

I N D E X

BOARD OF TRANSPORTATION MEETING

August 8, 2019

	<u>Page No.</u>
Call to Order	8629
Ethics Statement	8630
Approval – Minutes of the June 27, 2019 Board Meeting Minutes	8630
Secretary's Remarks	8632
Approval of Projects	8636
 <u>Delegated Authority Items</u>	
Approval – Award of Highway Construction Contracts from the July 2019 Letting	8639
Approval – Award of Contracts to Private Firms for Engineering Services	8645
Approval – Funds for Secondary Road Improvement Projects – Statewide Contingency, Public Access, and Economic Development	8711
Approval – Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development	8716
Approval – Funds for Specific Spot Safety Improvement Projects	8752
 <u>Action Items</u>	
Approval – Additions and Abandonments to State Secondary Road System	8712
Approval – Public Transportation Program	8718
Approval – Public Transportation Program	8719
Approval – Rail Program	8723
Approval – Bicycle and Pedestrian	8724
Approval – Aviation Program	8725
Approval – North Carolina Highway Trust Funds	8727
Approval – Funds for Specific Federal Aid Projects	8754

Approval – Revisions to the 2018-2027 STIP	8772
Approval – Municipal and Special Agreements	8790
Approval – Municipal Street System Changes	8806
Approval – Right of Way Resolutions and Ordinances	8807
Approval - Maintenance Allocations	8813
Approval - Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation	8814
Committee Reports	8816
Adjournment	8817

BOARD OF TRANSPORTATION MEETING

August 7-8, 2019

Call to Order

Chairman Fox called the meeting of the Board of Transportation to order at 9:15 a.m. on Thursday, August 8, 2019, in Raleigh, North Carolina with the following members present: Fox, Szlosberg-Landis, Tulloss, Moran, Overholt, Alford, Jordan, Perkins, Bowles, Hunt, Tarleton, Pope, Lathrop, Debnam, Taft, Zimmer, Cody, and Mathis.

Board Member Clarke was absent.

The Honorable Cheri L. Beasley conducted the swearing in ceremony of Lisa Mathis, a new member of the Board of Transportation, representing Division Eight and Aaron Cody, a new member of the Board of Transportation, representing Division Fourteen.

The Honorable Cheri L. Beasley also conducted the swearing in ceremony for three reappointments for existing members and five changes in board position that include new terms.

- Augustus Tulloss reappointed to Division Four.
- Grady Hunt reappointed to Division Six.
- Samuel Bowles reappointed to Division Ten.
- Hugh Overholt moving from At-Large, Rural now serving Division Two representative.
- Andrew Perkins moving from At-Large, Mass Transit to now serving as the Division Nine representative.
- Nina Szlosberg-Landis moving from At-Large, Environmental to now serving as the At-Large, Mass Transit representative.
- Jack Debnam moving from the Division Fourteen representative to now serving as the At-Large, Rural Transportation representative,
- Thomas Taft, Jr. moving from the Division Two representative to now serving as the At-Large, Environmental representative.

Road Gang Award

Secretary Trogdon invited Board Member Patrick Molamphy, the outgoing member from Division Eight forward to receive the Road Gang Award in celebration of his service on the Board of Transportation the past four years. Secretary Trogdon read the Road Gang Award to Mr. Molamphy and thanked him for his service, influence and achievements pertaining to local transportation projects. Mr. Molamphy thanked the Secretary, Chairman and fellow members of the Board and for the award.

Ethics Statement

Chairman Fox read the Ethics Statement advising all members of the Board that may have any conflict of interest, or appearance of conflict, to abstain from participation in that particular item and to file the proper paperwork with the Secretary to the Board of Transportation.

Approval – June 27, 2019 Board Meeting Minutes

Chairman Fox stated that the meeting minutes were distributed for review prior to the meeting. Chairman Fox stated if there are no additions or corrections he would accept a motion to approve the meeting minutes from the June 27, 2019 Board of Transportation meeting. The meeting minutes were unanimously approved by the Board following a motion made by Board Member Tulloss and a second by Board Member Tarleton.

Road, Bridge and Ferry Naming Honorary Designations

Resolution for Senator James Speed Highway

Board Member Jordan presented a resolution naming U.S. 401 from Retail Way to Flat Rock Church Road in Franklin County as the Senator James Speed Highway. The resolution was unanimously approved by the Board upon a motion made by Board Member Jordan with a second by Board Member Overholt. (A copy of the resolution is at the end of this document).

Resolution for Ray Kelly Highway

Chairman Fox presented a resolution naming a portion of N.C. 65 between Pannel Road (SR 2129) and County Home Road (SR 2371) in Rockingham County as the Ray Kelly Highway. The resolution was unanimously approved by the Board upon a motion made by Chairman Fox with a second by Board Member Taft. (A copy of the resolution is at the end of this document).

Vice Chair Nina Szlosberg-Landis began to preside over the meeting here.

Resolution for Dr. Andrew A. Best Bridge

Board Member Taft presented a resolution naming the 10th Street Connector bridge over Dickinson Avenue in Pitt County as the Dr. Andrew A. Best Bridge. The resolution was unanimously approved by the Board upon a motion made by Board Member Taft with a second by Board Member Alford. (A copy of the resolution is at the end of this document).

Resolution for Dr. Leo W. Jenkins Highway

Board Member Taft presented a resolution naming the 10th Street Connector from U.S. 13/N.C. 11 to Evans Street in Pitt County as the Dr. Leo W. Jenkins Highway. The resolution was unanimously approved by the Board upon a motion made by Board Member Taft with a second by Board Member Overholt. (A copy of the resolution is at the end of this document).

Resolution for First Lieutenant George Hampton Yarborough Jr. Highway

Vice Chair Szlosberg-Landis presented a resolution naming the section of Mt. Harmony Church Road from U.S. 158 to Allen Creek Road in Person County as the Lt. George H. Yarborough Jr Highway. The resolution was unanimously approved by the Board upon a motion made by Vice Chair Szlosberg-Landis with a second by Board Member Tarleton. (A copy of the resolution is at the end of this document).

Secretary's Remarks

Secretary Trogdon welcomed Lisa Mathis representing Division Eight and Dirk Cody representing Division Fourteen to the Board. He also welcomed all of the reappointed members of the Board and thanked them for their service.

Secretary Trogdon mentioned he attended the I-95 Corridor Coalition board meeting in Wilmington, Delaware on July 10. The board is made up of the CEOs from the coalition's full-member agencies from Florida to Maine. The Board and coalition members presented topics such as connected/automated vehicles, toll violation enforcement reciprocity, freight planning, and transportation systems management and operations activities. Secretary Trogdon stated that he gave an update on the Department's study on truck parking in North Carolina. The study is exploring the lack of available truck parking, and ways we can remedy the problem.

Secretary Trogdon shared the Department held their second meeting of the NC FIRST Commission last week. The Commission heard presentations on demographic trends, federal revenue, financing transportation systems and solutions internationally and in other states, and an overview of NCDOT's finances.

Secretary Trogdon shared on July 18, he attended the Albemarle Commission Board of Delegates meeting in Hertford. The meeting was a great opportunity to meet with transportation planners and representatives in northeastern North Carolina to discuss how DOT is doing great things to support rural and urban areas.

Secretary Trogdon mentioned he stopped by the Complete Streets core technical team meeting in July to thank them for their work to update and upgrade our Complete Streets policy, which the Board will be asked to vote on today. The goal is a policy that does a better job at considering different forms of transportation while projects are being developed, not just at the end of the project development timeline. Secretary Trogdon asked the Board to consider approval of the recommended policy during the meeting today.

Secretary Trogdon stated he spoke at the North Carolina Association of Rural Planning Organizations (RPO) meeting in Pembroke, hosted by Lumber River RPO. He gave the group an overview of priorities defined in January 2017 and how NCDOT continues to work on them. He emphasized the need for partnerships and thinking/planning regionally to optimize the state transportation system. Secretary Trogdon also stated on June 30th he attended the groundbreaking ceremony for Honda Jet in Greensboro.

Secretary Trogon mentioned the North Carolina Traffic Safety Conference and Expo, is ongoing at this time. He stated he hopes members will continue to take part in the conference as they are available. He stated that the conference is being held in Raleigh and has over 700 people attending this year. He specified his enjoyment of joining in on the panel discussions on local, state, and national trends in highway safety earlier in the week. He shared we continue to implement the “Improve, Expand, Protect” action plan that was laid out last year for moving forward on the I-77 corridor in northern Mecklenburg and southern Iredell counties.

DMV Updates

Secretary Trogon shared results from the Department of Motor Vehicles (DMV) on improving the average wait time and completed transactions. He shared that DMV has worked hard and has seen big changes in these areas. He shared the average wait time has reduced 37% and transactions have increased by 13%.

Severe Weather Recovery Update

Secretary Trogon shared six weeks after the rain damage near the Wake and Franklin county lines, the 401 bridge over the Little River has been reopened. He also mentioned the project was finished six weeks ahead of the original completion date. The Department’s engineers worked with a contractor that was already onsite and under contract to replace the bridge and accelerate the project.

Scott Cole Retiring

Secretary Trogon acknowledged Scott Cole, Division Ten Engineer, who is retiring September 1, 2019. He shared Scott has been an incredible asset to the Department at a pivotal time in the Department’s history and a leader in our busiest highway division. Scott is a Charlotte native and came to NCDOT right out of college at North Carolina State University 32 years ago. Scott has worked his way through the ranks in Division Ten – working as an Assistant District Engineer, District Engineer and Deputy Division Engineer before becoming the Division Engineer. Secretary Trogon thanked Scott for all his hard work to advance transportation in the State of North Carolina.

DELEGATED AUTHORITY ITEMS

Approval – Award of Highway Construction Contracts in June 2019 Letting

Vice Chair Nina Szlosberg-Landis stated that items C, D, E, H, and L are delegated to the Secretary and require no formal action by the Board. She shared that for Item C: All projects were awarded by the Secretary to the low bidder.

Vice Chair Nina Szlosberg-Landis shared an update from the May 2, 2019 Board meeting: action was delayed on the design build project constructing a portion of NC 540 in Wake County. Additional time was needed for review of the bids and coordination of this portion with the other two previously let portions of NC 540. Staff recommended award to the low bidder. The project was subsequently awarded by the Secretary.

ANNUAL ETHICS EDUCATION

Ann Dishong, Governance Director and her team provided all members with an ethics training manual and a new board orientation manual that outlines and expands on the ethical requirements, duties and responsibilities of the Board. The resources provided accompanied the presentation provided by the General Counsel. Additionally, members signed that they received the training requirement and training manuals.

Vice Chair Nina Szlosberg-Landis called Daniel Johnson, NCDOT General Counsel forward to provide the Board of Transportation's required annual training on ethics and the duties and responsibilities of Board of Transportation Members per [N.C. Gen. Stat. §143B-350\(m\)](#)

Daniel Johnson, General Counsel covered the following information and provided specific examples and explanations regarding conflict of interest with members of the Board.

The 2019 ethics liaisons for the North Carolina Department of Transportation are Daniel Johnson, General Counsel (djohnson4@ncdot.gov) and Ann Dishong, Governance Director (ahdishong@ncdot.gov)

- **DISCLOSURE**

- State Ethics Act Statement of Economic Interest per N.C. Gen. Stat. §163A
 - Prior to appointment
 - Annually, by April 15 each year

- A public record under the Public Records Act
- Unique Board of Transportation Disclosure Requirements
 - Disclosure of Contributions per [N.C. Gen. Stat. §143B-350\(i\) & \(l\)](#)
 - Disclosure of Campaign Fund-Raising per [N.C. Gen. Stat. §143B-350\(j\) & \(l\)](#)
- **EDUCATION**
 - State Ethics Act requirements:
 - State Ethics Commission Training within 6 months of appointment per [N.C. Gen. Stat. §163A-158](#)
 - State Ethics Commission Training refresher training at least every 2 years per [N.C. Gen. Stat. §163A-158](#)
 - The State Ethics Commission website includes a list of trainings available
 - Unique Board of Transportation Requirements:
 - Annual Training on Ethics and the Duties and Responsibilities of Board Members per [N.C. Gen. Stat. §143B-350\(m\)](#)
 - Include initial orientation for new Members of the Board and continuing education programs for all Board Members at least once each year per [N.C. Gen. Stat. §143B-350\(m\)](#)
- **ETHICS POLICY**
 - State Ethics Act Requirements:
 - [N.C. Gen. Stat. Chapter § 163A, Article 5](#), Ethical Standards for Covered Persons
 - Participation in board action, conflict of interest, use of information, gifts, and more
 - Unique Board of Transportation Requirements per [N.C. Gen. Stat. §143B-350\(k\)](#) and [143B-350\(l\)](#)
 - Board is required to adopt an ethics policy (completed in 2000)
 - Specific Matters must be in the policy, including rules on conflict of interest

ACTIONS ITEMS

Vice Chair Nina Szlosberg-Landis stated to members of the Board that they should have had ample time to review the policy prior to its action today. She reminded members that they received briefings regarding the Complete Street Policy in the Highway and Multi-modal Committees yesterday. Prior to that, the policy was emailed in advance of the committee

meetings. Vice Chair Szlosberg-Landis stated if there were no questions or areas of discussion, she would accept a motion to approve the Complete Street Policy as provided. The policy was approved unanimously by the Board following a motion made by Board Member Taft with a second by Board Member Zimmer.

Approval of Projects

Board Member Alford abstained from voting on the following project item:

- Item K-2 – Project B-5938 Carteret Co. Div. 2; WBS 46483.3.1, Bridge # 68 over Bogue Sound on SR 1182 (Atlantic Beach Causeway). \$5,160,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.
- Item K-4 – Project U-5789; Onslow Co. Div. 3; WBS 44361.3.1, NC 53 (Western Boulevard) at SR 2714 (Jacksonville Parkway). Initial funds are requested for construction. This is a Cash Flow project with \$2,430,000.00 in SFY 20 and SFY 21.
- Item M-3 – Project Z-5800CA Duplin Co.; 44806.1.4, Federal No. 0317008, Railway-Highway Grade Crossing Safety Project at Sandy Street and CSX Crossing #629 044S in Magnolia. Funds are needed for preliminary engineering.

Board Member Lathrop abstained from voting on the following project items:

- Item O – Project 36429.4032; Scannell Properties #320, Durham County; This Project consists of the construction of a new traffic signal at the intersection of South Briggs Avenue at the NC 147 Northbound Ramp. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost, estimated to be \$5,000.
- Item R – Project 45771.2.1; Anson County; B-5818; Bridge No. 11 over Deadfall Creek on NC 109.

Board Member Zimmer abstained from voting on the following project items:

- Item K-2 – Project B-5938 Carteret Co. Div. 2; WBS 46483.3.1, Bridge # 68 over Bogue Sound on SR 1182 (Atlantic Beach Causeway). \$5,160,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.
- Item K-2 – Project B-5992 Craven Co. Div. 2; WBS 46981.1.1, US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91. \$780,257.00 has previously been approved for preliminary engineering. Additional funds are requested. \$8,981.00 will use BUILD NC BOND funds and \$441,019.00 will use Division STI funds.
- Item K-3 – Project U-5785 Pitt Co. Div.2; WBS 44357.1.1, SR 1708 (Firetower Road) from NC 43 (Charles Boulevard) to SR 1704 (Fourteenth Street) in Greenville. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.
- Item K-4 – Project U-5991 Pitt Co. Div. 2; WBS 47111.1.1, NC 43 from SR 1708 (Firetower Road) to SR 1711 (Worthington Road). \$900,000.00 has previously been approved for preliminary engineering. Additional funds are requested.
- Item K-4 – Project R-2633WM New Hanover Co. Div. 3; WBS 34491.4.1, US 17 (Wilmington Bypass) from US 17 south of Bishop to I-40 south of Castle Hayne. \$11,853,478.00 has previously been approved for wetland mitigation. Funds need to be decreased (\$2,962,187.77). Project is complete. WBS will be closed. This project has previously been identified as a Trust Fund Urban Loop project.
- Item K-4 – Project U-3831 New Hanover Co. Div. 3; WBS 34985.1.4, SR 2048 (Gordon Road) from NC 132 interchange to west of US 17 Business (Market Street) in Wilmington. \$500,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$491,081.80). Funds are no longer needed. WBS will be closed.
- Item K-11 – Project U-6010 Burlington/Alamance Co. Div. 7; WBS 47145.2.1, US 70 (South Church Street) at SR 1226 / SR 1311 (University Drive) in Burlington. Initial funds are requested for full right of way and utilities.
- Item M-2 – Project W-5702U Carteret Co.; 44848.1.21, Federal No. 0070234, US 70 (Arendell Street) at SR 1237 (Harris Street) and the Crystal Coast Plaza Shopping Center at Industrial Drive in Morehead City. Funds are needed for preliminary engineering.

- Item M-2 – Project W-5702O Pitt Co.; 44848.3.15, HSIP-0264(066), US 264 Alternate (Greenville Boulevard) at Mall Drive. Funds are needed for construction to revise traffic signals.
- Item O – Project U-5534N, 44096.1.15, 44096.2.15, 44096.3.15 City of Wilmington, New Hanover County; This Project consists of construction of a bus pull-out and loading area along Shipyard Boulevard to include sidewalk at Rutledge Drive to Vance Street. This Supplemental Agreement is to extend the completion date. The Municipality shall complete the Project by September 30, 2020 in lieu of January 12, 2015.
- Item O – Project 36249.4047, Evolve Companies, New Hanover Co.; This Project consists of signal plan and equipment modifications at US 17/76 (Oleander Drive) and Englewood Drive/Site Access and signal coordination work required along US 17/76 (Oleander Drive) to be performed by the Department related to the Oleander Commons Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost, estimated to be \$10,000.

Vice Chair Szlosberg-Landis stated if there are no questions or areas of discussion, she would accept a motion to approve the project list as distributed and posted. The project items were approved unanimously by the Board following a motion made by Board Member Tarleton and a second by Board Member Pope.

Vice Chair Szlosberg-Landis adjourned the meeting.

NCDOT Board of Transportation Agenda

ITEM C

July 16, 2019

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award the following highway construction projects.

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 16, 2019
DIVISION 00001

C204210
34472.3.2
STATE FUNDED
NORTHAMPTON
R-2582A

PROPOSAL LENGTH 8.197 MILES

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

LOCATION US-158/NC-46 FROM I-95/NC-46 IN ROANOKE RAPIDS TO SR-1312 (ST JOHN CHURCH ST).

EST CONST PROGRESS.... FY-2020..30% OF BID
FY-2021..29% OF BID
FY-2022..23% OF BID
FY-2023..16% OF BID
FY-2024..02% OF BID

RPN 002 4 BIDDER(S) DBE GOAL 13.00 %
ESTIMATE 91,011,067.79

DATE AVAILABLE AUG 26 2019
INTER COMPLETION SEP 15 2023 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAR 13 2024

	\$ TOTALS	% DIFF
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	81,907,374.49	-10.0
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	88,699,901.44	-2.5
W C ENGLISH INCORPORATED LYNCHBURG, VA	96,157,176.62	+5.7
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	98,112,698.97	+7.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 16, 2019
DIVISION 00002

C204177
34360.3.4
NHF-0070(049)
CARTERET, CRAVEN
R-1015

PROPOSAL LENGTH 10.353 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.

LOCATION US-70 (HAVELOCK BYPASS) FROM NORTH OF PINE GROVE TO NORTH OF CARTERET
COUNTY LINE.

EST CONST PROGRESS.... FY-2020..29% OF BID
FY-2021..29% OF BID
FY-2022..22% OF BID
FY-2023..16% OF BID
FY-2024..04% OF BID

RPN 001 5 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 205,040,280.87

DATE AVAILABLE AUG 26 2019

INTER COMPLETION NOV 15 2023 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 13 2024

	\$ TOTALS	% DIFF
BALFOUR BEATTY INFRASTRUCTURE INC WILMINGTON, NC	167,243,715.65	-18.4
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	198,569,465.44	-3.2
THALLE - UNITED JV LLC HILLSBOROUGH, NC	203,643,400.36	-0.7
FLATIRON BRANCH CIVIL A JOINT VENTURE BROOMFIELD, CO	229,203,209.86	+11.8
S T WOOTEN CORPORATION WILSON, NC	231,427,133.49	+12.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 16, 2019
DIVISION 00004

C204464

44850.3.26

HSIP-00SS(056)

WAYNE, WILSON, HALIFAX, EDGECOMBE, NASH

W-5704Z

PROPOSAL LENGTH 340.376 MILES

TYPE OF WORK PAVEMENT MARKINGS.

LOCATION US-13, US-70 BUS, US-117, US-158, US-301, 9 NORTH CAROLINA ROUTES, AND 48 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2020..81% OF BID
FY-2021..19% OF BID

RPN 004 3 BIDDER(S) DBE GOAL 0.00%
ESTIMATE 5,447,458.25

DATE AVAILABLE AUG 26 2019

INTER COMPLETION DEC 10 2019 COMPLETE ALL WORK REQUIRED OF MAPS #1 THRU #29 AND MAPS #47 THRU #57

FINAL COMPLETION NOV 15 2020

	\$ TOTALS	% DIFF
PERFORMANCE SEALING & STRIPING INC JACKSONVILLE, NC	3,310,084.70	-39.2
OGLESBY CONSTRUCTION INC NORWALK, OH	3,979,774.15	-26.9
TRP CONSTRUCTION GROUP LLC FORT WORTH, TX	4,143,914.56	-23.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 16, 2019
DIVISION 00013

C204266
36030.3.GV4
NHPP-026-1(199)6
BUNCOMBE, HENDERSON
I-4700

PROPOSAL LENGTH 7.490 MILES

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

LOCATION I-26 FROM NC-280 (EXIT 40) TO I-40.

EST CONST PROGRESS.... FY-2020..29% OF BID
FY-2021..29% OF BID
FY-2022..23% OF BID
FY-2023..15% OF BID
FY-2024..04% OF BID

RPN 003 6 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 236,768,481.10

DATE AVAILABLE AUG 26 2019
INTER COMPLETION NOV 01 2023 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION APR 29 2024

	\$ TOTALS	% DIFF
FLUOR-UNITED JV GREENVILLE, SC	263,010,000.00	+11.1
THE LANE-BLYTHE DEVELOPMENT JV CHARLOTTE, NC	267,399,926.84	+12.9
ARCHER-WRIGHT JV RALEIGH, NC	269,244,900.26	+13.7
VECELLIO & GROGAN INC DBA SHARPE BROTHERS BECKLEY, WV	287,739,333.20	+21.5
FLATIRON BRANCH CIVIL A JOINT VENTURE BROOMFIELD, CO	293,065,681.83	+23.8
JOHNSON BROS CORPORATION, A SOUTHLAND CO ROANOKE, TX	299,995,236.70	+26.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 16, 2019
DIVISION 00013

C204405
48207.3.1
BRZ-1341(004)
MADISON
B-6012

PROPOSAL LENGTH 0.266 MILES

TYPE OF WORK REPLACE FOUR (4) BRIDGES.

LOCATION FOUR (4) BRIDGES IN MADISON COUNTY.

EST CONST PROGRESS.... FY-2020..52% OF BID
FY-2021..39% OF BID
FY-2022..09% OF BID

RPN 006 2 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 3,643,140.00

DATE AVAILABLE AUG 26 2019

FINAL COMPLETION NOV 15 2021

	\$ TOTALS	% DIFF
R.E. BURNS & SONS CO., INC. STATESVILLE, NC	4,127,000.00	+13.3
SUMMERS TAYLOR INC ELIZABETHTON, TN	4,141,500.00	+13.7

ESTIMATE TOTAL	541,910,428.01	
LETTING TOTAL	519,598,174.84	-4.1

**NCDOT August 2019
Board of Transportation Agenda**

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

Professional Services Management

Chief Deputy Secretary

Office of Civil Rights

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

STATEWIDE

Description of work:	2017-2019 Annual Aspirational DBE Goal Setting (Highways, Transit, and Aviation)
Firm:	Ken Weeden & Associates Inc, Wilmington NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	One (1) year time extension only
DBE/MBE/SPSF Utilization:	100%

Deputy Secretary for Multi-Modal Transportation

Public Transportation Division

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

STATEWIDE

Description of work:	2016 Public Transportation Division LSC
Firm:	KFH Group, Incorporated, Bethesda, MD
Original Engineering Fee:	\$750,000.00
Supplemental Fee:	\$250,000.00
DBE/WBE/SPSF Utilization:	100%

Chief Operating Officer

Division of Planning & Programming – Project Management

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

STATEWIDE

Project:	S-0245 – Project Fund Management Assistance
Scope of Work:	Various project fund management activities in SAP and assistance with administration of Powell Bill Program
Firm:	Simpson Engineers & Associates PC, Cary, NC
Original Engineering Fee:	\$248,264.84
Previous Supplemental Fee:	\$250,000.00
Supplemental Fee:	\$251,735.16
DBE/MBE/SPSF Utilization:	100%

Division of Planning and Programming –

STIP, Feasibility Studies, and Strategic Prioritization (SPOT) – Feasibility Studies Unit

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

STATEWIDE

Description of work:	2018 General Programming and Prioritization Services LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Chief Engineer

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 private firms for Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) services on an as needed basis for various federal-aid and state funded projects to support Division 1.

These contracts will expire two (2) years; with an optional one (1) year extension, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 1

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Clark Patterson Engineers, Surveyor, Architects and Landscape Architect, D. P. C., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	Baseline Mobility Group Inc 4% / \$40,000.00
SPSF Utilization:	Allieway Marketing, Inc. 3% / \$30,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 3% / \$30,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	H. W. Lochner, Inc., Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Sungate Design Group PA 7% / \$140,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 4% / \$80,000.00
SPSF Utilization:	The Wooten Company 4% / \$80,000.00
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc 4% / \$80,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 4% / \$80,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESc) LSC

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

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
3% / \$60,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
3% / \$60,000.00

SPSF Utilization: Catlin Engineers and Scientists
2% / \$40,000.00

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

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESc) LSC

Firm: Kisinger Campo & Associates Corp,
Tampa, FL

Maximum Engineering Fee: \$2,000,000.00

DBE/WBE/SPSF Utilization: Dovetail Cultural Resource Group
1% / \$20,000.00

SPSF Utilization: Joyner Keeny PLLC
1% / \$20,000.00

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

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

DBE/WBE/SPSF Utilization: Richard Grubb & Associates (RGA, Inc.)
1% / \$20,000.00

SPSF Utilization: TGS Engineers
1% / \$20,000.00

DBE/WBE Utilization: Three Oaks Engineering
1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESc) LSC

Firm: Modjeski and Masters Inc,
Mechanicsburg, PA

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: Catlin Engineers and Scientists
20% / \$200,000.00

SPSF Utilization: Sungate Design Group PA
20% / \$200,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Mott MacDonald I&E LLC, Pittsburgh, PA

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Axiom Environmental Inc
1% / \$20,000.00

DBE/WBE/SPSF Utilization: Dovetail Cultural Resource Group
1% / \$20,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc
1% / \$20,000.00

SPSF Utilization: The Wooten Company
1% / \$20,000.00

DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
1% / \$20,000.00

SPSF Utilization: The Right of Way Group LLC
1% / \$20,000.00

DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Rummel Klepper & Kahl LLP, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Right of Way Consultants LLC
2% / \$40,000.00

SPSF Utilization: The Right of Way Group LLC
2% / \$40,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Sepi Engineering & Construction Inc, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Hinde Engineering Inc
6% / \$120,000.00

SPSF Utilization: Alpha & Omega Group PC
5% / \$100,000.00

SPSF Utilization: G & A Consulting Engineers, PLLC
1% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Stantec Consulting Services Inc, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$40,000.00
SPSF Utilization:	Right of Way Consultants LLC 2% / \$40,000.00
SPSF Utilization:	Sungate Design Group PA 2% / \$40,000.00
SPSF Utilization:	Alpha & Omega Group PC 1% / \$20,000.00
SPSF Utilization:	Exult Engineering PC 1% / \$20,000.00
SPSF Utilization:	Gradient, PLLC 1% / \$20,000.00
SPSF Utilization:	Hinde Engineering Inc 1% / \$20,000.00
SPSF Utilization:	MI Engineering PLLC 1% / \$20,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$20,000.00
DBE/WBE/SPSF Utilization:	Quest Corporation of America Inc 1% / \$20,000.00
SPSF Utilization:	Catlin Engineers and Scientists 1% / \$20,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb & Associates (RGA, Inc.) 1% / \$20,000.00
SPSF Utilization:	The Right of Way Group LLC 1% / \$20,000.00
SPSF Utilization:	TGS Engineers 1% / \$20,000.00
SPSF Utilization:	Utility Coordination Consultants 1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Stewart, Philadelphia, PA

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
6% / \$120,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
6% / \$120,000.00

SPSF Utilization: The Wooten Company
2% / \$40,000.00

SPSF Utilization: Municipal Engineering Services Company PA
2% / \$40,000.00

DBE/WBE/SPSF Utilization: Richard Grubb & Associates (RGA, Inc.)
1% / \$20,000.00

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

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Summit Design and Engineering Services PLLC, Hillsborough, NC

Maximum Engineering Fee: \$2,000,000.00

DBE/WBE Utilization: Three Oaks Engineering
12.5% / \$250,000.00

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

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: TGS Engineers, Shelby, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Timmons Group Inc, Raleigh, NC

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: TGS Engineers
10% / \$100,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Vaughn & Melton Consulting Engineers Inc, Asheville, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	MI Engineering PLLC 3% / \$60,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 3% / \$60,000.00
SPSF Utilization:	Catlin Engineers and Scientists 2% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	VHB Engineering NC, P.C., Watertown, MA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	TGS Engineers 5% / \$100,000.00
SPSF Utilization:	Sungate Design Group PA 3% / \$60,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$40,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 1% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Wood Environment & Infrastructure Solutions Inc, Alpharetta, GA
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE Utilization:	Three Oaks Engineering 10% / \$200,000.00
SPSF Utilization:	Hinde Engineering Inc 5% / \$100,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	WSP USA Inc, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Utility Coordination Consultants 3% / \$60,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC 2% / \$40,000.00

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 private firms for Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) services on an as needed basis for various federal-aid and state funded projects to support Division 2. These contracts will expire two (2) years; with an optional one (1) year extension, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 2

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Alfred Benesch & Company, Chicago, IL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	MI Engineering PLLC 15% / \$150,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 15% / \$150,000.00
SPSF Utilization:	Sungate Design Group PA 8% / \$80,000.00
SPSF Utilization:	The Wooten Company 6% / \$60,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	American Engineering Associates Southeast PA, Charlotte, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Arcadis G&M of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	MI Engineering PLLC 1% / \$10,000.00
SPSF Utilization:	The Right of Way Group LLC 1% / \$10,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 1% / \$10,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Atkins North America Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Hinde Engineering Inc 5% / \$50,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$50,000.00
DBE/WBE Utilization:	Three Oaks Engineering 5% / \$50,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 4% / \$40,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 2% / \$20,000.00
SPSF Utilization:	The Wooten Company 2% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: CDM Smith Inc,
Atlanta, GA

