Forest Hills Road). Initial funds are requested for preliminary engineering.	\$50,000.00
Wilson Co. Div. 4 U-6000 DIVISION	WBS 47136.1.1 NC 58 from NC 42 / SR 1516 (Ward Boulevard) to SR 1165 (Forest Hills Road). Initial funds are requested for preliminary engineering.	\$50,000.00
Durham Co. Div. 5 U-5937 STATEWIDE	WBS 45945.1.1 NC 147 Durham Freeway, from SR 1445 (South Duke Street) to Briggs Avenue in Durham. Initial funds are requested for preliminary engineering.	\$200,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham/ Wake Cos. Div. 5 I-5702 STATEWIDE	WBS 46301.1.1 I-40, US 15 / US 501 in Durham County to I-40 / US 1 / US 64 in Wake County. Initial funds are requested for preliminary engineering.	\$400,000.00
Wake Co. Div. 5 I-5970 STATEWIDE	WBS 45923.1.1 I-440 / US 1 at US 401 (Capital Boulevard) in Raleigh. Initial funds are requested for preliminary engineering.	\$200,000.00
Wake Co. Div. 5 U-2901 REGIONAL	WBS 34877.1.6 NC 55 (Williams Street) from US 1 to north of SR 1160 (Olive Chapel Road) in Apex. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are requested for preliminary engineering.	\$1,300,000.00
Wake Co. Div. 5 U-2901AC REGIONAL	WBS 34877.1.5 NC 55 (Williams Street) from US 1 to Apex Peakway. Convert current multilanes to median divided sections. \$800,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$790,247.76). AC break was deleted from the STIP. WBS will be closed.	-\$790,247.76
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. Initial funds are requested for preliminary engineering.	\$200,000.00

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<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). Initial funds are requested for preliminary engineering.	\$200,000.00
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. Initial funds are requested for preliminary engineering.	\$200,000.00
Wake Co. Div. 5 U-5891 REGIONAL	WBS 44706.1.1 NC 50 (Creedmoor Road) from I-540 to north of NC 98. Initial funds are requested for preliminary engineering.	\$300,000.00
Wake Co. Div. 5 U-5967 REGIONAL	WBS 45981.1.1 Town Of Morrisville. Construct townwide ITS / Signal System. Initial funds are requested for preliminary engineering.	\$130,000.00
Wake Co. Div. 5 U-6022 REGIONAL	WBS 47148.1.1 Town of Fuquay - Varina. Construct townwide ITS / Signal Systems. Initial funds are requested for preliminary engineering.	\$325,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 U-6023 DIVISION	WBS 47149.1.1 Town of Wake Forest. Construct townwide ITS / Signal System. Initial funds are requested for preliminary engineering.	\$320,000.00
Brunswick/ Columbus Co. Div. 6 R-2561C REGIONAL	WBS 34466.4.4 NC 87 from NC 11 to US 74/76. Initial funds are requested for preliminary engineering.	\$700,000.00
Columbus Co. Div. 6 R-5013 DIVISION	WBS 41160.1.1 US 701 at NC 410 (Joe Brown Highway). Initial funds are requested for preliminary engineering.	\$120,000.00
Cumberland Co. Div. 6 I-5986B STATEWIDE	WBS 47532.1.3 I-95 from SR 1002 (Long Branch Road - Exit 71) to I-40 (Exit 81). Initial funds are requested for preliminary engineering.	\$6,000,000.00
Cumberland Co. Div. 6 U-5802A DIVISION	WBS 44374.1.2 Spring Lake Bypass from NC 210 (Lillington Highway) to NC 210 (Murchinson Road). Initial funds are requested for preliminary engineering.	\$500,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cumberland Co. Div. 6 U-5802B DIVISION	WBS 44374.1.3 Spring Lake Bypass from NC 210 (Murchison Road) to NC 87 (Bragg Boulevard). Initial funds are requested for preliminary engineering.	\$500,000.00
Harnett Co. Div. 6 I-5877 DIVISION	WBS 53077.1.2 I-95 at SR 1811 (Bud Hawkins Road) (Exit 70) and SR 1001 (Long Branch Road) (Exit 71). Initial funds are requested for preliminary engineering.	\$250,000.00
Harnett Co. Div. 6 I-5878 DIVISION	WBS 53078.1.2 I-95 at US 421 (Exit 73) and SR 1793 (Pope Road) (Exit 72). Initial funds are requested for preliminary engineering.	\$250,000.00
Harnett Co. Div. 6 I-5883 DIVISION	WBS 53083.1.2 I-95 at SR 1808 (Jonesboro Road) (Exit 75) and SR 1709 (Hodges Chapel Road) (Exit 77). Initial funds are requested for preliminary engineering.	\$250,000.00
Harnett Co. Div. 6 R-5705A DIVISION	WBS 46377.1.2 NC 55 from Church Street to Angier Town Limit. Initial funds are requested for preliminary engineering.	\$700,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Harnett Co. Div. 6 R-5705B REGIONAL	WBS 46377.1.3 NC 55 from Angier Town Limit to south of SR 2791 (Kennebec Church Road). Initial funds are requested for preliminary engineering.	\$700,000.00
Harnett Co. Div. 6 U-6052 REGIONAL	WBS 46959.1.1 US 421 (Cumberland Street) from I-95 to SR 1718 (Erwin Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Robeson Co. Div. 6 P-4900A STATEWIDE	WBS 41099.3.2 Railroad Bypass of Pembroke to allow North to South shipments to turn East. Grading and structures for new rail connector in northeast quadrant between CSX A-Line and CSX SE Line. \$8,885,000.00 has previously been approved for construction. Additional funds are requested. <b>This is a Strategic Transportation Investments Transition project.</b>	\$2,700,000.00
Pembroke/ Robeson Co. Div. 6 P-4900B STATEWIDE	WBS 41099.3.3 Railroad Bypass of Pembroke to allow North to South shipments to turn East. Realign SR 1571 (Jones Road) to accommodate railroad track realignment. \$1,125,525.00 has previously been approved for construction. Additional funds are requested. <b>This is a Strategic Transportation Investments Transition project.</b>	\$300,000.00
Robeson Co. Div. 6 R-5754 DIVISION	WBS 46414.3.1 NC 20 from NC 71 to I-95. \$2,000,000.00 has previously been approved for construction. Additional funds are requested.	\$150,000.00



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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Alamance Co. Div. 7 U-6009 REGIONAL	WBS 47144.1.1 US 70 (West Church Street) from Tarleton Avenue to Fifth Street in Burlington. Initial funds are requested for preliminary engineering.	\$400,000.00
Burlington/ Alamance Co. Div. 7 U-6010 REGIONAL	WBS 47145.1.1 US 70 (South Church Street) at SR 1226 / SR 1311 (University Drive) in Burlington. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Burlington/ Alamance Co. Div. 7 U-6011 REGIONAL	WBS 47146.1.1 US 70 (South Church Street) at SR 1158 (Huffman Mill Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Alamance Co. Div. 7 U-6013 DIVISION	WBS 47158.1.1 NC 119 from NC 54 in Swepsonville to Lowes Boulevard in Mebane. Initial funds are requested for preliminary engineering.	\$400,000.00
Alamance Co. Div. 7 U-6014 DIVISION	WBS 47159.1.1 SR 1716 (Graham - Hopedale Road) from SR 1720 (West Hanover Road) to Morningside Drive in Burlington. Initial funds are requested for preliminary engineering.	\$400,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Graham/ Alamance Co. Div. 7 U-6017 DIVISION	WBS 47162.1.1 NC 54 (East Harden Street) at NC 49 (East Elm Street) in Graham. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Guilford Co. Div. 7 I-5735 STATEWIDE	WBS 52017.1.2 I-73 from the Randolph County line to I-85 / US 421 in Greensboro. Initial funds are requested for preliminary engineering.	\$150,000.00
Guilford Co. Div. 7 I-5955 STATEWIDE	WBS 45908.1.1 I-40 from SR 4121 (High Point Road) to east of SR 3037 / SR 4240 (Gate City Boulevard) in Greensboro. Initial funds are requested for preliminary engineering.	\$150,000.00
Greensboro/ Guilford Co. Div. 7 I-5964 STATEWIDE	WBS 45914.1.1 I-40 / Business 85 / US 29 / US 70 / US 220 at Elm-Eugene Street in Greensboro. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$150,000.00
Greensboro/ Guilford Co. Div. 7 I-5965 STATEWIDE	WBS 45915.1.1 I-40 / Business 85 / US 29 / US 70 / US 220 from SR 1398 (Freeman Mill Road) to US 29 / US 70 / US 220 in Greensboro. Initial funds are requested for preliminary engineering.	\$1,000,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. Div. 7 I-5989 REGIONAL	WBS 47535.1.1 I-73 / US 421 at US 29 / US 70 / Business 85 interchange. Initial funds are requested for preliminary engineering.	\$150,000.00
Guilford Co. Div. 7 P-5700 DIVISION	WBS 46394.1.1 Norfolk Southern mainline, Norfolk Southern "Roundhouse" property. Initial funds are requested for preliminary engineering.	\$200,000.00
Guilford Co. Div. 7 P-5727 REGIONAL	WBS 47605.1.1 Norfolk Southern H Line grade separation at Wagoner Bend Road crossing (722966K) in Greensboro. Initial funds are requested for preliminary engineering.	\$800,000.00
Guilford/ Rockingham Cos. Div. 7 R-5823 DIVISION	WBS 47095.1.1 NC 65 / NC 68 from NC 65 in Stokesdale (Southernmost intersection) to US 220 / Future I-73. Initial funds are requested for preliminary engineering.	\$400,000.00
Greensboro/ Guilford Co. Div. 7 U-2525 STATEWIDE	WBS 34821.1.1 Greensboro Eastern Loop from SR 2303 (Lawndale Drive) to north of I-40/85. \$13,111,803.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This project has previously been identified as a Trust Fund Urban Loop project.</b>	\$210,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.1.5 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). \$3,951,750.00 has previously been approved for preliminary engineering. Additional funds are requested for additional design work. <b>This project has previously been identified as a Trust Fund Urban Loop project.</b>	\$450,000.00
Guilford Co. Div. 7 U-2581B DIVISION	WBS 34840.1.3 US 70 from SR 2851 (Penry Road) to SR 3056 (Rock Creek Dairy Road). Initial funds are requested for preliminary engineering.	\$2,000,000.00
Guilford Co. Div. 7 U-4015A DIVISION	WBS 35013.1.4 SR 1556 (Gallimore Dairy Road) from NC 68 to south of International Drive. Initial funds are requested for preliminary engineering.	\$400,000.00
Guilford Co. Div. 7 U-5841 DIVISION	WBS 50232.1.1 Lindell Road from Friendly Avenue in Greensboro. Initial funds are requested for preliminary engineering.	\$250,000.00
Guilford Co. Div. 7 U-5850 DIVISION	WBS 50239.1.1 SR 1007 (Randleman Road) from Elmsley Drive to Glendale Drive in Greensboro. Initial funds are requested for preliminary engineering.	\$400,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. Div. 7 U-5898 REGIONAL	WBS 44661.1.1 US 29 at NC 150. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Guilford Co. Div. 7 U-5974 REGIONAL	WBS 45962.1.1 NC 68 from SR 1523 (Hickswood Road) to SR 1556 (Gallimore Dairy Road) in High Point. Initial funds are requested for preliminary engineering.	\$400,000.00
Greensboro/ Guilford Co. Div. 7 U-6008 DIVISION	WBS 47143.1.1 SR 2085 (Bryan Boulevard) from New Garden Road at Horsepen Creek Road in Greensboro. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Guilford Co. Div. 7 U-6016 DIVISION	WBS 47161.1.1 SR 2124 (Lewiston Road) at SR 2136 (Fleming Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Guilford Co. Div. 7 U-6018 DIVISION	WBS 47163.1.1 NC 62 from SR 1154 (Kersey Valley Road) to SR 1162 (Weant Road) in Archdale. Initial funds are requested for preliminary engineering.	\$400,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. Div. 7 U-6019 DIVISION	WBS 47164.1.1 SR 2334 (Air Harbor Road) at SR 2347 (Lake Brandt Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Guilford Co. Div. 7 U-6050 DIVISION	WBS 46996.1.1 SR 1486 (East Lexington Avenue) from SR 1009 (North Main Street) to SR 1471 (Montlieu Avenue) in High Point. Initial funds are requested for preliminary engineering.	\$400,000.00
Guilford Co. Div. 7 U-6061 DIVISION	WBS 47485.1.1 NC 610 (East Fairfield Road) from SR 1009 (South Main Street) to NC 62 (Liberty Street) in High Point. Initial funds are requested for preliminary engineering.	\$400,000.00
Orange Co. Div. 7 I-5958 STATEWIDE	WBS 45910.1.1 I-40 / I-85 from west of SR 1114 (Buckhorn Road) to west of SR 1006 (Orange Grove Road). Initial funds are requested for preliminary engineering.	\$150,000.00
Orange Co. Div. 7 I-5959 STATEWIDE	WBS 45911.1.1 I-85 from west of SR 1006 (Orange Grove Road) to Durham County line. Initial funds are requested for preliminary engineering.	\$150,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Orange Co. Div. 7 I-5984 STATEWIDE	WBS 47530.1.1 I-85 at NC 86 in Hillsborough. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Orange Co. Div. 7 R-5821A REGIONAL	WBS 47093.1.2 NC 54 from SR 1006 (Orange Grove Road) to SR 1107 / SR 1937 (Old Fayetteville Road). Initial funds are requested for preliminary engineering.	\$400,000.00
Orange Co. Div. 7 R-5821B DIVISION	WBS 47093.1.3 NC 54 from SR 1006 (Orange Grove Road) to SR 1107 / SR 1937 (Old Fayetteville Road). Initial funds are requested for preliminary engineering.	\$250,000.00
Orange Co. Div. 7 U-6071 REGIONAL	WBS 47496.1.1 NC 54 at SR 1007 (Old Fayetteville Road) in Carrboro. Initial funds are requested for preliminary engineering.	\$400,000.00
Rockingham Co. Div. 7 R-5766 DIVISION	WBS 44659.1.1 NC 65 / NC 87 from west of SR 2371 (Old County Home Road) in Wentworth to US 158 / US 29 Business (Freeway Drive) in Reidsville. Initial funds are requested for preliminary engineering.	\$400,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Rockingham Co. Div. 7 R-5766A DIVISION	WBS 44659.1.2 NC 65 / NC 87 from west of SR 2371 (Old County Home Road) in Wentworth to SR 1001 (Sandy Cross Road) / SR 1998 (Wentworth Street). Initial funds are requested for preliminary engineering.	\$400,000.00
Rockingham Co. Div. 7 R-5766B DIVISION	WBS 44659.1.3 NC 65 / NC 87 from SR 1001 (Sandy Cross Road) / SR 1998 (Wentworth Street) to SR 2413 (Vance Street Extension). Initial funds are requested for preliminary engineering.	\$400,000.00
Randolph/ Guilford Cos. Div. 7/08 I-5949 STATEWIDE	WBS 45896.1.1 I-74 / US 311 from US 29 / US 70 / Business 85 to SR 1928 (Cedar Square Road) in Randolph County. Initial funds are requested for preliminary engineering.	\$397,000.00
Forsyth/ Guilford Cos. Divs. 7/9 R-2577A REGIONAL	WBS 37405.1.2 US 158 from multi-lanes north of US 421 / I-40 Business to SR 1965 (Belews Creek Road). Initial funds are requested for preliminary engineering.	\$1,250,000.00
Moore/ Scotland/ Hoke Cos. Div. 8 R-5827 DIVISION	WBS 47099.1.1 US 15 / US 501 from US 401 in Laurinburg to US 1 in Aberdeen. Initial funds are requested for preliminary engineering.	\$3,320,000.00



