



AGENDA

North Carolina Board of Transportation
1 South Wilmington Street, Raleigh, North Carolina 27601
August 7-8, 2019

WEDNESDAY, August 7, 2019

8:30 AM – 11:30 AM

New Board Member Orientation

Room 150

10:30 AM- 11:30 AM

Advanced Technologies Committee

EIC

1:00 PM – 2:30 PM

WORK SESSION – FULL BOARD ATTENDANCE

ROOM 150

Update from GoTriangle

Katherine Eggleston,
Chief Development
Officer for GoTriangle

Presentation on the Historical Markers Program

Ansley Herring Wegner
Administrator, North
Carolina Highway
Historical Marker
Program

Legislative Update

Bobby Lewis, Chief
Operating Officer

Product Evaluation Program Awareness Handout

Chairman Fox

2:30 PM – 2:45 PM

BREAK

2:45 PM – 3:45 PM

Highways Committee

Room 150

Multi-Modal Committee

EIC

3:45 PM – 4:00 PM

BREAK

4:00 PM – 5:00 PM

Department of Motor Vehicle (DMV) Committee

Room 150

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

THURSDAY, August 8, 2019

9:15AM

Location: Room 150

- **Swearing in of New Board Members**
- **Call to Order**
- **Ethics Statement**
- **Approval of June 27, 2019 Meeting Minutes**
- **Road and Bridge Naming Honorary Designations**
- **Secretary's Remarks**

The Honorable Cheri L. Beasley
Chairman Fox
Chairman Fox
Chairman Fox
Chairman Fox
Secretary Trogon

Information and Delegated Authority

(Item C) Award of Highway Construction Contracts from July 2019 Letting
(Item D) Award of Contracts to Private Firms for Engineering Services

(Item H) Approval of Funds for Division-wide Small Construction, Statewide Contingency, Public Access,
and Economic Development
(Item L) Approval of Funds for Specific Spot Safety Improvement Projects

Annual Ethics Education

Daniel Johnson, General Counsel

Action

Chairman Fox

Resolution: Amendments to the Complete Streets Policy

Approval of Projects

(Item G) Additions, Abandonments, and Road Name Changes to State Secondary
Road System
(Item I) Public Transportation Program

- (Item I-1A) Public Transportation
- (Item I-3) Bicycle and Pedestrian Program
- (Item I-4) Aviation

(Item K) North Carolina Highway Trust Funds
(Item M) Funds for Specific Federal-Aid Projects
(Item N) Revisions to the 2018-2027 STIP
(Item O) Municipal and Special Agreements
(Item P) Municipal Street System Changes
(Item R) Right of Way Resolutions and Ordinances

Committee Reports

Committee Chairs

Other Business

Chairman Fox

Adjourn

Chairman Fox

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

August 7-8, 2019

Delegated Authority Secretary Trogon

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

Action Chairman Fox

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

NCDOT Board of Transportation Agenda

ITEM C

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

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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

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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

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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

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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

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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

August 8, 2019

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 (GESC) 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 (GESC) 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 (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 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 (GESC) 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 (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: \$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 (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: \$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 (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: \$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: \$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 (GESC) 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 (GESC) 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 (GESC) 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 (GESG) 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 (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

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%

END of ITEM D.

**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	5/15/19
		0.04	Extend SR 2607, Heavens Gate Drive	
		0.06	Halo Court	
			Celestial Court	
Division 5				
Franklin	51886	0.13	Ashton Meadows	5/29/19
		0.05	Extend SR 2026, Hilldebrant Drive	
		0.24	Friar Lane	
			Herringbone Drive	
Franklin	51887	0.23	Bailey Farms	6/19/19
		0.05	Bailey Farms Drive	
		0.07	Bailey Oaks Court	
		0.10	Red Fern Drive	
			Beaver Dam Drive	
Franklin	51888	0.15	Carlson Ridge	5/23/19
		0.15	Extend SR 2000, Princeton Manor Drive	
		0.04	Carlson Ridge Drive	
			Seville Way	
Franklin	51889	0.30	Country Club Farms	5/29/19
			Extend SR 1799, Country Club Lane	
Franklin	51890	0.32	Windsor Estates	3/5/19
		0.13	Consella Way	
		0.10	Madeira Drive	
			Cullen Court	
Granville	51891	0.25	New Forest	6/25/19
		0.07	Extend SR 1755, Woodland Church Road	
			Pine Needles Drive	
Wake	51892	0.05	Hickory Leaf Reserve	6/28/19
		0.14	Hickory Vale Street	
			Hidden Leaf Court	
Wake	51893	0.24	Muirfield and Bartons Creek Farm	5/23/19
			Extend SR 3552, Bartons Creek Road	
Warren	51894	0.05	Olde Ferry Estates	4/30/19
			Extend SR 1742, E Pointe Drive	