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: MI Engineering PLLC
5% / \$50,000.00

SPSF Utilization: Sungate Design Group PA
5% / \$50,000.00

DBE/WBE Utilization: Three Oaks Engineering
5% / \$50,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Clark Nexsen, Inc.,
Raleigh, NC

Maximum Engineering Fee: \$1,000,000.00

DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
10% / \$100,000.00

SPSF Utilization: Davis Martin Powell & Associates Inc
7% / \$70,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Dewberry Engineers Inc,
Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
10% / \$200,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
5% / \$100,000.00

SPSF Utilization: The Right of Way Group LLC
4% / \$80,000.00

DBE/WBE/SPSF Utilization: Quest Corporation of America Inc
3% / \$60,000.00

DBE/WBE/SPSF Utilization: Richard Grubb & Associates (RGA, Inc.)
3% / \$60,000.00

DBE/WBE Utilization: Three Oaks Engineering
2% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	EL Robinson Engineering Co, Charleston, WV
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Pinecone Transportation Professionals PLLC 10% / \$100,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 10% / \$100,000.00
SPSF Utilization:	Davis Martin Powell & Associates Inc 5% / \$50,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 9% / \$180,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 3% / \$60,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 2% / \$40,000.00
SPSF Utilization:	Gradient, PLLC 1% / \$20,000.00
SPSF Utilization:	Joyner Keeny PLLC 1% / \$20,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$20,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 1% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$100,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$100,000.00
SPSF Utilization:	The Wooten Company 5% / \$100,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Kimley-Horn & Associates Inc, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 3% / \$60,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 3% / \$60,000.00
SPSF Utilization:	Catlin Engineers and Scientists 2% / \$40,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 1% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group 1% / \$10,000.00
SPSF Utilization:	Joyner Keeny PLLC 1% / \$10,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 1% / \$10,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 1% / \$10,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb & Associates (RGA, Inc.) 1% / \$10,000.00
SPSF Utilization:	TGS Engineers 1% / \$10,000.00
DBE/WBE Utilization:	Three Oaks Engineering 1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: LJB Inc,
Miamisburg, OH

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: Jewell Engineering Consultants, PC
5% / \$50,000.00

SPSF Utilization: Hinde Engineering Inc
5% / \$50,000.00

SPSF Utilization: MI Engineering PLLC
5% / \$50,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Michael Baker Engineering Inc,
Cary, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Sungate Design Group PA
10% / \$200,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Ramey Kemp & Associates Inc,
Atlanta, GA

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

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

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Carolina Ecosystems Inc
2% / \$40,000.00

SPSF Utilization: Clearbox Forecast Group PLLC
2% / \$40,000.00

DBE/WBE/SPSF Utilization: Planning Communities, LLC
1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Sepi Engineering & Construction Inc, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Hinde Engineering Inc
6% / \$120,000.00

SPSF Utilization: Alpha & Omega Group PC
5% / \$100,000.00

SPSF Utilization: G & A Consulting Engineers, PLLC
1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Summit Design and Engineering Services PLLC, Hillsborough, NC

Maximum Engineering Fee: \$1,000,000.00

DBE/WBE Utilization: Three Oaks Engineering
12.5% / \$125,000.00

DBE/MBE/SPSF Utilization: Accelerate Engineering PLLC
5% / \$50,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Thompson Engineering Inc, Mobile, AL

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: Sungate Design Group PA
10% / \$100,000.00

SPSF Utilization: Hinde Engineering Inc
8% / \$80,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Vaughn & Melton Consulting Engineers Inc, Asheville, NC

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: MI Engineering PLLC
3% / \$30,000.00

DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
3% / \$30,000.00

SPSF Utilization: Catlin Engineers and Scientists
2% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESG) LSC
Firm:	Volkert Inc, Birmingham, AL
Maximum Engineering Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 5% / \$50,000.00
DBE/WBE/SPSF Utilization:	Westcott Small & Associates PLLC 5% / \$50,000.00
DBE/WBE/SPSF Utilization:	Quest Corporation of America Inc 2% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESG) LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESG) LSC
Firm:	WSP USA Inc, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Utility Coordination Consultants 3% / \$60,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC 2% / \$40,000.00

Division 3

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 Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) services on an as needed basis for various federal-aid and state funded projects to support Division 3. These contracts will expire two (2) years; with an optional one (1) year extension, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 3

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Alfred Benesch & Company, Chicago, IL
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	MI Engineering PLLC 15% / \$300,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 15% / \$300,000.00
SPSF Utilization:	Sungate Design Group PA 8% / \$160,000.00
SPSF Utilization:	The Wooten Company 6% / \$120,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Arcadis G&M of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	MI Engineering PLLC 1% / \$20,000.00
SPSF Utilization:	The Right of Way Group LLC 1% / \$20,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Atkins North America Inc,
Raleigh, NC

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: Hinde Engineering Inc
5% / \$150,000.00

SPSF Utilization: MI Engineering PLLC
5% / \$150,000.00

DBE/WBE Utilization: Three Oaks Engineering
5% / \$150,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
4% / \$120,000.00

SPSF Utilization: Clearbox Forecast Group PLLC
2% / \$60,000.00

SPSF Utilization: The Wooten Company
2% / \$60,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: CALYX Engineers and Consultants Inc,
Raleigh, NC

Maximum Engineering Fee: \$5,000,000.00

SPSF Utilization: Hinde Engineering Inc
2% / \$100,000.00

SPSF Utilization: MI Engineering PLLC
2% / \$100,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
1% / \$50,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: CDM Smith Inc,
Atlanta, GA

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: MI Engineering PLLC
5% / \$150,000.00

SPSF Utilization: Sungate Design Group PA
5% / \$150,000.00

DBE/WBE Utilization: Three Oaks Engineering
5% / \$150,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	H. W. Lochner, Inc., Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Sungate Design Group PA 7% / \$140,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 4% / \$80,000.00
SPSF Utilization:	The Wooten Company 4% / \$80,000.00
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc 4% / \$80,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 4% / \$80,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Hardesty & Hanover LLP, New York, NY
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	TGS Engineers 15% / \$300,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 7.5% / \$150,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 9% / \$450,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 3% / \$150,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 2% / \$100,000.00
SPSF Utilization:	Gradient, PLLC 1% / \$50,000.00
SPSF Utilization:	Joyner Keeny PLLC 1% / \$50,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$50,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 1% / \$50,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$250,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$250,000.00
SPSF Utilization:	The Wooten Company 5% / \$250,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESc) LSC
Firm:	Jacobs Engineering Group Inc., St. Louis, MO
Maximum Engineering Fee:	\$2,000,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 10% / \$200,000.00
DBE/WBE Utilization:	Three Oaks Engineering 10% / \$200,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 5% / \$100,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$100,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 3% / \$60,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESc) LSC
Firm:	John Davenport Engineering Inc, Winston-Salem, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESc) LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 10% / \$200,000.00
DBE/WBE Utilization:	Three Oaks Engineering 6% / \$120,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$100,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$40,000.00
DBE/MBE/SPSF Utilization:	Accelerate Engineering PLLC 1% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	LJB Inc, Miamisburg, OH
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Jewell Engineering Consultants, PC 5% / \$100,000.00
SPSF Utilization:	Hinde Engineering Inc 5% / \$100,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$100,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Michael Baker Engineering Inc, Cary, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Sungate Design Group PA 10% / \$300,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Parsons Transportation Group Inc., Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
DBE/WBE Utilization:	Three Oaks Engineering 10% / \$400,000.00
SPSF Utilization:	Sungate Design Group PA 10% / \$400,000.00
SPSF Utilization:	Hinde Engineering Inc 5% / \$200,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$200,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 2% / \$80,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

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

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Carolina Ecosystems Inc
2% / \$80,000.00

SPSF Utilization: Clearbox Forecast Group PLLC
2% / \$80,000.00

DBE/WBE/SPSF Utilization: Planning Communities, LLC
1% / \$40,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Rummel Klepper & Kahl LLP, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Right of Way Consultants LLC
2% / \$40,000.00

SPSF Utilization: The Right of Way Group LLC
2% / \$40,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Sepi Engineering & Construction Inc, Raleigh, NC

Maximum Engineering Fee: \$5,000,000.00

SPSF Utilization: Hinde Engineering Inc
6% / \$300,000.00

SPSF Utilization: Alpha & Omega Group PC
5% / \$250,000.00

SPSF Utilization: G & A Consulting Engineers, PLLC
1% / \$50,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Simpson Engineers & Associates PC, Cary, NC

Maximum Engineering Fee: \$2,000,000.00

DBE/MBE/SPSF Utilization: 100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Stantec Consulting Services Inc, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$100,000.00
SPSF Utilization:	Right of Way Consultants LLC 2% / \$100,000.00
SPSF Utilization:	Sungate Design Group PA 2% / \$100,000.00
SPSF Utilization:	Alpha & Omega Group PC 1% / \$50,000.00
SPSF Utilization:	Exult Engineering PC 1% / \$50,000.00
SPSF Utilization:	Gradient, PLLC 1% / \$50,000.00
SPSF Utilization:	Hinde Engineering Inc 1% / \$50,000.00
SPSF Utilization:	MI Engineering PLLC 1% / \$50,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$50,000.00
DBE/WBE/SPSF Utilization:	Quest Corporation of America Inc 1% / \$50,000.00
SPSF Utilization:	Catlin Engineers and Scientists 1% / \$50,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb & Associates (RGA, Inc.) 1% / \$50,000.00
SPSF Utilization:	The Right of Way Group LLC 1% / \$50,000.00
SPSF Utilization:	TGS Engineers 1% / \$50,000.00
SPSF Utilization:	Utility Coordination Consultants 1% / \$50,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Stewart, Philadelphia, PA

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
6% / \$120,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
6% / \$120,000.00

SPSF Utilization: The Wooten Company
2% / \$40,000.00

SPSF Utilization: Municipal Engineering Services Company PA
2% / \$40,000.00

DBE/WBE/SPSF Utilization: Richard Grubb & Associates (RGA, Inc.)
1% / \$20,000.00

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

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: STV Engineers, Inc., Charlotte, NC

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: Carolinas Geotechnical Group, PLLC
2% / \$60,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
1% / \$30,000.00

DBE/WBE/SPSF Utilization: Mattson, Alexander and Associates, Inc.
1% / \$30,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: TGS Engineers, Shelby, NC

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Wetherill Engineering, Inc.,
Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Wood Environment & Infrastructure Solutions Inc,
Alpharetta, GA
Maximum Engineering Fee: \$2,000,000.00
DBE/WBE Utilization: Three Oaks Engineering
10% / \$200,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$100,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: WSP USA Inc,
Raleigh, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: Utility Coordination Consultants
3% / \$60,000.00
DBE/MBE/SPSF Utilization: Public Participation Partners LLC
2% / \$40,000.00

Division 4

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 Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) services on an as needed basis for various federal-aid and state funded projects to support Division 4. These contracts will expire two (2) years; with an optional one (1) year extension, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 4

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Alpha & Omega Group PC, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Arcadis G&M of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	MI Engineering PLLC 1% / \$10,000.00
SPSF Utilization:	The Right of Way Group LLC 1% / \$10,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Atkins North America Inc, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Hinde Engineering Inc
5% / \$100,000.00

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

DBE/WBE Utilization: Three Oaks Engineering
5% / \$100,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
4% / \$80,000.00

SPSF Utilization: Clearbox Forecast Group PLLC
2% / \$40,000.00

SPSF Utilization: The Wooten Company
2% / \$40,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: CALYX Engineers and Consultants Inc, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Hinde Engineering Inc
2% / \$40,000.00

SPSF Utilization: MI Engineering PLLC
2% / \$40,000.00

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

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: CDM Smith Inc, Atlanta, GA

Maximum Engineering Fee: \$2,000,000.00

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

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

DBE/WBE Utilization: Three Oaks Engineering
5% / \$100,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	CH Engineering PLLC, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	DRMP Inc, Orlando, FL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$50,000.00
SPSF Utilization:	Carolinas Geotechnical Group, PLLC 3% / \$30,000.00
SPSF Utilization:	Hinde Engineering Inc 3% / \$30,000.00
SPSF Utilization:	Environmental Services Inc 2% / \$20,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 2% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	EL Robinson Engineering Co, Charleston, WV
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Pinecone Transportation Professionals PLLC 10% / \$100,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 10% / \$100,000.00
SPSF Utilization:	Davis Martin Powell & Associates Inc 5% / \$50,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Gannett Fleming Inc, Philadelphia, PA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Progressive Design Group, Inc. 5% / \$150,000.00
SPSF Utilization:	MI Engineering PLLC 4% / \$120,000.00
SPSF Utilization:	Sungate Design Group PA 4% / \$120,000.00
DBE/WBE Utilization:	Three Oaks Engineering 4% / \$120,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 9% / \$270,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 3% / \$90,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 2% / \$60,000.00
SPSF Utilization:	Gradient, PLLC 1% / \$30,000.00
SPSF Utilization:	Joyner Keeny PLLC 1% / \$30,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$30,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 1% / \$30,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$150,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$150,000.00
SPSF Utilization:	The Wooten Company 5% / \$150,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	ICE of Carolinas PLLC, Ladson, SC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Catlin Engineers and Scientists 10% / \$100,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Maximum Engineering Fee:	\$4,000,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group 1% / \$40,000.00
SPSF Utilization:	Joyner Keeny PLLC 1% / \$40,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 1% / \$40,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 1% / \$40,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb & Associates (RGA, Inc.) 1% / \$40,000.00
SPSF Utilization:	TGS Engineers 1% / \$40,000.00
DBE/WBE Utilization:	Three Oaks Engineering 1% / \$40,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Michael Baker Engineering Inc,
Cary, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: Sungate Design Group PA
10% / \$200,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Moffatt & Nichol Incorporated,
Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: Progressive Design Group, Inc.
5% / \$50,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
4% / \$40,000.00
SPSF Utilization: Joyner Keeny PLLC
4% / \$40,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Mott MacDonald I&E LLC,
Pittsburgh, PA
Maximum Engineering Fee: \$4,000,000.00
SPSF Utilization: Axiom Environmental Inc
1% / \$40,000.00
DBE/WBE/SPSF Utilization: Dovetail Cultural Resource Group
1% / \$40,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
1% / \$40,000.00
SPSF Utilization: The Wooten Company
1% / \$40,000.00
DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
1% / \$40,000.00
SPSF Utilization: The Right of Way Group LLC
1% / \$40,000.00
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
1% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	MS Consultants Inc, Youngstown, OH
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$50,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$50,000.00
DBE/WBE Utilization:	Three Oaks Engineering 5% / \$50,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Parrish and Partners of North Carolina LLC, Columbia, SC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Progressive Design Group, Inc. 10% / \$100,000.00
SPSF Utilization:	Utility Coordination Consultants 5% / \$50,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Parsons Transportation Group Inc., Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE Utilization:	Three Oaks Engineering 10% / \$200,000.00
SPSF Utilization:	Sungate Design Group PA 10% / \$200,000.00
SPSF Utilization:	Hinde Engineering Inc 5% / \$100,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$100,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 2% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Right of Way Consultants LLC 2% / \$40,000.00
SPSF Utilization:	The Right of Way Group LLC 2% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Sepi Engineering & Construction Inc, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Hinde Engineering Inc 6% / \$120,000.00
SPSF Utilization:	Alpha & Omega Group PC 5% / \$100,000.00
SPSF Utilization:	G & A Consulting Engineers, PLLC 1% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Simpson Engineers & Associates PC, Cary, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Stantec Consulting Services Inc, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$40,000.00
SPSF Utilization:	Right of Way Consultants LLC 2% / \$40,000.00
SPSF Utilization:	Sungate Design Group PA 2% / \$40,000.00
SPSF Utilization:	Alpha & Omega Group PC 1% / \$20,000.00
SPSF Utilization:	Exult Engineering PC 1% / \$20,000.00
SPSF Utilization:	Gradient, PLLC 1% / \$20,000.00
SPSF Utilization:	Hinde Engineering Inc 1% / \$20,000.00
SPSF Utilization:	MI Engineering PLLC 1% / \$20,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$20,000.00
DBE/WBE/SPSF Utilization:	Quest Corporation of America Inc 1% / \$20,000.00
SPSF Utilization:	Catlin Engineers and Scientists 1% / \$20,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb & Associates (RGA, Inc.) 1% / \$20,000.00
SPSF Utilization:	The Right of Way Group LLC 1% / \$20,000.00
SPSF Utilization:	TGS Engineers 1% / \$20,000.00
SPSF Utilization:	Utility Coordination Consultants 1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: STV Engineers, Inc.,
Charlotte, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Carolinas Geotechnical Group, PLLC
2% / \$40,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
1% / \$20,000.00

DBE/WBE/SPSF Utilization: Mattson, Alexander and Associates, Inc.
1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Summit Design and Engineering Services PLLC,
Hillsborough, NC

Maximum Engineering Fee: \$2,000,000.00

DBE/WBE Utilization: Three Oaks Engineering
12.5% / \$250,000.00

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

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: TGS Engineers,
Shelby, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: VHB Engineering NC, P.C.,
Watertown, MA

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: TGS Engineers
5% / \$150,000.00

SPSF Utilization: Sungate Design Group PA
3% / \$90,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc
2% / \$60,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
1% / \$30,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Volkert Inc, Birmingham, AL
Maximum Engineering Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 5% / \$50,000.00
DBE/WBE/SPSF Utilization:	Westcott Small & Associates PLLC 5% / \$50,000.00
DBE/WBE/SPSF Utilization:	Quest Corporation of America Inc 2% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	WSP USA Inc, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Utility Coordination Consultants 3% / \$60,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC 2% / \$40,000.00

Division 5

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 Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) services on an as needed basis for various federal-aid and state funded projects to support Division 5. These contracts will expire two (2) years; with an optional one (1) year extension, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 5

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	ATCS PLLC, Herndon, VA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	TGS Engineers 8% / \$160,000.00
SPSF Utilization:	Alpha & Omega Group PC 2% / \$40,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$40,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 1% / \$20,000.00
SPSF Utilization:	The Wooten Company 1% / \$20,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Atkins North America Inc, Raleigh, NC

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Hinde Engineering Inc
5% / \$200,000.00

SPSF Utilization: MI Engineering PLLC
5% / \$200,000.00

DBE/WBE Utilization: Three Oaks Engineering
5% / \$200,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
4% / \$160,000.00

SPSF Utilization: Clearbox Forecast Group PLLC
2% / \$80,000.00

SPSF Utilization: The Wooten Company
2% / \$80,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: CALYX Engineers and Consultants Inc, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Hinde Engineering Inc
2% / \$40,000.00

SPSF Utilization: MI Engineering PLLC
2% / \$40,000.00

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

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: CDM Smith Inc, Atlanta, GA

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: MI Engineering PLLC
5% / \$50,000.00

SPSF Utilization: Sungate Design Group PA
5% / \$50,000.00

DBE/WBE Utilization: Three Oaks Engineering
5% / \$50,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Dewberry Engineers Inc, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 10% / \$200,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 5% / \$100,000.00
SPSF Utilization:	The Right of Way Group LLC 4% / \$80,000.00
DBE/WBE/SPSF Utilization:	Quest Corporation of America Inc 3% / \$60,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb & Associates (RGA, Inc.) 3% / \$60,000.00
DBE/WBE Utilization:	Three Oaks Engineering 2% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	H. W. Lochner, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Sungate Design Group PA 7% / \$70,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 4% / \$40,000.00
SPSF Utilization:	The Wooten Company 4% / \$40,000.00
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc 4% / \$40,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 4% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 9% / \$450,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 3% / \$150,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 2% / \$100,000.00
SPSF Utilization:	Gradient, PLLC 1% / \$50,000.00
SPSF Utilization:	Joyner Keeny PLLC 1% / \$50,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$50,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 1% / \$50,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$200,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$200,000.00
SPSF Utilization:	The Wooten Company 5% / \$200,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: KCI Associates of North Carolina PA, Baltimore, MD

Maximum Engineering Fee: \$1,000,000.00

DBE/WBE/SPSF Utilization: Planning Communities, LLC
10% / \$100,000.00

DBE/WBE Utilization: Three Oaks Engineering
6% / \$60,000.00

SPSF Utilization: Sungate Design Group PA
5% / \$50,000.00

SPSF Utilization: Hinde Engineering Inc
2% / \$20,000.00

DBE/MBE/SPSF Utilization: Accelerate Engineering PLLC
1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

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

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
3% / \$90,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
3% / \$90,000.00

SPSF Utilization: Catlin Engineers and Scientists
2% / \$60,000.00

DBE/WBE/SPSF Utilization: New South Associates Inc
1% / \$30,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Mead & Hunt Inc, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Davis Martin Powell & Associates Inc
3% / \$60,000.00

DBE/MBE/SPSF Utilization: Public Participation Partners LLC
2% / \$40,000.00

SPSF Utilization: The Right of Way Group LLC
2% / \$40,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Mott MacDonald I&E LLC,
Pittsburgh, PA

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Axiom Environmental Inc
1% / \$20,000.00

DBE/WBE/SPSF Utilization: Dovetail Cultural Resource Group
1% / \$20,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc
1% / \$20,000.00

SPSF Utilization: The Wooten Company
1% / \$20,000.00

DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
1% / \$20,000.00

SPSF Utilization: The Right of Way Group LLC
1% / \$20,000.00

DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Ramey Kemp & Associates Inc,
Atlanta, GA

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Rummel Klepper & Kahl LLP,
Raleigh, NC

Maximum Engineering Fee: \$5,000,000.00

SPSF Utilization: Right of Way Consultants LLC
2% / \$100,000.00

SPSF Utilization: The Right of Way Group LLC
2% / \$100,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Sepi Engineering & Construction Inc, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Hinde Engineering Inc
6% / \$120,000.00

SPSF Utilization: Alpha & Omega Group PC
5% / \$100,000.00

SPSF Utilization: G & A Consulting Engineers, PLLC
1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Simpson Engineers & Associates PC, Cary, NC

Maximum Engineering Fee: \$2,000,000.00

DBE/MBE/SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Stewart, Philadelphia, PA

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
6% / \$120,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
6% / \$120,000.00

SPSF Utilization: The Wooten Company
2% / \$40,000.00

SPSF Utilization: Municipal Engineering Services Company PA
2% / \$40,000.00

DBE/WBE/SPSF Utilization: Richard Grubb & Associates (RGA, Inc.)
1% / \$20,000.00

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

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Summit Design and Engineering Services PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE Utilization:	Three Oaks Engineering 12.5% / \$250,000.00
DBE/MBE/SPSF Utilization:	Accelerate Engineering PLLC 5% / \$100,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	VHB Engineering NC, P.C., Watertown, MA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	TGS Engineers 5% / \$200,000.00
SPSF Utilization:	Sungate Design Group PA 3% / \$120,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$80,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 1% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	WSP USA Inc, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Utility Coordination Consultants 3% / \$90,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC 2% / \$60,000.00

Division 6

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 Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) services on an as needed basis for various federal-aid and state funded projects to support Division 6. These contracts will expire two (2) years; with an optional one (1) year extension, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 6

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	CALYX Engineers and Consultants Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$20,000.00
SPSF Utilization:	MI Engineering PLLC 2% / \$20,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 1% / \$10,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	CDM Smith Inc, Atlanta, GA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$50,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$50,000.00
DBE/WBE Utilization:	Three Oaks Engineering 5% / \$50,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Dewberry Engineers Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 10% / \$100,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 5% / \$50,000.00
SPSF Utilization:	The Right of Way Group LLC 4% / \$40,000.00
DBE/WBE/SPSF Utilization:	Quest Corporation of America Inc 3% / \$30,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb & Associates (RGA, Inc.) 3% / \$30,000.00
DBE/WBE Utilization:	Three Oaks Engineering 2% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Gannett Fleming Inc, Philadelphia, PA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Progressive Design Group, Inc. 5% / \$50,000.00
SPSF Utilization:	MI Engineering PLLC 4% / \$40,000.00
SPSF Utilization:	Sungate Design Group PA 4% / \$40,000.00
DBE/WBE Utilization:	Three Oaks Engineering 4% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	H. W. Lochner, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Sungate Design Group PA 7% / \$70,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 4% / \$40,000.00
SPSF Utilization:	The Wooten Company 4% / \$40,000.00
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc 4% / \$40,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 4% / \$40,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 9% / \$90,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 3% / \$30,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 2% / \$20,000.00
SPSF Utilization:	Gradient, PLLC 1% / \$10,000.00
SPSF Utilization:	Joyner Keeny PLLC 1% / \$10,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$10,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: ICE of Carolinas PLLC,
Ladson, SC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: Catlin Engineers and Scientists
10% / \$100,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: John Davenport Engineering Inc,
Winston-Salem, NC
Maximum Engineering Fee: \$1,000,000.00
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: KCI Associates of North Carolina PA,
Baltimore, MD
Maximum Engineering Fee: \$1,000,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC
10% / \$100,000.00
DBE/WBE Utilization: Three Oaks Engineering
6% / \$60,000.00
SPSF Utilization: Sungate Design Group PA
5% / \$50,000.00
SPSF Utilization: Hinde Engineering Inc
2% / \$20,000.00
DBE/MBE/SPSF Utilization: Accelerate Engineering PLLC
1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: LJB Inc,
Miamisburg, OH
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: Jewell Engineering Consultants, PC
5% / \$50,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$50,000.00
SPSF Utilization: MI Engineering PLLC
5% / \$50,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Michael Baker Engineering Inc,
Cary, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: Sungate Design Group PA
10% / \$100,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Moffatt & Nichol Incorporated,
Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: Progressive Design Group, Inc.
5% / \$50,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
4% / \$40,000.00
SPSF Utilization: Joyner Keeny PLLC
4% / \$40,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Mott MacDonald I&E LLC,
Pittsburgh, PA
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: Axiom Environmental Inc
1% / \$10,000.00
DBE/WBE/SPSF Utilization: Dovetail Cultural Resource Group
1% / \$10,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
1% / \$10,000.00
SPSF Utilization: The Wooten Company
1% / \$10,000.00
DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
1% / \$10,000.00
SPSF Utilization: The Right of Way Group LLC
1% / \$10,000.00
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

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

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: Carolina Ecosystems Inc
2% / \$20,000.00

SPSF Utilization: Clearbox Forecast Group PLLC
2% / \$20,000.00

DBE/WBE/SPSF Utilization: Planning Communities, LLC
1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Rummel Klepper & Kahl LLP, Raleigh, NC

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: Right of Way Consultants LLC
2% / \$20,000.00

SPSF Utilization: The Right of Way Group LLC
2% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Sepi Engineering & Construction Inc, Raleigh, NC

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: Hinde Engineering Inc
6% / \$60,000.00

SPSF Utilization: Alpha & Omega Group PC
5% / \$50,000.00

SPSF Utilization: G & A Consulting Engineers, PLLC
1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Simpson Engineers & Associates PC, Cary, NC

Maximum Engineering Fee: \$1,000,000.00

DBE/MBE/SPSF Utilization: 100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Stantec Consulting Services Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$20,000.00
SPSF Utilization:	Right of Way Consultants LLC 2% / \$20,000.00
SPSF Utilization:	Sungate Design Group PA 2% / \$20,000.00
SPSF Utilization:	Alpha & Omega Group PC 1% / \$10,000.00
SPSF Utilization:	Exult Engineering PC 1% / \$10,000.00
SPSF Utilization:	Gradient, PLLC 1% / \$10,000.00
SPSF Utilization:	Hinde Engineering Inc 1% / \$10,000.00
SPSF Utilization:	MI Engineering PLLC 1% / \$10,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$10,000.00
DBE/WBE/SPSF Utilization:	Quest Corporation of America Inc 1% / \$10,000.00
SPSF Utilization:	Catlin Engineers and Scientists 1% / \$10,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb & Associates (RGA, Inc.) 1% / \$10,000.00
SPSF Utilization:	The Right of Way Group LLC 1% / \$10,000.00
SPSF Utilization:	TGS Engineers 1% / \$10,000.00
SPSF Utilization:	Utility Coordination Consultants 1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: STV Engineers, Inc.,
Charlotte, NC

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: Carolinas Geotechnical Group, PLLC
2% / \$20,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
1% / \$10,000.00

DBE/WBE/SPSF Utilization: Mattson, Alexander and Associates, Inc.
1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Summit Design and Engineering Services PLLC,
Hillsborough, NC

Maximum Engineering Fee: \$1,000,000.00

DBE/WBE Utilization: Three Oaks Engineering
12.5% / \$125,000.00

DBE/MBE/SPSF Utilization: Accelerate Engineering PLLC
5% / \$50,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: TGS Engineers,
Shelby, NC

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: VHB Engineering NC, P.C.,
Watertown, MA

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: TGS Engineers
5% / \$50,000.00

SPSF Utilization: Sungate Design Group PA
3% / \$30,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc
2% / \$20,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
1% / \$10,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Wetherill Engineering, Inc.,
Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Whitman Requardt and Associates LLP,
Baltimore, MD
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: MI Engineering PLLC
5% / \$50,000.00
SPSF Utilization: The Wooten Company
2% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: WSP USA Inc,
Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: Utility Coordination Consultants
3% / \$30,000.00
DBE/MBE/SPSF Utilization: Public Participation Partners LLC
2% / \$20,000.00

Division 7

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 Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) services on an as needed basis for various federal-aid and state funded projects to support Division 7. These contracts will expire two (2) years; with an optional one (1) year extension, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 7

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	A. Morton Thomas & Associates Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 3% / \$30,000.00
SPSF Utilization:	Right of Way Consultants LLC 3% / \$30,000.00
DBE/WBE Utilization:	Three Oaks Engineering 3% / \$30,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 3% / \$30,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 2% / \$20,000.00
SPSF Utilization:	CZR Incorporated 1% / \$10,000.00
Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: CALYX Engineers and Consultants Inc, Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Hinde Engineering Inc
2% / \$40,000.00

SPSF Utilization: MI Engineering PLLC
2% / \$40,000.00

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

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Dewberry Engineers Inc, Raleigh, NC

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
10% / \$100,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
5% / \$50,000.00

SPSF Utilization: The Right of Way Group LLC
4% / \$40,000.00

DBE/WBE/SPSF Utilization: Quest Corporation of America Inc
3% / \$30,000.00

DBE/WBE/SPSF Utilization: Richard Grubb & Associates (RGA, Inc.)
3% / \$30,000.00

DBE/WBE Utilization: Three Oaks Engineering
2% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Gannett Fleming Inc, Philadelphia, PA

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Progressive Design Group, Inc.
5% / \$100,000.00

SPSF Utilization: MI Engineering PLLC
4% / \$80,000.00

SPSF Utilization: Sungate Design Group PA
4% / \$80,000.00

DBE/WBE Utilization: Three Oaks Engineering
4% / \$80,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 9% / \$135,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 3% / \$45,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 2% / \$30,000.00
SPSF Utilization:	Gradient, PLLC 1% / \$15,000.00
SPSF Utilization:	Joyner Keeny PLLC 1% / \$15,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 1% / \$15,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 1% / \$15,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$75,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$75,000.00
SPSF Utilization:	The Wooten Company 5% / \$75,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Jacobs Engineering Group Inc., St. Louis, MO
Maximum Engineering Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 10% / \$100,000.00
DBE/WBE Utilization:	Three Oaks Engineering 10% / \$100,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 5% / \$50,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$50,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 3% / \$30,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	John Davenport Engineering Inc, Winston-Salem, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Johnson Mirmiran & Thompson Inc, Hunt Valley, MD
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$75,000.00
SPSF Utilization:	Hinde Engineering Inc 4% / \$60,000.00
SPSF Utilization:	The Wooten Company 4% / \$60,000.00
SPSF Utilization:	Pinecone Transportation Professionals PLLC 4% / \$60,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 4% / \$60,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