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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Lee Co. Div. 8 B-5976 DIVISION	WBS 47239.1.1 Replace bridge # 69 and #70 over Norfolk Southern Railroad on SR 1400 (Cumnock Road). Initial funds are requested for preliminary engineering.	\$413,000.00
Lee Co. Div. 8 R-2417AA REGIONAL	WBS 34431.3.7 US 421 / NC 87 (Sanford Bypass) from west of SR 1400 (Cumnock Road) to west of US 1-15-501. \$38,626,213.00 has previously been approved for construction. Additional funds are requested for construction. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$300,000.00
Lee Co. Div. 8 R-3830 DIVISION	WBS 38887.2.3 NC 42 from US 421 to SR 1579 (Broadway Road) in Sanford and SR 1579 from NC 42 to SR 1538 (East Harrington Avenue) in Broadway. Initial funds are requested for full right of way.	\$12,198,000.00
Lee Co. Div. 8 U-6070 REGIONAL	WBS 47495.1.1 NC 78 from US 1 to SR 1001 (Lemon Springs Road) in Sanford. Initial funds are requested for preliminary engineering.	\$2,700,000.00
Montgomery Co. Div. 8 I-5947 STATEWIDE	WBS 45894.1.1 I-73 / I-74 / US 220 from Richmond County line to Randolph County line. Initial funds are requested for preliminary engineering.	\$1,335,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Montgomery Co. Div. 8 R-2527 STATEWIDE	WBS 35572.1.1 NC 24 - 27 from NC 73 to the Troy Bypass. \$3,022,020.00 has previously been approved for preliminary engineering. Additional funds are requested for design work. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$870,000.00
Montgomery Co. Div. 8 R-5826A DIVISION	WBS 47098.1.2 NC 109 from NC 73 (North Main Street) in Mt. Gilead to SR 1127 (Hearne Farm Road). Initial funds are requested for preliminary engineering.	\$370,000.00
Montgomery Co. Div. 8 R-5826B DIVISION	WBS 47098.1.3 NC 109 from SR 1127 (Hearne Farm Road) to SR 1174 (Pee Dee Road). Initial funds are requested for preliminary engineering.	\$200,000.00
Randolph Co. Div. 8 I-5948 STATEWIDE	WBS 45895.1.1 I-73 / I-74 / US 220 from Montgomery County line to north of SR 1462 (Park Drive) in Asheboro. Initial funds are requested for preliminary engineering.	\$832,000.00
Richmond Co. Div. 8 I-5946 STATEWIDE	WBS 45892.1.1 I-73 / I-74 from US 220 south of Ellerbe to Montgomery County line. Initial funds are requested for preliminary engineering.	\$518,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Scotland Co. Div. 8 R-5801 REGIONAL	WBS 46883.1.1 US 15 / US 501 to NC 144 intersection. Initial funds are requested for preliminary engineering.	\$54,000.00
Davidson Co. Div. 9 AV-5749 DIVISION	WBS 46343.2.1 Davidson County Airport. Install 6 medium intensity runway approach lighting systems with runway alignment indicator lights across I-85, including interchange lighting. \$611,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$69,000.00
Davidson Co. Div. 9 R-4734 REGIONAL	WBS 38954.1.1 NC 109 from NC 109 in Denton to I-85 in Thomasville. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Davidson Co. Div. 9 U-5902 DIVISION	WBS 44725.1.1 NC 150 from US 64 to the Forsyth County line. Initial funds are requested for preliminary engineering.	\$750,000.00
Davie Co. Div. 9 R-5854 DIVISION	WBS 47542.1.1 SR 1410 (Farmington Road) at I-40 eastbound ramp and US 158 intersection. Initial funds are requested for preliminary engineering.	\$400,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Davie Co. Div. 9 R-5862B REGIONAL	WBS 47549.1.3 US 64 from the Davie County Line to US 29 / US 52 / US 70 / Business 85 in Lexington. Initial funds are requested for preliminary engineering.	\$2,000,000.00
Forsyth/ Davie Cos. Div. 9 U-6076 REGIONAL	WBS 47519.1.1 US 158 from SR 1630 (Baltimore Road) to SR 1103 (Lewisville - Clemmons Road) in Clemmons. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Forsyth Co. Div. 9 B-5948 DIVISION	WBS 47214.1.1 Replace bridge #211 over Norfolk Southern Railroad on SR 2377 (Old Greensboro Road NE) in Winston Salem. Initial funds are requested for preliminary engineering.	\$150,000.00
Forsyth Co. Div. 9 I-5988 REGIONAL	WBS 47534.1.1 I -40 at US 52 / US 311 / NC 8 in Winston Salem. Initial funds are requested for preliminary engineering.	\$2,000,000.00
Forsyth Co. Div. 9 R-2247 STATEWIDE	WBS 34409.1.1 Winston Salem Northern Beltway from US 158 to US 52. \$15,365,674.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This project has previously been identified as a Trust Fund Urban Loop project.</b>	\$175,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford/ Forsyth Cos. Divs. 7/9 R-2577B REGIONAL	WBS 37405.1.3 US 158 from SR 1965 (Belews Creek Road) to SR 2034 (Anthony Road) in Guilford County. Initial funds are requested for preliminary engineering.	\$1,100,000.00
Forsyth Co. Div. 9 U-2826 STATEWIDE	WBS 34871.1.3 US 52 / NC 8 from south of SR 2747 (Clemmons Road) to future I-74 (Winston – Salem Northern Beltway). Initial funds are requested for preliminary engineering.	\$2,000,000.00
Forsyth Co. Div. 9 U-6059 STATEWIDE	WBS 47483.1.1 US 421 / NC 150 (Salem Parkway) at SR 2662 (Linville Road) in Winston Salem. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Forsyth Co. Div. 9 U-6063 DIVISION	WBS 47487.1.1 New route from Peters Creek Parkway to 4th Street in Winston-Salem. Initial funds are requested for preliminary engineering.	\$450,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Forsyth Co. Div. 9 U-6077 DIVISION	WBS 47524.1.1 SR 4315 (Kernersville Road) from SR 2632 (Sedge Garden Road) in Winston-Salem to Harmon Creek Road in Kernersville. Initial funds are requested for preliminary engineering.	\$750,000.00
Forsyth Co. Div. 9 U-6079 DIVISION	WBS 47526.1.1 SR 2578 (Martin Luther King Jr. Boulevard) from extension of Martin Luther King Jr. Boulevard, Northwest Boulevard to SR 1770 (North Marshall Street) in Winston Salem. Initial funds are requested for preliminary engineering.	\$750,000.00
Rowan Co. Div. 9 U-6062 DIVISION	WBS 47486.1.1 SR 2739 (North Main Street / South Main Street) from SR 2000 (Jackson Park Road) / North Loop Road in Kannapolis to SR 1211 (Kimball Road) in China Grove. Initial funds are requested for preliminary engineering.	\$750,000.00
Cabarrus Co. Div. 10 U-3415A DIVISION	WBS 35652.1.3 SR 1394 (Poplar Tent Road) from SR 1445 (Derita Road) to George Liles Parkway. Initial funds are requested for preliminary engineering	\$1,500,000.00
Cabarrus/ Mecklenburg Cos. Div. 10 U-6032 DIVISION	WBS 46965.1.1 SR 2464 (Odell School Road) from I-485 to Concord Mills Boulevard. Initial funds are requested for preliminary engineering.	\$1,050,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mecklenburg Co. Div. 10 I-5770 STATEWIDE	WBS 53012.1.1 I-85 from 0.7 mile north of the Gaston County line to 0.1 mile north of SR 5901 (Billy Graham Parkway). Initial funds are requested for preliminary engineering.	\$480,000.00
Mecklenburg Co. Div. 10 I-5798 STATEWIDE	WBS 50442.1.1 I-485 from I-85 to Rocky River Road. Initial funds are requested for preliminary engineering.	\$415,000.00
Mecklenburg Co. Div. 10 I-5825 STATEWIDE	WBS 50468.1.1 I-77 / US 21 from SR 1577 (Tyvola Road) to I-277 in Charlotte. Initial funds are requested for preliminary engineering.	\$340,000.00
Mecklenburg Co. Div. 10 U-6069 REGIONAL	WBS 47494.1.1 US 21 (Statesville Road) from NC 24 (Harris Boulevard) to SR 2136 (Gilead Road). Initial funds are requested for preliminary engineering.	\$1,500,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Avery Co. Div. 11 R-2520A DIVISION	WBS 35574.1.3 US 19E - NC 194 from multi-lanes east of Spruce Pine in Mitchell County to SR 1106 (Mullin Hill Road). Initial funds are requested for preliminary engineering.	\$4,430,000.00
Caldwell Co. Div. 11 R-3430 DIVISION	WBS 34544.1.2 SR 1001 (Connelly Springs Road) from Catawba River to SR 1933 (South-West Boulevard) in Lenoir. Initial funds are requested for preliminary engineering.	\$2,000,000.00
Watauga/ Avery Cos. Div. 11 R-2566BA DIVISION	WBS 37512.1.4 NC 105 - Construct new bridge over Watauga River and left-turn lane at SR 1112 (Broadstone Road) - within the limits of R-2566B. Initial funds are requested for preliminary engineering.	\$1,500,000.00
Catawba Co. Div. 12 I-5915 STATEWIDE	WBS 45919.1.1 I-40 from Milemarker 132.9 to Milemarker 138.6. Initial funds are requested for preliminary engineering.	\$650,000.00
Catawba Co. Div. 12 I-5991 STATEWIDE	WBS 47537.1.1 I-40 from US 321 (Exit 123) to SR 1476 (Fairgrove Church Road - Exit 128). Initial funds are requested for preliminary engineering.	\$500,000.00