August 8, 2019

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 0.09	Kingswood Eunice Drive Marcelle Drive	6/7/19
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 0.30 0.24 0.06 0.09 0.08	Summer Hill Farm Crestwood Court Old Homeplace Drive Scotch Moss Drive Windchase Court Cedar Park Drive Summer Hill Farm Drive	6/7/19
Rowan	51904	0.45	Miller Air Park Cloud Top Lane	6/24/19
Rowan	51905	0.19 0.26	Olde Fields Gillan Drive Olde Fields Drive	6/6/19

August 8, 2019

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	0.14	Lawing Pond	1/24/19
		0.10	Meadowlark Landing Drive	
		0.31	Goldeneye Drive	
		0.13	Swan Drive	
		0.22	Mallard Way Drive	
		0.13	Ringtail Lane	
		0.13	Moorhen Lane	
		0.13	Anthony Mark Moore Lane	
		0.25	Bluegill Road	
		0.04	Wiegong Lane	
Division 13				
Buncombe	51908	0.15	High Meadows	5/7/19
			Cambridge Drive	

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
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	There will be no items presented for approval at the August 8, 2019, Board of Transportation meeting.	
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ITEM I - 1 SUMMARY – NO PROJECTS

NCDOT Board of Transportation Agenda
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Estimates in thousands

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:	CAPITAL	FY 2019-	\$21,920	(L)
WAKE		RUS Bus.		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	CAPITAL	FY 2018-	\$231	(L)
WAKE		HYBRID BUSES		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	CONSTRUCTION	FY 2018-	\$0	(L)
WAKE		ROAD		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.

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

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NCDOT Board of Transportation Agenda
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Estimates in thousands

MODIFICATION to the Transit 2018-2027 STIP

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>	

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Estimates in thousands

MODIFICATION to the Transit 2018-2027 STIP

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)
					<u>\$1,407</u>	

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)
					<u>\$2,702</u>	

TA-6716	WESTERN PIEDMONT	Four Replacement Vehicles	CAPITAL	FY 2019-	\$1,440	(CMAQ)
CATAWBA	REGIONAL			FY 2019-	\$360	(L)
HF	TRANSPORTATION				<u>\$1,800</u>	
	<u>PROJECT ACCELERATED TO FY 19 AND FUNDING ADD FOR TWO ADDITIONAL BUSED AT THE REQUEST OF WESTERN PIEDMONT REGIONAL TRANSPORTATION.</u>					

DELETION to the Transit 2018-2027 STIP

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)
					<u>\$840</u>	

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Estimates in thousands

MODIFICATION to the Transit 2018-2027 STIP

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

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

August 8, 2019

NCDOT August 2019 Board of Transportation Agenda

Rail Program

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

ITEM I - 3 SUMMARY – 4 PROJECTS – (TOTAL STATE AND FEDERAL) \$18,700,000

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
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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
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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
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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
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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
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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
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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
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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
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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
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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
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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

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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

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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

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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

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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

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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

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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
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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
STRATEGIC TRANSPORTATION INVESTMENTS	120 PROJECTS	\$426,552,315.79

August 8, 2019

**NCDOT August 2019 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

L-1

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

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

August 8, 2019

**NCDOT August 2019 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

L-2

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
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

August 8, 2019

**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
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**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

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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
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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
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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
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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
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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
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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

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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