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

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
3% / \$60,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
3% / \$60,000.00

SPSF Utilization: Catlin Engineers and Scientists
2% / \$40,000.00

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

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: MA Engineering Consultants Inc,
Cary, NC

Maximum Engineering Fee: \$1,000,000.00

SPSF Utilization: MI Engineering PLLC
3% / \$30,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
2% / \$20,000.00

SPSF Utilization: Rivers & Associates Inc
2% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Mead & Hunt Inc,
Raleigh, NC

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: Davis Martin Powell & Associates Inc
3% / \$45,000.00

DBE/MBE/SPSF Utilization: Public Participation Partners LLC
2% / \$30,000.00

SPSF Utilization: The Right of Way Group LLC
2% / \$30,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Moffatt & Nichol Incorporated, Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	Progressive Design Group, Inc. 5% / \$75,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 4% / \$60,000.00
SPSF Utilization:	Joyner Keeny PLLC 4% / \$60,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Axiom Environmental Inc 1% / \$20,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group 1% / \$20,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 1% / \$20,000.00
SPSF Utilization:	The Wooten Company 1% / \$20,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 1% / \$20,000.00
SPSF Utilization:	The Right of Way Group LLC 1% / \$20,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Parsons Transportation Group Inc.,
Raleigh, NC

Maximum Engineering Fee: \$1,500,000.00

DBE/WBE Utilization: Three Oaks Engineering
10% / \$150,000.00

SPSF Utilization: Sungate Design Group PA
10% / \$150,000.00

SPSF Utilization: Hinde Engineering Inc
5% / \$75,000.00

SPSF Utilization: MI Engineering PLLC
5% / \$75,000.00

SPSF Utilization: Thigpen Engineering & Consulting, PLLC
2% / \$30,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Ramey Kemp & Associates Inc,
Atlanta, GA

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: 100%

Description of Work: 2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

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

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: Carolina Ecosystems Inc
2% / \$30,000.00

SPSF Utilization: Clearbox Forecast Group PLLC
2% / \$30,000.00

DBE/WBE/SPSF Utilization: Planning Communities, LLC
1% / \$15,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Rummel Klepper & Kahl LLP,
Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Right of Way Consultants LLC
2% / \$40,000.00

SPSF Utilization: The Right of Way Group LLC
2% / \$40,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Sepi Engineering & Construction Inc,
Raleigh, NC

Maximum Engineering Fee: \$2,000,000.00

SPSF Utilization: Hinde Engineering Inc
6% / \$120,000.00

SPSF Utilization: Alpha & Omega Group PC
5% / \$100,000.00

SPSF Utilization: G & A Consulting Engineers, PLLC
1% / \$20,000.00

Description of Work: 2019 Eastern Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC

Firm: Simpson Engineers & Associates PC,
Cary, NC

Maximum Engineering Fee: \$1,500,000.00

DBE/MBE/SPSF Utilization: 100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Stewart, Philadelphia, PA
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 6% / \$90,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 6% / \$90,000.00
SPSF Utilization:	The Wooten Company 2% / \$30,000.00
SPSF Utilization:	Municipal Engineering Services Company PA 2% / \$30,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb & Associates (RGA, Inc.) 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 1% / \$15,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	Carolinas Geotechnical Group, PLLC 2% / \$40,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 1% / \$20,000.00
DBE/WBE/SPSF Utilization:	Mattson, Alexander and Associates, Inc. 1% / \$20,000.00

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	100%

Description of Work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Wood Environment & Infrastructure Solutions Inc, Alpharetta, GA
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE Utilization:	Three Oaks Engineering 10% / \$200,000.00
SPSF Utilization:	Hinde Engineering Inc 5% / \$100,000.00

Division 5, 7-9

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

DIVISIONS 5, 7-9

Description of work:	2016 Divisions 5, 7, 8, and 9 Planning and Design LSC
Firm:	Kimley-Horn & Associates Inc, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$4,000,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 2% / \$80,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 4% / \$160,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 6% / \$240,000.00
SPSF Utilization:	Spanish Speaking LLC 2% / \$80,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$80,000.00

Division 12

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 12

Description of work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$7,000,000.00
SPSF Utilization:	0%

Statewide

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

STATEWIDE

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

Turnpike Authority

Turnpike Authority

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

STATEWIDE

Description of work:	2015-2018 Toll Operation Services LSC
Firm:	Atkins North America Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$5,500,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

**NCDOT AUGUST 2019 BOARD OF TRANSPORTATION AGENDA
Secondary Road Improvement Projects (Highway and Trust Funds)**

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

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

NCDOT August 2019 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 3				
Onslow	51885	0.13	Trinity Crossing Extend SR 2607, Heavens Gate Drive	5/15/19
		0.04	Halo Court	
		0.06	Celestial Court	
Division 5				
Franklin	51886	0.13	Ashton Meadows Extend SR 2026, Hilldebrant Drive	5/29/19
		0.05	Friar Lane	
		0.24	Herringbone Drive	
Franklin	51887	0.23	Bailey Farms Bailey Farms Drive	6/19/19
		0.05	Bailey Oaks Court	
		0.07	Red Fern Drive	
		0.10	Beaver Dam Drive	
Franklin	51888	0.15	Carlson Ridge Extend SR 2000, Princeton Manor Drive	5/23/19
		0.15	Carlson Ridge Drive	
		0.04	Seville Way	
Franklin	51889	0.30	Country Club Farms Extend SR 1799, Country Club Lane	5/29/19
Franklin	51890	0.32	Windsor Estates Consella Way	3/5/19
		0.13	Madeira Drive	
		0.10	Cullen Court	
Granville	51891	0.25	New Forest Extend SR 1755, Woodland Church Road	6/25/19
		0.07	Pine Needles Drive	
Wake	51892	0.05	Hickory Leaf Reserve Hickory Vale Street	6/28/19
		0.14	Hidden Leaf Court	
Wake	51893	0.24	Muirfield and Bartons Creek Farm Extend SR 3552, Bartons Creek Road	5/23/19
Warren	51894	0.05	Olde Ferry Estates Extend SR 1742, E Pointe Drive	4/30/19

NCDOT August 2019 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 6				
Cumberland	51895	0.19	Kingswood Eunice Drive	6/7/19
		0.09	Marcelle Drive	
Division 7				
Guilford	51896	0.08	Stonebridge Pondside Court	5/9/19
Division 8				
Chatham	51897	0.08	Price Creek Stony Branch Trail	6/3/19
Division 9				
Davidson	51898	0.13	Bandelier Bandelier Court	6/7/19
Davidson	51899	0.09	Jordan Ridge Alexandria Lane	6/4/19
Davidson	51900	0.44	Pendleton Industrial Park Extend SR 2994, American Way	7/8/19
Davidson	51901	0.07	Pilgrim Acres Columbus Lane	6/4/19
Davidson	51902	0.12	Pilgrim Acres Pinta Court	6/4/19
Davie	51903	0.08	Summer Hill Farm Crestwood Court	6/7/19
		0.30	Old Homeplace Drive	
		0.24	Scotch Moss Drive	
		0.06	Windchase Court	
		0.09	Cedar Park Drive	
		0.08	Summer Hill Farm Drive	
Rowan	51904	0.45	Miller Air Park Cloud Top Lane	6/24/19
Rowan	51905	0.19	Olde Fields Gillan Drive	6/6/19
		0.26	Olde Fields Drive	

NCDOT August 2019 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 10				
Mecklenburg	51906	0.16	Extend SR 1841, Bedford Road	6/14/19
Mecklenburg	51907		Lawing Pond	1/24/19
		0.14	Meadowlark Landing Drive	
		0.10	Goldeneye Drive	
		0.31	Swan Drive	
		0.13	Mallard Way Drive	
		0.22	Ringtail Lane	
		0.13	Moorhen Lane	
		0.13	Anthony Mark Moore Lane	
		0.25	Bluegill Road	
		0.04	Wiegton Lane	
Division 13				
Buncombe	51908	0.15	High Meadows Cambridge Drive	5/7/19

NCDOT August 2019 Board of Transportation Agenda

Abandonments from the State Highway System:

County	Pet. No.	Length Abandoned (Miles)	Description	Date of Report
Division 5 Durham	51909	0.14	All of SR 1773 Retain 0.00 miles	06/25/19
Division 9 Davidson	51910	0.15	Portion of SR 3158, Anna Lewis Drive Retain 0.37 miles	6/12/19
Davidson	51911	0.13	Portion of SR 1138, Trading Ford Way Retain 1.07 miles	6/14/19
Rowan	51912	0.13	Portion of SR 1948, Potneck Road Retain 5.15 miles	5/10/19
Division 10 Mecklenburg	51913	0.15	Portion of SR 1627, Laine Road Retain 0.32 miles	6/14/19
Stanly	51914	0.47	Portion of SR 1442, Coggins Road / N. Oak Ave. Retain 0.22 miles	4/30/19

Summary: **Number of roads petitioned for addition – 52**
 Number of roads petitioned for abandonment - 6

Corrections:

County	Requested Action
New Hanover	SR 1328 White Road was originally added via petition in 1957 at a distance of 0.25 miles. This correction is to extend the road for an additional 0.12 miles, bringing the new length of maintenance to 0.37 miles which has been perpetually maintained by the Department for numerous years.
Wake	This correction is retroactive to May 2, 2019. Petition 51840, originally approved on May 2, 2019 added Ridge Falls Lane to the State Highway system for 0.08 miles. The addition should have been listed as two separate entries in the following manner: Ridge Falls Lane 0.06 Ridge Falls Lane 0.02

NCDOT AUGUST 2019 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency, Public Access,
Economic Development, High Impact/Low Cost

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

County	Description	Type	Amount
Div 2 Craven	Condition existing base and resurface SR 1860 (Wards Lane) from SR 1711 (Temples Point Road) to Dead End WBS 49029	Contingency TOTAL	\$86,100.00 \$86,100.00
Div 2 Lenoir	Drainage improvements including clearing/ditching approximately 1,205 LF of existing ditches and installation of an additional crossline on US-258 WBS 48838	Contingency TOTAL	\$126,000.00 \$126,000.00
Div 2 Pitt	Town of Ayden – WBS 49028 was established (10/17) to provide suitable amount of storage for school traffic onsite at Ayden Elementary School with the intent of eliminating daily backup of traffic on NC-102 Increase & close	Contingency TOTAL	\$157,172.77 \$157,172.77
Div 9 Davidson	WBS 47794 was established (02/18) to remove/replace monolithic concrete islands on SR 2932 (Old US Hwy 52) at US 52 Increase & close	High Impact / Low Cost TOTAL	\$154,195.55 \$154,195.55
Div 12 Catawba	Pave unpaved portion of SR 1854 (Mountainview Church Rd) WBS 48843	Contingency TOTAL	\$100,000.00 \$100,000.00
Div 14 Henderson	Install an Emergency Signal for use by the new Hendersonville EOC at the intersection US-25 Business & Ashmore Ave WBS 48837	Contingency TOTAL	\$66,000.00 \$66,000.00

NCDOT AUGUST 2019 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency, Public
Access, Economic Development, High Impact/Low Cost

Deletion:

Div 3, Pender County – WBS 44433 was established (05/15) to pave drive from bays to Deer Run Rd ROW at volunteer Fire Dept; project completed under alternate WBS

Summary:	Number of Divisions	4
	Number of Projects	6
	Small Construction Commitment	\$0.00
	Public Access Commitment	\$0.00
	Contingency Commitment	\$535,272.77
	Economic Development Commitment	\$0.00
	High Impact/Low Cost Commitment	\$154,195.55
	TOTAL:	\$689,468.32

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

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the August 8, 2019, Board of Transportation meeting.	

ADDITION to the Transit 2018-2027 STIP

TG-6806	GO RALEIGH	ADP HARDWARE/SOFTWARE	CAPITAL	FY 2019-	\$65	(L)
WAKE				FY 2019-	\$260	(FUZ)
HF					<u>\$325</u>	

PROJECT ADDED AT THE REQUEST OF CAMPO.

TA-6727	GO TRIANGLE	BATTERY ELECTRIC BUSES	CAPITAL	FY 2019-	\$929	(L)
WAKE				FY 2019-	\$208	(T)
DIV				FY 2019-	\$943	(FBUS)
					<u>\$2,080</u>	

PROJECT ADDED AT THE REQUEST OF CAMPO.

TD-5300	GoTriangle	Raleigh Union Station Phase II: RUS Bus.	CAPITAL	FY 2019-	\$21,920	(L)
WAKE				FY 2019-	\$20,000	(BUILD)
HF					<u>\$41,920</u>	

PROJECT ADDED AT REQUEST OF CAMPO

MODIFICATION to the Transit 2018-2027 STIP

TA-4903A	CAPITAL AREA TRANSIT	PURCHASE REPLACEMENT HYBRID BUSES	CAPITAL	FY 2018-	\$231	(L)
WAKE				FY 2018-	\$229	(S)
HF				FY 2018-	\$1,750	(CMAQ)
				FY 2018-	\$90	(FUZ)
				FY 2019-	\$113	(L)
				FY 2019-	\$113	(S)
				FY 2019-	\$900	(FUZ)
				FY 2020-	\$113	(L)
				FY 2020-	\$113	(S)
				FY 2020-	\$900	(FUZ)
					<u>\$4,552</u>	

FUNDING ADDED TO FY 19 AT THE REQUEST OF CAMPO.

TA-5140	CAPITAL AREA TRANSIT	BUS REPLACEMENT		FY 2020-	\$270	(L)
WAKE				FY 2020-	\$270	(S)
HF			CAPITAL	FY 2018-	\$270	(S)
				FY 2018-	\$270	(L)
				FY 2018-	\$1,750	(FUZ)
				FY 2019-	\$270	(S)
				FY 2019-	\$270	(L)
				FY 2019-	\$1,750	(FUZ)
				FY 2020-	\$1,750	(FUZ)
					<u>\$6,870</u>	

FUNDING ADDED TO FY 20 AT THE REQUEST OF CAMPO.

TD-5116	CAPITAL AREA TRANSIT	FACILITY - PARK & RIDE - POOLE ROAD	CONSTRUCTION	FY 2018-	\$0	(L)
WAKE				FY 2018-	\$400	(S)
HF				FY 2018-	\$1,600	(FUZ)
				FY 2019-	\$807	(FUZ)
				FY 2019-	\$202	(L)
					<u>\$3,009</u>	

FUNDING ADDED TO FY 19 AT THE REQUEST OF CAMPO.

NCDOT Board of Transportation Agenda
Public Transportation Program August 2019 STIP Amendment

TD-5289	CAPITAL AREA TRANSIT	CNG Fueling-ADD COMPRESSED	ENGINEERING	FY 2018-	\$62	(L)
WAKE		NATURAL GAS (CNG) FUELING		FY 2018-	\$245	(STPDA)
DIV		STATION TO GoRALEIGH'S	CONSTRUCTION	FY 2018-	\$629	(L)
		POOLE RD. BUS MAINTANENCE		FY 2018-	\$2,516	(STPDA)
		FACILITY.		FY 2019-	\$600	(FUZ)
		<u>FUNDING ADDED TO FY 2019 AT THE REQUEST OF CAMPO.</u>		FY 2019-	\$840	(FBUS)
				FY 2019-	\$360	(L)
					<u>\$5,252</u>	
TG-4792	CAPITAL AREA TRANSIT	ROUTINE CAPITAL - BUS STOP	CAPITAL	FY 2018-	\$500	(L)
WAKE		SHELTERS, BENCHES, SHOP		FY 2018-	\$4,000	(FUZ)
DIV		EQUIPMENT, SPARE PARTS		FY 2018-	\$500	(S)
		ENGINES, FAREBOX, SERVICE		FY 2019-	\$500	(L)
		VEHICLES, ETC		FY 2019-	\$4,000	(FUZ)
		<u>FUNDING ADDED TO FY 19 AT THE REQUEST OF CAMPO.</u>		FY 2019-	\$4,480	(FUZ)
				FY 2019-	\$1,120	(L)
				FY 2020-	\$500	(L)
				FY 2020-	\$4,000	(FUZ)
				FY 2021-	\$500	(L)
				FY 2021-	\$4,000	(FUZ)
				FY 2022-	\$500	(L)
				FY 2022-	\$4,000	(FUZ)
				FY 2023-	\$500	(L)
				FY 2023-	\$4,000	(FUZ)
					<u>\$33,100</u>	
TG-4792B	CAPITAL AREA TRANSIT	ADA PARATRANSIT SERVICE	OPERATIONS	FY 2018-	\$225	(L)
WAKE				FY 2018-	\$900	(FUZ)
HF				FY 2019-	\$225	(L)
		<u>FUNDING ADDED TO FY 19 AT THE REQUEST OF CAMPO.</u>		FY 2019-	\$900	(FUZ)
				FY 2019-	\$238	(L)
				FY 2019-	\$238	(FUZ)
				FY 2020-	\$225	(L)
				FY 2020-	\$900	(FUZ)
					<u>\$3,851</u>	
TQ-6953	CAPITAL AREA TRANSIT	5310 Operating	OPERATIONS	FY 2018-	\$300	(L)
WAKE				FY 2018-	\$300	(FEPD)
HF				FY 2019-	\$300	(L)
		<u>FUNDING ADDED TO FY 20 AT THE REQUEST OF CAMPO.</u>		FY 2019-	\$300	(FEPD)
				FY 2020-	\$300	(L)
				FY 2020-	\$300	(FEPD)
					<u>\$1,800</u>	
TQ-7006	CAPITAL AREA TRANSIT	5310 Admin.	ADMINISTRATIVE	FY 2018-	\$65	(FEPD)
WAKE				FY 2019-	\$65	(FEPD)
HF				FY 2020-	\$65	(FEPD)
		<u>FUNDING ADDED TO FY 20 AT THE REQUEST OF CAMPO.</u>			<u>\$195</u>	

NCDOT Board of Transportation Agenda
Public Transportation Program August 2019 STIP Amendment

TQ-9037	CAPITAL AREA TRANSIT	5310 Capital	CAPITAL	FY 2018-	\$94	(L)
WAKE				FY 2018-	\$375	(FEPD)
HF				FY 2019-	\$375	(FEPD)
	<u>FUNDING ADDED TO FY 20 AT THE REQUEST OF CAMPO.</u>			FY 2019-	\$94	(L)
				FY 2020-	\$94	(L)
				FY 2020-	\$375	(FEPD)
					\$1,407	
TP-5160	GO RALEIGH	ALTERNATIVES REFINEMENT	PLANNING/DESIGN	FY 2019-	\$1,360	(L)
WAKE		AND PROJECT DEVELOPMENT		FY 2020-	\$322	(L)
HF				FY 2021-	\$510	(L)
	<u>FUNDING ADDED TO FY 20 and FY 21 AT THE REQUEST OF CAMPO.</u>			FY 2021-	\$510	(L)
					\$2,702	
TA-6716	WESTERN PIEDMONT	Four Replacement Vehicles	CAPITAL	FY 2019-	\$1,440	(CMAQ)
CATAWBA	REGIONAL			FY 2019-	\$360	(L)
HF	TRANSPORTATION				\$1,800	
	<u>PROJECT ACCELERATED TO FY 19 AND FUNDING ADD FOR TWO ADDITIONAL BUSED AT THE REQUEST OF WESTERN PIEDMONT REGIONAL TRANSPORTATION.</u>					
	<u>DELETION to the Transit 2018-2027 STIP</u>					
TG-4753	GREENSBORO TRANSIT	Preventive Maintenance and	CAPITAL	FY 2018-	\$21	(L)
GUILFORD	AUTHORITY	Passenger Amenities		FY 2018-	\$84	(FUZ)
HF				FY 2019-	\$84	(FUZ)
	<u>DUPLICATE PROJECT NUMBER.</u>			FY 2019-	\$21	(L)
				FY 2020-	\$84	(FUZ)
				FY 2020-	\$21	(L)
				FY 2021-	\$21	(L)
				FY 2021-	\$84	(FUZ)
				FY 2022-	\$21	(L)
				FY 2022-	\$84	(FUZ)
				FY 2023-	\$84	(FUZ)
				FY 2023-	\$21	(L)
				FY 2024-	\$84	(FUZ)
				FY 2024-	\$21	(L)
				FY 2025-	\$21	(L)
				FY 2025-	\$84	(FUZ)
					\$840	

DELETION to the Transit 2018-2027 STIP

TM-5308	GREENSBORO TRANSIT	TRANSIT ENHANCEMENTS	CAPITAL	FY 2018-	\$12	(L)
GUILFORD	AUTHORITY			FY 2018-	\$49	(FUZ)
HF				FY 2019-	\$0	(FUZ)
	<u>DUPLICATE PROJECT NUMBER.</u>			FY 2019-	\$0	(L)
				FY 2020-	\$0	(FUZ)
				FY 2020-	\$0	(L)
				FY 2021-	\$0	(L)
				FY 2021-	\$0	(FUZ)
				FY 2022-	\$0	(L)
				FY 2022-	\$0	(FUZ)
				FY 2023-	\$0	(FUZ)
				FY 2023-	\$0	(L)
				FY 2024-	\$0	(FUZ)
				FY 2024-	\$0	(L)
				FY 2025-	\$0	(L)
				FY 2025-	\$0	(FUZ)
					<u>\$61</u>	
TO-6140	GREENSBORO TRANSIT	ADMINISTRATIVE OVERSIGHT	OPERATIONS	FY 2018-	\$0	(FEPD)
GUILFORD	AUTHORITY	OF 5310 FUNDS		FY 2019-	\$0	(FEPD)
HF					\$0	
	<u>DUPLICATE PROJECT NUMBER.</u>					

ITEM I-1A SUMMARY

	NUMBER OF				
	<u>PROJECTS</u>	<u>FEDERAL</u>	<u>STATE</u>	<u>LOCAL</u>	<u>TOTALS</u>
ADDITION S	3	21203	208	22914	\$44,325
DELETION S	3	-721		-180	(\$901)
MODIFICATION S	11	51806	2165	13027	\$66,998
	17				\$110,422

NCDOT August 2019 Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
---------------------------------	----------------------------	---------------------------

There will be no items presented for approval at the August 8, 2019 Board of Transportation meeting.

ITEM I - 2 SUMMARY – NO PROJECTS

NCDOT August 2019 Board of Transportation Agenda

Division of Bicycle and Pedestrian Transportation Program

Town/County/ Division	Project Description	Estimated Cost	
City of Shelby Cleveland County Division 12	11.2-mile rail trail from City of Shelby to the South Carolina state line	\$4,160,000 <u>\$1,040,000</u> \$5,200,000	Federal Local Total
Hendersonville Henderson County Transylvania County Division 14	19-mile rail trail in Henderson and Transylvania County counties	\$6,400,000 <u>\$1,600,000</u> \$8,000,000	Federal Local Total
City of Greensboro Guilford County Division 7	3.4-mile rail trail extension of the A&Y Greenway	\$4,440,000 <u>\$1,100,000</u> \$5,500,000	Federal Local Total

NCDOT August 2019 Board of Transportation Agenda

Aviation Program

Division Airport County

Project Description

Division 1
Martin County
Airport
Martin County

Beacon Replacement amendment (36244.44.6.1)

Replacement of the airport's rotating beacon. Additional funds necessary due to bid proposal. Local match is included per the Funding Safety Enhancement Program. [PR# 3718]

Division 1
Martin County
Airport
Martin County

Airport Layout Plan

This project will complete the planning effort required by FAA to develop the airports plan for future growth and development. The last ALP was completed in 2006. Local match is included per the Funding Safety Enhancement Program. [PR# 3523]

Division 3
Odell Williamson
Municipal Airport
Brunswick County

Perimeter Fencing Phase 1 (Design, Bid, & Const) (36237.60.12.1)

The proposed project is to complete Phase 1 of the design, bidding and construction of the airports Perimeter Fencing for wildlife safety. Additional funds needed due to bid proposal. Local match is included per the Funding Safety Enhancement Program. [PR# 2296]

Division 3
Duplin County
Airport
Duplin County

Industrial Airpark Construction

This project includes the site infrastructure needed to provide airfield access (apron and taxilane), land side access to the proposed development, and a hangar with office space. [PR# 3260]

Division 6
Curtis L Brown Jr
Field
Bladen County

New Terminal Building Site Work amendment (36244.4.8.1)

This amendment adds additional fence, emergency generator, and vehicle gates to the existing New Terminal Building project that includes complete demolition of the existing terminal building and construction of a new, 4,589 sqft terminal building in the same location. The site work project includes earthwork, utilities, and fencing associated with the construction of the new terminal building facility. [PR# 3791]

NCDOT August 2019 Board of Transportation Agenda

Aviation Program

Division 11
Wilkes County
Airport
Wilkes County

North Hangar Development (Phase I) Site Prep and Paving

This project will utilize economic development funds to complete design and construct taxiway pavement and site work for a hangar. The tenant has an existing contract to construct the hangar building. [PR# 4139]

Division 11
Wilkes County
Airport
Wilkes County

Parallel Taxiway Pavement Rehab amendment (36237.49.18.3)

This project completes the pavement rehabilitation for the existing taxiway, removes direct access and installs fillet widening with lighting relocations to meet FAA standards. Amendment will provide funds for construction administration, inspection and completion of design for total project award. [PR#3055]

Division 12
Gastonia Municipal
Airport
Gaston County

Taxiway Lighting & Signage Rehabilitation amendment (36244.13.4.3)

This project will provide Medium Intensity Lighting and Airfield Guidance Signs for the existing taxiway system to enhance safety for nighttime and low visibility operations. The Airport currently has no taxiway edge light system or lighted taxiway guidance signs. Also included is a new regulator for the taxiway lighting circuit. Additional funds are necessary due to the bid proposal. [PR# 2875]