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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Lincoln/ Catawba Cos. Div. 12 R-2307A REGIONAL	WBS 37944.1.3 NC 150 from relocated NC 16 (TIP project R-2206) to SR 1902 (Harvel Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Catawba Co. Div. 12 R-3100A REGIONAL	WBS 34522.2.3 NC 16 from north of SR 1814 (Caldwell Road) to SR 1895 (Tower Road). \$348,323.00 has previously been approved for specific parcels. Additional funds are requested for specific parcels. <b>This project has previously been identified as a Trust Fund Specific State Funds for Construction project.</b>	\$130,000.00
Catawba Co. Div. 12 U-2307B DIVISION	WBS 34791.1.9 East Side Thoroughfare (Mcdonald Parkway), SR 1453 (Springs Road) to NC 127. Initial funds are requested for preliminary engineering.	\$2,000,000.00
Cleveland Co. Div. 12 U-5775 REGIONAL	WBS 50186.2.1 US 74 Business (Marion Street) at intersection of US 74 Business (Marion Street) and NC 150 (Cherryville Road). Initial funds are requested for full right of way and utilities.	\$360,000.00
Gaston/ Cleveland Cos. Div. 12 I-5985 STATEWIDE	WBS 47531.1.1 I-85 from US 74 to South Carolina Line. Initial funds are requested for preliminary engineering.	\$2,000,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Gaston Co. Div. 12 U-6038 DIVISION	WBS 46974.1.1 US 74 (Wilkinson Boulevard) from NC 7 (Catawba Street) to SR 2209 (Wesleyan Drive). Initial funds are requested for preliminary engineering.	\$111,000.00
Gaston Co. Div. 12 U-6044 DIVISION	WBS 46986.1.1 SR 2200 (Cox Road) from I-85 to US 29/74. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Gaston Co. Div. 12 U-6078 DIVISION	WBS 47525.1.1 NC 275 at intersection of NC 275 and NC 274, intersection of NC 275 and SR 1327 (Fairview Road), and intersection of SR 1456 (White Jenkins Road) and SR 1327 (Fairview Road). Initial funds are requested for preliminary engineering.	\$200,000.00
Iredell Co. Div. 12 U-5963 REGIONAL	WBS 45977.1.1 NC 115 (Mecklenburg Highway) from SR 1135 (Waterlynn Road) to Yellow Wood Drive. Initial funds are requested for preliminary engineering.	\$75,000.00
Lincoln Co. Div. 12 R-5859 DIVISION	WBS 47547.1.1 NC 16 Business from NC 73 to SR 1389 (Fairfield Forest Road). Initial funds are requested for preliminary engineering.	\$500,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Buncombe Co. Div. 13 I-4409 STATEWIDE	WBS 38714.1.2 I-40 - SR 2500 (Blue Ridge Road) at Black Mountain. Initial funds are requested for preliminary engineering.	\$2,400,000.00
Buncombe Co. Div. 13 U-5972 REGIONAL	WBS 45960.1.1 NC 63 (New Leicester Highway) from US 19/23 (Patton Avenue) to Newfound Road. Initial funds are requested for preliminary engineering.	\$4,260,000.00
Buncombe Co. Div. 13 U-6046 REGIONAL	WBS 46992.1.1 NC 81 (Swannanoa River Road) from US 70 (Tunnel Road) to US 74 (South Tunnel Road). Initial funds are requested for preliminary engineering.	\$3,443,000.00
Burke Co. Div. 13 I-5990 DIVISION	WBS 47536.1.1 I-40 at Exit 118 - SR 1761 (Old NC 10). Initial funds are requested for preliminary engineering.	\$2,010,000.00
Burke Co. Div. 13 U-5978 REGIONAL	WBS 46906.1.1 NC 181 from SR 1440 to SR 1419. Initial funds are requested for preliminary engineering.	\$2,760,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
McDowell Co. Div. 13 R-0204E DIVISION	WBS 34329.1.4 US 221-NC 226 (Marion Bypass) from I-40 to SR 1153 (Goose Creek Road). Initial funds are requested for preliminary engineering.	\$1,000,000.00
Mitchell Co. Div. 13 R-5804 REGIONAL	WBS 46882.1.1 NC 226 from Blueridge Parkway to SR 1274 (Summit Avenue). Initial funds are requested for preliminary engineering.	\$4,380,000.00
Yancey Co. Div. 13 R-2519A REGIONAL	WBS 35609.3.1 US 19 east from SR 1336 (Jacks Creek Road) to NC 80 in Yancey County. \$53,387,301.00 has previously been approved for construction. Additional funds are requested to cover a construction claim. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$750,000.00
Cherokee Co. Div. 14 R-3622B REGIONAL	WBS 38068.3.6 NC 294 From SR 1130 (Sunny Point Road) to SR 1312 (Bear Paw Road). \$7,700,000.00 has previously been approved for construction. Additional funds are requested. <b>This is a Strategic Transportation Investments Transition project.</b>	\$845,000.00
Haywood Co. Div. 14 I-5834 STATEWIDE	WBS 53040.1.1 I-40 from 0.4 mile east of SR 1366 (Orchard Cove Road) to 0.4 mile east of SR 1535 (Thompson Cove Road). Initial funds are requested for preliminary engineering.	\$500,000.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Henderson Co. Div. 14 I-4400B STATEWIDE	WBS 34232.1.3 I-26 from US 64 (Exit 49) to US 25 Business (Exit 44). Initial funds are requested for preliminary engineering.	\$700,000.00
Statewide R-9999WM Statewide	WBS 34634.1.5 Improvements to NCDOT'S wetland prediction model. Initial funds are requested for preliminary engineering (GIS based Regional Model).	\$500,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	46 PROJECTS	\$39,702,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	49 PROJECTS	\$44,121,752.24
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	70 PROJECTS	\$58,962,000.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>165 PROJECTS</b>	<b>\$142,785,752.24</b>

**NCDOT October 2017 Board of Transportation  
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**Division 1**

**Enhancement**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Divisionwide	34634.2.1, STP-000S(641)	\$100,000.00	Cost
R-9999A	Division 1 - Environmental Mitigation and Minimization.	\$80,000.00	Fed.
STATEWIDE	\$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed for FY 2017-2018 allocation.	\$20,000.00	State

**Rural**

Currituck Co.	34470.1.TA1, BRSTP-000S(494)	\$2,500,000.00	Cost
R-2576	Mid-Currituck Bridge from Coinjock to Corolla. \$29,908,915.00	\$2,000,000.00	Fed.
DIVISION	has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate for the NC Turnpike Authority Work Plan.	\$500,000.00	State

**NCDOT October 2017 Board of Transportation  
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**Division 2**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Greenville/ Pitt Co. U-2817 DIVISION	34868.1.FD3, STP-1700(015) SR 1700 (Evans Street and Old Tar Road) from SR 1711 (Worthington Road) in Winterville to US 264A (Greenville Boulevard). \$350,000.00 has previously been approved for preliminary engineering. Additional funds are requested for planning and environmental documents.	\$1,500,000.00 Cost \$1,200,000.00 Fed. \$300,000.00 State

**Safety**

Greene Co. W-5601FR REGIONAL	50138.1.175, HSIP-0123(004) NC 123 at SR 1400 (Fourway Road / Ormondsville Road). \$5,000.00 has previously been approved for preliminary engineering. Additional funds are needed to complete design work.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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**NCDOT October 2017 Board of Transportation  
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**Division 3**

**Enhancement**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Divisionwide R-9999C DIVISION	34634.2.3, STP-000S(643) Division 3 - Environmental Mitigation and Minimization. \$400,000.00 has previously been approved for preliminary engineering. Additional funds are needed for FY 2017-2018 allocation.	\$100,000.00 \$80,000.00 \$20,000.00	Cost Fed. State
Sampson Co. ER-5600CB REGIONAL	46305.3.23, STP-0332(064) Plant bed installation at the NC 50 roundabout in Newton Grove. \$65,000.00 has previously been approved for construction. Additional funds are needed for change in scope of work.	\$55,421.00 \$44,336.00 \$11,085.00	Cost Fed. State

**Urban**

Brunswick Co. U-4738 REGIONAL	40114.1.2, STPNHF-0017(150) Cape Fear crossing from US 17 to US 421 Independence Boulevard-Carolina Beach Road Intersection. \$1,709,858.00 has previously been approved for preliminary engineering. Additional funds are requested from STBGDA for Wilmington MPO.	\$937,500.00 \$750,000.00 \$187,500.00	Cost Fed. State
Wilmington/ New Hanover Co. U-5534T DIVISION	44096.1.22, STBGDA-0396(003) Install traffic signal preemption equipment at 27 intersections throughout the City of Wilmington and install equipment on existing fire apparatus. Funds are needed for preliminary engineering.	\$81,000.00 \$64,800.00 \$16,200.00	Cost Fed. Local



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**Division 3 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Brunswick Co. W-5203Y DIVISION	45333.3.25, HSIP-1115(020) SR 1115 (Stone Chimney Road / Old Ferry Connection Road) from NC 211 to dead end. Construction funds are needed for safety improvements.	\$1,900,000.00 \$1,710,000.00 \$190,000.00	Cost Fed. State

**Rail Program**

Magnolia/ Duplin Co. Y-5500CA DIVISION	45533.3.9, RR-0332(133) Permanent closure of Bleeker Street at-grade Crossing CSX #629 043K, Mile Post AC196.63, and signals at Sandy Street at-grade Crossing CSX #629 044S, Mile Post AC196.82 in Magnolia, Duplin County, NC. Construction funds are needed for permanent closure of at-grade crossing.	\$65,000.00 \$58,500.00 \$6,500.00	Cost Fed. State
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**NCDOT October 2017 Board of Transportation  
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**Division 4**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Johnston Co.	53022.3.1, NHPIM-0040(050)	\$6,550,000.00 Cost
I-5781	I-40 from SR 1010 (Cleveland Road) to west of SR 1211	\$5,240,000.00 Fed.
STATEWIDE	(Morgan Road). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 17, 2017.	\$1,310,000.00 State

**Enhancement**

Divisionwide	34634.2.4, STP-000S(644)	\$100,000.00 Cost
R-9999D	Division 4 - Environmental Mitigation and Minimization.	\$80,000.00 Fed.
DIVISION	\$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed for FY 2017-2018 allocation.	\$20,000.00 State

**Safety**

Johnston Co.	50056.2.1, HSIP-0070(163)	\$5,000,000.00 Cost
W-5600	US 70 Business to Neuse River Bridge, Convert to Freeway	\$4,000,000.00 Fed.
REGIONAL	with interchanges at SR 1501 (Swift Creek Road) and SR 1919 (Wilson's Mills Road). Funds are needed for full right of way and utilities.	\$1,000,000.00 State

**Rail Program**

Halifax Co.	44803.1.12, RR-1641(005)	\$30,000.00 Cost
Z-5700DB	Railway-Highway Grade Crossing Safety Project. SR 1641	\$27,000.00 Fed.
DIVISION	(County Club Road) at the CSX Crossing #629 653T near Weldon, Halifax County. Funds are needed for preliminary engineering.	\$3,000.00 State

**NCDOT October 2017 Board of Transportation  
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**Division 5**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham Co. C-5572 EXEMPT	46401.3.1, CMS-0505(075) West Ellerbe Creek Greenway, Construction Phase II, Westover Park to Stadium Drive Rail in Durham. \$1,440,240.00 has previously been approved for construction. Additional funds are needed for change in scope of work.	\$479,588.00 Cost \$383,670.00 Fed. \$95,918.00 Local
Wake Co. C-5604IA EXEMPT	43714.3.3, CMS-0540(032) Panther Creek Greenway, construct 10 foot wide asphalt trail and 90 foot bridge across Panther Creek and connections to adjacent neighborhoods, grade separated crossing of I-540 and at Green Level Church Road. Construction funds are needed to construct asphalt trail.	\$1,257,300.00 Cost \$1,005,840.00 Fed. \$251,460.00 Local

**Enhancement**

Divisionwide R-9999E DIVISION	34634.2.5, STP-000S(645) Division 5 - Environmental Mitigation and Minimization. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed for FY 2017-2018 allocation.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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**Urban**

Durham Co. U-4445 DIVISION	36726.3.1, STPNHS-0147(002) NC 147 (Durham Freeway) near Alston Avenue. \$1,911.639.00 has previously been approved for construction. Additional funds are needed by city contract for a pedestrian bridge replacement.	\$38,335.00 Cost \$30,668.00 Fed. \$7,667.00 State
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**NCDOT October 2017 Board of Transportation  
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**Division 5 (Continued)**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cary/ Wake Co. U-5501B DIVISION	45488.2.4, STBGDA-1650(007) SR 1650 (Reedy Creek Road) from 600 feet south of Watts Pond Lane to NE Maynard Road. Funds are needed for full right of way and utilities.	\$605,000.00 \$484,000.00 \$121,000.00	Cost Fed. Local
Wake Co. U-5927A DIVISION	44796.3.2, STPDA-2768(003) SR 2768 / SR 5056 (North Judd Parkway North East) from SR 3736 (Old Honeycutt Road) to North of Intersection of SR 5056 (North Judd Parkway North East) and SR 1402 (East Broad Street). Construction funds are needed to provide additional capacity and improve safety.	\$2,310,000.00 \$1,686,300.00 \$623,700.00	Cost Fed. Local

**Bridge**

Granville Co. B-5320 DIVISION	46034.2.1, BRZ-1139(004) Replace Bridge #96 over the Tar River on SR 1139. Funds are needed for full right of way and utilities.	\$300,000.00 \$240,000.00 \$60,000.00	Cost Fed. State
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**Safety**

Durham Co. W-5707C STATEWIDE	44853.3.3, HSIP-0040(055) I-40 westbound at US 15-501 south of Durham in Orange and Durham Counties. Funds are needed for construction for safety improvements.	\$175,000.00 \$157,500.00 \$17,500.00	Cost Fed. State
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**NCDOT October 2017 Board of Transportation  
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**Division 6**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cumberland Co. W-5601FN DIVISION	50138.2.171, HSIP-1108(019) SR 1108 (Lakewood Drive) at SR 3670 (Middleton Court) and SR 3671 (Lullwater Drive). Funds are needed for full right of way and utilities.	\$90,000.00	Cost
		\$81,000.00	Fed.
		\$9,000.00	State

**Rail Program**

Maxton/ Robeson Co. Y-5500FC DIVISION	45533.3.13, RR-0630(004) Permanent closure of Third Street at-grade crossing CSX #630 976K, Milepost SE276.28 and signals at Malloy Street at-grade Crossing CSX #630 952W, SE275.44 and First Street at-grade Crossing CSX #630 975D, SE276.1 in Maxton, Robeson County, NC. Construction funds are needed for permanent closure of at-grade crossing.	\$200,000.00	Cost
		\$160,000.00	Fed.
		\$40,000.00	State

**Rural**

Robeson Co. R-5752 DIVISION	53088.3.1, HSIP-0074(170) US 74 at SR 2220 (Broadbridge Road) convert at-grade intersection to interchange and SR 2225(Creek Road). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 17, 2017. This is a two (2) year <b>Cash Flow</b> project with \$2,875,000 in FY 18; and \$2,875,000 in FY 19.	\$5,750,000.00	Cost
		\$4,650,000.00	Fed.
		\$1,100,000.00	State

**NCDOT October 2017 Board of Transportation  
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**Division 7**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Hillsborough/ Orange Co. C-5184 EXEMPT	46243.3.3, CMS-0711(014) Hillsborough-Riverwalk Trail - Phase III construct a paved off-road trail along Eno River connecting River Park Gold Park and the Occoneechee Mountain State natural area. Construction funds are needed for paved off-road trail.	\$486,000.00 Cost \$388,800.00 Fed. \$97,200.00 Local
Hillsborough/ Orange Co. C-5184 EXEMPT	46243.1.1, CMS-0711(014) Hillsborough-Riverwalk Trail - Phase III construct a paved off-road trail along Eno River connecting River Park Gold Park and the Occoneechee Mountain State natural area. \$87,200.00 has previously been approved for preliminary engineering. Additional funds are requested to complete design work.	\$15,000.00 Cost \$12,000.00 Fed. \$3,000.00 Local

**Urban**

Carrboro/ Orange Co. U-4726DD DIVISION	36268.3.35, STPDA-0702(022) Rogers Road sidewalk from Homestead Road to Meadow Run Court. Construction funds are needed for sidewalks.	\$575,972.00 Cost \$460,777.00 Fed. \$115,195.00 Local
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**Bridge**

Guilford Co. B-4958 DIVISION	40150.2.1, BRZ-2128(002) Replace Bridge #106 over Reed Fork Creek on SR 2128. Funds are needed for full right of way and utilities.	\$40,000.00 Cost \$32,000.00 Fed. \$8,000.00 State
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**NCDOT October 2017 Board of Transportation  
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**Division 7 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Rockingham Co. B-4805 DIVISION	38575.2.1, BRZ-2406(002) Replace Bridge #9 over a prong of Troublesome Creek on SR 2406. Funds are needed for full right of way and utilities.	\$75,000.00 \$60,000.00 \$15,000.00	Cost Fed. State
Rockingham Co. B-5715 DIVISION	45671.1.1, BRZ-2351(002) Replace Bridge #17 over Haw River on SR 2351. \$175,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$30,000.00 \$24,000.00 \$6,000.00	Cost Fed. State
Rockingham Co. B-5715 DIVISION	45671.2.1, BRZ-2351(002) Replace Bridge #17 over Haw River on SR 2351. Funds are needed for full right of way and utilities.	\$40,000.00 \$32,000.00 \$8,000.00	Cost Fed. State

**Safety**

Guilford Co. W-5707F DIVISION	44853.3.6, HSIP-2269(001) SR 2269 (Alcorn Road) at SR 2131 (Northwest School Road) north of Greensboro. Construction funds are needed for safety improvements.	\$12,000.00 \$10,800.00 \$1,200.00	Cost Fed. State
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**Division 7 (Continued)**

**Bicycle and Pedestrian**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Orange Co. U-4726DF DIVISION	36268.3.27, STPDA-0702(024) Bicycle Detection at signalized intersections. Funds are needed for construction for the installation of in-pavement bike loop detectors at signalized intersections.	\$18,975.00 Cost \$15,180.00 Fed. \$3,795.00 Local



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**Division 8**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Hoke Co.	44854.2.1, HSIP-0015(055)	\$50,000.00	Cost
W-5708A	US 15 / 501 at SR 1225 (Ashemont Road). Funds are needed	\$45,000.00	Fed.
REGIONAL	for full right of way and utilities.	\$5,000.00	State

**Rail Program**

Chatham Co.	45533.1.14, RR-2141(002)	\$20,000.00	Cost
Y-5500HA	Closure of SR 2141 (B Beal Road) At-Grade Crossing; Norfolk	\$18,000.00	Fed.
DIVISION	Southern #721 039U, in Chatham County. Funds are needed for preliminary engineering.	\$2,000.00	State

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**Division 9**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Divisionwide	50138.3.244, HSIP-000S(891)	\$115,600.00	Cost
W-5601II	Install Severe Duty Impact Attenuator on multiple routes	\$104,040.00	Fed.
STATEWIDE	in Division 9. Construction funds are needed for safety improvements.	\$11,560.00	State

**Rural**

Forsyth Co.	44919.3.3, TAP-0918(112)	\$110,850.00	Cost
R-5789B	ADA (Americans with Disabilities Act) Curb Ramps at various	\$88,680.00	Fed.
DIVISION	locations with a population of >5,000. Funds are needed for construction to install or upgrade ADA ramps.	\$22,170.00	State
Forsyth Co.	44919.3.4, TAP-0918(113)	\$44,563.00	Cost
R-5789C	ADA (Americans with Disabilities Act) Curb Ramps at various	\$35,650.00	Fed.
DIVISION	location with a population of <5,000. Funds are needed for construction to install or upgrade ADA ramps.	\$8,913.00	State

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**Division 10**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Charlotte/ Mecklenburg Co. C-5542 EXEMPT	51012.3.F1, CMS-1003(124) South Tryon Street from Queen Anne Drive to Nations Ford Road. \$395,000.00 has previously been approved for construction. Additional funds are requested.	\$502,362.00 Cost \$251,181.00 Fed. \$251,181.00 Local

**Enhancement**

Divisionwide R-9999J DIVISION	34634.2.10, STP-000S(650) Division 10 - Environmental Mitigation and Minimization. \$400,000.00 has previously been approved for preliminary engineering. Additional funds are needed for FY 2017-2018 allocation.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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**Bridge**

Stanly Co. B-5800 DIVISION	45754.3.1, BRZ-1253(005) Replace Bridge #160 over Ramsey Branch on SR 1253. Construction funds are needed for bridge replacement.	\$900,000.00 Cost \$720,000.00 Fed. \$180,000.00 State
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**Safety**

Anson Co. W-5710P STATEWIDE	44856.1.16, HSIP-0052(055) US 52 / US 74 / NC 742 (Andrew Jackson Highway) and SR 1472 (Salisbury Court / Main Street) in Wadesboro. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
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**NCDOT October 2017 Board of Transportation  
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**Division 10 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cabarrus Co. W-5601EB STATEWIDE	50138.3.129, HSIP-0049(035) NC 49 at SR 1157 (Old Charlotte Road) near Concord. \$739,444.00 has previously been approved for construction. Additional construction funds are needed for safety improvements.	\$200,000.00 \$180,000.00 \$20,000.00	Cost Fed. State
Cabarrus Co. W-5710C DIVISION	44856.2.3, HSIP-2180(003) SR 2180 (Lane Street / Jackson Park Road) from US Main Street to a point just west of I-85 Ramps. Construction funds are needed for safety improvements.	\$50,000.00 \$45,000.00 \$5,000.00	Cost Fed. State
Mecklenburg Co. W-5601IK STATEWIDE	50138.3.246, HSIP-0485(045) I-485 Outer Loop Ramp at NC 16 in Charlotte. Construction funds are needed for safety improvements.	\$200,000.00 \$180,000.00 \$20,000.00	Cost Fed. State
Mecklenburg Co. W-5710R REGIONAL	44856.1.18, HSIP-0051(033) NC 51 from Park Road to Carmel Road in Pineville and Charlotte. Funds are needed for preliminary engineering.	\$400,000.00 \$360,000.00 \$40,000.00	Cost Fed. State

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

**Division 10 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Mecklenburg Co. W-5710S DIVISION	44856.1.19, HSIP-2108(002) SR 2108 (Sunset Avenue) and SR 2019 (Peachtree Road) near Charlotte. Funds are needed for preliminary engineering.	\$50,000.00 \$45,000.00 \$5,000.00	Cost Fed. State
Albemarle/ Stanly Co. W-5710D REGIONAL	44856.2.4, HSIP-0024(081) NC 24 / 27 and SR 1258 (Newt Road). Funds are needed for full right of way and utilities.	\$45,000.00 \$40,500.00 \$4,500.00	Cost Fed. State
Union Co. W-5210O DIVISION	45340.2.FD15, HSIP-1365(003) SR 1365 (Stallings Road) and SR 1367 (Matthews Indian Trail Road) in Stallings. \$150,000.00 has previously been approved for right of way and utilities. Additional funds are needed.	\$93,000.00 \$83,700.00 \$9,300.00	Cost Fed. State
Union Co. W-5710Q REGIONAL	44856.1.17, HSIP-0205(004) NC 205 / NC 218. Funds are needed for preliminary engineering.	\$150,000.00 \$135,000.00 \$15,000.00	Cost Fed. State

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

**Division 11**

**Enhancement**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Divisionwide	34634.2.11, STP-000S(651)	\$100,000.00	Cost
R-9999K	Division 11 - Environmental Mitigation and Minimization.	\$80,000.00	Fed.
STATEWIDE	\$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed for FY 2017-2018 allocation.	\$20,000.00	State

**Safety**

Divisionwide	50138.3.205, HSIP-000S(845)	\$1,600,000.00	Cost
W-5601GV	Upgrade guardrail end units at various locations. Construction	\$1,440,000.00	Fed.
STATEWIDE/ REGIONAL	funds are needed for safety improvements.	\$160,000.00	State
Surry Co.	50138.3.206, HSIP-000S(844)	\$525,000.00	Cost
W-5601GW	Upgrade guardrail end units at various locations. Construction	\$472,500.00	Fed.
STATEWIDE/ REGIONAL	funds are needed for safety improvements.	\$52,500.00	State
Wilkes Co.	50095.3.1, HSIP-0421(081)	\$2,900,000.00	Cost
W-5521	US 421 near SR 1301 (Fall Creek Road). Construction funds	\$2,610,000.00	Fed.
STATEWIDE	are needed for safety improvements.	\$290,000.00	State

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

**Division 12**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cleveland Co.	44858.2.1, HSIP-0180(006)	\$800,000.00	Cost
W-5712A	NC 180 (South Post Road) at SR 2202 (Beam Road / Joe's	\$720,000.00	Fed.
REGIONAL	Lake Road). Funds are needed for full right of way and utilities.	\$80,000.00	State

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

**Division 13**

**Enhancement**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Divisionwide R-9999M STATEWIDE	34634.2.13, STP-000S(653) Division 13 - Environmental Mitigation and Minimization. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed for FY 2017-2018 allocation.	\$100,000.00 \$80,000.00 \$20,000.00	Cost Fed. State
Forest City/ Rutherford Co. ER-5600MA DIVISION	46305.3.40, STBG-0074(207) US 74 and US 221A interchange. Construction funds are needed for landscape enhancement.	\$303,000.00 \$242,400.00 \$60,600.00	Cost Fed. State

**Safety**

Buncombe Co. W-5713L REGIONAL	44861.2.12, HSIP-0191(017) NC 191 (Brevard Road) at NC 146 (Long Shoals Road). Funds are needed for full right of way and utilities.	\$280,000.00 \$252,000.00 \$28,000.00	Cost Fed. State
Madison Co. W-5713N REGIONAL	44861.3.14, HSIP-0025(042) US 25 / 70 at SR 1582 (Long Branch Road) near Marshall. Construction funds are needed for safety improvements.	\$263,000.00 \$236,700.00 \$26,300.00	Cost Fed. State



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

**Division 14**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Fletcher/ Henderson Co. U-5872 EXEMPT	46415.3.1, STPDA-0025(037) US 25 (Hendersonville Road) from SR 1545 (Cane Creek Road) to SR 1006 (Howard Gap Road). Construction funds are needed for roadway improvements.	\$1,944,000.00 \$1,555,200.00 \$388,800.00	Cost Fed. Local

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

**Statewide**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Statewide C-4902A EXEMPT	44002.1.2, CMS-000S(732) North Carolina State University - NC Solar Clean Fuel Advanced Technology Program-Phase III. \$5,940,220.00 has previously been approved for preliminary engineering. Additional funds are needed to develop and administer a clean fuel advanced technology rebate program.	\$359,725.00 \$287,780.00 \$71,945.00	Cost Fed. Local
Statewide C-5600K DIVISION	50061.1.12, CMAQ-0085(035) I-85 Integrated Corridor Management System. Funds are needed for preliminary engineering.	\$800,000.00 \$640,000.00 \$160,000.00	Cost Fed. State

**Safety**

Statewide Z-5700EA REGIONAL	44803.3.10, HSIP-000S(894) SYSTEMIC Project: All open public railroad grade crossings at paved state-maintained roads in Division 5 and Division 6. Construction funds are needed for safety improvements.	\$330,000.00 \$297,000.00 \$33,000.00	Cost Fed. State
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**Planning and Research**

Statewide M-0526 STATEWIDE	47625.1.1, SHRP-000S(898) SHRP2-Research Project (R06A). Funds are needed for Research.	\$42,500.00 \$40,000.00 \$2,500.00	Cost Fed. State
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**NCDOT October 2017 Board of Transportation  
Approval of Funds for Specific Federal - Aid Projects**

**Statewide (Continued)**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
<b>Supportive Services Work Program</b>			
Statewide	50141.1.5, OJT-00JT(022)	\$156,461.00	Cost
M-0478E	On-The-Job Training. Funds are needed for FY2017 OJT	\$156,461.00	Fed.
STATEWIDE	Supportive Services.		

**Rural**

Statewide	34634.1.1, STP-000S(230)	\$600,000.00	Cost
R-9999WM	Improvements to NCDOT'S wetland prediction model.	\$480,000.00	Fed.
STATEWIDE	\$65,373,651.00 has previously been approved for preliminary engineering. Additional funds are requested for FY 2017-2018 allocation.	\$120,000.00	State

**SUMMARY - 67 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$43,617,758.00**

# REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS

## HIGHWAY PROGRAM STIP ADDITIONS

### DIVISION 7

* C-5650	SR 1919 (SMITH LEVEL ROAD / S. GREENSBORO ST),	ENGINEERING	FY 2018 -	\$84,000	(STBGDA)
ORANGE	PUBLIC WORKS DRIVE TO N. END OF OLD PITTSBORO		FY 2018 -	\$21,000	(L)
PROJ.CATEGORY	ROAD IN CARRBORO. CONSTRUCT 3,100 LF SIDEWALK	RIGHT-OF-WAY	FY 2018 -	\$100,000	(STBGDA)
DIVISION	ON ONE SIDE.		FY 2018 -	\$25,000	(L)
	<u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u>	CONSTRUCTION	FY 2018 -	\$440,000	(CMAQ)
	<u>PLANNING BRANCH AND MPO</u>		FY 2018 -	\$530,000	(STBGDA)
			FY 2018 -	\$748,000	(L)
				\$1,948,000	

## STIP MODIFICATIONS

### DIVISION 5

* C-5567	EAST LYON STATION GREENWAY, TOWN OF BUTNER	RIGHT-OF-WAY	FY 2018 -	\$28,000	(CMAQ)
GRANVILLE	GREENWAY EXTENSION. CONSTRUCT MULTI-USE		FY 2018 -	\$7,000	(L)
PROJ.CATEGORY	PATH.	CONSTRUCTION	FY 2018 -	\$144,000	(CMAQ)
EXEMPT	<u>TO ALLOW TOWN ADDITIONAL TIME FOR PLANNING</u>		FY 2018 -	\$36,000	(L)
	<u>AND DESIGN, DELAY RIGHT OF WAY AND</u>			\$215,000	
	<u>CONSTRUCTION FROM FY 17 TO FY 18 [16-25 STIP] /</u>				
	<u>ADD RIGHT OF WAY AND CONSTRUCTION IN FY 18</u>				
	<u>NOT PREVIOUSLY PROGRAMMED [18-27 STIP].</u>				