ITEM I - 4 SUMMARY – 8 PROJECTS – (TOTAL STATE and FEDERAL COST) \$6,973,7011

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

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Bertie Co. Div. 1 B-5941 STATEWIDE/ REGIONAL	WBS 46480.3.1 Bridge # 7 over Roanoke River on NC 45/ NC 308. \$4,250,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$920,000.00
Northampton Co. Div. 1 R-5739 DIVISION	WBS 50197.1.1 NC 46 from NC 48 in Gaston to the Virginia state line. \$1,185,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$220,000.00
Pasquotank Co. Div. 1 U-5942 REGIONAL	WBS 45861.1.1 Elizabeth City Signal System. \$460,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$320,000.00
Perquimans Co. Div. 1 R-5740 DIVISION	WBS 50198.2.1 SR 1329 (Woodville Road) from SR 1331 (Red Bank Road) to SR 1300 (New Hope Road). \$500,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$260,000.00
Tyrrell Co. Div. 1 R-2545WM STATEWIDE	WBS 35492.4.S1 Palmetto Peartree Preserve (P3) mitigation site. \$1,600,000.00 has previously been approved for project mitigation for monitoring and to compensate The Conservation Fund (TCF). Additional funds are requested.	\$1,400,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Carteret Co. Div. 2 B-5938 DIVISION	WBS 46483.3.1 Bridge # 68 over Bogue Sound on SR 1182 (Atlantic Beach Causeway). \$5,160,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$4,700,000.00
Craven Co. Div. 2 R-5777A STATEWIDE	WBS 44648.1.2 US 70 at Taverna Way. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are requested for Advanced Property / Utility Relocation studies on 22 parcels.	\$525,000.00
Craven Co. Div. 2 R-5777C STATEWIDE	WBS 44648.1.4 US 70 from Thurman Road to Havelock Bypass. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$3,000,000.00
Craven Co. Div. 2 U-5992 DIVISION	WBS 47112.1.1 NC 55 (First Street / Country Club Road) from NC 55 (Neuse Boulevard) to Pembroke Avenue. \$375,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$145,000.00
Greene Co. Div. 2 R-5812 DIVISION	WBS 46981.1.1 US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91. \$780,257.00 has previously been approved for preliminary engineering. Additional funds are requested. \$8,981.00 will use BUILD NC BOND funds and \$441,019.00 will use Division STI funds.	\$450,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Lenoir Co. Div. 2 R-2553 STATEWIDE	WBS 34460.1.2 US 70 (Kinston Bypass). \$6,799,338.00 has previously been approved for preliminary engineering. Additional funds are requested to complete the Draft EIS and complete public involvement. This project has previously been identified as a Trust Fund Intrastate System project.	\$1,068,492.00
Lenoir Co. Div. 2 U-3618 DIVISION	WBS 35775.1.3 Carey Road Extension from SR 1572 (Rouse Road) to US 258. \$1,154,569.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$225,000.00
Pitt Co. Div. 2 B-5612 REGIONAL	WBS 45567.1.1 Replace Bridge #24 over the Tar River on NC 222. \$120,398.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$270,000.00
Pitt Co. Div. 2 U-5730 REGIONAL	WBS 54021.2.1 US 13 (Memorial Drive) at NC 43 (5th Street). \$50,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$410,000.00
Pitt Co. Div. 2 U-5785 DIVISION	WBS 44357.1.1 SR 1708 (Firetower Road) from NC 43 (Charles Boulevard) to SR 1704 (Fourteenth Street) in Greenville. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$300,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 U-5991 DIVISION	WBS 47111.1.1 NC 43 from SR 1708 (Firetower Road) to SR 1711 (Worthington Road). \$900,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,500,000.00
Brunswick Co. Div. 3 AV-5739 DIVISION	WBS 46333.3.1 Cape Fear Regional Airport approach clearing at Runway 5 and Runway 23. \$171,000.00 has previously been approved for construction. Additional funds are requested due to a higher bid.	\$35,000.00
New Hanover Co. Div. 3 R-2633WM STATEWIDE	WBS 34491.4.1 US 17 (Wilmington Bypass) from US 17 south of Bishop to I-40 south of Castle Hayne. \$11,853,478.00 has previously been approved for wetland mitigation. Funds need to be decreased (\$2,962,187.77). Project is complete. WBS will be closed. This project has previously been identified as a Trust Fund Urban Loop project.	-\$2,962,187.77
New Hanover Co. Div. 3 U-3831 DIVISION	WBS 34985.1.4 SR 2048 (Gordon Road) from NC 132 interchange to west of US 17 Business (Market Street) in Wilmington. \$500,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$491,081.80). Funds are no longer needed. WBS will be closed.	-\$491,081.80
Onslow Co. Div. 3 U-5789 REGIONAL	WBS 44361.3.1 NC 53 (Western Boulevard) at SR 2714 (Jacksonville Parkway). Initial funds are requested for construction. This is a Cash Flow project with \$2,430,000.00 in SFY 20 and SFY 21.	\$4,860,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pender Co. Div. 3 B-4929 REGIONAL	WBS 40233.3.1 Replace Bridge #16 over the Intracoastal Waterway on NC 50/210. \$60,129,053.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$3,500,000.00
New Hanover/ Pender Cos. Div. 3 R-3300 REGIONAL	WBS 40237.2.3 US 17 Hampstead Bypass from US 17 to US 17 north of Hampstead. \$2,500,000.00 has previously been approved for Map Act Appraisals and to allow for future acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$280,000.00
Edgecombe Co. Div. 4 R-5868 DIVISION	WBS 47802.1.1 New route, SR 1252 (Dunbar Road) to SR 1225 (Kingsboro Road). \$400,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$245,000.00
Halifax Co. Div. 4 R-3822 DIVISION	WBS 37765.2.5 New Route - from NC 125 to south of US 158. \$1,372,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$920,000.00
Johnston Co. Div. 4 I-5974 REGIONAL	WBS 44993.1.2 I-95 at US 701 and NC 96. Initial funds are requested for advanced property / utility relocations studies.	\$25,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Johnston Co. Div. 4 U-5795 DIVISION	WBS 44366.3.1 SR 2302 (Ricks Road) from US 70 to US 301. \$3,306,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$350,000.00
Johnston Co. Div. 4 W-5107A STATEWIDE	WBS 41871.3.2 US 70 from SR 2305 (Firetower Road) to east of SR 2310 (Davis Mill Road / Stevens Chapel Road). Initial funds are requested for construction.	\$700,000.00
Nash Co. Div. 4 U-2561C DIVISION	WBS 34835.1.5 NC 43 from SR 1613 (Woodruff Avenue) to I-95. \$50,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$185,000.00
Nash Co. Div. 4 U-5911 REGIONAL	WBS 44642.1.1 NC 48 from Red Oak / Battleboro Road to NC 4. \$50,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$295,000.00
Nash Co. Div. 4 U-5947 REGIONAL	WBS 46884.1.1 NC 43 (Benvenue Road) to US 64 Bypass off-ramp. \$51,105.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$190,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne Co. Div. 4 R-5829 DIVISION	WBS 47101.1.1 US 70 from US 70 Bypass to east of SR 2314 (Pondfield Road). \$2,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$880,000.00
Goldsboro/ Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.2.1 US 117 from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. \$5,497,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$3,500,000.00
Wayne Co. Div. 4 U-4407 REGIONAL	WBS 39051.1.1 US 70 Business (Ash Street) from SR 1579 (Berkeley Boulevard) to US 70 Bypass. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$280,000.00
Harnett Johnston/ Cos. Divs. 4/6 I-5986B STATEWIDE	WBS 47532.2.3 I-95 from SR 1001 (Long Branch Road - Exit 71) to I-40 (Exit 81). Initial funds are requested for full right of way and utilities. This is a Cash Flow project with \$2,150,000.00 in SFY 20 and \$40,850,000.00 in SFY 21.	\$43,000,000.00
Durham Co. Div. 5 U-5745 REGIONAL	WBS 50166.2.1 NC 751 (Hope Valley Road) at SR 1183 (University Drive) intersection in Durham. \$359,753.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$610,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Granville Co. Div. 5 R-5707 REGIONAL	WBS 46379.2.1 NC 56 at US 15 and NC 50 in Creedmoor. \$750,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$150,000.00
Raleigh/ Wake Co. Div. 5 P-5720 REGIONAL	WBS 46932.2.1 CSX crossing 630 601X at SR 2006 (Durant Road) in Raleigh. Construct grade separation. \$2,500,000.00 has previously been approved for appraisal of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$2,320,000.00
Wake Co. Div. 5 R-2721 STATEWIDE	WBS 37673.2.3 Southern Wake Freeway from NC 55 South to US 401 South. \$5,950,000.00 has previously been approved for Map Act Appraisal and to allow for future acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$7,000,000.00
Wake Co. Div. 5 R-2828 STATEWIDE	WBS 35516.2.3 Southern Wake Freeway from US 401 to I-40. \$3,415,000.00 has previously been approved for Map Act Appraisals and to allow for future acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$850,000.00
Wake Co. Div. 5 U-5747B REGIONAL	WBS 50167.2.3 SR 1635 at NC 54. Initial funds are requested for full right of way and utilities.	\$2,000,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Harnett/ Wake Cos. Div. 5/06 R-5705 REGIONAL/ DIVISION	WBS 46377.1.1 NC 55 from just south of SR 1532 (Oak Grove Church Road) to NC 42 in Fuquay-Varina. \$2,250,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$870,000.00
Durham/ Orange Cos. Divs. 5/7 I-0305 STATEWIDE	WBS 34142.1.2 I-85 from west of SR 1006 (Orange Grove Road) in Orange County to west of SR 1400 (Sparger Road) in Durham County. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
Wake/ Orange Cos. Divs. 5/7 TA-6669 REGIONAL	WBS 47245.1.1 Purchase expansion vehicles for CRX routes. \$243,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$243,000.00). Funds are not needed at this time. WBS will be closed.	-\$243,000.00
Bladen Co. Div. 6 R-4903(L) STATEWIDE	WBS 40226.3.2 Landscaping - NC 87 and US 701 intersection. Initial funds are requested for landscaping.	\$138,000.00
Cumberland Co. Div. 6 I-5986A STATEWIDE	WBS 47532.3.2 I-95 from I-95 Business (Exit 56) to SR 1002 (Long Branch Road - Exit 71). Widen to 8 lanes. This project is combined with I-5877. Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published July 11, 2019. I-5877 is a Cash Flow project with \$1,025,000.00 in SFY 20, \$9,739,000.00 in SFY 21 and \$9,736,000.00 in SFY 22. I-5986A is a Cash Flow project with \$69,684,000.00 in SFY 20, SFY 21, SFY 22 and SFY 23. (See page M-6 for Federal funding.).	\$299,236,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland/ Robeson Cos. Div. 6 I-5987 REGIONAL	WBS 47533.1.1 I-95 from US 301 (Exit 22) to I-95 Business/US 301 (Exit 40). \$1,010,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,200,000.00
Cumberland Co. Div. 6 TA-4990B DIVISION	WBS 47404.1.1 Fayetteville area transit system. One expansion bus. \$35,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$35,000.00). Funds are no longer needed. WBS will be closed.	-\$35,000.00
Fayetteville/ Cumberland Co. Div. 6 U-2519CB STATEWIDE	WBS 34817.3.S8 Fayetteville Outer Loop from south of SR 1400 (Cliffdale Road) to east of SR 1415 (Yadkin Road). \$150,939,754.00 has previously been approved for construction. Additional funds are requested.	\$500,000.00
Cumberland Co. Div. 6 U-5742 REGIONAL	WBS 50164.3.1 Fayetteville computerized traffic signal system. \$6,660,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,060,000.00
Cumberland Co. Div. 6 U-6229 REGIONAL	WBS 48808.1.1 NC 24 (Bragg Boulevard) from US 401 (Skibo Road) to Glenville Avenue. Initial funds are requested for preliminary engineering.	\$10,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Harnett Co. Div. 6 I-5877 DIVISION/ STATEWIDE	WBS 53077.2.2 I-95 at SR 1811 (Bud Hawkins Road) (Exit 70) and SR 1001 (Long Branch Road) (Exit 71). \$216,000.00 has previously been approved for utilities. Additional funds are requested using Statewide Tier funding.	\$1,500,000.00
Harnett Co. Div. 6 I-5877 DIVISION/ STATEWIDE	WBS 53077.2.1 I-95 at SR 1811 (Bud Hawkins Road) (Exit 70) and SR 1001 (Long Branch Road) (Exit 71). \$864,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Additional funds are requested using Statewide Tier funding.	\$1,200,000.00
Robeson Co. Div. 6 AV-5747 DIVISION	WBS 46341.1.1 Lumberton Regional Airport (LBT). Parallel taxiway runway 5. Initial funds are requested for preliminary engineering.	\$140,000.00
Alamance Co. Div. 7 U-6009 REGIONAL	WBS 47144.1.1 US 70 (South Church Street) from Tarleton Avenue to Fifth Street in Burlington. \$400,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$250,000.00
Burlington/ Alamance Co. Div. 7 U-6010 REGIONAL	WBS 47145.2.1 US 70 (South Church Street) at SR 1226 / SR 1311 (University Drive) in Burlington. Initial funds are requested for full right of way and utilities.	\$3,000,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
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. \$400,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$300,000.00
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. \$350,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$130,000.00
Guilford Co. Div. 7 R-5725 REGIONAL	WBS 50474.1.1 NC 68 at SR 2129 (Fogleman Road) to NC 150 intersection in Oak Ridge. \$650,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$275,000.00
Guilford Co. Div. 7 U-5850 DIVISION	WBS 50239.1.1 SR 1007 (Randleman Road) from Elmsley Drive to Glendale Drive in Greensboro. \$675,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$155,000.00
Greensboro/ Guilford Co. Div. 7 U-5852 DIVISION	WBS 50241.1.1 SR 2085 (Benjamin Parkway / Bryan Boulevard) from SR 2254 (Wendover Avenue) to Holden Road in Greensboro. \$650,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$490,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Guilford Co. Div. 7 U-5974 REGIONAL	WBS 45962.1.1 NC 68 from SR 1523 (Hickwood Road) to SR 1556 (Gallimore Dairy Road) in High Point. \$400,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,275,000.00
Orange Co. Div. 7 U-5847 DIVISION	WBS 50238.1.1 SR 1010 (West Franklin St.) at SR 1771/SR 1927 (Merritt Mill Road) / Brewer Lane intersection in Chapel Hill and Carrboro. \$250,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$100,000.00
Rockingham Co. Div. 7 I-5898 REGIONAL	WBS 46860.1.1 Future I-73 / US 220 at US 311 / NC 135 Interchange. \$336,683.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$600,000.00
Rockingham Co. Div. 7 U-5893 REGIONAL	WBS 44704.1.1 US 311 / NC 14 (South Van Buren Road) to SR 2066 (Kings Highway) in Eden. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$345,000.00
Randolph/ Guilford Cos. Divs. 7/8 U-3400 DIVISION	WBS 38996.1.1 SR 1577 - SR 1004 (Archdale Road) from US 311 (Main Street) to east of Springwood Lane in Archdale. \$900,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$620,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Chatham Co. Div. 8 R-5724A DIVISION	WBS 50217.2.2 US 15 / 501 from south of US 64 Business to north of US 64 Business. Initial funds are requested for full right of way.	\$50,000.00
Chatham Co. Div. 8 R-5724A DIVISION	WBS 50217.2.4 US 15 / 501 from south of US 64 Business to north of US 64 Business. Initial funds are requested for utilities.	\$1,000,000.00
Chatham Co. Div. 8 R-5724A DIVISION	WBS 50217.3.2 US 15 / 501 from south of US 64 Business to north of US 64 Business. Initial funds are requested for construction.	\$4,000,000.00
Moore Co. Div. 8 U-5814 REGIONAL	WBS 44387.1.1 US 15/ US 501/ NC 211 from US 1 (Sandhills Boulevard) to Brucewood Road in Aberdeen and Southern Pines. \$1,100,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$400,000.00
Randolph Co. Div. 8 U-5711 DIVISION	WBS 50160.1.1 SR 1712 (Pineview Street) from west of Sylvan Street to US 220 Business in Asheboro. \$437,955.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$145,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Davidson Co. Div. 9 AV-5831 DIVISION	WBS 47184.1.1 Davidson County Airport (EXX). Upgrade and strengthen runway to accommodate larger aircraft. Initial funds are requested for preliminary engineering.	\$600,000.00
Davidson Co. Div. 9 I-5740 STATEWIDE	WBS 52021.1.1 I-85 from 1.7 miles north of SR 2205 (Old US 64) to 0.3 mile north of US 64. \$50,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$39,149.00). Funds are no longer needed. WBS will be closed.	-\$39,149.00
Forsyth Co. Div. 9 TA-6682 REGIONAL	WBS 47595.5.1 Purchase one expansion 40 foot bus. Initial funds are requested for preliminary engineering.	\$47,000.00
Forsyth Co. Div. 9 TD-4743 DIVISION	WBS 54005.3.1 Winston-Salem Intermodal transportation facility. \$1,661,000.00 has previously been approved for construction. Funds need to be decreased (\$1,661,000.00). Funds are no longer needed. WBS will be closed.	-\$1,661,000.00
Clemmons/ Forsyth Co. Div. 9 U-2707 DIVISION	WBS 34845.3.3 SR 3000 (Idols Road) From SR 2999 (Hampton Road) to US 158 in Clemmons. \$13,398,292.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$740,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Kernersville/ Forsyth Co. Div. 9 U-4734 DIVISION	WBS 36600.2.2 SR 2601 (Macy Grove Road Extension) from SR 1005 (East Mountain Street) to NC 150 (North Main Street). \$500,000.00 has previously been approved for utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$850,000.00
Forsyth Co. Div. 9 U-5899 DIVISION	WBS 44689.1.1 New route from Forum Parkway Connector from SR 3955 (Forum Parkway) to NC 66 (University Parkway) in Rural Hall. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$350,000.00
Forsyth Co. Div. 9 U-6003 DIVISION	WBS 47138.1.1 New route from SR 1969 (Piney Grove Road) to NC 150 (North Main Street) in Kernersville. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$170,000.00
Rowan Co. Div. 9 U-5738 DIVISION	WBS 50163.2.1 SR 2528 (Julian Road) from US 601 (Jake Alexander Boulevard) to SR 2667 (Summit Park Drive) in Salisbury. \$1,200,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,470,000.00
Rowan Co. Div. 9 U-5900 REGIONAL	WBS 44690.1.1 NC 150 from SR 1514 (Airport Road) to west of Grant's Creek in Salisbury. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$140,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cabarrus/ Mecklenburg Cos. Div. 10 R-5706 REGIONAL	WBS 46378.1.1 NC 73 (Davidson Highway) from SR 2693 (Davidson-Concord Road) to US 29. \$1,350,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,420,000.00
Cabarrus Co. Div. 10 U-4910A DIVISION	WBS 40373.2.D1 SR 1445 (Derita Road) from SR 2894 (Concord Mills Boulevard) to Aviation Boulevard. \$1,949,987.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$280,000.00
Cabarrus Co. Div. 10 U-5956 REGIONAL	WBS 46891.1.1 US 29 - Realign Union Cemetery Road to intersect US 29 at Rock Hill Church Road and eliminate the current intersection of Union Cemetery Road and Cabarrus Avenue by creating a cul-de-sac. \$450,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$370,000.00
Cabarrus/ Mecklenburg Cos. Div. 10 U-6032 DIVISION	WBS 46965.2.1 SR 2467 (Mallard Creek Road) / SR 1445 (Derita Road) from I-485 to Concord Mills Boulevard (SR 2894). This is a BUILD NC BOND project with a principal amount of \$1,000,000.00. Bond repayment requires \$86,000.00 of State Highway Trust funds in SFY 20 through SFY 34. This project also has \$1,900,000.00 in additional State Highway Trust funds in SFY 20.	\$3,190,000.00
Cabarrus Co. Div. 10 Y-4810K STATEWIDE	WBS 40325.2.46 Rogers Lake Road Overpass Project. \$2,800,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,175,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 I-5507 STATEWIDE/ DIVISION	WBS 43609.2.2 I-485 from I-77 to US 74 (Independence Boulevard). \$1,600,000.00 has previously been approved for full right of way and utilities. Additional funds are requested using Division Tier funding in order to combine ROW from U-4714AB, WBS 39078.2.9 and R-0211EC, WBS 34331.2.10. (Funds will be taken down from these projects).	\$7,100,000.00
Mecklenburg Co. Div. 10 R-0211EC DIVISION	WBS 34331.2.10 I-485 (Charlotte Outer Loop) at SR 3468 (Weddington Road). \$6,100,00.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$6,100,000.00). Funds will be added to WBS 43609.2.2 (I-5507). WBS will be closed.	-\$6,100,000.00
Mecklenburg Co. Div. 10 U-4714AB DIVISION	WBS 39078.2.9 SR 1009 (John Street - Old Monroe Road) at I-485. \$1,000,000.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$1,000,000.00). Funds will be added to WBS 43609.2.2 (I-5507). WBS will be closed.	-\$1,000,000.00
Mecklenburg Co. Div. 10 U-5108 DIVISION	WBS 42370.1.1 Northcross Drive Extension from end of Northcross Drive to Westmoreland Road in Cornelius. \$840,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$630,000.00
Huntersville/ Mecklenburg Co. Div. 10 U-5114 REGIONAL	WBS 42376.2.1 Intersection of US 21 and Gilead Road. Construct intersection improvements, including bicycle and pedestrian accommodations. \$6,550,000.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$1,730,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-5763 REGIONAL	WBS 50176.1.1 NC 51 (Matthews Township Parkway) from SR 3356 (Sardis Road) to SR 1010 (East John Street/Monroe Road). \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$550,000.00
Mecklenburg Co. Div. 10 U-5905 BONUS ALLOCATION	WBS 46450.1.1 SR 2112 (Lakeview Road) from Reames Road to NC 115. \$400,000.00 has previously been approved for preliminary engineering. This is a Bonus Allocation project. Additional funds are requested.	\$1,100,000.00
Alleghany Co. Div. 11 R-4060 DIVISION	WBS 34605.3.2 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. \$6,565,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$2,200,000.00
Caldwell Co. Div. 11 U-6035 DIVISION	WBS 46970.1.1 SR 1002 (Dudley Shoals Road) and SR 1751 (Grace Chapel Road / Campground Road) / SR 1752 (Peach Orchard Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$160,000.00
Caldwell Co. Div. 11 U-6036 DIVISION	WBS 46971.1.1 SR 1109 (Pinewood Road) from US 321 to SR 1931 (Bert Huffman Road). \$195,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$285,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Watauga Co. Div. 11 R-5874 STATEWIDE	WBS 48132.1.1 US 321 at Deerfield Road and Meadowview. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$230,000.00
Watauga Co. Div. 11 U-5810 DIVISION	WBS 44383.1.1 SR 1514 (Bamboo Road) from US 421/US 221 to SR 1522 (Deerfield Road). \$624,227.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$210,000.00
Yadkin Co. Div. 11 B-5825 REGIONAL	WBS 45778.1.1 Replace Bridge #35 over the Yadkin River on NC 67. \$103,395.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$175,000.00
Yadkin Co. Div. 11 R-5831 DIVISION	WBS 47103.1.1 US 601 (Carolina Avenue) and NC 67 (Main Street). \$205,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$180,000.00
Catawba Co. Div. 12 R-5113 DIVISION	WBS 42364.1.1 SR 1005 (Startown Road) from US 70 to NC 10. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$275,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Catawba Co. Div. 12 U-5777 REGIONAL	WBS 50189.1.1 NC 127 from 1st Avenue southeast to 2nd Avenue southeast. \$193,312.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$215,000.00
Cleveland Co. Div. 12 U-5775 REGIONAL	WBS 50186.2.1 US 74 Business (Marion St.) and NC 150 (Cherryville Road) intersection. \$580,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$1,850,000.00
Gaston/ Lincoln Cos. Div. 12 TA-5185 DIVISION	WBS 47403.1.1 Lincoln County / Gaston County one expansion light transit vehicle. \$6,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$6,000.00). Funds are no longer needed. WBS will be closed.	-\$6,000.00
Gaston Co. Div. 12 U-5800 REGIONAL	WBS 44372.1.1 NC 7 at intersection of NC 7 / US 74 and NC 7 / US 29. \$180,496.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$140,000.00
Gaston Co. Div. 12 U-5819 DIVISION	WBS 44391.1.1 NC 27 (West Charlotte Ave) and SR 2534 (Hawthorne Street). \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$160,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Gaston Co. Div. 12 U-5959 REGIONAL	WBS 45973.1.1 US 74 (Wilkinson Boulevard) at NC 273 (Park Street). \$153,710.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$210,000.00
Gaston Co. Div. 12 U-6146 REGIONAL	WBS 48392.1.1 US 74 (Wilkinson Boulevard) from Market Street to SR 2015 (Alberta Avenue). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$165,000.00
Iredell Co. Div. 12 K-4908 STATEWIDE	WBS 39894.2.3 I-77 Rest Area on new location at mile marker #58. \$39,000.00 has previously been approved for full right of way. This is a Strategic Transportation Investments Transition project. Funds need to be decreased (\$38,682.64). Funds are no longer needed. WBS will be closed.	-\$38,682.64
Iredell Co. Div. 12 U-5816 DIVISION	WBS 44388.1.1 SR 1305 (Oates Road - Midnight Lane) from US 21 (Charlotte Highway) to SR 1474 (Blue Field Road). \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$500,000.00
Iredell Co. Div. 12 U-5884 DIVISION	WBS 44640.1.1 Intersection of NC 3 and SR 1148 (Kistler Farm Road). \$150,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$150,000.00) Funds are no longer needed. WBS will be closed.	-\$150,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Iredell Co. Div. 12 U-5964 REGIONAL	WBS 45978.1.1 US 64 (Davie Avenue) and US 21 (Sullivan Road). \$150,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$280,000.00
Buncombe Co. Div. 13 AV-5735 REGIONAL	WBS 46329.3.1 Asheville Regional Airport (AVL), Airfield Improvements Program - Runway construction. \$300,000.00 has previously been approved for construction. Additional funds are requested.	\$15,000.00
Buncombe Co. Div. 13 I-2513B STATEWIDE	WBS 34165.1.9 New route from north of SR 3548 (Haywood Road) to existing US 19 - 23 - 70. \$25,000.00 has previously been approved for preliminary engineering. Additional funds are requested for Advanced Property / Utility Relocation studies for 10 parcels.	\$250,000.00
Buncombe Co. Div. 13 U-4739 DIVISION	WBS 39741.1.2 SR 3556 (Amboy Road-Meadow Road) from I-240 to NC 81/SR 3214 (Biltmore Avenue). \$600,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$220,000.00
Buncombe Co. Div. 13 U-5971 REGIONAL	WBS 45959.1.1 US 19 (Patton Avenue) at NC 63 (New Leicester Highway). \$624,438.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$200,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Burke Co. Div. 13 I-5008 REGIONAL	WBS 41497.1.1 I-40 at SR 1734 / SR 1826 (Exit 111) \$710,627.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$400,000.00
Burke Co. Div. 13 I-5009 REGIONAL	WBS 41824.1.1 I-40 and US 64 (Burkemont Road). \$675,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$235,000.00
Henderson Co. Div. 14 B-4147 DIVISION	WBS 33496.2.2 Replace Bridge #75 over Right Prong Mud Creek on SR 1123 and Bridge #76 over Left Prong Mud Creek on SR 1123 in Henderson. Initial funds are requested to cover a claim.	\$18,925.00
Polk Co. Div. 14 R-5867 DIVISION	WBS 47847.3.1 Construct two bridges on US 74 from the northwest quadrant of Exit 270 to John Shehan Road. \$4,500,000.00 has previously been approved for construction. This is an Economic Development project. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$715,000.00
Statewide M-0376 STATEWIDE/ REGIONAL/ DIVISION	WBS 39406.1.3 Geotechnical investigations, studies and preliminary engineering for miscellaneous projects, statewide. \$1,664,271.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget using 40% Statewide (\$280,000.00) / 30% Regional (\$210,000.00) / 30% Division (\$210,000.00) Tier funding.	\$700,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	18 PROJECTS	\$356,532,472.59
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	43 PROJECTS	\$35,324,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	52 PROJECTS	\$21,305,843.20
STATEWIDE/REGIONAL TRANSPORTATION INVESTMENTS	1 PROJECT	\$920,000.00
STATEWIDE/REGIONAL/DIVISION TRANSPORTATION INVESTMENTS	1 PROJECT	\$700,000.00
REGIONAL/DIVISION TRANSPORTATION INVESTMENTS	1 PROJECT	\$870,000.00
BONUS ALLOCATION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$1,100,000.00
STATEWIDE/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	3 PROJECTS	\$9,800,000.00

**NCDOT August 2019 Board of Transportation Agenda
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**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 SS-6005A	WBS 48839.2.1 NC 42 from SR 5330 to SR 5367. NC 42 at SR 2727 (Sauls Road). Initial Spot Safety right of way and utilities funds are needed for a three-lane cross section installation and turn lane construction. This project is being set up only as a 20% companion match to allocated STBG-DA funds for the location. File 05-14-8133-1R	\$44,500.00
Wake Co. Div. 5 SS-6005A	WBS 48839.1.1 NC 42 from SR 5330 to SR 5367. NC 42 at SR 2727 (Sauls Road). Initial Spot Safety preliminary engineering funds are needed for a three-lane cross section installation and turn lane construction. This project is being set up only as a 20% companion match to allocated STBG-DA funds for the location. Transfer \$48,500.00 from SS-6005A (48839.1.1) to W-5601EX (50138.1.155) to cover the 20% state match needed, and then close 48839.1.1. File 05-14-8133-1P	\$48,500.00
Wake Co. Div. 5 SS-6005A	WBS 48839.3.1 NC 42 from SR 5330 to SR 5367. NC 42 at SR 2727 (Sauls Road). Initial Spot Safety construction funds are needed for a three-lane cross section installation and turn lane construction. This project is being set up only as a 20% companion match to allocated STBG-DA funds for the location. File 05-14-8133-1C	\$366,000.00
Fayetteville/ Cumberland Co. Div. 6 SS-4906CV	WBS 47118.3.1 NC 162 (Bingham Drive) at Pepperbush Drive and Greenock Avenue. \$174,500.00 in Spot Safety construction funds has previously been approved for directional leftover construction. Additional funds are needed due to an increase in construction costs. File 06-16-43682-2	\$195,000.00

**NCDOT August 2019 Board of Transportation Agenda
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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Harnett Co. Div. 6 SS-4906DW	WBS 48249.3.1 US 401 at SR 2027 (Josey Williams Road / Horseshoe Bend Road). \$45,000.00 in Spot Safety construction funds has previously been approved for actuated flasher installation. Scope needs to be revised to All-Way Stop with flashers installation instead. No additional funds needed. File 06-18-52505-1	\$0.00
ITEM L SUMMARY	5 PROJECTS	\$654,000.00

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

Division 1

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Dare Co. B-2500 REGIONAL	32635.1.9, BRNHF-0012(067) Basnight Bridge Coastal Monitoring Program and NC 12 Transportation Management Plan. Funds are needed for preliminary engineering and program implementation.	\$4,105,000.00 Cost \$3,284,000.00 Fed. \$821,000.00 State

Safety

Chowan Co. W-5701E REGIONAL	44847.2.5, HSIP-0032(010) NC 32 / NC 37 (Haughton Road) at NC 32 (Poplar Neck Road) and SR 1108 (Indian Trail Road). Funds are needed for full right of way and utilities.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
Hertford Co. W-5701H REGIONAL	44847.1.8, HSIP-0011(043) NC 11 at SR 1169 (Woodrow School Road). Funds are needed for preliminary engineering.	\$105,000.00 Cost \$94,500.00 Fed. \$10,500.00 State

Rural

Dare Co. R-5014 DIVISION	41162.3.1, STP-1217(006) SR 1217 (Collington Road) from the dead end to US 158 (Croatan Highway) in Kill Devil Hills. \$11,700,000.00 has previously been approved for construction. Reduce funds due to schedule change. Project moved to 2020.	-\$11,700,000.00 Cost -\$9,360,000.00 Fed. -\$2,340,000.00 State
--------------------------------	--	--

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

Division 2

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Lenoir Co.	46305.3.70, STP-0070(233)	\$50,000.00 Cost
ER-5600BB	US 70 from the historic James Parrott House and adjoining	\$40,000.00 Fed.
STATEWIDE	properties to the US 70 / NC 148 Interchange in Kinston. Funds are needed for landscaping.	\$10,000.00 State

Safety

Lenoir Co.	44848.3.17, HSIP-1571(006)	\$10,000.00 Cost
W-5702Q	SR 1571 (Carey Road) at SR 1572 (Rouse Road). Funds are	\$9,000.00 Fed.
DIVISION	needed for construction to install concrete island.	\$1,000.00 State
Carteret Co.	44848.1.21, Federal No. 0070234	\$75,000.00 Cost
W-5702U	US 70 (Arendell Street) at SR 1237 (Harris Street) and the	\$67,500.00 Fed.
STATEWIDE	Crystal Coast Plaza Shopping Center at Industrial Drive in Morehead City. Funds are needed for preliminary engineering.	\$7,500.00 State
Craven Co.	44848.1.22, Federal No. 1400014	\$300,000.00 Cost
W-5702V	SR 1400 (River Road) at SR 1450 (Nelson Road) near	\$270,000.00 Fed.
DIVISION	Vanceboro. Funds are needed for preliminary engineering.	\$30,000.00 State
Pitt Co.	44848.3.15, HSIP-0264(066)	\$30,000.00 Cost
W-5702O	US 264 Alternate (Greenville Boulevard) at Mall Drive. Funds	\$27,000.00 Fed.
REGIONAL	are needed for construction to revise traffic signals.	\$3,000.00 State

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

Division 3

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Duplin/ Pender Co. I-5940 STATEWIDE	45883.3.GV1, STBGIM-0040(075) I-40 from east of the Sampson-Duplin County Line (Milemarker 360) to west of US 117 (Milemarker 389). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 28, 2019. This is a GARVEE BOND project with \$2,660,000.00 of Federal Funds in FFY19 thru FFY 33 and \$11,000,000.00 State Match in FFY 19.	\$50,900,000.00 Cost \$39,900,000.00 Fed. \$11,000,000.00 State

Urban

Onslow Co. U-4906 DIVISION	40255.2.2, STP-1308(12) SR 1308 (Gum Branch Road) from west of SR 1313 (Mills Fields Road) to just east of SR 1324 (Ramsey Road). \$1,900,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$570,000.00 Cost \$456,000.00 Fed. \$114,000.00 State
----------------------------------	--	--

Rail Program

Duplin Co. Z-5800CA DIVISION	44806.1.4, Federal No. 0317008 Railway-Highway Grade Crossing Safety Project at Sandy Street and CSX Crossing #629 044S in Magnolia. Funds are needed for preliminary engineering.	\$28,000.00 Cost \$25,200.00 Fed. \$2,800.00 State
------------------------------------	---	--

Bicycle and Pedestrian

Brunswick Co. EB-6025 DIVISION	48527.1.1, STBGDA-0133(015) Rice Hope Multi-use Path along NC 133 between Morecamble Boulevard and Rice Hope Run in Belville. Funds are needed for preliminary engineering.	\$18,000.00 Cost \$14,400.00 Fed. \$3,600.00 Local
Brunswick Co. EB-6026 DIVISION	48528.1.1, TAPDA-0332(139) Belville Elementary Multi-use Path along NC 133 connecting the north and south entrances of Hawkeswater Development to Belville Elementary School. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$12,000.00 Fed. \$3,000.00 Local

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

Division 4

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Nash Co. C-5549 EXEMPT	51019.1.1, CMAQ-0431(032) Winstead Avenue Sidewalks along Winstead Avenue and West Raleigh Boulevard in Rocky Mount. Funds are needed for preliminary engineering.	\$86,000.00 Cost \$68,800.00 Fed. \$17,200.00 Local