* I-5873	I-40, NC 54 IN RALEIGH. INTERCHANGE	RIGHT-OF-WAY	FY 2018 -	\$920,000	(NHP)
WAKE	IMPROVEMENTS.	CONSTRUCTION	FY 2019 -	\$6,384,000	(NHP)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY IN FY 18 NOT PREVIOUSLY</u>			\$7,304,000	
REGIONAL	<u>PROGRAMMED, TO REFLECT CURRENT DELIVERY</u>				
	<u>SCHEDULE [16-25 STIP].</u>				

* U-5927A	SR 2768 / SR 5056 NORTH JUDD PKWY NE, SR 3736	CONSTRUCTION	FY 2018 -	\$1,686,000	(STPDA)
WAKE	(OLD HONEYCUTT ROAD) TO NORTH OF		FY 2018 -	\$1,124,000	(L)
PROJ.CATEGORY	INTERSECTION OF SR 5056 (N. JUDD PARKWAY NE)			\$2,810,000	
DIVISION	AND SR 1402 (E. BROAD STREET)				
	<u>TO ALLOW TOWN ADDITIONAL TIME FOR DESIGN,</u>				
	<u>DELAY CONSTRUCTION FROM FY 17 TO FY 18 [16-25</u>				
	<u>STIP] / ADD CONSTRUCTION IN FY 18 NOT</u>				
	<u>PREVIOUSLY PROGRAMMED [18-27 STIP].</u>				

### DIVISION 7

B-5352	US 220 (NORTHBOUND), REPLACE BRIDGE 780131	CONSTRUCTION	FY 2018 -	\$975,000	(NHPB)
ROCKINGHAM	OVER NORFOLK SOUTHERN RAILROAD.		FY 2019 -	\$975,000	(NHPB)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 19 TO FY 18</u>			\$1,950,000	
STATEWIDE	<u>AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u>				

\* INDICATES FEDERAL AMENDMENT

# REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 7

* B-5553	BALLINGER ROAD, REPLACE BRIDGE 400098 OVER A	RIGHT-OF-WAY	FY 2018 -	\$60,000	(STPON)
GUILFORD	TRIBUTARY OF HORSEPEN CREEK IN GREENSBORO.		FY 2018 -	\$15,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR THE CITY TO</u>	CONSTRUCTION	FY 2019 -	\$600,000	(STPON)
DIVISION	<u>COMPLETE PROJECT DESIGN, DELAY RIGHT-OF-WAY</u>		FY 2019 -	\$150,000	(L)
	<u>FROM FY 17 TO FY 18 AND CONSTRUCTION FROM FY</u>			\$825,000	
	<u>18 TO FY 19</u>				
* I-5964	I-40 / BUSINESS 85 / US 29 / US 70 / US 220, ELM-	RIGHT-OF-WAY	FY 2018 -	\$75,000	(NHP)
GUILFORD	EUGENE STREET IN GREENSBORO. INTERCHANGE		FY 2018 -	\$25,000	(NHP)
PROJ.CATEGORY	IMPROVEMENTS.	CONSTRUCTION	FY 2018 -	\$300,000	(NHP)
STATEWIDE	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 18</u>			\$400,000	
	<u>NOT PREVIOUSLY PROGRAMMED, TO REFLECT</u>				
	<u>CURRENT DELIVERY SCHEDULE [16-25 STIP].</u>				
* U-5543	VARIOUS, VARIABLE MESSAGE SIGNS FOR TRAFFIC	CONSTRUCTION	FY 2018 -	\$419,000	(STBGDA)
DURHAM	MANAGEMENT ON MAJOR CORRIDORS IN CHAPEL		FY 2018 -	\$105,000	(L)
ORANGE	HILL.			\$524,000	
PROJ.CATEGORY	<u>AT REQUEST BY THE TOWN AND MPO, DELAY</u>				
REGIONAL	<u>CONSTRUCTION FROM FY 17 TO FY 18</u>				

### DIVISION 8

* P-5724	CSX, RAIL SPUR FOR INDUSTRIAL ACCESS.	CONSTRUCTION	FY 2018 -	\$162,000	(S)
SCOTLAND	CONSTRUCT SPINE TRACK AND TURNOUTS, AND		FY 2018 -	\$1,291,000	(T)
PROJ.CATEGORY	REHABILITATE EXISTING TRACK SECTIONS.		FY 2018 -	\$7,829,000	(O)
DIVISION	<u>TO REFLECT CURRENT DELIVERY SCHEDULE, DELAY</u>			\$9,282,000	
	<u>CONSTRUCTION FROM FY 17 TO FY 18 [16-25 STIP] /</u>				
	<u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u>				
	<u>PROGRAMMED [18-27 STIP]</u>				
* W-5208MA	US 15 / US 501, NC 144 INTERSECTION. CONSTRUCT	CONSTRUCTION	FY 2018 -	\$2,500,000	(HSIP)
SCOTLAND	ROUNDBOUT			\$2,500,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR UTILITY</u>				
REGIONAL	<u>COORDINATION, DELAY CONSTRUCTION FROM FY 17</u>				
	<u>TO FY 18 [16-25 STIP] / ADD CONSTRUCTION IN FY 18</u>				
	<u>NOT PREVIOUSLY PROGRAMMED [18-27 STIP].</u>				

\* INDICATES FEDERAL AMENDMENT

# REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 11

* W-5521	US 421, US 421 NEAR SR 1301 (FALL CREEK ROAD).	CONSTRUCTION	FY 2018 -	<u>\$2,900,000</u>	(HSIP)
WILKES	REALIGNMENT, MEDIAN BARRIER INSTALLATION, AND			\$2,900,000	
PROJ.CATEGORY	RUMBLE STRIPS.				
STATEWIDE	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>				
	<u>CONSTRUCTION FROM FY 17 TO FY 18</u>				

### SUMMARY

ADDITION S	1	PROJECTS	\$1,948,000
MODIFICATION S	10	PROJECTS	
	11	PROJECTS	\$1,948,000

Board Member Dodson abstained from voting on Project U-5874 in Mecklenberg County. Board Member Lathrop abstained from voting on Keith Corporation, 36249.3822, traffic signal at NC 54 and Triangle Drive in Durham County and Love's Travel Stops & Country Stores, 36249.3826, traffic signal modifications at three intersections in Wake County.

#### NCDOT October 5, 2017 Board of Transportation

SUMMARY: There are a total of 31 agreements for approval by the Board of Transportation.

##### Division 2

North Carolina Global  
TransPark Authority  
Lenoir County  
43561.2.6

This Project consists of the reconstruction of Building #5 at the Global TransPark and for the relocation of part of the Division 2 staff. The Global TransPark will reimburse the Department 100% of the work up to a maximum of \$535,000.

City of New Bern  
Craven County  
49027

This Agreement consists of the abandonment of a portion of Old Airport Road from the State System and the City of New Bern adding this section of Old Airport Road to their system in consideration for the Department providing \$500,000 for the resurfacing and/or repair of the specified route. Upon adoption of Old Airport Road, from Taberna Circle to County Line Road onto their system, the Municipality shall be responsible for all future maintenance of this section of Old Airport Road.

##### Division 3

County of New Hanover  
EB-5543  
45846.1.1  
45846.2.1  
45846.3.1

This Project consists of on-road bicycle lanes on Covil Farm Road and Red Cedar Road, an off-road multi-use path or sidewalk along Middle Sound Loop Road, an on-road path along Oyster Road and Bright Leaf Road, and a pedestrian bridge connecting to Thais Trail. The Department's participation amount was \$229,674. This Supplemental Agreement is for the Department to provide additional funding in the amount of \$136,372 from Transportation Alternatives Program funds. The County will provide an additional \$34,093 for a total of \$91,512 as their local match. Costs which exceed the revised maximum amount of \$366,046 shall be borne by the County.

County of New Hanover  
SR-5001BO  
40924.3.66

This Project consists of construction of an 8' off-road multi-use pathway from SR 1916 (Red Cedar Road) connecting to the sidewalk at Ogden Elementary School and installation of a multi-use path or sidewalk from existing sidewalk at Ogden Elementary School to both SR 1823 and SR 1986; on-road bicycle improvements along SR 1930, SR 1971 (Humphrey Drive), and SR 1929; and a 10' off-road multi-use trail with pedestrian bridge off of Bright Leaf Road. The Department's participation amount was \$300,000. This Supplemental Agreement is for the Department to provide additional funding in the amount of \$110,000 from Safe Routes to School funds. Costs which exceed the revised maximum amount of \$410,000 shall be borne by the County.

NCDOT October 5, 2017 Board of Transportation Agenda

Division 3, cont.

CSX Transportation, Inc. (CSXT) Town of Warsaw Duplin County Y-5500CB 45533	This Rail agreement consists of the permanent closure of the municipal at-grade railroad crossing of Plank Street (Crossing # 628 893W, milepost AC 189) and for the installation of signals at Dudley Street (Crossing # 624 710K, milepost AC 188.48). CSXT shall perform all work within the railroad right-of-way. The Department shall perform all work outside of the railroad right-of-way. CSXT shall reimburse the Department \$4,000 toward the cost of the crossing closure, and reimburse the Municipality \$9,000 as an incentive payment for closing the crossing. The Department shall pay CSXT ten percent (10%) of the actual cost of the crossing signal installation at Dudley Street as a matching incentive for the crossing closure. The estimated cost of the Project is \$500,000. Due to a revision in crossing numbers, this Agreement supersedes the prior Board of Transportation approval on December 1, 2016.
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Division 4

City of Rocky Mount Nash County C-5549 51019.1.1 51019.3.1	This Project consists of the construction of sidewalks along Nashville Road, West Raleigh Boulevard, Winstead Avenue and East Raleigh Boulevard. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from the Congestion Mitigation and Air Quality funds allocation, not to exceed \$739,000. The Municipality will be responsible for providing the 20% (\$184,750) non-federal match for the CMAQ funds authorized and all costs that exceed the total available funding.
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City of Goldsboro North Carolina Railroad Company (NCRR) Norfolk Southern Railroad Company (NSR) Wayne County Y-5500FC Z-5400DM 45533 43600	This Rail Agreement consists of the permanent closure of the municipal at-grade highway-railroad crossing at Mulberry Street (Crossing # 730 305E, milepost H 128.51). As mitigation for the crossing closure, the project will include the installation of signal devices at the municipal at-grade highway-railroad crossings at Bain Street (Crossing # 722 874X, milepost EC 1.15) and Bryant Street (Crossing # 722 875E, milepost EC 1.1). The Department will perform all work not on railroad right-of-way. NSR will perform all work within their right-of-way. The Department will reimburse NSR for actual costs of the installation of the signal devices. The estimated cost of the Project is \$550,000.
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NCDOT October 5, 2017 Board of Transportation

Division 5

Town of Knightdale  
Wake County  
C-5604HA  
43714.2.10  
43714.3.10

This Project consists of the construction of approximately 6,700 linear feet of greenway from Mingo Creek Greenway to Knightdale Station Park in Knightdale. The Municipality is responsible for all aspects of the Project. The Department shall reimburse 80% of eligible expenses from CMAQ funds up to \$2,057,600. The Municipality shall provide the 20% non-federal match (\$514,400) for the federal funds authorized and all costs that exceed the total available funding.

City of Oxford  
Granville County  
C-5610B  
43732.1.3  
43732.2.3  
43732.3.3

This Project consists of the extension of concrete sidewalk on Industry Drive beginning at driveway at Granville Corners Shopping Center to Lewis Street in Oxford. The Municipality is responsible for all aspects of the Project. The Department shall reimburse 80% of eligible expenses from CMAQ funds up to \$510,000. The Municipality shall provide the 20% non-federal match (\$127,500) for the federal funds authorized and all costs that exceed the total available funding.

Town of Garner  
Wake County  
C-5604RA  
43714.1.13  
43714.3.13

This Project consists of new sidewalk connecting existing sidewalks along Timber Drive with five new signalized pedestrian crossings in Garner. The Municipality is responsible for all aspects of the Project. The Department shall reimburse 80% of eligible expenses from CMAQ and STPDA funds up to \$325,352. The Municipality shall provide the 20% non-federal match (\$81,338) for the federal funds authorized and all costs that exceed the total available funding.

City of Durham  
Durham County  
EB-5904  
47469.1.1  
47469.2.1  
47469.3.1

This Project consists of pedestrian and bicycle improvements from Pettigrew Street to Avondale Drive, constructing a multiuse trail on a former rail corridor in Durham. The Municipality is responsible for all aspects of the Project. The Department shall reimburse 80% of eligible expenses from TAP funds up to \$6,280,000. The Municipality shall provide the 20% non-federal match (\$1,570,000) for the federal funds authorized and all costs that exceed the total available funding.

Durham-Chapel Hill-Carrboro  
Metropolitan Planning  
Organization (DCHCMPO)  
City of Durham  
Durham County  
M-0522  
47433.1.32

This Project consists of planning services related to the development of the Downtown Durham Transportation Study. For services associated with the study, the Department's total reimbursement shall not exceed \$250,000 of total approved eligible costs from State Planning and Research Funds.

NCDOT October 5, 2017 Board of Transportation

Division 7

City of Reidsville  
Rockingham County  
17BP.7.R.104

This Project consists of relocating a 12" waterline for Bridge #283 replacement on SR 2686 (Richardson Drive) in Reidsville. The Department shall place provisions in the construction contract for the contractor to adjust and relocate the water line. The Municipality shall be responsible for 25% of the cost of the work. The estimated cost to the Municipality is \$16,775.92.

City of Greensboro  
Guilford County  
EB-5876  
47271.3.1

This Project consists of the construction of sidewalk improvements and compliant wheel chair ramps along the western side of Holden Road north to existing sidewalk in Greensboro. The Municipality is responsible for all aspects of the Project. The Department shall reimburse 80% of eligible expenses from TAP funds up to \$314,400. The Municipality shall provide the 20% non-federal match (\$78,600) for the federal funds authorized and all costs that exceed the total available funding.