Safety

Nash/ Wilson Co. W-4704AA STATEWIDE	44850.1.27, HSIP-0264(072) US 264 guardrails in Wilson and Nash Counties. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
Nash/ Wilson Co. W-5704AA STATEWIDE	44850.3.27, HSIP-0264(072) US 264 guardrails in Wilson and Nash Counties. Funds are needed for construction to upgrade guardrail end units.	\$435,000.00 Cost \$391,500.00 Fed. \$43,500.00 State
Wilson Co. W-5204C REGIONAL	45334.3.3, HSIP-0042(053) NC 42 from SR 1500 (Bullard Court) to SR 1502 (Tartt's Mill Road). Funds are needed for construction to install left turn lanes and improve superelevation.	\$950,000.00 Cost \$855,000.00 Fed. \$95,000.00 State

Rural

Johnston Co. R-5784DI DIVISION	44914.3.17, TAP-0406(010) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000 in Clayton. Funds are needed for construction to install curb ramps and retrofit existing ramps.	\$310,500.00 Cost \$248,400.00 Fed. \$41,175.00 State \$20,925.00 Local
Johnston Co. R-5784DK DIVISION	44914.3.19, TAP-0420(001) ADA Ramps (Americans with Disabilities Act) for areas with populations < 5,000 in Micro. Funds are needed for construction to install curb ramps and retrofit existing ramps.	\$163,375.00 Cost \$130,700.00 Fed. \$24,450.00 State \$8,225.00 Local
Johnston Co. R-5784DL DIVISION	44914.3.20, TAP-0434(003) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000 in Selma. Funds are needed for construction to install curb ramps and retrofit existing ramps.	\$371,250.00 Cost \$297,000.00 Fed. \$74,250.00 State

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

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. C-5604AA EXEMPT	43714.1.14, CMAQ-0501(049) Pedestrian Improvements along Kelly Road and Apex Barbecue Road in Apex. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$7,000.00 Fed. \$3,000.00 Local

Urban

Wake Co. U-5518 STATEWIDE	43612.2.1, NHS-0070(170) US 70 (Glenwood Avenue) from west of SR 3067 (T.W. Alexander Drive) to I-540 in Raleigh. Right of way funds are needed for advanced acquisition of Specific Parcel 901 (Property of CIP Brier Creek, LLC).	\$7,510,006.00 Cost \$6,008,004.00 Fed. \$1,502,002.00 State
Wake Co. U-6096 DIVISION	47916.3.1, STBGDA-2763(001) SR 2763 (Old Honeycutt Road) at SR 1301 (Purfoy Road) in Fuquay-Varina. Funds are needed for construction to improve intersection.	\$962,000.00 Cost \$721,500.00 Fed. \$240,500.00 Local

Safety

Durham Co. W-5601EM DIVISION	50138.3.144, HSIP-1118(008) SR 1118 (Fayetteville Road) at Pilot Street and Cecil Street in Durham. Funds are needed for construction to revise traffic signals.	\$14,000.00 Cost \$12,600.00 Fed. \$1,400.00 State
Wake Co. W-5705AK STATEWIDE	44851.1.37, Federal No. 2516001 SR 2516 (Hodge Road) at SR 2515 (Old Faison Road) and the I-87 Southbound Ramps near Knightdale. Funds are needed for preliminary engineering.	\$80,000.00 Cost \$72,000.00 Fed. \$8,000.00 State
Wake Co. W-5705H DIVISION	44851.1.9, HSIP-2509(002) SR 2509 (Mial Plantation Road) at SR 2506 (Major Slade Road) in Shotwell. \$175,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$90,000.00 Cost \$81,000.00 Fed. \$9,000.00 State

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

Division 6

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland/ Harnett Co. I-5986A STATEWIDE	47532.3.2, NHP-0095(057) I-95 Business from US 301 (Exit 56) to SR 1001 (Long Branch Road - Exit 71) (combined with: I-5877: I-95 at SR 1811 (Bud Hawkins Road - Exit 70) and SR 1001 (Long Branch Road - Exit 71)). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 28, 2019. This is a Design Build Project. This is a Federal INFRA Grant Project (Infrastructure for Rebuilding America). This project also includes \$299,236,000.00 of Strategic Transportation Investment (STI) funds (see page K-9 for State STI funding).	\$119,264,000.00	Cost
		\$119,264,000.00	Fed.
Robeson Co. I-5879 DIVISION	53079.2.1, NHP-0095(006) I-95 at SR 1528 (Carthage Road - Exit 19). Funds are needed for full right of way and utilities.	\$2,000,000.00	Cost
		\$1,600,000.00	Fed.
		\$400,000.00	State

Safety

Bladen Co. W-5706V REGIONAL	44852.1.23, Federal No. 0701037 US 701 at NC 210 (Hickory Grove Crossroads) and NC 41 at NC 210 (Smith Crossroads). Funds are needed for preliminary engineering.	\$10,000.00	Cost
		\$9,000.00	Fed.
		\$1,000.00	State
Cumberland Co. W-5706G REGIONAL	44852.2.7, HSIP-0059(009) NC 59 (Hope Mills Road) from NC 162 (George Owen Drive) to SR 1003 (Camden Road). Funds are needed for full right of way and utilities.	\$250,000.00	Cost
		\$225,000.00	Fed.
		\$25,000.00	State

Rural

Cumberland/ Harnett Co. R-5786FA DIVISION	44916.3.12, TAP-0620(056) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000. Funds are needed for construction to install concrete curb ramps and retrofit existing ramps.	\$2,275,810.00	Cost
		\$1,820,648.00	Fed.
		\$455,162.00	State
Cumberland/ Harnett Co. R-5786FB DIVISION	44916.3.13, TAP-0620(057) ADA Ramps (Americans with Disabilities Act) for areas with populations < 5,000. Funds are needed for construction to install concrete curb ramps and retrofit existing ramps.	\$363,360.00	Cost
		\$290,688.00	Fed.
		\$72,672.00	State

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

Division 7

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Orange Co. C-5184 EXEMPT	46243.3.3, CMS-0711(014) Riverwalk Trail Phase III to construct trailway along the Eno River connecting River Park, Gold Park and the Occoneechee Mountain State natural area in Hillsborough. \$486,000.00 has previously been approved for construction. Additional funds are needed as requested to complete the trailway.	\$648,563.00 Cost \$518,850.00 Fed. \$129,713.00 Local

Urban

Guilford Co. U-5892 REGIONAL	44673.1.1, NHP-0220(083) US 220 (Battleground Avenue) from Westridge Road to Cotswold Avenue in Greensboro. \$600,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,750,000.00 Cost \$1,400,000.00 Fed. \$350,000.00 State
------------------------------------	---	--

Safety

Caswell Co. W-5707H REGIONAL	44853.2.8, HSIP-0087(040) NC 87 at SR 1144 (Browns Chapel Road) and SR 1142 (Brown Road). Funds are needed for full right of way and utilities.	\$120,000.00 Cost \$108,000.00 Fed. \$12,000.00 State
------------------------------------	--	---

Rural

Alamance/ Orange Co. R-5787F DIVISION	44917.3.7, TAP-0708(116) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000. Funds are needed for construction to install concrete curb ramps and retrofit existing ramps.	\$850,000.00 Cost \$680,000.00 Fed. \$170,000.00 State
Divisionwide R-5787E DIVISION	44917.3.6, TAP-0708(115) ADA Ramps (Americans with Disabilities Act) for areas with populations < 5,000. Funds are needed for construction to install concrete curb ramps and retrofit existing ramps.	\$400,000.00 Cost \$320,000.00 Fed. \$80,000.00 State
Guilford Co. R-5787G DIVISION	44917.3.8, TAP-0708(117) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000. Funds are needed for construction to install concrete curb ramps and retrofit existing ramps.	\$275,000.00 Cost \$220,000.00 Fed. \$55,000.00 State

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

Division 8

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Hoke Co. W-5708E REGIONAL	44854.3.5, HSIP-0211(041) NC 211 at SR 1219 (Army Road / Plank Road). Funds are needed for construction to install traffic signal.	\$405,000.00 Cost \$364,500.00 Fed. \$40,500.00 State
Randolph Co. W-5708L REGIONAL	44854.1.12, HSIP-0220(097) US 220 Business (North Fayetteville Street) from Beasley Street to Balfour Avenue in Asheboro. Funds are needed for preliminary engineering.	\$42,000.00 Cost \$37,800.00 Fed. \$4,200.00 State

Bicycle and Pedestrian

Moore Co. EB-5741 DIVISION	51064.1.1, TAP-0801(023) US 1 / US 15 / US 501 (Sandhills Boulevard) at Maple Avenue in Aberdeen. Funds are needed for preliminary engineering.	\$7,500.00 Cost \$6,000.00 Fed. \$1,500.00 Local
Moore Co. EB-5869 DIVISION	47325.1.1, TAP-1203(005) SR 1203 (Johnson Street) from US 15 / US 501 to Mike Place in Aberdeen. Funds are needed for preliminary engineering.	\$34,200.00 Cost \$27,360.00 Fed. \$6,840.00 Local

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

Division 9

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Forsyth Co. Z-5700ID DIVISION	44803.3.31, RR-0797(004) Railway-Highway Grade Crossing Safety Project at Nelson Street and Norfolk Southern Crossing #722 079V in Kernersville. Funds are needed for construction to revise signals and gates.	\$405,000.00 Cost \$364,500.00 Fed. \$40,500.00 State

Bicycle and Pedestrian

Forsyth Co. U-4741OJ DIVISION	39745.1.F27, STPDA-0999(010) NC 65 Sidewalk Project along NC 65 from Runningbrook Lane to Norvasa Street in Rural Hall. \$75,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,945.00 Cost \$2,356.00 Fed. \$589.00 Local
Forsyth Co. U-4741OJ DIVISION	39745.2.F27, STPDA-0999(010) NC 65 Sidewalk Project along NC 65 from Runningbrook Lane to Norvasa Street in Rural Hall. \$66,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$41,920.00 Cost \$33,536.00 Fed. \$8,384.00 Local

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

Division 10

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cabarrus Co. C-5603F EXEMPT	43713.1.6, CMAQ-1001(092) Bethpage Road Sidewalks - SR 1643 (Bethpage Road) from SR 1008 (South Main Street) to Leonard Avenue, and from Westgreen Drive to Klondale Avenue in Kannapolis. \$121,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$103,200.00 Cost \$82,560.00 Fed. \$20,640.00 Local
Mecklenburg Co. C-5613A EXEMPT	43735.3.3, CMAQ-1003(160) Charlotte Bike Share Program. Funds are needed for construction to install bike share stations and for procurement to purchase bicycles.	\$1,282,052.00 Cost \$1,000,000.00 Fed. \$282,052.00 Local
Mecklenburg Co. C-5613D EXEMPT	43735.3.4, CMAQ-0051(035) NC 51 (Matthews Township Parkway) at SR 3474 (Sam Newell Road) and SR 5612 (Trade Street). Funds are needed for construction to install left turn lanes.	\$690,000.00 Cost \$552,000.00 Fed. \$138,000.00 State
Mecklenburg Co. C-5613I EXEMPT	43735.3.13, CMAQ-0051(034) NC 51 Sidewalks along NC 51 (Pineville-Matthews Road) from McAlpine Creek to Ridgeloach Place in Charlotte. Funds are needed for construction to install sidewalks.	\$4,840,688.00 Cost \$3,098,040.00 Fed. \$1,742,648.00 Local

Urban

Mecklenburg Co. U-4714AC DIVISION	39078.2.10, Federal No. 1009026 SR 1009 (John Street / Old Monroe Road) from east of I-485 to west of Morningside Meadow Lane in Matthews. Funds are needed for full right of way and utilities. This is a three-year cashflow project with \$501,200.00 of Federal funds in FFY19, and \$4,761,400.00 in both FFY20 and FFY21; and State Match funds of \$125,300.00 in FFY19, and \$1,190,350.00 in both FFY20 and FFY21.	\$12,530,000.00 Cost \$10,024,000.00 Fed. \$2,506,000.00 State
Union Co. U-5112 DIVISION	42374.2.1, STPDA-1032(003) SR 1364 (Pleasant Plains Road) at SR 1357 (Potters Road). \$325,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested. This is a Strategic Transportation Investment Transition project.	\$989,000.00 Cost \$891,200.00 Fed. \$97,800.00 Local

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

Division 10 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Union Co. U-6088 DIVISION	47883.2.1, STBGDA-1003(169) SR 1315 (New Town Road) at SR 1312 (Marvin Road). Funds are needed for full right of way and utilities.	\$75,000.00 \$45,000.00 \$15,000.00 \$15,000.00	Cost Fed. State Local

Bridge

Cabarrus Co. B-5808 REGIONAL	45762.2.1, NHP-0029(062) Replace Bridge #57 and Bridge #59 over Irish Buffalo Creek on US 29 / US 601 in Concord. Funds are needed for full right of way and utilities.	\$255,000.00 \$204,000.00 \$51,000.00	Cost Fed. State
Union Co. B-5806 DIVISION	45760.2.1, BRZ-2111(001) Replace Bridge #129 over Lanes Creek on SR 2111. Funds are needed for full right of way and utilities.	\$122,500.00 \$98,000.00 \$24,500.00	Cost Fed. State

Safety

Mecklenburg Co. W-5601FK DIVISION	50138.3.168, HSIP-2802(001) SR 2802 (Rocky River Road) at SR 2826 (Hood Road) and SR 2827 (Back Creek Church Road). \$1,046,165.00 has previously been approved for construction. Additional funds are needed as requested to install left turn lanes.	\$130,000.00 \$117,000.00 \$13,000.00	Cost Fed. State
Stanly Co. W-5710AC DIVISION	44856.2.29, HSIP-1650(010) SR 1650 (North East Connector) at Moss Springs Road in Albemarle. Funds are needed for full right of way and utilities.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
Stanly Co. W-5710AG DIVISION	44856.2.35, HSIP-1542(013) SR 1542 (Ridge Street) and SR 1545 (Mountain View Church Road) near Albemarle. Funds are needed for full right of way and utilities.	\$50,000.00 \$45,000.00 \$5,000.00	Cost Fed. State
Union Co. W-5601BK REGIONAL	50138.3.64, HSIP-0200(004) NC 200 (Lancaster Highway) at SR 1117 (Providence Road South). \$755,000.00 has previously been approved for construction. Additional funds are needed as requested to construct roundabout.	\$409,200.00 \$368,280.00 \$40,920.00	Cost Fed. State

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

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Union Co. W-5710AM DIVISION	44856.1.41, HSIP-1001(091) SR 1001 (Sikes Mill Road) and SR 1617 (Tom Boyd Road) in Unionville. \$85,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$65,000.00 \$58,500.00 \$6,500.00	Cost Fed. State
Union Co. W-5710AM DIVISION	44856.2.41, HSIP-1001(091) SR 1001 (Sikes Mill Road) and SR 1617 (Tom Boyd Road) in Unionville. Funds are needed for full right of way and utilities.	\$225,000.00 \$202,500.00 \$22,500.00	Cost Fed. State
Union Co. W-5710AR DIVISION	44856.1.46, Federal No. 1004072 SR 1004 (Lawyers Road) at SR 1532 (Indian Trail Fairview Road) near Fairview. Funds are needed for preliminary engineering.	\$80,000.00 \$72,000.00 \$8,000.00	Cost Fed. State
Union Co. W-5710AS DIVISION	44856.1.47, Federal No. 1514009 SR 1004 (Lawyers Road) at SR 1514 (Rocky River Road) near Indian Trail. Funds are needed for preliminary engineering.	\$175,000.00 \$157,500.00 \$17,500.00	Cost Fed. State
Union Co. W-5710H REGIONAL	44856.3.8, HSIP-0218(015) NC 218 at SR 1525 (Mill Grove Road) near Fairview. \$850,000.00 has previously been approved for construction. Additional funds are needed as requested to install roundabout.	\$250,000.00 \$225,000.00 \$25,000.00	Cost Fed. State
Union Co. W-5710I REGIONAL	44856.2.9, HSIP-0200(005) NC 200 (Morgan Mill Road) and NC 218. Funds are needed for full right of way and utilities.	\$75,000.00 \$67,500.00 \$7,500.00	Cost Fed. State
Union Co. W-5710K REGIONAL	44856.3.11, HSIP-0200(007) NC 200 (Lancaster Highway) and SR 1128 (McWhorter Road / Tom Starnes Road). Funds are needed for construction to install roundabout.	\$850,000.00 \$765,000.00 \$85,000.00	Cost Fed. State
Union Co. W-5710U DIVISION	44856.2.21, HSIP-1315(020) SR 1315 (New Town Road) at SR 1319 (Ennis Road) and SR 1320 (Broomes Old Mill Road) near Weddington. Funds are needed for full right of way and utilities.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State

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

Division 12

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Catawba Co.	50133.2.1, NHPP-0402(166)	\$280,000.00	Cost
I-5716	I-40 and the SR 1007 (Lenoir Rhyne Boulevard) interchange.	\$224,000.00	Fed.
STATEWIDE	Funds are needed for full right of way and utilities.	\$56,000.00	State

Safety

Iredell Co.	45342.2.10, HRRR-1302(60)	\$150,000.00	Cost
W-5212J	SR 1302 (Cornelius Road) / SR 1399 (Liva Lane) at SR 1303	\$135,000.00	Fed.
DIVISION	(Perth Road). Funds are needed for full right of way and utilities.	\$15,000.00	State

Bicycle and Pedestrian

Catawba Co.	48473.1.1, BGDA-1143(021)	\$400,000.00	Cost
EB-5977	Ninth Street Trailway Project along Ninth Street Northwest to	\$320,000.00	Fed.
DIVISION	connect City Walk to the Old Lenoir Road Trailway in Hickory. Funds are needed for preliminary engineering.	\$80,000.00	Local

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

Division 13

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Buncombe Co. B-6016 DIVISION	48211.2.1, BRZ-2027(001) Replace Bridge #142 over Martin Creek on SR 2027. Funds are needed for full right of way and utilities.	\$50,000.00 \$40,000.00 \$10,000.00	Cost Fed. State
Burke Co. B-6011 DIVISION	48206.2.1, BRZ-1430(009) Replace Bridge #145 over Bristol Creek on SR 1430. Funds are needed for full right of way and utilities.	\$65,000.00 \$52,000.00 \$13,000.00	Cost Fed. State
McDowell Co. B-6014 DIVISION	48209.2.1, BRZ-1781(001) Replace Bridge #312 over Second Broad River on SR 1781. Funds are needed for full right of way and utilities.	\$100,000.00 \$80,000.00 \$20,000.00	Cost Fed. State
McDowell Co. B-6014 DIVISION	48209.3.1, BRZ-1781(001) Replace Bridge #312 over Second Broad River on SR 1781 (combined with: B-6011: Replace Bridge #145 over Bristol Creek on SR 1430; B-6013: Replace Bridge #207 over Grassy Creek on SR 1106; and B-6016: Replace Bridge #142 over Martin Creek on SR 2027). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published April 9, 2019. This is a Design-Build Project.	\$3,225,000.00 \$2,580,000.00 \$645,000.00	Cost Fed. State
Mitchell Co. B-6013 DIVISION	48208.2.1, BRZ-1106(016) Replace Bridge #207 over Grassy Creek on SR 1106. Funds are needed for full right of way and utilities.	\$40,000.00 \$32,000.00 \$8,000.00	Cost Fed. State

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

Division 13 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide W-5713T DIVISION	44861.1.20, Federal No. 1302088 Revise pavement markings on various secondary routes in Highway Division 13 - Buncombe, Burke and Madison Counties. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Divisionwide W-5713U DIVISION	44861.1.21, Federal No. 1302089 Revise pavement markings on various secondary routes in Highway Division 13 - Buncombe, Burke, Madison, McDowell and Yancey Counties. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Divisionwide W-5713V DIVISION	44861.1.22, Federal No. 1302090 Revise pavement markings on various secondary routes in Highway Division 13 - Rutherford, Buncombe and Madison Counties. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

Bicycle and Pedestrian

Buncombe Co. EB-5774 DIVISION	46407.1.1, STPDA-0251(038) NC 251 (Riverside Drive) from SR 1684 (Elk Mountain Road) to Exit 25 on US 19 / US 23 / US 70. \$450,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$220,000.00 Cost \$176,000.00 Fed. \$44,000.00 Local
--	---	---

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

Division 14

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Henderson Co. I-4400BB STATEWIDE	34232.3.GV8, NHP-0026(015) I-26 from US 64 (Exit 49) to US 25 Business (Exit 44) (combined with: I-4400C: I-26 from US 25 Business (Exit 44) to NC 280 (Exit 40)). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 28, 2019. This is a GARVEE BOND project with \$3,768,020.00 of federal funds in FFY 19 thru FFY 33 and \$14,637,000.00 of State Match in FFY 19. This project also includes \$33,001,000.00 of National Highway Performance Program (NHPP) funds with a State Match of \$8,250,400.00 in FFY 19.	\$112,408,700.00 \$89,521,300.00 \$22,887,400.00	Cost Fed. State
Henderson Co. I-4400C REGIONAL	34232.3.5, NHP-0261(200) I-26 from US 25 Business (Exit 44) to NC 280 (Exit 40) (combined with: I-4400BB: I-26 at US 64 (Exit 49) to US 25 Business (Exit 44)). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 28, 2019.	\$114,800,000.00 \$91,840,000.00 \$22,960,000.00	Cost Fed. State
Safety			
Haywood Co. W-5714H DIVISION	44862.3.8, HSIP-1887(001) SR 1887 (Chinquapin Road) from US 276 to the end of state maintenance near Cruso. Funds are needed for construction to install guardrails.	\$150,000.00 \$135,000.00 \$15,000.00	Cost Fed. State
Henderson Co. W-5714J DIVISION	44862.1.10, HSIP-1358(005) SR 1358 (Fanning Bridge Road) at SR 1359 (Rutledge Road) in Fletcher. \$3,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,000.00 \$1,800.00 \$200.00	Cost Fed. State
Transylvania Co. W-5714M REGIONAL	44862.3.13, HSIP-0064(205) US 64 Business / US 64 (North Caldwell Street) at French Broad Street in Brevard. Funds are needed for construction to install pedestrian signals and curb ramps.	\$55,000.00 \$49,500.00 \$5,500.00	Cost Fed. State

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

Statewide

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide C-4903 EXEMPT	44003.3.1, CMS-000S(450) North Carolina Air Quality Forecasts and Awareness Outreach Program. \$2,275,000.00 has previously been approved for program implementation. Additional funds are needed as requested to continue the air quality awareness program.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 Other

Planning and Research

Statewide NO ID EXEMPT	44100.20.6, SPR-0SPR(255) NCDOT 2020 Research Work Program. Contract Research Projects. Funds are needed for new research contracts and projects.	\$10,915,000.00 Cost \$8,732,000.00 Fed. \$2,183,000.00 State
Statewide NO ID EXEMPT	44100.20.5, SPR-0SPR(255) NCDOT 2020 Research Work Program. In-House Research Project 20-5: Federal program support. Funds are needed for special studies and traffic data collection activities associated with the Strategic Highway Research Program.	\$68,000.00 Cost \$54,400.00 Fed. \$13,600.00 State
Statewide NO ID EXEMPT	44100.20.4, SPR-0SPR(255) NCDOT 2020 Research Work Program. In-House Research Project 20-4: Subscriptions and memberships. Funds are needed to continue technical service program subscriptions.	\$230,000.00 Cost \$184,000.00 Fed. \$46,000.00 State
Statewide NO ID EXEMPT	44100.20.3, SPR-0SPR(255) NCDOT 2020 Research Work Program. In-House Research Project 20-3: Experimental feature evaluation, implementation, and training support. Funds are needed to support ongoing research activities.	\$255,000.00 Cost \$204,000.00 Fed. \$51,000.00 State
Statewide NO ID EXEMPT	44100.20.2, SPR-0SPR(255) NCDOT 2020 Research Work Program. In-House Research Project 20-2: Technical reference and library services. Funds are needed to maintain and operate the NCDOT Research and Development Library.	\$210,000.00 Cost \$168,000.00 Fed. \$42,000.00 State

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

Statewide (Continued)

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	44100.20.1, SPR-0SPR(255)	\$950,000.00	Cost
NO ID	NCDOT 2020 Research Work Program. In-House Research	\$760,000.00	Fed.
EXEMPT	Project 20-1: Staff Research. Funds are needed for research and development activities.	\$190,000.00	State

Supportive Services Work Program

Statewide	50084.1.27, NST-OSOW(001)	\$104,000.00	Cost
M-0460ZA	NCDOT Transportation Scholarship Program for Historically Black Colleges and Universities (HBCU) and Minority Serving Institutions (MSI). Funds are needed for student scholarship awards during the 2019-2020 academic year.	\$104,000.00	Fed.
EXEMPT			
Statewide	50141.1.6, OJT-00JT(023)	\$1,188,597.00	Cost
M-0478F	NCDOT 2018 Supportive Services allocation for On-the-Job (OJT) Training. \$153,724.00 has previously been approved for implementation. Additional funds are needed as requested.	\$1,188,597.00	Fed.
EXEMPT			
Statewide	50141.1.7, OJT-00JT(024)	\$1,245,184.00	Cost
M-0478G	NCDOT 2019 Supportive Services allocation for On-the-Job (OJT) Training. Funds are needed for program implementation.	\$1,245,184.00	Fed.
EXEMPT			

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 1

* BR-0117	REPLACE BRIDGE NO. 650052 OVER GUMBERRY SWAMP ON SR 1313 (HARGRAVES ROAD).	RIGHT-OF-WAY CONSTRUCTION	FY 2019 -	\$80,000	(O)
NORTHAMPTON			FY 2020 -	\$400,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD GRANT.</u>		FY 2021 -	\$400,000	(O)
DIVISION				<u>\$880,000</u>	

* BR-0118	REPLACE BRIDGE NO. 650093 OVER JACKS SWAMP ON SR 1203 (JACKS SWAMP ROAD).	RIGHT-OF-WAY CONSTRUCTION	FY 2019 -	\$40,000	(O)
NORTHAMPTON			FY 2020 -	\$250,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD GRANT.</u>		FY 2021 -	\$250,000	(O)
DIVISION				<u>\$540,000</u>	

DIVISION 2

* BR-0110	REPLACE BRIDGE NO. 060072 OVER CHOCOWINITY CREEK ON SR 1127 (POSSUM TRACK ROAD).	RIGHT-OF-WAY CONSTRUCTION	FY 2019 -	\$140,000	(O)
BEAUFORT			FY 2020 -	\$362,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD GRANT.</u>		FY 2021 -	\$363,000	(O)
DIVISION				<u>\$865,000</u>	

* BR-0119	REPLACE BRIDGE NO. 730109 OVER GRINDLE CREEK ON SR 1514 (STANTON MILL ROAD).	RIGHT-OF-WAY CONSTRUCTION	FY 2019 -	\$130,000	(O)
PITT			FY 2020 -	\$250,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD GRANT.</u>		FY 2021 -	\$250,000	(O)
DIVISION				<u>\$630,000</u>	

* BR-0120	REPLACE BRIDGE NO. 730123 OVER MEADOW BRANCH ON SR 1551.	RIGHT-OF-WAY CONSTRUCTION	FY 2019 -	\$40,000	(O)
PITT			FY 2020 -	\$337,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD GRANT.</u>		FY 2021 -	\$338,000	(O)
DIVISION				<u>\$715,000</u>	

DIVISION 3

* BR-0121	REPLACE BRIDGE NO. 810178 OVER SEVENMILE SWAMP ON SR 1804 (HOUSES MILL ROAD).	RIGHT-OF-WAY CONSTRUCTION	FY 2019 -	\$150,000	(O)
SAMPSON			FY 2020 -	\$700,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD GRANT.</u>		FY 2021 -	\$700,000	(O)
DIVISION				<u>\$1,550,000</u>	

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 3

* BR-0122	REPLACE BRIDGE NO. 810348 OVER BEAVERDAM	RIGHT-OF-WAY	FY 2019 -	\$50,000	(O)
SAMPSON	CREEK ON SR 1703 (OLD GOLDSBORO ROAD).	CONSTRUCTION	FY 2020 -	\$250,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	<u>\$250,000</u>	(O)
DIVISION	<u>GRANT.</u>			\$550,000	

DIVISION 4

* BR-0111	REPLACE BRIDGE NO. 320003, 320004, 320005 OVER	RIGHT-OF-WAY	FY 2020 -	\$420,000	(O)
EDGEcombe	SWIFT CREEK ON SR 1404 (7 BRIDGES ROAD).	CONSTRUCTION	FY 2020 -	\$2,150,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	<u>\$2,150,000</u>	(O)
DIVISION	<u>GRANT.</u>			\$4,720,000	

* BR-0112	REPLACE BRIDGE NO. 320035 OVER OTTER CREEK ON	RIGHT-OF-WAY	FY 2019 -	\$230,000	(O)
EDGEcombe	SR 1616 (SHARP POINT ROAD).	CONSTRUCTION	FY 2020 -	\$1,150,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	<u>\$1,150,000</u>	(O)
DIVISION	<u>GRANT.</u>			\$2,530,000	

* BR-0113	REPLACE BRIDGE NO. 410115 OVER ROCKY SWAMP	RIGHT-OF-WAY	FY 2020 -	\$130,000	(O)
HALIFAX	ON SR 1601 (SLEDGE ROAD).	CONSTRUCTION	FY 2020 -	\$700,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	<u>\$700,000</u>	(O)
DIVISION	<u>GRANT.</u>			\$1,530,000	

* BR-0116	REPLACE BRIDGE NO. 630080 OVER GIDEON SWAMP	RIGHT-OF-WAY	FY 2019 -	\$150,000	(O)
NASH	ON SR 1403 (COOPER ROAD).	CONSTRUCTION	FY 2020 -	\$700,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	<u>\$700,000</u>	(O)
DIVISION	<u>GRANT.</u>			\$1,550,000	

* U-6223	(SR 1560) RANCH ROAD EXTENSION, US 70 BUS/NC 42	RIGHT-OF-WAY	FY 2020 -	\$1,735,000	(BGDA)
JOHNSTON	TO RANCH ROAD IN CLAYTON. NEW LOCATION		FY 2020 -	\$434,000	(L)
PROJ.CATEGORY	EXTENSION OF RANCH ROAD.	CONSTRUCTION	FY 2020 -	\$5,000,000	(BGDA)
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2020 -	<u>\$1,250,000</u>	(L)
				\$8,419,000	

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 5

* EB-6019	SR 1306 (LAURA DUNCAN ROAD), FROM APEX	CONSTRUCTION	FY 2020 -	\$388,000	(BGDA)
WAKE	COMMUNITY PARK TO NORTH SALEM STREET IN		FY 2020 -	\$166,000	(L)
PROJ.CATEGORY	APEX. IMPROVE SAFETY OF PEDESTRIAN CROSSING.			<u>\$554,000</u>	
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>				

* EB-6020	JUNNY ROAD SIDEWALK EXTENSION, ON N. WILLOW	ENGINEERING	FY 2020 -	\$140,000	(BGDA)
WAKE	ST FROM E JULIA ST TO JUNNY ROAD AND ON S. PARK		FY 2020 -	\$35,000	(L)
PROJ.CATEGORY	ST FROM W. LILLINGTON ST TO NC 210, IN ANGLIER.	RIGHT-OF-WAY	FY 2020 -	\$120,000	(BGDA)
DIVISION	CONSTRUCT SIDEWALK EXTENSION.		FY 2020 -	\$30,000	(L)
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2020 -	\$1,166,000	(BGDA)
			FY 2020 -	<u>\$291,000</u>	(L)
				\$1,782,000	

* EB-6021	BEAVER CREEK GREENWAY EXTENSION, KELLY ROAD	CONSTRUCTION	FY 2020 -	\$5,512,000	(L)
WAKE	PARK TO APEX NATURE PARK IN APEX. GREENWAY		FY 2020 -	\$1,052,000	(TADA)
PROJ.CATEGORY	EXTENSION. REALIGN ADJACENT SEGMENT OF			<u>\$6,564,000</u>	
DIVISION	EXISTING BEAVER CREEK GREENWAY.				
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>				

* U-6222	NC 98, CAMP KANATA RD AND NC 98 IN WAKE FOREST.	ENGINEERING	FY 2020 -	\$30,000	(S)
WAKE	ADD TURN LANES ON NC 98 AND INSTALL TRAFFIC		FY 2020 -	\$120,000	(BGDA)
PROJ.CATEGORY	SIGNAL.	RIGHT-OF-WAY	FY 2020 -	\$4,000	(S)
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2020 -	\$18,000	(BGDA)
		CONSTRUCTION	FY 2020 -	\$210,000	(S)
			FY 2020 -	<u>\$840,000</u>	(BGDA)
				\$1,222,000	

* U-6225	SR 2700 (WHITE OAK RD), SR 2709 (ACKERMAN RD), SR	RIGHT-OF-WAY	FY 2020 -	\$56,000	(BGDA)
WAKE	2547 (HEBRON CHURCH RD) AND SR 2700 (WHITE OAK		FY 2020 -	\$19,000	(L)
PROJ.CATEGORY	RD) IN GARNER CONVERT INTERSECTIONS INTO	CONSTRUCTION	FY 2020 -	\$1,560,000	(BGDA)
DIVISION	SINGLE MULTI-LANE ROUNDABOUT.		FY 2020 -	<u>\$520,000</u>	(L)
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			\$2,155,000	

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 5

* U-6227	SR 1624 (CARPENTER FIRE STA RD), NC 55 TO	RIGHT-OF-WAY	FY 2020 -	\$2,533,000	(BGDA)
WAKE	CAMERON POND DR. IN CARY. WIDEN TO MULTILANES		FY 2020 -	\$3,096,000	(L)
PROJ.CATEGORY	WITH MULTIUSE PATH ON SOUTH SIDE AND SIDEWALK			<u>\$5,629,000</u>	
DIVISION	ON NORTH SIDE.				
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>				

DIVISION 6

* U-6229	NC 24 (BRAGG BOULEVARD), US 401 (SKIBO ROAD) TO
CUMBERLAND	GLENVILLE AVENUE. MEDIAN AND GUARDRAIL
PROJ.CATEGORY	REPLACEMENT, ADD PEDESTRIAN SIGNALS,
REGIONAL	RESURFACE PAVEMENT.
	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY.</u>

DIVISION 11

* BR-0123	REPLACE BRIDGE 850318 ON SR 1319 OVER UT OF	RIGHT-OF-WAY	FY 2019 -	\$35,000	(O)
SURRY	SOUHT FORK MITCHELL RIVER.	CONSTRUCTION	FY 2020 -	\$200,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	<u>\$200,000</u>	(O)
DIVISION	<u>GRANT</u>			\$435,000	

* BR-0124	REPLACE BRIDGE 960166 ON SR 1745 OVER WEST	RIGHT-OF-WAY	FY 2019 -	\$210,000	(O)
WILKES	PRONG ROARING RIVER.	CONSTRUCTION	FY 2020 -	\$1,450,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	<u>\$1,450,000</u>	(O)
DIVISION	<u>GRANT</u>			\$3,110,000	

* BR-0125	REPLACE BRIDGE 960663 ON SR 1002 OVER EAST	RIGHT-OF-WAY	FY 2019 -	\$280,000	(O)
WILKES	PRONG ROARING RIVER.	CONSTRUCTION	FY 2020 -	\$750,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	<u>\$750,000</u>	(O)
DIVISION	<u>GRANT</u>			\$1,780,000	

* BR-0126	REPLACE BRIDGE 480165 ON SR 1601 OVER ROCKY	RIGHT-OF-WAY	FY 2019 -	\$160,000	(O)
WILKES	CREEK.	CONSTRUCTION	FY 2020 -	\$650,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	<u>\$650,000</u>	(O)
DIVISION	<u>GRANT</u>			\$1,460,000	

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 11

* BR-0127	REPLACE BRIDGE 980189 ON SR 1325 OVER UT OF	RIGHT-OF-WAY	FY 2020 -	\$45,000	(O)
YADKIN	SOUTH DEEP CREEK.	CONSTRUCTION	FY 2020 -	\$250,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	\$250,000	(O)
DIVISION	<u>GRANT</u>			<u>\$545,000</u>	

DIVISION 12

* BR-0114	REPLACE BRIDGE 480165 ON SR 1601 OVER ROCKY	RIGHT-OF-WAY	FY 2019 -	\$150,000	(O)
IREDELL	CREEK.	CONSTRUCTION	FY 2020 -	\$150,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	\$150,000	(O)
DIVISION	<u>GRANT</u>			<u>\$450,000</u>	

* BR-0115	REPLACE BRIDGE 480166 ON SR 1595 OVER ROCKY	RIGHT-OF-WAY	FY 2019 -	\$170,000	(O)
IREDELL	CREEK.	CONSTRUCTION	FY 2020 -	\$800,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	\$800,000	(O)
DIVISION	<u>GRANT</u>			<u>\$1,770,000</u>	

* C-5704	CRAMERTON-MCADENVILLE GREENWAY CONNECTOR,	ENGINEERING	FY 2019	\$80,000	(CMAQ)
GASTON	CONSTRUCT GREENWAY CONNECTING PAVED TRAIL		FY 2019	\$20,000	(L)
PROJ.CATEGORY	AT SOUTH FORK VILLAGE IN CRAMERTON TO			<u>\$100,000</u>	
EXEMPT	RIVERSIDE DRIVE IN MCADENVILLE, FOLLOWING				
	SOUTH FORK OF CATAWBA RIVER.				
	<u>ADD PRELIMINARY ENGINEERING IN FY 19 AT</u>				
	<u>REQUEST OF MPO</u>				

* EB-5743	NC 279 (SOUTH NEW HOPE ROAD), SR 2200	ENGINEERING	FY 2019 -	\$149,000	(CMAQ)
GASTON	(ARMSTRONG PARK ROAD) TO SR 1255 (HUDSON		FY 2019 -	\$37,000	(L)
PROJ.CATEGORY	BOULEVARD). CONSTRUCT MISSING SIDEWALK ON			<u>\$186,000</u>	
EXEMPT	SOUTH SIDE OF NC 279.				
	<u>ADD PRELIMINARY ENGINEERING IN FY 19 AS PART</u>				
	<u>OF FUND SWAP WITH MPO.</u>				

* INDICATES FEDERAL
AMENDMENT

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 12

* EB-5975	NC 279 (NEW HOPE ROAD), US 29/74 (FRANKLIN BOULEVARD) TO HUNT AVENUE. CONSTRUCT	ENGINEERING	FY 2019 -	\$200,000	(CMAQ)
GASTON	SIDEWALK ON EAST SIDE OF NC 279 (NEW HOPE ROAD) FROM US 29/74 (FRANKLIN BOULEVARD) TO COURT DRIVE AND WEST SIDE OF NC 279 FROM COURT DRIVE TO HUNT AVENUE.		FY 2019 -	\$50,000	(L)
PROJ.CATEGORY				\$250,000	
EXEMPT					

ADD PRELIMINARY ENGINEERING IN FY 19 AS PART OF FUND SWAP WITH MPO.

* EB-5976	SR 2200 (COX ROAD), I-85 TO COURT DRIVE. CONSTRUCT SIDEWALK ON BOTH SIDES OF SR 2200 (COX ROAD).	ENGINEERING	FY 2019 -	\$189,000	(CMAQ)
GASTON			FY 2019 -	\$48,000	(L)
PROJ.CATEGORY				\$237,000	
EXEMPT					

ADD PRELIMINARY ENGINEERING TO FY 19 AS PART OF FUND SWAP WITH MPO.

STIP MODIFICATIONS

DIVISION 1

* R-5781	VARIOUS, DIVISION 1 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.	CONSTRUCTION	FY 2019 -	\$800,000	(S)
BERTIE			FY 2019 -	\$3,200,000	(TA)
CAMDEN			FY 2020 -	\$100,000	(S)
CHOWAN			FY 2020 -	\$400,000	(TA)
CURRITUCK				\$4,500,000	
DARE					
GATES					
HERTFORD					
HYDE					
MARTIN					
NORTHAMPTON					
PASQUOTANK					
PERQUIMANS					
TYRRELL					
WASHINGTON					
PROJ.CATEGORY					
DIVISION					

ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY PROGRAMMED TO REFLECT CURRENT DELIVERY SCHEDULES

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 2

I-6034	US 70 (FUTURE I-42), BEAR CREEK BRIDGE TO SR 1690	CONSTRUCTION	FY 2020 -	\$2,000,000	(NHPIM)
LENOIR	(WILLIE MEASLEY RD). PAVEMENT REHABILITATION.			\$2,000,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PERMITTING,</u>				
STATEWIDE	<u>DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>				

* R-5782	VARIOUS, DIVISION 2 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2020 -	\$100,000	(S)
BEAUFORT	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2020 -	\$400,000	(TA)
CARTERET	WITH DISABILITIES ACT (ADA) USING			\$500,000	
CRAVEN	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
GREENE	<u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY</u>				
JONES	<u>PROGRAMMED TO REFLECT CURRENT DELIVERY</u>				
LENOIR	<u>SCHEDULES</u>				
PAMLICO					
PITT					
PROJ.CATEGORY					
DIVISION					

U-5730	US 13 (MEMORIAL DRIVE), NC 43 (5TH STREET).	CONSTRUCTION	FY 2020 -	\$100,000	(T)
PITT	UPGRADE INTERSECTION.		FY 2021 -	\$1,900,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY,</u>			\$2,000,000	
REGIONAL	<u>DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>				

DIVISION 3

* R-5783	VARIOUS, DIVISION 3 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2019 -	\$800,000	(S)
BRUNSWICK	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2019 -	\$3,200,000	(TA)
DUPLIN	WITH DISABILITIES ACT (ADA) USING		FY 2020 -	\$100,000	(S)
NEW HANOVER	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2020 -	\$400,000	(TA)
ONSLOW	<u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY</u>			\$4,500,000	
PENDER	<u>PROGRAMMED TO REFLECT CURRENT DELIVERY</u>				
SAMPSON	<u>SCHEDULES</u>				
PROJ.CATEGORY					
DIVISION					

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 4

* R-5784	VARIOUS, DIVISION 4 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2019 -	\$800,000	(S)
EDGEcombe	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2019 -	\$3,200,000	(TA)
HALIFAX	WITH DISABILITIES ACT (ADA) USING		FY 2020 -	\$100,000	(S)
JOHNSTON	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2020 -	\$400,000	(TA)
NASH	<u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY</u>			\$4,500,000	
WAYNE	<u>PROGRAMMED TO REFLECT CURRENT DELIVERY</u>				
WILSON	<u>SCHEDULES</u>				
PROJ.CATEGORY					
DIVISION					

* U-5996	SR 1603 (OLD CARRIAGE ROAD), GREEN HILLS ROAD	RIGHT-OF-WAY	FY 2020 -	\$3,609,000	(T)
NASH	TO SR 1770 (EASTERN AVENUE). ADD CENTER TURN	UTILITIES	FY 2020 -	\$1,000,000	(T)
PROJ.CATEGORY	LANE AND WIDEN US 64 BRIDGE OVER SR 1603.	BUILD NC CONST	FY 2021 -	\$1,973,000	(T)
DIVISION	<u>TO ACCOMMODATE THE LETTING CHANGE FROM</u>		FY 2022 -	\$1,973,000	(T)
	<u>DESIGN-BUILD TO DESIGN-BID-BUILD. DELAY</u>		FY 2023 -	\$1,973,000	(T)
	<u>CONSTRUCTION FROM FY 20 TO FY 21.</u>		FY 2024 -	\$1,973,000	(T)
			FY 2025 -	\$1,973,000	(T)
			FY 2026 -	\$1,973,000	(T)
			FY 2027 -	\$1,973,000	(T)
			FY 2028 -	\$1,973,000	(T)
			FY 2029 -	\$1,973,000	(T)
			POST YR-	\$11,838,000	(T)
		CONSTRUCTION	FY 2021 -	\$940,000	(T)
				\$35,144,000	

DIVISION 5

B-6003	SR 1609 (BAPTIST CHURCH ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2021 -	\$405,000	(BGOFF)
FRANKLIN	340078 OVER TAR RIVER	CONSTRUCTION	FY 2021 -	\$4,050,000	(BGOFF)
PROJ.CATEGORY	<u>TO REFLECT CURRENT DELIVERY SCHEDULE, DELAY</u>			\$4,455,000	
DIVISION	<u>RIGHT OF WAY FROM FY 20 TO FY 21.</u>				

C-4928	SR 1317 (MORRENE ROAD), NEAL ROAD TO SR 1320	RIGHT-OF-WAY	FY 2020 -	\$6,000	(BGANY)
DURHAM	(ERWIN ROAD) IN DURHAM. CONSTRUCT BIKE LANES		FY 2020 -	\$1,000	(L)
PROJ.CATEGORY	AND SIDEWALKS.	CONSTRUCTION	FY 2021 -	\$2,331,000	(CMAQ)
DIVISION	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE DESIGN</u>		FY 2021 -	\$2,140,000	(BGANY)
	<u>DELAY RIGHT OF WAY FROM FY 19 TO FY 20 AND</u>		FY 2021 -	\$1,312,000	(L)
	<u>CONSTRUCTION FROM FY 20 TO FY 21, AT REQUEST</u>			\$5,790,000	
	<u>OF DIVISION.</u>				

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 5

* EB-5703 DURHAM PROJ.CATEGORY DIVISION	LASALLE STREET, KANGAROO DRIVE TO SPRUNT AVENUE IN DURHAM. CONSTRUCT SIDEWALKS ON BOTH SIDES FROM KANGAROO DRIVE TO US 70 BUSINESS (HILLSBOROUGH ROAD) AND ON ONE SIDE FROM HILLSBOROUGH ROAD TO SPRUNT AVENUE. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE RIGHT-OF-WAY, DELAY CONSTRUCTION FROM FY 20 TO FY 22, AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2022 - \$1,152,000 (TAANY) FY 2022 - \$288,000 (L) \$1,440,000
EB-5704 DURHAM PROJ.CATEGORY DIVISION	RAYNOR STREET, NORTH MIAMI BOULEVARD TO NORTH HARDEE STREET IN DURHAM. CONSTRUCT SIDEWALK ON ONE SIDE OF STREET. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE RIGHT-OF-WAY, DELAY CONSTRUCTION FROM FY 19 TO FY 21, AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2021 - \$408,000 (TAANY) FY 2021 - \$102,000 (L) \$510,000
* EB-5708 DURHAM PROJ.CATEGORY DIVISION	NC 54, NC 55 TO RESEARCH TRIANGLE PARK WESTERN LIMIT IN DURHAM. CONSTRUCT SECTIONS OF SIDEWALK ON SOUTH SIDE. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE RIGHT-OF-WAY, DELAY CONSTRUCTION FROM FY 20 TO FY 22, AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2022 - \$204,000 (TAANY) FY 2022 - \$51,000 (L) FY 2022 - \$236,000 (SRTS) \$491,000
* EB-5715 DURHAM PROJ.CATEGORY DIVISION	US 501 BYPASS (NORTH DUKE STREET), MURRAY AVENUE TO US 501 BUSINESS (NORTH ROXBORO ROAD) IN DURHAM. CONSTRUCT SIDEWALK ON EAST SIDE TO FILL IN EXISTING GAPS. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE DESIGN AND PERMITTING, DELAY RIGHT OF WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 20 TO FY 22, AT REQUEST OF DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$663,000 (TAANY) FY 2020 - \$166,000 (L) FY 2022 - \$2,144,000 (TAANY) FY 2022 - \$536,000 (L) \$3,509,000
I-5700 WAKE PROJ.CATEGORY STATEWIDE	I-40, SR 3015 (AIRPORT BOULEVARD). REVISE INTERCHANGE; CONSTRUCT AUXILIARY LANES ON I-40 EASTBOUND FROM I-540 TO SR 3015 (AIRPORT BOULEVARD) AND FROM SR 3015 TO SR 1002 (AVIATION PARKWAY), AND CONSTRUCT AUXILIARY LANE ON I-40 WESTBOUND FROM SR 3015 (AIRPORT BO <u>TO ALLOW ADDITIONAL TIME TO COMPLETE DESIGN AND RIGHT OF WAY, DELAY CONSTRUCTION FROM FY 19 TO FY 21, AT REQUEST OF DIVISION.</u>	GARVEE CONSTR CONSTRUCTION	FY 2021 - \$1,716,000 (NHP) FY 2022 - \$1,716,000 (NHP) FY 2023 - \$1,716,000 (NHP) FY 2024 - \$1,716,000 (NHP) FY 2025 - \$1,716,000 (NHP) FY 2026 - \$1,716,000 (NHP) FY 2027 - \$1,716,000 (NHP) FY 2028 - \$1,716,000 (NHP) FY 2029 - \$1,716,000 (NHP) POST YR- \$10,296,000 (NHP) FY 2021 - \$2,917,000 (NHP) FY 2021 - \$3,334,000 (S(M)) FY 2022 - \$2,917,000 (NHP) FY 2022 - \$3,333,000 (S(M)) \$38,241,000

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 5

P-5737 WAKE PROJ.CATEGORY STATEWIDE	CSX S LINE, SR 2108 (MILLBROOK ROAD) IN RALEIGH. CONSTRUCT GRADE SEPARATION AND CLOSE CROSSING 630605A. <u>TO REFLECT CURRENT DELIVERY SCHEDULE, DELAY RIGHT OF WAY FROM FY 19 TO FY 20.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$3,700,000 (T) FY 2021 - \$10,000,000 (DP) FY 2021 - \$2,310,000 (T) FY 2021 - \$510,000 (O) FY 2022 - \$2,310,000 (T) \$18,830,000
---	--	------------------------------	---

* R-5785 DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN PROJ.CATEGORY DIVISION	VARIOUS, DIVISION 5 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS. <u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY PROGRAMMED TO REFLECT CURRENT DELIVERY SCHEDULES</u>	CONSTRUCTION	FY 2020 - \$100,000 (S) FY 2020 - \$400,000 (TA) \$500,000
--	---	--------------	--

U-5518 DURHAM WAKE PROJ.CATEGORY STATEWIDE	US 70 (GLENWOOD AVENUE), WEST OF SR 3067 (T.W. ALEXANDER DRIVE) TO I-540 IN RALEIGH. UPGRADE ROADWAY TO IMPROVE CAPACITY, SAFETY AND TRAFFIC OPERATIONS INCLUDING INTERCHANGES AT VARIOUS LOCATIONS. <u>TO OPTIMIZE TIMING OF FUNDING AUTHORIZATION, DELAY RIGHT OF WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 19 TO 20.</u>	RIGHT-OF-WAY UTILITIES GARVEE CONSTR	FY 2020 - \$14,500,000 (NHP) FY 2020 - \$12,720,000 (NHP) FY 2020 - \$8,580,000 (NHP) FY 2021 - \$8,580,000 (NHP) FY 2022 - \$8,580,000 (NHP) FY 2023 - \$8,580,000 (NHP) FY 2024 - \$8,580,000 (NHP) FY 2025 - \$8,580,000 (NHP) FY 2026 - \$8,580,000 (NHP) FY 2027 - \$8,580,000 (NHP) FY 2028 - \$8,580,000 (NHP) FY 2029 - \$8,580,000 (NHP) POST YR- \$42,900,000 (NHP)
		CONSTRUCTION	FY 2020 - \$8,589,000 (NHP) FY 2020 - \$11,111,000 (S(M)) FY 2021 - \$8,589,000 (NHP) FY 2021 - \$11,111,000 (S(M)) FY 2022 - \$8,589,000 (NHP) FY 2022 - \$11,111,000 (S(M)) \$215,020,000

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 6

* R-5786	VARIOUS, DIVISION 6 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2019 -	\$800,000	(S)
BLADEN	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2019 -	\$3,200,000	(TA)
COLUMBUS	WITH DISABILITIES ACT (ADA) USING		FY 2020 -	\$100,000	(S)
CUMBERLAND	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2020 -	\$400,000	(TA)
HARNETT	<u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY</u>			\$4,500,000	
ROBESON	<u>PROGRAMMED TO REFLECT CURRENT DELIVERY</u>				
PROJ.CATEGORY	<u>SCHEDULES</u>				
DIVISION					

DIVISION 7

B-5722	SR 1169 (ISLAND DRIVE), REPLACE BRIDGE 780277	RIGHT-OF-WAY	FY 2020 -	\$200,000	(BGOFF)
ROCKINGHAM	OVER BEAVER CREEK	CONSTRUCTION	FY 2021 -	\$2,000,000	(BGOFF)
PROJ.CATEGORY	<u>TO ALLOW TIME TO COORDINATE THE SCOPE OF</u>			\$2,200,000	
DIVISION	<u>WORK WITH THE TOWN AND COMPLETE DESIGN,</u>				
	<u>DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND</u>				
	<u>CONSTRUCTION FROM FY 20 TO FY 21, AT REQUEST</u>				
	<u>OF THE DIVISION OFFICE.</u>				

I-5711	I-40 / I-85, SR 1007 (MEBANE-OAKS ROAD) IN MEBANE.	GARVEE CONSTR	FY 2020 -	\$601,000	(NHP)
ALAMANCE	INTERCHANGE IMPROVEMENTS.		FY 2021 -	\$601,000	(NHP)
PROJ.CATEGORY	<u>TO OPTIMIZE TIMING OF FUNDING AUTHORIZATION,</u>		FY 2022 -	\$601,000	(NHP)
STATEWIDE	<u>DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>		FY 2023 -	\$601,000	(NHP)
			FY 2024 -	\$601,000	(NHP)
			FY 2025 -	\$601,000	(NHP)
			FY 2026 -	\$601,000	(NHP)
			FY 2027 -	\$601,000	(NHP)
			FY 2028 -	\$601,000	(NHP)
			FY 2029 -	\$601,000	(NHP)
			POST YR-	\$3,005,000	(NHP)
		CONSTRUCTION	FY 2020 -	\$456,000	(NHP)
			FY 2020 -	\$778,000	(S(M))
			FY 2021 -	\$456,000	(NHP)
			FY 2021 -	\$778,000	(S(M))
			FY 2022 -	\$455,000	(NHP)
			FY 2022 -	\$777,000	(S(M))
				\$12,715,000	

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 7

* R-5787	VARIOUS, DIVISION 7 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2020 -	\$100,000	(S)
ALAMANCE	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2020 -	\$400,000	(TA)
CASWELL	WITH DISABILITIES ACT (ADA) USING			\$500,000	
GUILFORD	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
ORANGE	<u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY</u>				
ROCKINGHAM	<u>PROGRAMMED TO REFLECT CURRENT DELIVERY</u>				
PROJ.CATEGORY	<u>SCHEDULES</u>				
DIVISION					

DIVISION 8

EB-5741	US 1 / US 15 / US 501 (SANDHILLS BOULEVARD), MAPLE	CONSTRUCTION	FY 2020 -	\$80,000	(TAP)
MOORE	AVENUE IN ABERDEEN. CONSTRUCT MID-BLOCK		FY 2020 -	\$20,000	(L)
PROJ.CATEGORY	CROSSWALK, MEDIAN REFUGE ISLAND, AND INSTALL			\$100,000	
DIVISION	PEDESTRIAN SIGNAL.				
	<u>TO REFLECT CURRENT PROJECT DELIVERY</u>				
	<u>SCHEDULE, DELAY CONSTRUCTION FROM FY 18 TO</u>				
	<u>FY 20, AT REQUEST OF DIVISION.</u>				

* R-5788	VARIOUS, DIVISION 8 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2020 -	\$100,000	(S)
CHATHAM	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2020 -	\$400,000	(TA)
HOKE	WITH DISABILITIES ACT (ADA) USING			\$500,000	
LEE	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
MONTGOMERY	<u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY</u>				
MOORE	<u>PROGRAMMED TO REFLECT CURRENT DELIVERY</u>				
RANDOLPH	<u>SCHEDULES</u>				
RICHMOND					
SCOTLAND					
PROJ.CATEGORY					
DIVISION					

R-5824	NC 690 (LOBELIA ROAD), US 1 IN VASS TO	RIGHT-OF-WAY	FY 2020 -	\$585,000	(T)
MOORE	CUMBERLAND COUNTY LINE. UPGRADE ROADWAY, TO	UTILITIES	FY 2020 -	\$100,000	(T)
PROJ.CATEGORY	INCLUDE TURN LANES AT VARIOUS LOCATIONS AND	CONSTRUCTION	FY 2021 -	\$2,966,000	(T)
REGIONAL	SOME REALIGNMENT.			\$3,651,000	
	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE DESIGN,</u>				
	<u>DELAY CONSTRUCTION FROM FY 20 TO FY 21, AT</u>				
	<u>REQUEST OF DIVISION.</u>				

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 8

U-5308	SR 1547 (FINCH FARM ROAD), SR 3106 (KENNEDY	ENGINEERING	FY 2020 -	\$121,000	(T)
RANDOLPH	ROAD) TO I-85 IN TRINITY. WIDEN TO MULTILANES.		FY 2021 -	\$121,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE RIGHT-</u>		FY 2022 -	\$121,000	(T)
DIVISION	<u>OF-WAY, DELAY CONSTRUCTION FROM FY 20 TO FY</u>		FY 2023 -	\$121,000	(T)
	<u>21, AT REQUEST OF DIVISION.</u>		FY 2024 -	\$121,000	(T)
			FY 2025 -	\$121,000	(T)
			FY 2026 -	\$121,000	(T)
			FY 2027 -	\$121,000	(T)
			FY 2028 -	\$121,000	(T)
			FY 2029 -	\$121,000	(T)
			POST YR-	\$605,000	(T)
		BUILD NC ROW	FY 2019 -	\$429,000	(T)
			FY 2020 -	\$429,000	(T)
			FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$1,287,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$492,000	(T)
			FY 2020 -	\$4,430,000	(T)
		UTILITIES	FY 2019 -	\$234,000	(T)
			FY 2020 -	\$2,106,000	(T)
		CONSTRUCTION	FY 2021 -	\$7,695,000	(T)
			FY 2022 -	\$7,695,000	(T)
				\$30,473,000	
* U-5706	VARIOUS, US 74 BUSINESS TO SR 1426 (ABERDEEN	RIGHT-OF-WAY	FY 2021 -	\$1,294,000	(T)
RICHMOND	ROAD). CONSTRUCT TWO LANE FACILITY UTILIZING	UTILITIES	FY 2021 -	\$155,000	(T)
PROJ.CATEGORY	SECTIONS OF SR 1641 (CLEMMER ROAD) AND SR 1645	CONSTRUCTION	FY 2022 -	\$4,560,000	(T)
DIVISION	(MT. OLIVE CHURCH ROAD), REMAINDER ON NEW			\$6,009,000	
	LOCATION.				
	<u>TO ALLOW ADDITIONAL TIME TO CORDINATE WITHIN</u>				
	<u>AGENCIES DUE TO ORGANIZATIONAL CHANGES,</u>				
	<u>DELAY RIGHT OF WAY FROM FY 20 TO FY 21 AND</u>				
	<u>CONSTRUCTION FROM FY 21 TO FY 22. AT REQUEST</u>				
	<u>OF DIVISION.</u>				

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 8

U-5709	SR 1237 (CARTHAGE STREET), SR 1152 (FIRE TOWER ROAD) TO NC 42 (WICKER STREET) IN SANFORD.	RIGHT-OF-WAY	FY 2020 -	\$134,000	(T)
LEE			FY 2021 -	\$2,540,000	(T)
PROJ.CATEGORY	WIDEN ROADWAY.	UTILITIES	FY 2020 -	\$698,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME TO SCOPE UTILITY RELOCATION, DELAY RIGHT OF WAY FROM FY 19 TO FY 20, AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2024 -	\$3,400,000	(T)
			FY 2025 -	\$3,400,000	(T)
				\$10,172,000	
* U-5727	US 1 / US 15 / US 501, SOUTH OF SR 1198 (BRYAN DRIVE) TO SR 1237 (CARTHAGE STREET) IN SANFORD.	RIGHT-OF-WAY	FY 2020 -	\$3,600,000	(NHP)
LEE		CONSTRUCTION	FY 2022 -	\$7,200,000	(T)
PROJ.CATEGORY	UPGRADE TO SUPERSTREET AND RELOCATE NC 78 (TRAMWAY ROAD).		FY 2023 -	\$7,200,000	(T)
REGIONAL	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE DESIGN, DELAY RIGHT OF WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 20 TO FY 22, AT REQUEST OF DIVISION.</u>			\$18,000,000	
U-5743	NC 42, SR 2237 (EAST SALISBURY STREET) TO NORTH OF US 64 / NC 49 (DIXIE DRIVE) IN ASHEBORO. WIDEN TO THREE LANES.	RIGHT-OF-WAY	FY 2020 -	\$1,938,000	(T)
RANDOLPH		CONSTRUCTION	FY 2020 -	\$3,750,000	(T)
PROJ.CATEGORY	<u>TO OPTIMIZE TIMING OF FUNDING AUTHORIZATION, DELAY RIGHT OF WAY FROM FY 19 TO FY 20.</u>		FY 2021 -	\$3,750,000	(T)
REGIONAL				\$9,438,000	
* U-5770	I-85, SR 1009 (SOUTH MAIN STREET) IN ARCHDALE. INTERCHANGE IMPROVEMENTS.	RIGHT-OF-WAY	FY 2020 -	\$8,051,000	(T)
RANDOLPH			FY 2021 -	\$8,051,000	(T)
PROJ.CATEGORY	<u>THIS PROJECT WILL BE USED AS DETOUR DURING CONSTRUCTION OF U-3400. TO CO-ORDINATE WITH U-3400 PROJECT SCHEDULE, DELAY RIGHT OF WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 21 TO FY 22, AT REQUEST OF DIVISION.</u>	UTILITIES	FY 2020 -	\$273,000	(T)
REGIONAL			FY 2021 -	\$273,000	(T)
		CONSTRUCTION	FY 2022 -	\$11,800,000	(T)
				\$28,448,000	
* U-5975	US 1 / US 15 / US 501, US 15 / US 501 (WHITE HILL ROAD) / SR 1179 (ROCKY FORK CHURCH ROAD) TO SOUTH OF SR 1198 (BRYAN DRIVE). UPGRADE TO SUPERSTREET.	RIGHT-OF-WAY	FY 2021 -	\$5,739,000	(T)
LEE			FY 2022 -	\$17,218,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE DESIGN AND PERMITTING, DELAY RIGHT OF WAY FROM FY 20 TO FY 21 AND CONSTRUCTION FROM FY 21 TO FY 22, AT REQUEST OF DIVISION.</u>	UTILITIES	FY 2021 -	\$689,000	(T)
REGIONAL			FY 2022 -	\$2,066,000	(T)
		CONSTRUCTION	FY 2022 -	\$5,500,000	(T)
			FY 2023 -	\$5,500,000	(T)
				\$36,712,000	