City of Greensboro  
Guilford County  
EL-5101DO  
41823.2.FD17  
41823.3.FD17

This Project consists of construction in various phases of the Downtown Greenway to include multi-use paths, sidewalks and curb reconstruction of sections on Fisher Avenue, Eugene Street and Smith Street in Greensboro. This Supplemental Agreement is to remove Phase 3 from the scope and extend the completion date of the Project. The Municipality shall complete all work outlined in the Agreement by November 30, 2018 in lieu of January 28, 2018.

Division 9

Winston-Salem City/County  
Utilities Division  
Forsyth County  
B-5152  
42313.1.1

This Project consists of the replacement of Bridge 95 over Blanket Creek on SR 1100 (Lasater Road) in Winston-Salem. At the request of the Municipality, the Department shall place provisions in the construction contract for the contractor to adjust and relocate sewer lines. The Municipality shall pay 100% of the cost of the work. The estimated reimbursement from the Municipality is \$60,570.

Division 10

City of Albemarle  
Stanly County  
17BP.10.R.103

This Project consists of the replacement of Bridge No. 213 on SR 1720 (Stony Gap Road). At the request of the Municipality, the Department shall use its utility engineering firm to design the utility plans for the relocation of sewer lines. The estimated reimbursement from the Municipality is \$3,739.71. This agenda item supersedes the item that was approved by the Board of Transportation on September 7, 2017.

NCDOT October 5, 2017 Board of Transportation

Division 10, cont.

Norfolk Southern Railway  
Company (NSR)  
City of Charlotte  
Mecklenburg County  
P-5705BA  
P-5705BB  
44475

This Rail Agreement consists of the permitting, grading, track, and railroad signal construction necessary to complete the station tracks, platform, and canopy at approximately milepost 378 associated with the Charlotte Gateway Station Project. NSR will perform work associated with the track and signals including track construction, not performed by the Department. In addition, NSR will provide engineering and flagging services to support the Department's railroad roadbed, structures, and utilities. The estimated cost to the Department will largely be reimbursed by the Municipality out of FFY 2015 TIGER funds subject to a separate Municipal agreement, previously approved by the Board of Transportation on April 6, 2017.

Norfolk Southern Railway  
Company (NSR)  
City of Charlotte  
Mecklenburg County  
P-5705BA  
P-5705BB  
44475

This Rail Agreement consists of the maintenance responsibility for the station track infrastructure at approximately milepost 378 associated with the Charlotte Gateway Station Project. NSR, and the Municipality, will perform all on-going work associated with the maintenance. To include inspection, repair, renewal of track, signals and signal appurtenances, and structures along the station tracks/connecting tracks in accordance with NSR standards and specifications. The Municipality will be solely responsible for reimbursing NSR for costs and expenses of maintenance. There will be no cost to the Department.

Town of Midland  
Cabarrus County  
C-5603E  
43715.1.5  
43713.3.5

This Project consists of the design and construction of sidewalk on Bethel School Road between the Rob Wallace County Park and the Saddlebrook/Bethel Glen/Brentwood developments to include a crosswalk and pedestrian traffic signal. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of eligible expenses from CMAQ funds allocation not to exceed \$108,029. The Municipality shall provide the 20% non-federal match (\$27,007) and all costs that exceed the total estimated cost of \$135,036.

Town of Cornelius  
Mecklenburg County  
U-5108  
42370.1.1  
42370.2.2  
42370.3.2

This Project consists of the construction of Northcross Drive Extension from the end of Northcross Drive (SR 2316) to Westmoreland Road (SR 2430) in Cornelius. The Department shall prepare the planning document, project plans and specifications, acquire any needed right of way, and construct the Project. The Municipality shall participate in 20% (\$2,511,577) of the costs of the Project. The estimated cost of the project is \$10,231,577.

NCDOT October 5, 2017 Board of Transportation

Division 10, cont.

Town of Cornelius  
Mecklenburg County  
EB-5777  
46420.2.1  
46420.3.1

This Project consists of the construction of a 1.6 mile paved trail from Catawba Avenue to Westmoreland Road. The Municipality is responsible for all phases of the Project. This Supplemental Agreement is to expand the scope of the project and revise the funding. The Department's original participation was \$1,400,000 in STBGDA funds. The Department shall utilize TAPDA funds in lieu of STBGDA funds for the 80% reimbursement and increase funding for a total maximum reimbursement of \$2,400,000 in TAPDA funds. The Municipality will be responsible for providing the 20% (\$600,000) non-federal match and all costs that exceed the total estimated cost.

Centralina Council of  
Governments  
Mecklenburg County  
M-0522  
47433.1.17

This Project consists of the development of an Autonomous and Connected Vehicles (ACV) Workshop Series. The Agency is responsible for all phases of the Project. The Department will reimburse the Agency 100% of eligible expenses with Federal SPR funds and state match up to a maximum amount of \$39,062.

City of Charlotte  
Mecklenburg County  
U-5874  
46437.2.1  
46437.3.1

This Project consists of construction of a bridge over I-85 just north of the I-85/Harris Boulevard Interchange and will create a new facility parallel to Harris Boulevard. The project will provide a connection from Research Drive to JW Clay Boulevard and includes improvements to Research Drive. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible costs from STBGDA funds allocation, in an amount not to exceed \$7,400,000 and 50% of approved eligible costs from CMAQ funds allocation, in an amount not to exceed \$1,750,000 for a total maximum reimbursement of \$9,150,000. The Municipality will be responsible for providing the non-federal match (\$3,600,000) for the federal funds authorized and all costs that exceed the total available funding.

Division 11

Town of Boone  
Watauga County  
B-5979  
47431.1.1  
47431.2.1  
47431.3.1

This Project consists of the replacement of Municipal Bridge No. 940346 on Hunting Hills Lane over South Fork of New River in Boone. The Municipality is responsible for all phases of the project. The Department shall reimburse 80% of eligible expenses from STP funds allocation not to exceed \$1,520,000. The Municipality shall provide the 20% non-federal match (\$380,000) and all costs that exceed the total estimated cost of \$1,900,000.

NCDOT October 5, 2017 Board of Transportation

Division 12

City of Hickory  
Catawba County  
12.101811  
12.201811

This Project consists of the routine maintenance of “Subject Roads and Right of Way” in the State Highway System within the Municipality. This supplemental agreement is for an increase in funding. The Department’s original participation was \$140,000 for annual maintenance. The Department agrees to reimburse the Municipality an additional \$79,980 in project funds.

Piedmont and Northern  
Railroad, LLC (Railroad)  
Gaston County  
80000.2.2.6

This Rail Agreement consists of the procurement and installation of digital wireless remote crossing monitoring units for eleven (11) highway-railway at-grade crossings along the state-owned Piedmont and Northern rail line in Gaston County. The Railroad shall perform all of the work. The Department will reimburse the Railroad up to \$40,000 for only the procurement cost of the monitoring units. Due to a change in the Parties to the Agreement from Progressive Rail Incorporated to Piedmont and Northern Railroad, LLC, (a wholly owned subsidiary of Progressive Rail Inc.), this Agreement supersedes the prior board approval on September 7, 2017.

City of Conover  
Catawba County  
EB-5803  
46459.3.1

This Project consists of 1<sup>st</sup> Avenue Area Bicycle and Pedestrian improvements. The Municipality is responsible for all phases of the Project. This Supplemental Agreement is to include additional maintenance responsibilities as part of the project. The Municipality shall assume all maintenance responsibilities for the Bicycle and Pedestrian improvements, including the maintenance of trees and shrubs to maintain clear zone setback and clear sight distance.

Division 13

City of Morganton  
Burke County  
U-6057  
47412.3.1

This Project consists of the construction of a connector road from NC 18 (South Sterling Street) to SR 1708 (West Parker Road). The Municipality shall be responsible for all phases of the Project. The Department shall reimburse 100% of the approved eligible costs from the Appalachian Development Highway Program funding, not to exceed \$1,375,000. The Municipality will be responsible for all costs that exceed the federal award amount.

NCDOT October 5, 2017 Board of Transportation

Division 14

Town of Fletcher  
Henderson County  
R-5207C  
45393.3.5

This Project consists of roadway improvements on SR 1006 (Howard Gap Road) from SR 1539 (Jackson Road) to US 25. The Department shall prepare the environmental and/or planning document, Project plans and specifications, construct the Project, and acquire any needed right of way. At the request of the Municipality, the Department shall include in its contract the construction of sidewalk within the project limits. The Municipality shall reimburse the Department 20% of the actual cost of the work. The estimated reimbursement from the Municipality is \$2,799.

Town of Sylva  
Jackson County  
EB-5923  
47589.1.1  
47589.2.1  
47589.3.1

This Project consists of the construction of sidewalk on both sides of SR 1431 (Skyland Drive) from US 23 Business to East Sylva Circle and on the west side of Skyland Drive from East Sylva Circle to SR 1429 (Chipper Curve Road). The Department is responsible for all phases of the Project. The Municipality shall provide the 20% (\$103,713) non-federal match to the federal funds authorized and all costs that exceed the total estimated cost of \$518,567.

NCDOT October 5, 2017 Board of Transportation

SUMMARY: There are a total of 16 agreements for informational purposes only.

Division 1

Town of Jamesville  
Martin County  
36249.3829

This Project consists of the repair of approximately 50 LF of outfall ditch on Stewart Street in Jamesville, including slope restoration, installation of 30 tons of Class B rip rap, erosion control matting and seeding. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department 100% of the cost of the work performed by the Department. The estimated reimbursement from the Municipality is \$4,757.28.

Division 3

MDI Management, LLC  
Brunswick County  
36249.3824

This Project consists of review and inspection of a traffic signal installation of a temporary signal installation at NC 133 and a commercial driveway north of NC 211 related to the Southport Crossings development. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$5,000.

Town of Ocean Isle Beach  
Brunswick County  
R-3432(L)  
35501.3.2

This Project consists of Landscape vegetation enhancement within the roundabout located at SR 1163 (Old Georgetown Road) and SR 1184 (Ocean Isle Beach Road SW). The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

Division 4

Edgecombe Community College  
Edgecombe County  
80036

This Project consists of the construction of an access road from off of NC 111 at Edgecombe Community College that is approximately 3050 feet. The Agency shall be responsible for all phases of the Project. The Department shall participate in actual costs in an amount not to exceed \$550,000. Costs which exceed this amount shall be borne by the Agency.

Division 5

Ellis Road Commercial LP  
Durham County  
36249.3818

This Project consists of the installation of a traffic signal at Ellis Road and the Site Driveway/Commercial Entrance. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

NCDOT October 5, 2017 Board of Transportation

Division 5, cont.

Keith Corporation  
Durham County  
36249.3822

This Project consists of the installation of a new traffic signal at NC 54 and Triangle Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

Leyland Twin Lakes  
Wake County  
36249.3821

This Project consists of the installation of two new traffic signals at SR 1613 (Davis Drive) at Holly Creek Road, and Davis Drive at SR 3015 (Airport Boulevard). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$7,500.

Ballentine Associates  
Wake County  
36249.3823

This Project consists of the installation of a new traffic signal at US 401 (Louisburg Road) at Hampton Lake Drive and Jonesville Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$5,000.

Love's Travel Stops & Country  
Stores  
Wake County  
36249.3826

This Project consists of traffic signal modifications at three intersections on SR 2817 (Barnes Street): at SR 2594 (Holiday Loop Road); at US 29 NB Ramps; and at US 29 SB Ramps. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$15,000.

Division 8

Town of Pittsboro  
Chatham County  
3608.3.07

This Project consists of construction of new concrete sidewalk along SR 1967 (Pittsboro Elementary School Road) in Pittsboro. This Supplemental Agreement is to extend the completion date of the Project to October 31, 2017 in lieu of March 31, 2017.



NCDOT October 5, 2017 Board of Transportation

Division 9

Levcor, Inc.  
Forsyth County  
36249.3832

This Project consists of installation of a traffic signal at US 158 at Burke Mill Road/Atwood Road due to planned roadway improvements. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$1,500.

Division 10

Myers-Chapman  
Union County  
36249.3828

This Project consists of the installation of a traffic signal for two intersections at NC 200 (N. Martin Luther King, Jr Boulevard) and the Union Academy School at Entrance #1 and Entrance #2. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection. The estimated reimbursement is \$10,000.

Division 13

Windsor Built Homes, Inc.  
Buncombe County  
36249.3825

This Project consists of the widening of existing Bridge No. 231 on SR 2106 for a Proposed 134 Lot Subdivision. The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department 100% of the cost of the work performed by the Department. The estimated reimbursement from the Developer is \$125,000.

Town of Forest City  
Rutherford County  
ER-5600MA  
46305.3.40

This Project consists of landscape plantings at the interchange of US 74 and US 221A in Forest City. The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the landscaping items after one year.

Division 14

Shining Rock Classical  
Academy  
Haywood County  
36249.3827

This Project consists of installing flashing beacons at the Shining Rock Classical Academy. The Department is responsible for all phases of the Project. The Developer shall reimburse the Department 100% of the cost of the work performed by the Department. The estimated reimbursement is \$13,000.

NCDOT October 5, 2017 Board of Transportation

Division 14, con't.

Town of Dillsboro  
Jackson County  
36249.3830

This Project consists of an Asphalt Surface Treatment (AST) for 920 square yards of walking paths in the Town of Dillsboro. The Department is responsible for all phases of the Project. The Municipality shall reimburse the Department 100% of all work performed by the Department. The estimated reimbursement is \$4,207.