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 9

* R-5789	VARIOUS, DIVISION 9 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2020 -	\$100,000	(S)
DAVIDSON	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2020 -	\$400,000	(TA)
DAVIE	WITH DISABILITIES ACT (ADA) USING			\$500,000	
FORSYTH	TRANSPORTATION ALTERNATIVES (TA) FUNDS.				
ROWAN	<u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY</u>				
STOKES	<u>PROGRAMMED TO REFLECT CURRENT DELIVERY</u>				
PROJ.CATEGORY	<u>SCHEDULES</u>				
DIVISION					

U-5824	NC 66 (OLD HOLLOW ROAD), HARLEY DRIVE TO US 158	RIGHT-OF-WAY	FY 2020 -	\$348,000	(T)
FORSYTH	IN WALKERTOWN. WIDEN TO MULTILANES.		FY 2021 -	\$3,304,000	(T)
PROJ.CATEGORY	<u>TO OPTIMIZE TIMING OF FUNDING AUTHORIZATION,</u>		FY 2022 -	\$3,304,000	(T)
DIVISION	<u>DELAY RIGHT OF WAY FROM FY 19 TO FY 20.</u>	UTILITIES	FY 2020 -	\$42,000	(T)
			FY 2021 -	\$397,000	(T)
			FY 2022 -	\$397,000	(T)
		CONSTRUCTION	FY 2022 -	\$8,250,000	(T)
			FY 2023 -	\$8,250,000	(T)
				\$24,292,000	

DIVISION 10

EB-5783	MATTHEWS, SAM NEWELL ROAD MULTI-USE PATH,	RIGHT-OF-WAY	FY 2020 -	\$200,000	(BGDA)
MECKLENBURG	NORTHEAST PARKWAY TO CROWN POINT		FY 2020 -	\$50,000	(L)
PROJ.CATEGORY	ELEMENTARY SCHOOL. CONSTRUCT GREENWAY.	CONSTRUCTION	FY 2021 -	\$640,000	(BGDA)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>		FY 2021 -	\$160,000	(L)
	<u>RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>			\$1,050,000	

EB-5933	DAVIDSON, KINCAID MULTIUSE PATH. EUGENIA	CONSTRUCTION	FY 2020 -	\$702,000	(TADA)
MECKLENBURG	STREET AND SPRING STREET TO SOUTH PRONG		FY 2020 -	\$176,000	(L)
PROJ.CATEGORY	ROCKY RIVER GREENWAY NEAR DAVIDSON			\$878,000	
DIVISION	ELEMENTARY.				
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>				

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 10

U-4713A	SR 3440 (MCKEE ROAD) EXTENSION, SR 3448	ENGINEERING	FY 2020 -	\$57,000	(T)
MECKLENBURG	(PLEASANT PLAINS ROAD) TO SR 1009 (JOHN STREET)		FY 2021 -	\$57,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>		FY 2022 -	\$57,000	(T)
DIVISION	<u>RIGHT-OF-WAY FROM FY 19 TO FY 20</u>		FY 2023 -	\$57,000	(T)
			FY 2024 -	\$57,000	(T)
			FY 2025 -	\$57,000	(T)
			FY 2026 -	\$57,000	(T)
			FY 2027 -	\$57,000	(T)
			FY 2028 -	\$57,000	(T)
			FY 2029 -	\$57,000	(T)
			POST YR-	\$285,000	(T)
		BUILD NC ROW	FY 2020 -	\$86,000	(T)
			FY 2021 -	\$86,000	(T)
			FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$430,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$80,000	(T)
			FY 2021 -	\$1,520,000	(T)
		UTILITIES	FY 2020 -	\$500,000	(T)
		CONSTRUCTION	FY 2020 -	\$2,050,000	(T)
			FY 2020 -	\$2,000,000	(L)
			FY 2021 -	\$2,050,000	(T)
				\$10,345,000	

DIVISION 11

R-2915E	US 221, US 221 BYPASS TO US 221 BUSINESS/NC 88 IN	CONSTRUCTION	FY 2020 -	\$5,575,000	(BGLT5)
ASHE	JEFFERSON		FY 2021 -	\$5,575,000	(BGLT5)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2022 -	\$5,575,000	(BGLT5)
DIVISION	<u>DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>		FY 2023 -	\$5,575,000	(BGLT5)
				\$22,300,000	

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 12

* EB-5745 GASTON PROJ.CATEGORY EXEMPT	SR 1255 (HUDSON BLVD) SR 2466 (REDBUD DR), SR 1255 (HUDSON BOULEVARD) FROM SR 2200 (GASTON DAY SCHOOL ROAD) TO SR 2466 (REDBUD DRIVE). SR 2466 (REDBUD DRIVE) FROM SR 1255 (HUDSON BOULEVARD) TO NC 279 (SOUTH NEW HOPE ROAD). CONSTRUCT SIDEWALK ON ONE SIDE.	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2022 - FY 2022 - FY 2023 - FY 2023 -	\$280,000 \$70,000 \$56,000 \$14,000 \$783,000 \$196,000	(CMAQ) (L) (TA5200) (L) (TA5200) (L)
---	---	---	--	---	---

**ACCELERATE PRELIMINARY ENGINEERING IN FY 19
AS PART OF FUND SWAP WITH MPO.**

\$1,399,000

* EB-5748 GASTON PROJ.CATEGORY EXEMPT	BEATY ROAD, SMITH STREET TO FERSTL AVENUE. CONSTRUCT SIDEWALK ON ONE SIDE.	ENGINEERING CONSTRUCTION	FY 2019 - FY 2019 - FY 2022 - FY 2022 -	\$38,000 \$10,000 \$266,000 \$66,000	(CMAQ) (L) (TA5200) (L)
---	---	---------------------------------	--	---	----------------------------------

**ACCELERATE PRELIMINARY ENGINEERING IN FY 19
AS PART OF FUND SWAP WITH MPO.**

\$380,000

* EB-5768 GASTON PROJ.CATEGORY EXEMPT	SOUTH MARIETTA STREET/ HILLTOP DRIVE, DIXON CIRCLE TO HUDSON BOULEVARD. CONSTRUCT SIDEWALK ON ONE SIDE OF ROAD.	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2022 - FY 2022 - FY 2023 - FY 2023 -	\$103,000 \$26,000 \$24,000 \$6,000 \$403,000 \$101,000	(CMAQ) (L) (TA5200) (L) (TA5200) (L)
---	---	---	--	--	---

**ACCELERATE PRELIMINARY ENGINEERING TO FY 19
AS PART OF FUND SWAP WITH MPO.**

\$663,000

* EB-5912 GASTON PROJ.CATEGORY EXEMPT	MOUNT HOLLY, SR 2044 (TUCKASEEGEE ROAD), NC 273 TO BROOME STREET (TUCKASEEGEE PARK ENTRANCE). CONSTRUCT SIDEWALK AND PEDESTRIAN BRIDGE.	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2022 - FY 2022 - FY 2024 - FY 2024 -	\$152,000 \$38,000 \$70,000 \$18,000 \$1,658,000 \$415,000	(CMAQ) (L) (TAANY) (L) (TAANY) (L)
---	--	---	--	---	---

**MODIFY PROJECT LIMITS TO INCLUDE EB-5914.
ACCELERATE PRELIMINARY ENGINEERING IN FY 19
AS PART OF FUND SWAP WITH MPO.**

\$2,351,000

DIVISION 13

* EB-5915 RUTHERFORD PROJ.CATEGORY DIVISION	US 64/74A IN RUTH TO FORREST HUNT DRIVE. CONSTRUCT INTERSECTION IMPROVEMENTS AT SELECTED LOCATIONS ALONG RAIL CORRIDOR.	CONSTRUCTION	FY 2019 - FY 2019 -	\$240,000 \$60,000	(TAANY) (L)
---	---	--------------	------------------------	-----------------------	----------------

**MODIFY PROJECT SCOPE, FUNDING AMOUNTS, AND
SCHEDULE AT REQUEST OF DIVISION.**

\$300,000

HIGHWAY PROGRAM STIP DELETIONS

DIVISION 11

* I-2808B	I-77, US 21 IN YADKIN COUNTY (EXIT 79) TO US 21	CONSTRUCTION	POST YR-	\$61,000,000	(NHP)
SURRY	BYPASS (EXIT 83) IN SURRY COUNTY			\$61,000,000	
YADKIN	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT I-5912.</u>				

DIVISION 12

* EB-5914	MOUNT HOLLY, SR 2044 (TUCKASSEE GEE ROAD),	ENGINEERING	FY 2020 -	\$80,000	(TAANY)
GASTON	BROOME STREET (TUCKASSEE GEE PARK ENTRANCE)		FY 2020 -	\$20,000	(L)
PROJ.CATEGORY EXEMPT	TO MARINA VILLAGE DRIVE. CONSTRUCT SIDEWALK AND PEDESTRIAN BRIDGE	RIGHT-OF-WAY	FY 2022 -	\$20,000	(TAANY)
			FY 2022 -	\$5,000	(L)
		CONSTRUCTION	FY 2024 -	\$980,000	(TAANY)
			FY 2024 -	\$245,000	(L)
				\$1,350,000	
	<u>DELETE AT THE REQUEST OF MPO. WORK TO BE ACCOMPLISHED UNDER EB-5912.</u>				

ITEM N SUMMARY

ADDITIONS	30	PROJECTS	\$52,708,000
MODIFICATIONS	42	PROJECTS	
DELETIONS	2	PROJECTS	\$62,350,000
	74	PROJECTS	(\$9,642,000)

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

There is a total of 64 agreements for approval by the Board of Transportation

Divisions 1,2, 4 & 5

Carolina Coastal Railway
(CLNA),
Norfolk Southern Railway
Company (NS)
Beaufort, Greene, Johnston,
Martin, Nash, Pitt, Wake,
Washington, and Wilson
Counties 80000.1.4.73

This Addendum Number 2 to the CLNA Master Rail Freight Assistance Agreement is for bridge bents and cross tie replacement on the Carolina Coastal Railway (CLNA) in various counties to improve safety and operating efficiency. As a partial owner of the railroad, NS will execute with the Department a Contingent Interest Agreement and Instrument of Indebtedness. The total cost is \$2,202,500. The Department shall participate in the cost of the Project, not to exceed \$1,110,000.

Division 1

Department of the Interior,
United States Fish and Wildlife
Service
Dare County
B-2500B
32635.2.5

This Highway Easement Deed is for the Rodanthe Beach long term improvements (Phase IIB) Bridge on NC 12 in Dare County. The purpose of this easement is to construct, operate and maintain the Bridge which will carry NC 12 across and over Pamlico Sound and the Pea Island National Wildlife Refuge.

Division 2

Bay River Metropolitan Sewer
District
Pamlico County
B-4593
38422.3.1

This Project consists of replacement of Bridge No. 38 over Trent Creek on NC 55. At the request of the Agency, the Department shall include in its construction contract betterments to the sewer lines. The Agency will reimburse the Department the actual costs of the betterments. The estimated reimbursement is \$2,640.04.

CSX Transportation, Inc. (CSXT)
Pitt County
U-2817
34868

The Department and CSXT, on November 4, 2011, entered into a Master Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement Project would be identified through a separate written agreement to the MEA. This Addendum #24 to the MEA provides the terms for CSXT to review the design plans for widening of SR 1700 (Evans Street/Old Tar Road) from SR 1711 (Worthington Road) to US 264 Alternate (Greenville Boulevard) in Greenville. The Department will prepare and submit the plans to CSXT for review and approval. The Department will reimburse CSXT 100% of the cost of work performed by CSXT. The estimated cost of CSXT's work is \$15,000.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 3

City of Wilmington
New Hanover County
U-3338C
34932.3.3

This Project consists of interchange improvements on SR 1175 (Kerr Avenue) at US 74 (Martin Luther King Jr, Parkway). At the request of the Municipality, the Department shall include construction of pedestrian facilities and betterments. The Municipality shall reimburse the Department actual costs of the betterments. The estimated reimbursement is \$549,703.10.

Town of Shallotte
Brunswick County
EB-6035
48805.1.1
48805.2.1
48805.3.1

The Project consists of construction of sidewalk from Mulberry Park along White Street to the intersection of Smith Avenue. The Municipality is responsible for the Project. The Department shall reimburse 60% (\$120,000) of approved eligible expenses from federal funds. The Municipality will provide the 40% (\$80,000) non-federal match and all costs that exceed the total available funding of \$200,000.

City of Wilmington
New Hanover County
SR-5001CL
40924.3.88

This Project consists of sidewalk and intersection improvements on South 13th Street. The Municipality is responsible for the Project. This Supplemental Agreement is to increase funding and extend the Project completion date. The Department has agreed to reimburse an additional 100% of approved eligible expenses from federal funds, not to exceed \$100,000. The Municipality will be responsible for all costs that exceed the total available funding of \$989,649. The Municipality shall complete the Project by December 13, 2021 in lieu of December 13, 2019.

City of Clinton
Sampson County
80000.2.3.74

This Rail Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds to cover the Municipality's material costs for upgrades to Crossing 629 017V, (SR 1931- Fontana Street). The upgrades will involve removing the existing crossing surface and replacing with a rubber and asphalt surface. The Department will be responsible for all material costs incurred by the Municipality for this crossing improvement. The estimated cost to the Department is \$25,000.

Division 4

City of Rocky Mount
Nash County
B-5980
47617.3.1

This Project consists of interchange improvements on I-95 at SR 1544 (Halifax Road). This Utility Agreement is for the Department's contractor to adjust and/or relocate water lines. The Municipality shall be responsible for actual costs of the work. The estimated reimbursement is \$57,030.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 4, cont.

Edgecombe Community College Edgecombe County SM-5704C 80036 48479.3.1	This Project consists of construction of an access road off NC 111 at Edgecombe Community College. This Supplemental Agreement is to increase funding. The Department's original participation was \$550,000. The Department shall provide an additional \$150,000 in state funds for a total Project participation of \$700,000.
---	---

Wolfpack Investors, LLC Johnston County U-5999 47117.3.1	This Project consists of construction improvements on Kellie Drive from north of SR 1923 (Booker Dairy Road) to SR 1003 (Buffalo Road). This Utility Agreement is for the installation of water and sewer lines during construction. The Developer shall be responsible for 100% of the cost of the lines. The estimated cost is \$1,117,736.23.
---	--

Division 5

City of Durham Durham County C-4928 44028.1.F1 44028.2.1 44028.3.1	This Project consists of the construction of bike lanes and sidewalks along Morreene Road (SR 1317) from Neal Road to SR 1320 (Erwin Road) in Durham. This Supplemental Agreement is to modify funding provisions and increase funding. The Department shall participate in an additional 80% (\$4,477,000) from federal funds. The Municipality will be responsible for providing the 20% (\$1,119,250) non-federal match and all costs that exceed the total available funding of \$8,806,250.
---	--

City of Durham Durham County EB-5708 50404.1.1 50404.2.1 50404.3.1	This Project consists of the construction of sections of sidewalk and pedestrian improvements on the south side of NC 54 from NC 55 to Research Triangle Park's western limit in Durham. This Supplemental Agreement is to modify the scope and increase funding. Right-of-Way work will be added as a reimbursable expense. The Department's original participation was \$330,000. The Department agrees to reimburse the Municipality an additional 80% (\$345,823) of federal funds. The Municipality shall provide the 20% (\$86,455) non-federal match and all costs that exceed the total available funding of \$762,278.
---	---

City of Durham Durham County EB-5703 51049.1.1 51049.2.1 51049.3.1	This Project consists of constructing sidewalks and pedestrian improvements on both sides of LaSalle Street from Kangaroo Drive to US 70 Business (Hillsborough Road) and on LaSalle Street from Hillsborough Road to Sprunt Avenue. This Supplemental Agreement is to add funding to the Project. The Department agrees to reimburse the Municipality an additional 80% (\$1,026,320) of federal funds. The Municipality will provide 20% (\$256,580) as their non-federal match and all costs that exceed the total available funding of \$1,955,000.
---	---

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 5, cont.

City of Durham and
DCHC MPO
Durham County
M-0528CC
48232.3.3

This Project consists of the development of a web-based interactive mapping application tool for the MPO congestion management and monitoring of performance measures. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$150,000. The Department will reimburse the DCHC MPO an additional \$34,400. The total available funding is \$184,400.

City of Durham and
DCHC MPO
Durham County
M-0528CD
48232.3.4

This Project consists of the development and update of the MPO-automated and electronic TIP-Funding application portal. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$150,000. The Department will reimburse the DCHC MPO an additional \$40,000. The total available funding is \$190,000.

Town of Holly Springs
Wake County
48461

This Project consists of connecting 30 traffic signals to Holly Springs's fiber network to improve signal synchronization and traffic flow. The Municipality is responsible for the work. The Department shall reimburse the actual costs up to a maximum amount of \$390,000. Costs that exceed this amount are the responsibility of the Municipality.

Town of Fuquay Varina
Wake County
U-5530GA
44111.1.FD8
44111.3.12

This Project consists of construction of a greenway trail from the existing Park-Depot Greenway Trail to the Park-Depot Greenway Trail on NC Highway 55 South. This Supplemental Agreement is to add the construction phase and increase funding. The Department shall reimburse 80% (\$1,074,728) of federal funds. The Municipality shall provide the 20% (\$268,682) non-federal match and all costs that exceed total available funding of \$1,343,410.

Town of Cary
Wake County
U-6227
48814.2.1

This Project consists of widening Carpenter Fire Station Road (SR 1624) from 2-lanes to a 4-lane median divided roadway from NC 55 to Cameron Pond Drive. The Department shall reimburse 45% (\$2,533,350) from federal funds. The Municipality will be responsible for providing the 55% (\$3,096,500) non-federal match and all costs that exceed the total available funding of \$5,630,000.

Town of Apex
Wake County
EB-6019
48816.3.1

This Project consists of constructing and altering the roadway design between Apex Community Park and North Salem Street at Laura Duncan Road. The Department shall reimburse 70% (\$387,800) of eligible expenses from federal funds. The Municipality will be responsible for the 30% (\$166,200) non-federal match and all costs that exceed the total available funding of \$554,000.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 5, cont.

Town of Garner
Wake County
U-6225
48813.2.1
48813.3.1

The Project consists of the construction of a roundabout at the intersection of White Oak Road, Hebron Church Road and Ackerman Road. The Department shall reimburse 75% (\$1,616,712) of eligible expenses from federal funds. The Municipality will be responsible for providing the 25% (\$538,904) non-federal match and all costs that exceed the total available funding of \$2,155,616.

Town of Apex
Wake County
EB-6021
48818.3.1

This Project consists of the construction of Beaver Creek Greenway, which will complete a missing gap in the greenway corridor between Kelly Road Park and Apex Nature Park and realign an adjacent segment of existing Beaver Creek Greenway. The Department shall reimburse 80% (\$1,052,881) of eligible expenses from federal funds. The Municipality will be responsible for providing the 20% (\$263,221) non-federal match and all costs that exceed the total available funding of \$1,316,102.

Town of Zebulon
Wake County
C-5604FA
43714.2.18

This Project consists of construction of a greenway between Spiderlily Court (Taryn Meadows subdivision) and Pippin Road (Weaver's Pond subdivision, Wakelon School and Park). The Department shall reimburse 80% (\$1,605,196) of eligible expenses from federal funds. The Municipality will be responsible for providing the 20% (\$401,299) non-federal match and all costs that exceed the total available funding of \$2,006,495.

Town of Youngsville
Franklin County
C-5604QA
43714.3.9
2020CPT.05.15.10351.1

This Project consists of bicycle and pedestrian streetscape improvements to Main Street, including sidewalks and crosswalks. This Supplemental Agreement is to expand the scope and increase funding for the Project. The Municipality shall add the milling and resurfacing of the existing pavement along Main Street (NC 96) within the Project limits. The Department agrees to reimburse the Municipality an additional \$561,501 in federal funds and an additional \$126,000 in state contract resurfacing funds. The state funds may be used towards the non-federal match. The Municipality is responsible for any costs that exceed the total available funding of \$1,334,377.

NC Department of Natural and
Cultural Resources, Division of
State Parks
Wake County
30001.97

This Project consists of reinforcement/repair to a retaining wall at Chimney Rock State Park. State Parks will be responsible for the work. The Department will reimburse eligible costs up to a maximum of \$1,000,000.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 6

R.J. Corman Railroad
Company/Carolina Lines, LLC
(RJCS)
Columbus County
R-5020A
41499

This Rail Agreement incorporates the terms for RJCS to review preliminary engineering plans for the proposed widening of US 701 Bypass, in the vicinity of Whiteville, which will impact property owned by RJCS. The Department will prepare the plans and submit the plans to RJCS for review. The Department will reimburse RJCS 100% of the cost of the work performed by RJCS. The estimated cost to the Department is \$10,000.

Division 7

City of Greensboro
Guilford County
U-5532H
46297.2.9
46297.3.9

This Project consists of the construction of sidewalks and ADA compliant curb ramps on Seminole Drive and West Bessemer Avenue. The Department shall reimburse 80% (\$536,176) of eligible expenses from federal funds. The Municipality shall provide the 20% (\$134,044) non-federal match and all costs that exceed the total available funding of \$670,220.

City of Greensboro
Guilford County
U-5532I
46297.2.11
46297.3.11

This Project consists of the construction of sidewalks and ADA compliant curb ramps on Holden Road, Cotswold Avenue, Greenbriar Road and Swing Road in Greensboro. The Department shall reimburse 80% (\$1,319,266) in federal funds. The Municipality shall provide the 20% (\$329,816) non-federal match and all costs that exceed the total available funding of \$1,649,082.

City of Greensboro
Guilford County
U-5532J
46297.3.10

This Project consists of the construction of sidewalks and ADA compliant curb ramps on Cone Boulevard and Elm Street. The Department shall reimburse 80% (\$1,292,000) from federal funds. The Municipality shall provide the 20% (\$324,000) non-federal match and all costs that exceed the total available funding of \$1,620,000.

City of Greensboro
Guilford County
U-5532B
46297.2.2
46297.3.3

This Project consists of the construction of sidewalk and wheelchair ramps where none exists on both sides of Phillips Avenue and the marking and signage of crosswalks. This Supplemental Agreement is to provide additional funding. The Department's original participation was \$360,463. The Department agrees to reimburse the Municipality 80% (\$29,774) of additional federal funds. The Municipality's original participation was \$90,116. The Municipality will provide 20% (\$7,443) as their additional non-federal match and all costs that exceed the total available funding of \$487,766.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 7, cont.

City of Greensboro
Guilford County
U-2581BA
34840.1.4

This Project consists of improvements on US 70 from SR 3045 (Mount Hope Church Road) to SR 3175 (Birch Creek Road). This Utility Agreement is for installation of Municipal water and sewer lines during construction. The Municipality shall be responsible for cost of the lines. The estimated cost is \$815,291.67.

City of Greensboro
Guilford County
U-5532K
46297.2.12
46297.3.12

This Project consists of the construction of sidewalks, ADA compliant curb ramps and sidewalk from south of Irving Park Court to Cone Boulevard. The Department shall reimburse 80% (\$1,008,000) from federal funds. The Municipality shall provide the 20% (\$252,000) non-federal match and all costs that exceed the total available funding of \$1,260,000.

Orange Water and Sewer
Authority (OWASA)
Orange County
U-5854
46382.3.1

This Project consists of construction of roundabout and related safety improvements at SR 1008 (Mt. Carmel Church Road) and SR 1913 (Bennett Road). Construction of utility lines is underway with full reimbursement of the costs from OWASA. OWASA has requested a field change to use team valves inserted in lieu of the line stops, which were part of the original plans. The estimated cost of the field change is \$30,656.06.

Division 8

City of Laurinburg
Scotland County
44918.3.12

This Project consists of upgrading pedestrian curb ramps to current ADA Standards at municipal intersections. The Department will include these improvements on an upcoming contract. The Municipality shall reimburse the Department 20% of the actual cost of the work; the estimated reimbursement is \$25,760.

Town of Siler City
Chatham County
44918.3.10

This Project consists of upgrading pedestrian curb ramps to current ADA Standards at municipal intersections. The Department will include these improvements on an upcoming contract. The Municipality shall reimburse the Department 20% of the actual cost of the work; the estimated reimbursement is \$34,880.

Town of Vass
Moore County
44918.3.13

This Project consists of upgrading pedestrian curb ramps to current ADA Standards at the municipal intersections of East Maple Street at Seaboard Street and Seaboard Street at Bank Streets. The Municipality shall reimburse the Department 20% of the actual cost of ADA curb ramps located on local routes. The estimated reimbursement is \$2,920.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 8, cont.

City of Archdale
Randolph County
44918.3.10

This Project consists of upgrading pedestrian curb ramps to current ADA Standards at the municipal intersection of Bonnie Place at Bonnie Place. The Municipality shall reimburse the Department 20% of the actual cost of the work; the estimated reimbursement is \$3,640.

Town of Dobbins Heights
Richmond County
44918.3.13

This Project consists of upgrading pedestrian curb ramps to current ADA Standards at the municipal intersections of Earle Franklin Drive at Dobbins Street and Earle Franklin Drive at Bobo Street. The Municipality shall reimburse the Department 20% of the actual cost of the work; the estimated reimbursement is \$1,242.

Division 9

City of Winston-Salem
Forsyth County
U-2579DEF
34839.3.7

This Design Build Project consists of construction of the Winston-Salem Northern Beltway from west of University Parkway to US-311 (New Walkerton Road). At the request of the Municipality, the Department will include interchange lighting at University Parkway on the east side of the partial cloverleaf. The Municipality will be responsible for all utility bills and future maintenance.

Town of Mocksville
Davie County
48787

This Project consists of construction of a two-lane extension of Angel Knoll Drive to access the new SES Facility in Davie County. The Department will participate in the actual costs using \$87,500 in Economic Development funds and \$54,500 in State Contingency funds, for a total of \$142,000.

Division 10

Town of Cornelius
Mecklenburg county
U-5108
42370.2.2
42370.3.3

This Project consists of construction of the Northcross Drive Extension from the end of Northcross Drive (SR 2316) to Westmoreland Road (SR 2430) in Cornelius. The Department shall participate in the right of way and construction costs of the Project in federal funds up to \$11,201,000 and in state funds up to \$1,500,000. The Municipality will provide a non-federal match in the amount of \$2,512,000. The total available funding is \$15,213,000. Costs that exceed the total available funding will be shared between the Department (50%) and the Municipality (50%).

Concord Stor-All, LLC
Cabarrus County
U-4910A
40373.1.2
40373.3.3

This Project consists of design and construction of a right turn lane and driveway access at 2875 Derita Road (SR 1445, Parcel 4) within the Project limits of U-4910A. The Department is responsible for the work. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$25,586.55.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 11, 12 & 13

Caldwell County Railroad
Company (CWCY)
Caldwell, Catawba, & Burke
Counties
U-4700A
35993

This Rail Agreement incorporates the terms for CWCY to review preliminary engineering plans for the widening of US 321 from US 70 to south of US 321 (New Farm Road), which will impact property owned by CWCY. The Department will prepare the plans and submit the plans to CWCY for review. The Department will reimburse CWCY 100% of the cost of the work performed by CWCY. The estimated cost to the Department is \$10,000.

Division 12

City of Gastonia
Gaston County

This Lease Agreement between the Municipality and the Department is for the Municipality's use of property owned by the Department. The Municipality will use the property for parks and recreational purposes in Gastonia.

City of Gastonia
Gaston County
M-0533CD
48478.3.4

This Project consists of the development of a feasibility study to evaluate a potential crossing of the Catawba River connecting Gaston and Mecklenburg Counties. The Municipality is responsible for the Project. The Department shall reimburse 80% (\$370,800) of approved eligible expenses from federal funds and 15% (\$69,525) from state funds for a total reimbursement of \$440,525. The Municipality will provide a 5% (\$23,175) non-federal match and all costs that exceed the total available funding of \$463,500.

City of Gastonia
Gaston County
EB-5743
51066.1.1

This Project consists of construction of sidewalks to meet ADA compliance, and various pedestrian improvements at intersections along NC 279 (South New Hope Road) from SR 2200 (Armstrong Park Road) to SR 1255 (East Hudson Boulevard). The Department shall prepare the preliminary engineering plans and participate in 80% (\$257,000) of the PE costs from federal funds. The Municipality will provide a 20% (\$64,250) non-federal match and all costs that exceed the total available funding of \$321,250.

City of Gastonia
Gaston County
EB-5745
50423.1.1

This Project consists of construction of missing sidewalk on SR 1255 (Hudson Boulevard) from SR 2200 (Gaston Day School Road) to SR 2466 (Redbud Drive) and on SR 2466 (Redbud Drive) from SR 1255 (Hudson Boulevard) to NC 279 (South New Hope Road). The Department shall prepare the preliminary engineering plans and participate in 80% (\$280,000) of the PE costs from federal funds. The Municipality will provide the 20% (\$70,000) non-federal match and all costs that exceed the total available funding of \$350,000.

Division 12, cont.

City of Gastonia
Gaston County

This Project consists of construction of sidewalk on Marietta Street/Hilltop Drive from Dixon Circle to Hudson

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

EB-5768
51072.1.1

Boulevard. The Department shall prepare the preliminary engineering plans and participate in 80% (\$252,000) of the PE costs from federal funds. The Municipality will provide the 20% (\$63,000) non-federal match and all costs that exceed the total available funding of \$315,000.

City of Gastonia
Gaston County
EB-5975
48522.1.1

This Project consists of construction of sidewalk on the east side of NC 279 from US 29/74 (Franklin Boulevard) to Court Drive and on the west side of NC 279 from Court Drive to Hunt Avenue. The Department shall prepare the preliminary engineering plans and participate in 80% (\$330,400) of the PE costs from federal funds. The Municipality will provide the 20% (\$82,600) non-federal match and all costs that exceed the total available funding of \$413,000.

City of Gastonia
Gaston County
EB-5976
48523.1.1

This Project consists of construction of sidewalk on SR 2200 (Cox Road) from I-85 to Court Drive. The Department shall prepare the preliminary engineering plans and participate in 80% (\$280,000) of the PE costs from federal funds. The Municipality will provide the 20% (\$70,000) non-federal match and all costs that exceed the total available funding of \$350,000.

Town of Mooresville
Iredell County
EB-6033L
48778.4.13

This Project consists of the implementation of programs and activities through education, encouragement, enforcement and evaluation strategies to increase the safety and convenience for children to walk and/or bicycle to school. The Municipality is responsible for the Project. The Department shall reimburse 80% of approved eligible expenses from federal funds not to exceed \$120,000. The Municipality will provide the 20% (\$30,000) non-federal match and all costs that exceed the total available funding.

City of Statesville
Iredell County
12.104911

This Project consists of drainage system repair on the east side of NC 115/US 21 between East Bell Street and Garfield Street. The Department will perform the work. The Municipality shall participate in 50% of the costs in the amount of \$45,000. The estimated cost of the Project is \$90,000.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 13

City of Asheville
Buncombe and Henderson
Counties
I-4400C
34232.3.5

This Project consists of improvements on I-26 from US 25 Business to NC 280. This Utility Agreement for the Department to include provisions in its construction contract for the adjustment and/or relocation of water lines. The Municipality shall reimburse the Department the actual costs of the work. The estimated reimbursement is \$279,508.10.

City of Morganton
Burke County
EB-5978
48474.1.1
48474.2.1
48474.3.1

This Project consists of conversion of an existing facility to include a Multi-use Path and sidewalk. The Municipality is responsible for the Project. The Department shall reimburse 80% of approved eligible expenses from federal funds, not to exceed \$2,649,600. The Municipality will provide the 20% (\$662,400) non-federal match and all costs that exceed the total available funding of \$3,312,000.

Rutherford County
EB-5915
47581.3.1

This Project consists of intersection improvements at US 221A/74A and US 221A/74B along the Thermal Belt Rail Trail Corridor. The Department shall participate in 80% (\$179,013) from federal funds. The County will provide the 20% (\$44,753) non-federal match and all costs that exceed the total available funding of \$223,766.

Town of Black Mountain
Buncombe County
13B.201111

This Project consists of repairs to an existing water line that was damaged by Department forces. The Municipality will perform the work. The Department will participate in the costs of the repair work in the amount of \$28,900.

Buncombe County
EB-5821
44987.1.1

This Project consists of the construction of a multi-use path along Reems Creek corridor from the western edge of the Town of Weaverville to Karpen Soccer Fields. The County is responsible for the Project. The Department shall reimburse 80% of approved eligible expenses from federal funds, not to exceed \$480,000. The County will provide the 20% (\$120,000) non-federal match and all costs that exceed the total available funding of \$600,000.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 13, cont.

Isothermal Planning and
Development Commission
Rutherford County
EB-6033K
48778.4.12

This Project consists of the implementation of programs and activities including education, encouragement, enforcement participation through safety messages, safety materials and other items necessary to carry out the Safe Routes to School activities for the community. The Agency is responsible for the Project. The Department shall reimburse 80% of approved eligible expenses from federal funds not to exceed \$240,000. The Agency will provide the 20% (\$60,000) non-federal match and all costs that exceed the total available funding of \$300,000.

Division 14

City of Hendersonville
Henderson County
I-4400BB
34232.3.GV8

This Project consists of improvements on I-26 from US 64 to US 25. At the request of the Municipality, the Department shall include provisions in its construction contract for the adjustment and/or relocation of water and sewer lines. The Municipality shall reimburse the Department the actual costs of the work. The estimated reimbursement is \$2,249,081.03.

City of Hendersonville
Henderson County
I-4400C
34232.3.5

This Project consists of improvements on I-26 from US 25 Business to NC 280. At the request of the Municipality, the Department shall include provisions in its construction contract for the adjustment and/or relocation of water lines. The Municipality shall reimburse the Department the actual costs of the work. The estimated reimbursement is \$1,082,633.15.

Cane Creek Water and Sewer
District (CCWSD)
Henderson County
I-4400C
34232.3.5

This Project consists of improvements on I-26 from US 25 Business to NC 280. At the request of CCWSD, the Department shall include provisions in its construction contract for the adjustment and/or relocation of sewer lines. CCWSD shall reimburse the Department the actual costs of the work. The estimated reimbursement is \$294,750.

Town of Sylva
Jackson County
EB-5923
47589.1.1
47589.2.1
47589.3.1

This Project consists of construction of sidewalk and curb and gutter on both sides of SR 1431 (Skyland Drive) from US 23 Business to East Sylva Circle and on the west side of SR 1431 (Skyland Drive) from East Sylva Circle to Chipper Curve. This Supplemental Agreement is to increase the funding. The Department shall participate in an additional 80% (\$768,000) in federal funds. The Municipality will provide the 20% (\$192,000) non-federal match. The total available funding is \$1,392,000.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 14, cont.

Town of Canton
Haywood County
EB-5945
48236.1.1
48236.2.1

This Project consists of sidewalk construction on Champion Drive from North Canton Road to Thickety Road. The Department is responsible for the Project. The Department will provide the 80% (\$352,000). The Municipality will provide the 20% (\$88,000) non-federal match to the federal funds authorized for the PE and ROW phases of the Project. The available funding is \$440,000.

Evergreen Packaging, LLC
(Company)
Haywood County
80000.2.3.102

This Rail Agreement covers the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds to cover Company's material costs to upgrade Crossing 902 742K, (SR 1643 – Champion Drive) in Canton, NC. The upgrade will involve the removing of the existing crossing surface and replacing with a concrete tub surface. The Department will be responsible for all materials costs incurred by the Company for this crossing improvement. The estimated cost to the Department is \$150,000.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

There is a total of 16 agreements for informational purposes only.

Division 1

Outer Banks Sporting Events
Dare County
36249.4040

This Project consists of traffic control services by the Department for the Outer Banks Marathon in Dare County. The Organizer shall reimburse the Department 100% for the work. The estimated reimbursement is \$20,000.

Division 3

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

This Project consists of construction of a bus pull-out and loading area along Shipyard Boulevard to include sidewalk at Rutledge Drive to Vance Street. This Supplemental Agreement is to extend the completion date. The Municipality shall complete the Project by September 30, 2020 in lieu of January 12, 2015.

Town of Kenansville
Duplin County
ER-5600
46305.3.68

This Project consists of the installation of two "Welcome to Kenansville" signs and landscaping. The locations for the signs are on NC 24 (Rutledge Road), NC 24/903; and NC 50 (Limestone Road). The Department shall perform the work. The Municipality shall assume maintenance responsibilities for the signage and landscaping.

Evolve Companies
New Hanover County
36249.4047

This Project consists of signal plan and equipment modifications at US 17/76 (Oleander Drive) and Englewood Drive/Site Access and signal coordination work required along US 17/76 (Oleander Drive) to be performed by the Department related to the Oleander Commons Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost, estimated to be \$10,000.

Division 5

Scannell Properties #320, LLC
Durham County
36429.4032

This Project consists of the construction of a new traffic signal at the intersection of South Briggs Avenue at the NC 147 Northbound Ramp. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost, estimated to be \$5,000.

Lowe's Home Center, LLC
Wake County
36439.4037

This Project consists of the traffic signal upgrade on NC 55 at Teal Lake Drive (SIN 05-1708) and traffic signal installation on NC 55 and southern U-Turn. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost, estimated to be \$5,000.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 10

Charlotte Real Estate
Development
Cabarrus County
36249.4036

This Project consists of the installation of a traffic signal located at SR 1442 (Odell School Road) and SR 1449 (Harris 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, estimated to be \$7,500.

City of Albemarle
Stanly County
36248.431

This Project consists of construction and/or maintenance improvements on streets within the Municipal limits of Albemarle. The Department will perform the work. The Municipality shall reimburse the Department 100% for the work from the Municipality's Powell Bill funding allocation.

City of Concord
Cabarrus County
36249.4039

This Project consists of the installation of a new emergency signal at the Concord Fire Station No. 10 along SR 1394 (Poplar Tent Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

Community School of Davidson
Mecklenburg County
36249.4044

This Project consists of the modification of a traffic signal located at SR 2128 (Beatties Ford Road) and SR 2131 (Bud Henderson Road) in Huntersville. The Department will review the traffic signal plans and inspect the traffic signal installation. The School shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

Division 12

Provident Land Services, Inc.
Gaston County
36249.4046

This Project consists of signal upgrades at the intersection of NC 273 at SR 2534. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

TIC Franklin
Gaston County
36249.4042

This Project consists of the addition of a fourth leg of signal at Lowes/Sam's Club. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the cost, estimated to be \$3,000.

**NCDOT August 8, 2019 Board of Transportation Agenda
Municipal and Special Agreements**

Division 12, cont.

Prestige Corporate
Development, LLC
Catawba County
36249.4043

This Project consists of signal upgrades at NC 150 and the Village Center North/Village Center South Intersection. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the cost, estimated to be \$5,000.

Westport Lakeside
Development, LLC
Lincoln County
36249.4045

This Project consists of signal improvements at the intersection of NC 16 Business and SR 1389 (Fairfield Forest) due to the addition of a turn lane. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the cost, estimated to be \$3,000.

Presley Development, LLC
Gaston County
36249.4041

This Project consists of placement of a new signal at the intersection of NC 274/SR 2436 (Union New Hope Road) and site entrance along with signal improvements at the intersection of NC 274 and SR 2439 (Beatty Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department for 100% of the cost, estimated to be \$5,000.

Division 13

NC School of Science and
Mathematics
Burke County
36249.4035

This Project consists of the addition of pedestrian signalization across the northern leg and eastern legs of the intersection of US 64 (Burkemont Avenue) and SR 1107 (Hopewell Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The School shall reimburse the Department for 100% of the cost, estimated to be \$5,000.

NCDOT August 2019 Board of Transportation Agenda

Approval of Municipal Street System Changes

Deletions from the State Highway System

Div	County	Municipality	Road	Termini	Length
10	Union	Village of Marvin	Woodmont Drive	Weddington Chase Subdivsion	0.420
			Stonehaven Drive	Weddington Chase Subdivsion	1.660
			Rosemont Way	Weddington Chase Subdivsion	0.080
			Rockland Trail	Weddington Chase Subdivsion	0.090
			Summit View Place	Weddington Chase Subdivsion	0.130
			Hickory Ridge Drive	Weddington Chase Subdivsion	0.330
			Meadowgate Lane	Weddington Chase Subdivsion	0.170
			Highland Forest Drive	Weddington Chase Subdivsion	0.420
			Brookmont Lane	Weddington Chase Subdivsion	0.070
			Stream View Court	Weddington Chase Subdivsion	0.130
			Oak Shadow Way	Weddington Chase Subdivsion	0.070
			Westmont Way	Weddington Chase Subdivsion	0.210
			Fairburne Court	Weddington Chase Subdivsion	0.030
			Oak Brook Drive	Oak Brook Subdivision	0.720
			Oak Bluff Court	Oak Brook Subdivision	0.160
			Valley Brook Court	Oak Brook Subdivision	0.190
File Name:		Union_2019_08_M001			
9	Rowan	Town of Granite Quarry	SR 2450; Joe Lewis Street	To delete remaining portion of Joe Lewis Street	0.060
			SR 2448; Veronica Lane	To delete Veronica Lane	0.254
			File Name:		Rowan_2019_08_M001
Total Miles =					5.194

NCDOT August 2019 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1 & R-2
2	Approval of Conveyance of Highway Right of Way Residues	R-3
3	Approval of Permanent Utility Easement	R-4
4	Advance Acquisition of Highway Right of Way	R-5

NCDOT August 2019 Board of Transportation Agenda

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 3)

Brunswick County; I.D. No. W-5703Q; Project No. 44849.2.17:

NC 130 (Whiteville Road) at SR 1321 (Longwood Road) and SR 1330 (Waccamaw School Road)

(Division 4)

Johnston County; I.D. No. I-4739; Project No. 36595.2.1:

I-40 access improvements in the vicinity of existing I-40/NC 42 Interchange (Exit 312) (Combine with I-5111) (Utilities under 36595.2.2)

Wayne County; I.D. No. W-5704F; Project No. 44850.2.6:

NC 581 between SR 1317 (Buck Swamp Road) and SR 1324 (Nor-Am Road)

(Division 5)

Wake County; I.D. No. I-5111; Project No. 42346.2.1:

I-40 from Wake County Line to NC 42

Wake County; I.D. No. C-5604ID; Project No. 43714.2.16:

Town of Cary Higgins Greenway Phase 3; Approx. 0.8 miles of Greenway to Downtown Cary

NCDOT August 2019 Board of Transportation Agenda

Preliminary Right of Way Plans (continued)

(Division 5) (continued)

Wake County; I.D. No. C-5604OC; Project No. 43714.2.7:

Walnut Creek Greenway Extension – from the existing Greenway to SR 1348 (Trailwood Drive) to North Carolina State University Centennial Campus in Raleigh

(Division 10)

Stanly County; I.D. No. W-5710AF; Project No. 44856.2.34:

SR 1200 (Bethel Church Road) and SR 1211 (Coley Store Road) near Locust

Cabarrus County; I.D. No. B-5810; Project No. 45764.2.1:

Bridge No. 22 over Rocky River on NC 24 and NC 27

Union County; I.D. No. B-5806; Project No. 45760.2.1:

Bridge No. 129 over Lanes Creek on SR 2111

Union County; I.D. No. W-5710U; Project No. 44856.2.1:

SR 1315 (New Town Road) at SR 1319 (Ennis Road) and SR 1320 (Broomes Old Mill Road)

Union County; I.D. No. U-6087; Project No. 47882.2.1:

Union County Potter Road at Wesley Chapel Road

Anson County; I.D. No. B-5818; Project No. 45771.2.1:

Bridge No. 11 over Deadfall Creek on NC 109

Mecklenburg County; I.D. No. U-5108; Project No. 42370.2.2:

Northcross Drive Extension Project – SR 2316 (Northcross Drive) from just North of NC 73 (Sam Furr Road) to SR 2147 (Westmoreland Road)

Mecklenburg County; I.D. No. W-5170R; Project No. 44856.2.18:

NC 51 from SR 3687 (Park Road) to SR 3611 (Carmel Road) in Mecklenburg County

Cabarrus County; I.D. No. B-5375; Project No. 46090.2.1:

Bridge No. 137 over Dutch Buffalo Creek on SR 1132

(Division 12)

Iredell County; I.D. No. U-5817; Project No. 44389.2.1:

Extend SR 1246 (Fairview Road) over I-77 to connect with SR 1206 (Alcove Road) and construct parallel North/South Connector Roads to SR 1109 (Williamson Road)

NCDOT August 2019 Board of Transportation Agenda

Approval of Conveyance of Highway Right of Way Residues

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

(Division 5)

Project 8.1402601, Parcel(s) R-2541 011 and 012, NC 55 (Holly Springs Bypass) Wake County

Conveyance of an approximate 0.39-acre residual tract to County of Wake, for use as a Ground Water Monitoring Site, for no consideration.

(Division 12)

Project 34497.2.3, Parcels R-2707A 087, US 74 Bypass from West of SR 1162 (Peachtree Road) to East of SR 1315 (Plato Lee Road) Cleveland County

Conveyance of an approximate 0.300-acre residual tract to Cesar Mendoza Lopez, the highest bidder after public advertisement, for the bid sume of \$800.00.

NCDOT August 2019 Board of Transportation Agenda

Approval of Permanent Utility Easement

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

(Division 8)

Project 34542.2.4, Parcel R-3421A 020, US Highway 74 Business Richmond County

Project 34542.2.4 R-3421A 020, US Highway 74 Business Richmond County
The Department acquired a residual tract from The Estate of Lena Mae Coble by Deed dated March 31, 2011 with Deed recorded in Deed Book 1570 at Page 454 of the Richmond County Registry. Duke Energy Progress has requested the Department to allow them to install additional utilities across the aforementioned residue to further upgrade the electric services for the area. The Department has determined this request would not damage the residue. This is to request authority for Manager of Right of Way Unit to execute the appropriate instrument.

NCDOT August 2019 Board of Transportation Agenda

Advance Acquisition of Highway Right of Way

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

Division 4

**Alan Jay Patterson
I.D. No. I-5974 Parcel 900
WBS 44993.1.1, F. A. Project N/A,
County of Johnston**

Division 5

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

**Nicholas Smith and Wife, Angela
I.D. No. U-5825 Parcel 904
WBS 44396.1.1 F. A. Project N/A,
County of Wake**

**Apex Bike Shop, LLC
I.D. No. U-5825 Parcel 902
WBS 44396.1.1 F. A. Project N/A,
County of Wake**

APPROVAL OF ADVANCE ACQUISITION FOR HIGHWAY ROW 4 PROJECT(S) \$ 0.00

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS FISCAL
YEAR 2019 - 2020**

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

There are no Comprehensive Transportation Plans to be presented for approval at the August 1, 2019 Board of Transportation Meeting.

NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the August 8, 2019, Board meeting.

Committee Reports

Advanced Technologies Committee – Committee Chair Szlosberg-Landis provided a summary on the committee's meeting topics, which included: Terrance Reagan of Volpe Planner presented on Innovative Programs and Opportunities at the state level. David Howard, Chief Deputy Secretary, provided an innovation update.

Highway Committee – Committee Chair Tarleton provided a summary of the committee's meeting topics, which included: Mr. Kevin Lacy, NCDOT State Traffic Engineer, provided a presentation on the North Carolina Executive Committee for Highway Safety. Mr. Patrick Norman, NCDOT Director of Highway Operations, reviewed the FY2020 Maintenance Spend Plan. Ms. Aldea Colman, Policy Director and Ms. Hanna Cockburn, Director, Bicycle, Pedestrian and Public Transportation Divisions provided a presentation on the Complete Streets Policy and the proposed policy changes.

Multi-Modal Committee – Committee Chair Perkins provided a summary of the committee's meeting topics, which included: Ms. Aldea Colman, Policy Director and Ms. Hanna Cockburn, Director, Bicycle, Pedestrian and Public Transportation Divisions provided a presentation on the Complete Streets Policy and proposed policy changes. Julie White, Deputy Secretary, gave an update on the Departments Multi-modal plans.

Department of Motor Vehicle (DMV) Committee – Committee Chair Alford provided a summary of the committee's meeting topics, which included: Ms. Reba Calvert of DMV presented a presentation on the ten-day tag implementation process. Ms. Patt Talvanna of Talvanna Consultants provided an update on the peak season and scorecards to the Board. Commissioner Jessup shared that the NC DMV Strategic Plan is close to finalization.

Vice Chair Szlosberg-Landis reminded members of the Board that the next meeting of the Board will be September 4, and 5, 2019 in Raleigh, NC.


Adjournment

There being no further business of the Board, Vice Chair Szlosberg-Landis adjourned the meeting at 10:50 am.



Chairman Fox

North Carolina Board of Transportation

Attest: 

Secretary to the Board of Transportation

Dated this day 8 August 2019.

RESOLUTION FOR SENATOR JAMES SPEED HIGHWAY

WHEREAS, James Speed was a farmer, a cattleman, and a statesman, committed to improvements and progress in agriculture and youth activities, dedicated to the betterment of his Franklin County home and a seeker of truth and fairness in government; and

WHEREAS, Speed served to create and foster change in his 32 years in the N.C. General Assembly and led issues on education, the environment, transportation, rescue services, economic development and aging; and

WHEREAS, Speed served 12 years in the state House of Representatives from 1961-1972 and 20 years in the N.C. Senate from 1977-1997 until his retirement. He represented the citizens of Franklin, Vance, Johnston, Nash, Wake, Warren and Wilson counties; and

WHEREAS, the remarkable experience and insight of Speed will stand unmatched in the history of North Carolina politics and agriculture; and

WHEREAS, Speed was the recipient of "The Order of the Long Leaf Pine" by authorization of Governor James B. Hunt, Jr. in 1981; and

WHEREAS, Speed served locally as a member of the board of trustees at Franklin Memorial Hospital from 1950-1977 and served as a member of the Franklin County Board of Health from 1940-1965 and continued to serve his community until his passing in 2006; and

WHEREAS, the Franklin County Board of Commissioners requests the North Carolina Board of Transportation name a five-mile section of U.S. 401 from Retail Way to Flat Rock Church Road in Franklin County in Speed's honor.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names U.S. 401 from Retail Way to Flat Rock Church Road in Franklin County as the *Senator James Speed Highway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 8th day of August 2019 by the North Carolina Board of Transportation.


Chairman 8818


Secretary of Transportation

RESOLUTION FOR RAY KELLY HIGHWAY

WHEREAS, Henry Ray Kelly, known as Ray, was born in Leaksville, N.C. on March 29, 1936, and was a lifelong resident of North Carolina, living most of his life in Rockingham County; and

WHEREAS, Kelly joined the Army and served proudly for 20 years, receiving numerous medals of commendation before he retired in 1974; and

WHEREAS, Kelly actively served the Boy Scouts, was a former scoutmaster, assisted Boy Scouts in attaining the rank of Eagle, gave programs on the proper handling of the American flag, and gave to scouts in need; and

WHEREAS, Kelly served as Commander of the VFW Post 2574 Rockingham County, Vice Commander of American Legion Post 254 Eden, N.C., Commander of the Rockingham County Honor Guard for 17 years, was a member of the DAV (Disabled American Veterans) and the Rockingham County Veterans Coalition, working to serve veterans in need; and

WHEREAS, Kelly served as President of the Veteran's Park Committee for 15 years and worked with other veterans to plan events honoring the veterans of Rockingham County on Memorial Day and Veterans Day each year and worked tirelessly to maintain and develop the park as a lasting tribute; and

WHEREAS, the Rockingham County Board of Commissioners supports and requests the North Carolina Department of Transportation name a portion of N.C. 65 between County Home Road and N.C. 65 West in honor of Ray Kelly for his generous service to his community and to the veterans of Rockingham County; and

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names a portion of N.C. 65 between Pannel Road (SR 2129) and County Home Road (SR 2371) in Rockingham County as the *Ray Kelly Highway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 8th day of August 2019 by the North Carolina Board of Transportation.


Chairman
8819


Secretary of Transportation

RESOLUTION FOR DR. ANDREW A. BEST BRIDGE

WHEREAS, Dr. Andrew A. Best was a pioneering figure, along with Dr. Leo W. Jenkins, in shaping North Carolina higher education during the 20th century; and

WHEREAS, Dr. Best was the first African-American physician in the City of Greenville and practiced from 1954 until 2004. He was committed to his patients, as well as his community; and

WHEREAS, Dr. Best was the first African-American member of the East Carolina University Board of Trustees; and

WHEREAS, one of the first African-Americans to serve on the University of North Carolina Board of Governors; and

WHEREAS, was a founding member of the Pitt County Interracial Committee, now called the Greenville Human Relations Council; and

WHEREAS, Dr. Best played an important role in establishing East Carolina University's medical school and expanding opportunity to all North Carolina citizens by helping to integrate the University; and

WHEREAS, the City Council of Greenville expresses its support for naming the newly constructed 10th Street Connector Bridge in honor of Dr. Andrew A. Best to recognize the many contributions that he made to East Carolina University, the City of Greenville, and Eastern North Carolina; and

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the 10th Street Connector bridge over Dickinson Avenue in Pitt County as the ***Dr Andrew A Best Bridge***.

That appropriate signs will be erected at a suitable time.

Adopted this the 8th day of August 2019 by the North Carolina Board of Transportation.


Chairman
8820


Secretary of Transportation

RESOLUTION FOR DR. LEO W. JENKINS HIGHWAY

WHEREAS, Dr. Leo W. Jenkins was a pioneering figure, along with Dr. Andrew A. Best, in shaping North Carolina higher education during the 20th century; and

WHEREAS, Dr. Jenkins began his service at East Carolina University in 1947 as a faculty member of the East Carolina Teachers College; and

WHEREAS, Dr. Jenkins advanced to Dean and Vice President, and then served as the University's Chancellor from 1960 until his retirement in 1978; and

WHEREAS, Dr. Jenkins advanced East Carolina from a College to a University with a medical research and teaching facility; and

WHEREAS, Dr. Jenkins led the expansion of East Carolina University's academic, medical and athletic facilities for decades; and

WHEREAS, Dr. Jenkins led the University to expand opportunity to all of North Carolina citizens by helping to integrate the University; and

WHEREAS, the East Carolina University academic and medical programs are important to Eastern North Carolina and the City of Greenville, and contribute to the state's economic well-being; and

WHEREAS, the City Council of Greenville expresses its support for naming a section of the 10th Street Connector in honor of Dr. Leo W. Jenkins to recognize the many contributions he made to East Carolina University, the City of Greenville, and Eastern North Carolina; and

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the 10th Street Connector from U.S. 13/N.C. 11 to Evans Street in Pitt County as the ***Dr Leo W Jenkins Highway***.

That appropriate signs will be erected at a suitable time.

Adopted this the 8th day of August 2019 by the North Carolina Board of Transportation.


Chairman
8821


Secretary of Transportation

RESOLUTION FOR FIRST LIEUTENANT GEORGE HAMPTON YARBOROUGH JR HIGHWAY

WHEREAS, the Person County Board of County Commissioners hereby acknowledges and supports a request to dedicate a section of Mt. Harmony Church Road in Person County for a World War I veteran, First Lieutenant George Hampton Yarborough, Jr.; and

WHEREAS, First Lieutenant Yarborough, Jr. was born Oct. 14, 1895 in Roxboro; his parents moved from Person County to Mullins, S.C. in 1896; and

WHEREAS, First Lieutenant Yarborough, Jr. graduated from The Citadel in 1916 and received his commission as a Second Lieutenant into the U.S. Marine Corps. After training at Paris Island, S.C., he was assigned to the marine barracks at Philadelphia, Pa., and was sent to St. Nazaire, France on June 27, 1917. He served two tours, first at Cosno, France between Dec. 8, 1917 and Jan. 4, 1918 and then at Gondrecourt, France between Feb. 22, 1918 and April 29, 1918; and

WHEREAS, First Lieutenant Yarborough, Jr. arrived on the front lines at the height of the battle of Belleau Wood on June 23, 1918; the next day, the enemy skillfully placed machine guns and his platoon was pinned down. First Lieutenant Yarborough, Jr. was severely wounded by enemy machine gun fire but refused medical attention until others in his unit were treated. He died of wounds on June 26, 1918; and

WHEREAS, First Lieutenant Yarborough, Jr. was awarded posthumously the Distinguished Service Cross, the Navy Cross and the Silver Star for his bravery. Josephus Daniels, Secretary of the Navy, announced that the torpedo boat destroyer No. 314 was named in honor of First Lieutenant George Hampton Yarborough, Jr. in 1919; and

WHEREAS, the Person County Board of Commissioners requests the North Carolina Board of Transportation name a section of the Mt. Harmony Church Road starting at U.S. 158 and ending at Allen Creek Road for First Lieutenant George Hampton Yarborough Jr.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the section of Mt. Harmony Church Road from U.S. 158 to Allen Creek Road in Person County as the ***Lt George H Yarborough Jr Highway.***

That appropriate signs will be erected at a suitable time.

Adopted this the 8th day of August 2019 by the North Carolina Board of Transportation.


Chairman 8822


Secretary of Transportation

**RESOLUTION FOR THE BOARD OF TRANSPORTATION IN
SUPPORT OF IMPLEMENTATION FOR THE NORTH
CAROLINA DEPARTMENT OF TRANSPORTATION
COMPLETE STREETS POLICY THAT WILL ENHANCE
SAFETY AND PROVIDE AN EFFICIENT NETWORK OF ALL
TRANSPORTATION MODES**

WHEREAS, The North Carolina Department of Transportation is a state agency created in Article 8 of Chapter 143B of the North Carolina General Statutes; and

WHEREAS, the general purpose of the Department of Transportation is to provide for the necessary planning, construction, maintenance and operation of an integrated statewide transportation system for the economical and safe transportation of people and goods provided by the law; and

WHEREAS, the Department of Transportation Complete Streets Policy evaluation focuses on process improvements that ensures consideration and implementation of an integrated statewide transportation system; and

WHEREAS, the Department of Transportation's 2009 Complete Street Policy has been updated to reflect this intent and purpose; and

WHEREAS, the Department of Transportation's Complete Street Policy focuses on actions to strengthen institutional support;

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation hereby adopts the 2019 amendments to the Complete Streets Policy.


Chairman

August 8, 2019

Date


Secretary of Transportation

August 8, 2019

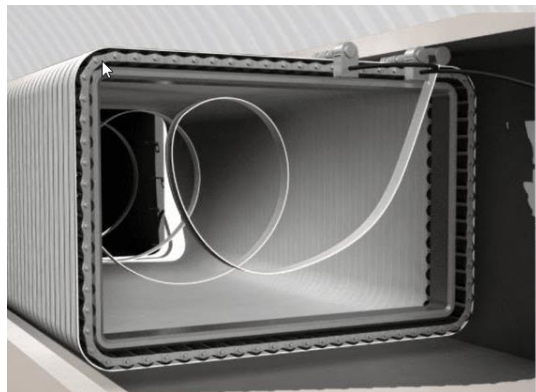
Date



North Carolina Department of Transportation
Transportation Program Management Unit - Value Management
Innovative Technologies and Products Awareness Report
August 7, 2019



PRODUCT HIGHLIGHT – SPR Trenchless Pipe Liner



Example of pipe liner for an irregular shaped pipe – image from Sekisui SPR website

The SPR system also offers an additional grout-free option for circular pipes that expands the liner profile to the contours of the pipe wall by removing an embedded strap after placement.

For more information, please visit <https://sekisuispra.com/>

The SPR Spiral Wound trenchless pipe rehabilitation system (listed on the APL as NP19-8460) is produced by Sekisui SPR and works with both circular and irregular pipe shapes and pipe diameters between 6 and 217 inches. The continuous PVC liner is progressively wound into the pipe from a spool above ground while the winding equipment traverses the pipe. The sections of liner are interlocked together by the winding equipment, and then the space between the liner and pipe wall is grouted. The lining system can operate in partial flow conditions, negotiate curves and bends, and has an option for adding in additional steel reinforcement prior to pipe grouting.



Example of pipe liner interlocking point – image from Sekisui SPR website

PRODUCT HIGHLIGHT – Flexamat Permanent Erosion Control



Flexamat roll for delivery – image from Flexamat website

Flexamat rolls are manufactured in standard widths of 4', 5.5', 8', 10', 12', & 16' and standard lengths of 30', 40', & 50'. Custom width and lengths, as well as 4' x 4' mats stacked on pallets are also available. The non-vegetated limiting shear and velocity are 24+ PSF, and 30+ ft/sec, respectively.

For more information, please visit: www.flexamat.com

Flexamat Permanent Erosion Control is currently being evaluated for inclusion on NCDOT's approved products list. The purpose of this product is to reduce erosion and promote sustainable vegetative growth when placed on roadway slopes, along ditches, channels, riverbanks, ponds, and shorelines. Flexamat is composed of evenly spaced concrete blocks (6.5" square x 2.25" high) that are held together by a polypropylene geogrid. The standard Flexamat backing is the Curlex II Aspen Wood blanket manufactured by American Excelsior Company. Different backings are available, including a permanent non-vegetative option that is manufactured from recycled plastic soda bottles. Flexamat rolls weigh approximately 10 lbs/SF and in most instances the mats do not have to be staked down.



Flexamat installation after three months – image from Flexamat website.