## **NCDOT October 2017 Board of Transportation**

### **Preliminary Right of Way Plans**

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

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

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

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

#### **(Division 1)**

**Dare County; I.D. No. R-5014; Project No. 41162.2.1:**

SR 1217 (Collington Road) from Dead End to US 158 (Croatan Highway) in Kill Devil Hills

#### **(Division 4)**

**Johnston County; I.D. No. W-5600; Project No. 50056.2.1:**

US 70 Business to Neuse River Bridge, convert to freeway with interchanges at SR 1500 (Swift Creek Road) and SR 1919 (Wilson's Mills Road)

#### **(Division 5)**

**Wake County; I.D. No. B-5140; Project No. 42301.2.1:**

Bridge No. 195 over Mocassin Creek on SR 1001

#### **(Division 6)**

**Cumberland County; I.D. No. W-5601FN; Project No. 50138.2.171:**

SR 1108 (Lakewood Drive) at Middleton Court and Lullwater Drive

**Robeson County; I.D. No. B-5693; Project No. 45647.2.1:**

Bridge No. 59 over Big Marsh Swamp on SR 1924 (Currie Road)

## **NCDOT October 2017 Board of Transportation**

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

#### **(Division 7)**

**Rockingham County; I.D. No. B-5715; Project No. 45671.2.1:**  
Bridge No. 17 over Haw River on SR 2351 (Witty Road)

**Alamance County; I.D. No. U-3109B; Project No. 34900.2.3:**  
NC 119 relocation from North of US 70 to South of SR 1918 (Mrs. White Road)

#### **(Division 9)**

**Forsyth County; I.D. No. B-5771; Project No. 45727.2.1:**  
Bridge No. 16 over Muddy Creek on Bethania on SR 1611 (Main Street)

**Forsyth County; I.D. No. R-2247EC; Project No. 34409.2.26:**  
Reconstruct interchange, US 52/Future I-74 interchange with NC 65 on Winston-Salem Northern Beltway

#### **(Division 12)**

**Iredell County; I.D. No. I-5717; Project No. 50134.2.1:**  
I-77 and the NC 150 interchange

**Iredell County; I.D. No. R-2307B; Project No. 37944.2.4:**  
NC 150 from SR 1902 (Harvel Road) in Catawba County to I-77 in Iredell County (37944.2.5)

**Cleveland County; I.D. No. W-5712A; Project No. 44858.2.1:**  
NC 180 (S. Post Road) at SR 2202 (Beam Road / Joe's Lake Road)

#### **(Division 13)**

**Buncombe County; I.D. No. W-5713L; Project No. 44861.2.12:**  
NC 191 (Brevard Road) at NC 146 (Long Shoals Road)

**PRELIMINARY RIGHT OF WAY PLANS**

**13 PROJECT(S)**

**\$0.00**

## **NCDOT October 2017 Board of Transportation**

### **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 3)**

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

Grading, drainage, paving, structures, culverts, retaining walls, signals, noise walls and signing on SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington with the right of way indicated upon the final plans for said project.

#### **(Division 4)**

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

Grading, drainage, paving, widening and signals on SR 1250 (Springfield Road) from US 64 Alternate to SR 1243 ((Leggett Road) with the right of way indicated upon the final plans for said project.

#### **(Division 5)**

##### **Project No. 44401.2.1; Wake County; I.D. No. U-5828:**

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

#### **(Division 6)**

##### **Project No. 53088.2.1; Robeson County; I.D. No. R-5752:**

Drainage, paving, grading and structure on US 74 at SR 2220 (Broad Bridge Road) convert at grade intersection to interchange and SR 2225 (Greek Road) convert at grade intersection to directional crossover with the right of way indicated upon the final plans for said project.

**NCDOT October 2017 Board of Transportation**

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

**(Division 8)**

**Project No. 46077.2.1; Montgomery/Moore Counties; I.D. No. B-5362:**

Grading, drainage, paving and structure on Bridge No. 53 over Drowning Creek on NC 73 with the right of way indicated upon the final plans for said project.

**(Division 9)**

**Project No. 34839.2.GV18; Forsyth County; I.D. No. U-2579C:**

ITS, grading drainage, paving, signing, signals, culverts and structures on Winston-Salem Northern Beltway (Eastern Section) from US 311 to US 158 with the right of way indicated upon the final plans for said project.

**FINAL RIGHT OF WAY PLANS**

**6 PROJECT(S)**

**\$0.00**

## **NCDOT October 2017 Board of Transportation**

### **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 6)**

##### **Project No. 36492.2.2; I.D. No. U-4444B; Cumberland County:**

Final Right of Way plans approved on the minutes of the November 8, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 9A as presented at the October 5, 2017 Board of Transportation Meeting.

#### **(Division 7)**

##### **Project No. 34820.2.19; I.D. No. U-2524D; Guilford County:**

Final Right of Way plans approved on the minutes of the September 8, 2016 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 7, 9 & 10 as presented at the October 5, 2017 Board of Transportation Meeting.

#### **(Division 12)**

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

Final Right of Way plans approved on the minutes of the April 6, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 10 as presented at the October 5, 2017 Board of Transportation Meeting.

## **NCDOT October 2017 Board of Transportation**

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

#### **(Division 12) (continued)**

##### **Project No. 34497.2.FS9; I.D. No. R-2707C; Cleveland County:**

Final Right of Way plans approved on the minutes of the May 4, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 22, 35, 36, 37 and 38 as presented at the October 5, 2017 Board of Transportation Meeting.

**REVISION FINAL ROW PLANS**

**4 PROJECT(S)**

**\$0.00**



## **NCDOT October 2017 Board of Transportation**

### **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 9)**

##### **Project 8.1631507, Parcels I-2511CA 067, 070, 072, 073, 074, 075, Innes Street Rowan County**

Conveyance of an approximate 2.150-acre residue area to JWJW Investments, LLC, the highest bidder after public advertisement, for the high bid amount of \$175,000.00.

#### **(Division 10)**

##### **Project 34410.2.25, Parcel R-2248E 001, I-485 (Charlotte Outer Loop) from East of NC 115 (Old Statesville Road) to I-85 North Mecklenburg County**

Conveyance of an approximate 14.180-acre residue area to JWJW Investments, LLC, the highest bidder after public advertisement, for the high bid amount \$71,000.00.

**CONVEYANCE ROW RESIDUE**

**2 PROJECT(S)**

**\$246,000.00**

## **NCDOT October 2017 Board of Transportation**

### **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 5)**

##### **Project 8.1433202, Intersection of NC 56 and West Lyon Road**

##### **Granville County**

Conveyance of an approximate 0.383-acre surplus right of way area to the Town of Butner for no monetary consideration.

#### **(Division 9)**

##### **Project 8.1901403, SR 4609 (Whitt Station Lane) at SR 4610 (Macy Station Drive)**

##### **Forsyth County**

Conveyance of an approximate 0.220-acre surplus right of way area to Robins Rental, LLC for the enhancement value of \$19,175.00.

#### **(Division 14)**

##### **Project 8.18362, SR 1829 (Kay Road) near SR 1906 (Reed Drive) in Flat Rock**

##### **Henderson County**

Abandonment of an approximate 0.161-acre permanent easement to Joseph C. Basile and Verena B. Johnson as unmarried joint tenants with rights of survivorship, for no monetary consideration.

##### **Project 8.3019124, Parcel A-0006D 025, US 19/74 near SR 1392 (Byrd Road) in**

##### **Bryson City**

##### **Swain County**

Conveyance of an approximate 0.082-acre surplus right of way area to Russell Briggs for no monetary consideration.

**CONVEYANCE OF SURPLUS RIGHT OF WAY**

**4 PROJECT(S)**

**\$19,175.00**

## **NCDOT October 2017 Board of Transportation**

### **Approval of Revision in Control of Access**

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

#### **(Division 5)**

**Project 8.1402601, Parcels R-2541 047, 048, 049, 050, 062, 086      Wake County**  
Grant of a revision in the existing control of access to the Town of Holly Springs for an approximate 50 meter (164 foot) break along NC 55 Bypass near Bennet Knoll Parkway in Holly Springs for monetary consideration.

**APPROVAL OF REVISION IN C/A**

**1 PROJECT(S)**

**\$0.00**

## **NCDOT October 2017 Board of Transportation**

### **Approval of Conveyance of Wetland Mitigation Site**

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 8)**

##### **Drowning Creek and Sullivan Mitigation Sites Scotland County**

The Department received a request for the disposal of a mitigation site of approximately 194 acres. The NC Wildlife Resources Commission (NCWRC) has requested that the Department transfer this property to them for game land use. The NC Wildlife Resources Commission has agreed to this conveyance for no monetary consideration.

**APPROVAL OF CONVEYANCE OF WETLAND MITIGATION SITE 1 PROJECT(S)      \$0.00**

## **NCDOT October 2017 Board of Transportation**

### **Approval of Conveyance of Departmental Real Property**

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

#### **(Division 13)**

##### **1.864 Acre Prices Creek Township Deed Book 75 Page 119 Yancey County Registry Yancey County**

The Department received a request from NC Wildlife Resources Commission (NCWRC) for the conveyance of a 1.864 acre area adjacent to Division 13 Maintenance Yard. NCWRC has requested this property for the construction of a new Depot to replace the existing one that needs to be replaced. The Department has agreed to convey the property to NCWRC for no monetary consideration in accordance with the assistance received from NCWRC in the settlement of several Right of Way Claims across the State and with approval of Division Engineer.

**APPROVAL OF CONVEYANCE OF DEPARMENTAL REAL PROPERTY 1 PROJECT(S) \$0.00**

## **NCDOT October 2017 Board of Transportation**

### **Advance Acquisition of Highway Right of Way**

Upon recommendation of the Manager of the Right of Way Branch, the Board has been requested to authorize the acquisition of the following properties through negotiation or condemnation for purposes of highway construction in order to prevent undue hardship on property owners or to protect the right of way corridor from development prior to regular project approval. The Board finds such acquisitions to be necessary, and hereby authorizes the Right of Way Branch to acquire said properties either by negotiation or by condemnation through the Office of the Attorney General.

#### **(Division 5)**

**Property of Brenda Perry  
I.D. No. R-2721, Parcel #901  
WBS 37673.2.1, F. A. Project N/A,  
County of Wake**

#### **(Division 9)**

**Property of Brian M. & Amber Idol  
I.D. No. U-2579AB, Parcel #924,  
WBS 34839.1.8, F. A. Project N/A,  
County of Forsyth**

**APPROVAL OF ADVANCE ACQUISITION FOR HIGHWAY RIGHT OF WAY 2 PROJECT(S) \$0.00**

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<b>SUMMARY</b>	<b>34 PROJECT(S)</b>	<b>TOTAL: \$ 265,175.00</b>
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September 21, 2017

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Branch

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

The Transportation Planning Branch has worked cooperatively with Caswell County on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Caswell County on May 1, 2017, the Town of Milton on May 9, 2017, and the Town of Yanceyville on May 9, 2017. It was endorsed by the Piedmont Triad RPO on June 21, 2017.

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

[https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study\\_id=Caswell County](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Caswell%20County)

The Transportation Planning Branch recommends the mutual adoption of the Caswell County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of August 23, 2017.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Jamal Alavi', with a stylized flourish at the end.

Jamal Alavi, P.E.  
Manager, Transportation Planning Branch

Attachment

October 5, 2017

**Adopted by:**

**Caswell County**  
**Date: May 1, 2017**

**Town of Milton**  
**Date: May 9, 2017**

**Town of Yanceyville**  
**Date: May 9, 2017**

**NCDOT**  
**Date:**

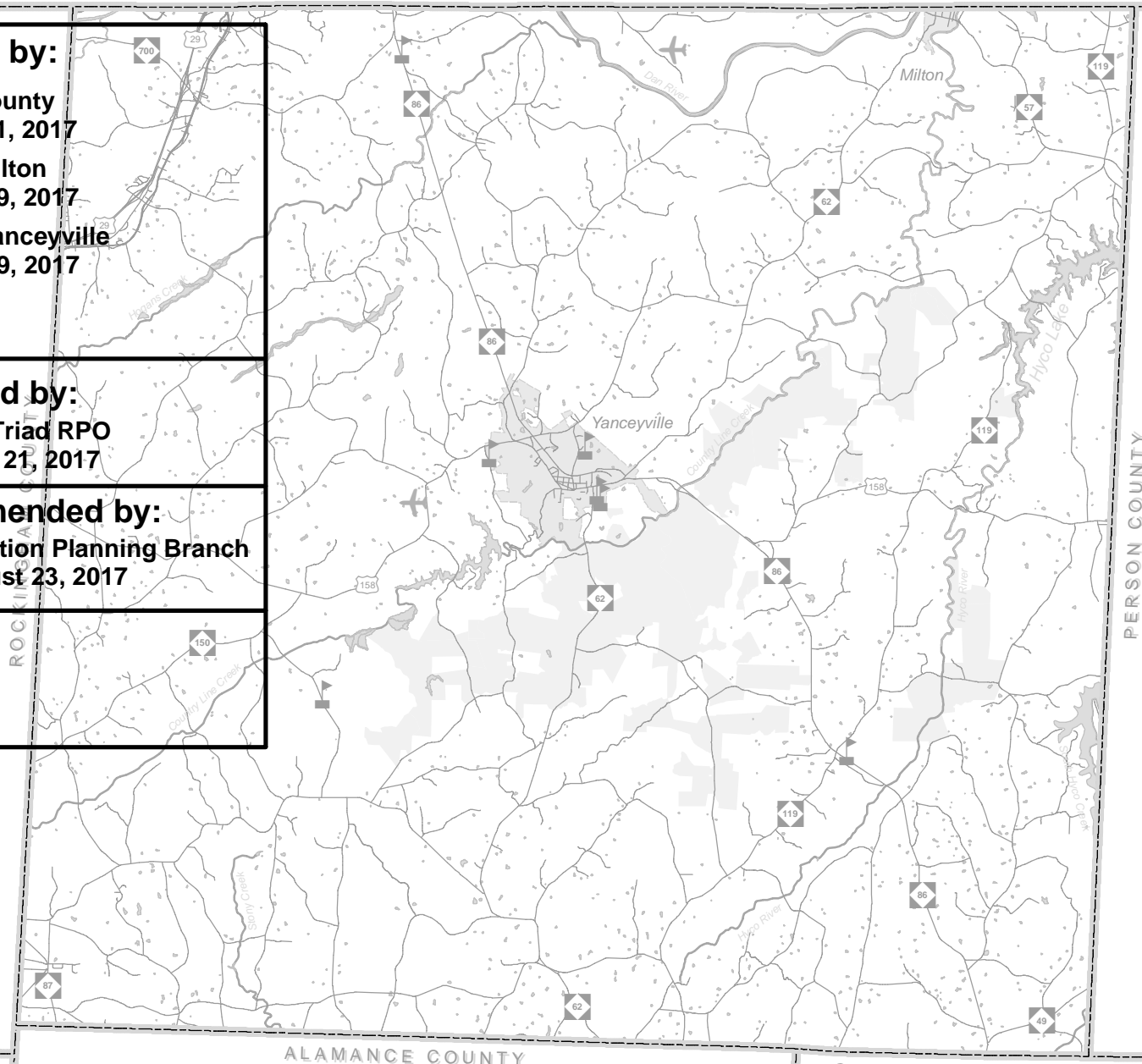
**Endorsed by:**

**Piedmont Triad RPO**  
**Date: June 21, 2017**

**Recommended by:**

**Transportation Planning Branch**  
**Date: August 23, 2017**

**NOTES:**



**Caswell County**

North Carolina

**RECOMMENDED**

**Comprehensive  
Transportation Plan**

Plan date: July 13, 2017

Sheet 1 **Adoption Sheet**

Sheet 2 **Highway Map**

Sheet 3 **Public Transportation  
and Rail Map**

Sheet 4 **Bicycle Map**

Sheet 5 **Pedestrian Map**

**Legend**

- Schools
- Roads
- Railroads
- Rivers and Streams
- Water bodies
- Municipal Boundary
- County Boundary
- Game Lands

0 2 4 Miles

Sheet 1 of 5



Base map date: January 14, 2016

Refer to CTP document for more details

GUILFORD  
COUNTY

ALAMANCE COUNTY

ORANGE COUNTY



September 21, 2017

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Branch

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

The Transportation Planning Branch has worked cooperatively with Jackson County on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Jackson County on August 28, 2017, the Town of Sylva on July 13, 2017, the Town of Webster on August 2, 2017, the Village of Forest Hills on July 11, 2017, and the Town of Dillsboro on July 10, 2017. It was endorsed by the Southwestern RPO on June 21, 2017.

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

[https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study\\_id=Jackson County](https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Jackson%20County)

The Transportation Planning Branch recommends the mutual adoption of the Jackson County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of September 26, 2017.

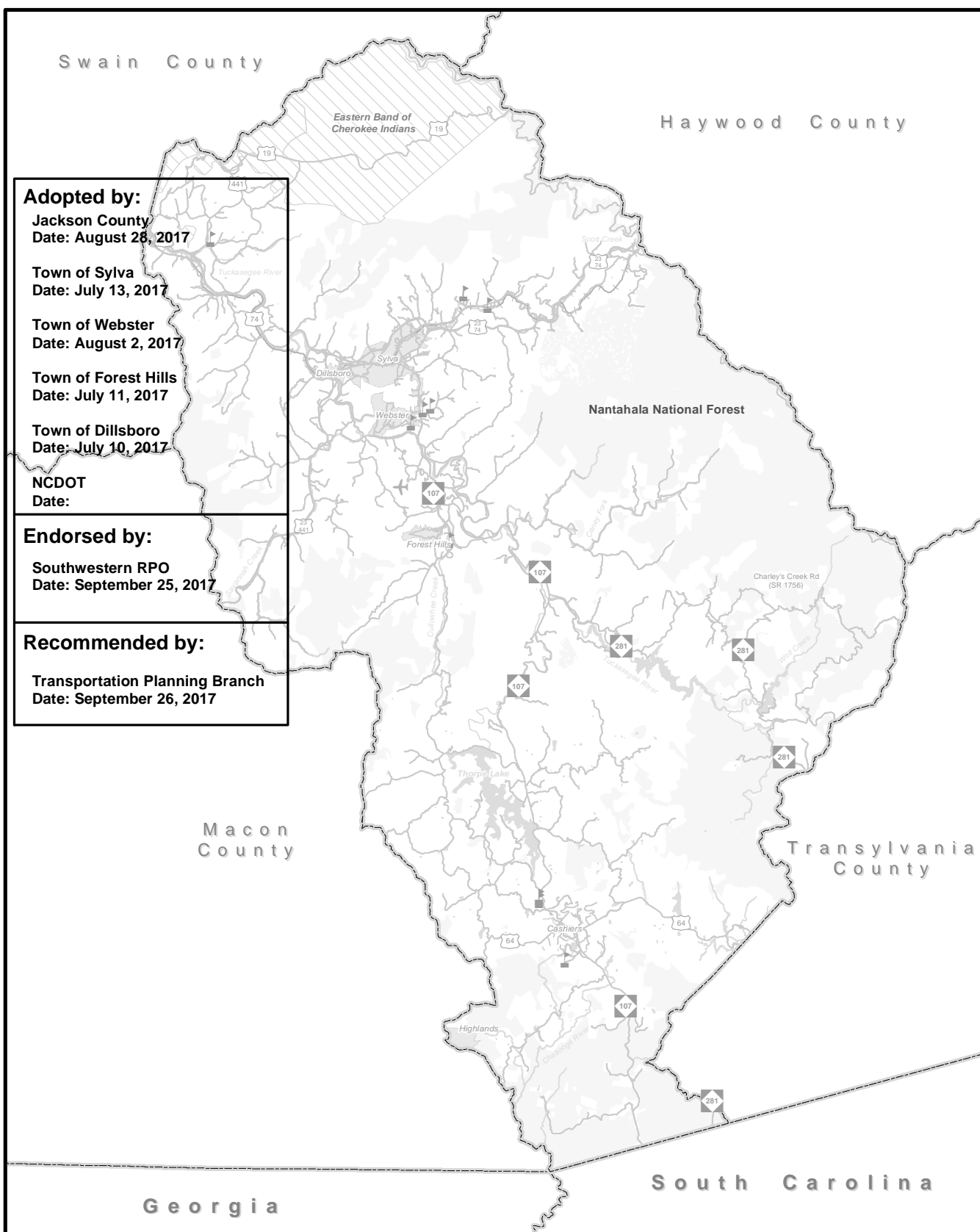
Sincerely,



Jamal Alavi, P.E.  
Manager, Transportation Planning Branch

Attachment

October 5, 2017



### Adopted by:

Jackson County  
Date: August 28, 2017

Town of Sylva  
Date: July 13, 2017

Town of Webster  
Date: August 2, 2017

Town of Forest Hills  
Date: July 11, 2017

Town of Dillsboro  
Date: July 10, 2017

NCDOT  
Date:

### Endorsed by:

Southwestern RPO  
Date: September 25, 2017

### Recommended by:

Transportation Planning Branch  
Date: September 26, 2017

Sheet 1 Adoption Sheet

Sheet 2 Highway Map

Sheet 3 Public Transportation  
and Rail Map

Sheet 4 Bicycle Map

Sheet 5 Pedestrian Map

### Legend

- Airports
- Schools
- Roads
- Railroads
- Rivers and Streams
- Bodies of Water
- Public Lands
- County Boundary
- Municipal Boundary
- Eastern Band of Cherokee Indians



0 1 2 4 Miles

Sheet 1 of 5

Base map date: 11-04-2014  
5123

Refer to CTP document for more details

### Adoption Map

**RECOMMENDED**

**Jackson County**

**Comprehensive  
Transportation Plan**

Plan date: June 8, 2017

### Committee Reports

Chairman Fox, Chair of the Road, Bridge and Ferry Naming Committee, provided a committee update.

Board Member Tarleton, Chair of the Highway Committee, provided a committee update.

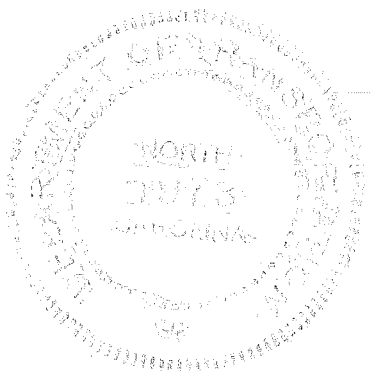
Board Member Perkins, Chair of the Multi-Modal Committee, provided a committee update.

Board Member Jordan, Chair of the Economic Development and Intergovernmental Relations (EDIR) Committee, provided a committee update.

Board Member Lathrop, Chair of the Funding and Appropriations Strategies (FAST) Committee provided an update.

### Adjournment

There being no further business to come before the Board, the meeting was adjourned at 10:51 am. A motion was made by Board Member Tulloss, seconded by Board Member Dodson.



A handwritten signature in dark ink, appearing to read "Fox", written over a horizontal line.

Chairman Fox

North Carolina Board of Transportation

Attest:

A handwritten signature in dark ink, appearing to read "Hannah Gunnigan", written over a horizontal line.

Secretary to the Board of Transportation

Dated this 2 day of ~~October~~, 2017

A handwritten signature in dark ink, appearing to read "November HJ", written below the date line.

**North Carolina Department of Transportation  
Division of Highway  
Traffic Engineering and Safety Systems Branch**

**STANDARD PRACTICE  
for  
Signing National Championship for Schools of Higher Education:  
Colleges, Universities, and other Post High School Educational Institutions**

The purpose of this standard practice is to establish minimum guidelines for supplemental signing of National Championship for Schools of Higher Education (*Colleges, Universities, and other post-High School Educational Institutions*) along NCDOT roadways. It is not intended to allow signing for the purpose of advertisement or promotion of educational facilities. The intent is to set reasonable guidelines to promote statewide consistency in responses to signing requests for National Championship for Schools of Higher Education.

It is the standard practice of NCDOT to allow the installation of supplemental signs to qualifying colleges and universities, and other qualifying post High School Educational Institutions. If the school of higher education obtains a National Championship from a sport recognized by the National Collegiate Athletic Association (NCAA), then the request shall be evaluated under the requirements and criteria identified below. The Department requires reimbursement for funding all costs involved in field investigation, designing, administering, fabricating, installing, inspecting, and maintaining signs. The Department requires reimbursement of \$2,000 per sign. Each school may have up to 8 signs. Signs shall be designed, located, and erected on NCDOT roadways according to the standards of the Manual on Uniform Traffic Control Devices (MUTCD), the North Carolina Supplement to the MUTCD, and the North Carolina Roadway Standard Drawings, and the standards and criteria herein.

**CRITERIA**

If right of way is available for sign installation(s) and if not prohibited by signing guidelines such as sign spacing along roadway, number of destinations permitted on sign, etc., signs may be erected along roadways by the NCDOT upon request, but only for schools of higher education that meet all of the following criteria:

1. To qualify for national championship signing, the university must obtain a national championship from a sport recognized by the NCAA beginning January 1, 2017. Club sports are not eligible for championship signing.
2. Requests for signing locations may be submitted to Board of Transportation (BOT) by the institution with justification of need and supporting documentation. These requests will be reviewed and approved through the Board of Transportation's Road, Bridge, Ferry Naming Committee prior to going before the full BOT for final approval.
3. Requests should be submitted during the year the school is the reigning champion and the signs are to remain in place for a maximum of two years. No multiyear championship signs shall be erected. Only one national championship school can be on a given route segment at one time. The BOT reserves the right to waive this on a case by case basis if there is adequate room for two national championship schools.

4. It is the responsibility of the requestor to secure/provide funding for all costs involved in field investigation, designing, administering, fabricating, installing, inspecting, and maintaining signs. A reimbursable agreement between the requester and the Department is required. If a qualifying school requests a name change on the sign, the school must pay all costs associated with changing the sign including new supports.
5. Once the two year maximum timeframe is met, the requesting party will receive notification of the sign removal and the option to retrieve sign. If sign was installed utilizing funding from the State, sign will be recycled by the Signing Reclaiming Service with Correction Enterprises.
6. Signing for National Championship for schools of higher education is considered supplemental to the overall signing system for freeways, expressways and conventional roads. Therefore, before a championship sign is installed, sufficient space shall exist to accommodate the placement of the sign without interfering or conflicting with required signing. Additionally, championship signs are not allowed a major decision points.
7. The Department will work with requestors on the sign designs and will conform with the Manual on Uniform Traffic Control Devices (MUTCD) Section 2M.10.
8. The Department has the responsibility and authority to relocate or remove signs on NCDOT highway right-of-way if a need for a higher priority regulatory, warning, or guide sign is identified. No refund or reimbursement will be made for removed signs.
9. The NCDOT reserves the right to cover, relocate, or remove any signs for maintenance or construction operations, or when deemed to be in the best interest of the NCDOT or the traveling public, without advance notice. The NCDOT reserves the right to remove signs when roadway improvements or changes in the roadway cross section or configuration will no longer accommodate the existing signs. No refund or reimbursement will be made for removed signs. If existing signs no longer meet the Department's size and design requirements for an upgraded roadway and existing signs are removed, the facility may request to upgrade their signs, provided that minimum spacing is available on the upgraded roadway.
10. As described in General Statute 136-30 (a), (b), and (d), the Department has the authority to control all signs within the right of way of the State Highway System.

**§ G.S. 136-30. Uniform signs and other traffic control devices on highways, streets, and public vehicular areas.** (a) State Highway System. - The Department of Transportation may number and mark highways in the State highway system. All traffic signs and other traffic control devices placed on a highway in the State highway system must conform to the Uniform Manual. The Department of Transportation shall have the power to control all signs within the right-of-way of highways in the State highway system. The Department of Transportation may erect signs directing persons to roads and places of importance. (b) Municipal Street System. - All traffic signs and other traffic control devices placed on a municipal street system street must conform to the appearance criteria of the Uniform Manual. All traffic control devices placed on a highway that is within the corporate limits of a municipality but is part of the State highway system must be approved by the Department of Transportation. (d) Definition. - As used in this section, the term "Uniform Manual" means the Manual on Uniform Traffic Control Devices for Streets and Highways, published by the United States Department of Transportation, and any supplement to that Manual adopted by the North Carolina Department of Transportation.