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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
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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 Cost \$45,000.00 Fed. \$15,000.00 State \$15,000.00 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 Cost \$204,000.00 Fed. \$51,000.00 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 Cost \$98,000.00 Fed. \$24,500.00 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 Cost \$117,000.00 Fed. \$13,000.00 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 Cost \$9,000.00 Fed. \$1,000.00 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 Cost \$45,000.00 Fed. \$5,000.00 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 Cost \$368,280.00 Fed. \$40,920.00 State

**NCDOT August 2019 Board of Transportation Agenda
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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
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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

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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
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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 Cost \$89,521,300.00 Fed. \$22,887,400.00 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 Cost \$91,840,000.00 Fed. \$22,960,000.00 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 Cost \$135,000.00 Fed. \$15,000.00 State
Henderson Co. W-5714J DIVISION	44862.1.10, HSIP-1358(005) SR 1358 (Fanning Bridge Road) at SR 1359 (Rutledge Road) in Fletcher. \$3,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 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 Cost \$49,500.00 Fed. \$5,500.00 State

**NCDOT August 2019 Board of Transportation Agenda
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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

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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		

ITEM M SUMMARY - 94 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$452,553,084.00

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 1

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

* BR-0118	REPLACE BRIDGE NO. 650093 OVER JACKS SWAMP ON	RIGHT-OF-WAY	FY 2019 -	\$40,000	(O)
NORTHAMPTON	SR 1203 (JACKS SWAMP ROAD).	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>			\$540,000	

DIVISION 2

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

* BR-0119	REPLACE BRIDGE NO. 730109 OVER GRINDLE CREEK	RIGHT-OF-WAY	FY 2019 -	\$130,000	(O)
PITT	ON SR 1514 (STANTON MILL ROAD).	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>			\$630,000	

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

DIVISION 3

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

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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 -	\$250,000	(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 -	\$2,150,000	(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 -	\$1,150,000	(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 -	\$700,000	(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 -	\$700,000	(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 -	\$1,250,000	(L)
				\$8,419,000	

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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.			\$554,000	
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 ANGIER.	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 -	\$291,000	(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			\$6,564,000	
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 -	\$840,000	(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 -	\$520,000	(L)
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			\$2,155,000	

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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			\$5,629,000	
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	SOUTH FORK MITCHELL RIVER.	CONSTRUCTION	FY 2020 -	\$200,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED DUE TO AWARD OF FEDERAL BUILD</u>		FY 2021 -	\$200,000	(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 -	\$1,450,000	(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 -	\$750,000	(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 -	\$650,000	(O)
DIVISION	<u>GRANT</u>			\$1,460,000	

* INDICATES FEDERAL AMENDMENT

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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>			\$545,000	

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>			\$450,000	

* 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>			\$1,770,000	

* 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			\$100,000	
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			\$186,000	
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

Thursday, August 8, 2019

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 12

* EB-5975 GASTON PROJ.CATEGORY EXEMPT	NC 279 (NEW HOPE ROAD), US 29/74 (FRANKLIN BOULEVARD) TO HUNT AVENUE. CONSTRUCT 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.	ENGINEERING	FY 2019 - \$200,000 (CMAQ) FY 2019 - \$50,000 (L) \$250,000
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ADD PRELIMINARY ENGINEERING IN FY 19 AS PART OF FUND SWAP WITH MPO.

* EB-5976 GASTON PROJ.CATEGORY EXEMPT	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) FY 2019 - \$48,000 (L) \$237,000
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ADD PRELIMINARY ENGINEERING TO FY 19 AS PART OF FUND SWAP WITH MPO.

STIP MODIFICATIONS

DIVISION 1

* R-5781 BERTIE CAMDEN CHOWAN CURRITUCK DARE GATES HERTFORD HYDE MARTIN NORTHAMPTON PASQUOTANK PERQUIMANS TYRRELL WASHINGTON PROJ.CATEGORY DIVISION	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) FY 2019 - \$3,200,000 (TA) FY 2020 - \$100,000 (S) FY 2020 - \$400,000 (TA) \$4,500,000
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ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY PROGRAMMED TO REFLECT CURRENT DELIVERY SCHEDULES

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 2

I-6034 LENOIR PROJ.CATEGORY STATEWIDE	US 70 (FUTURE I-42), BEAR CREEK BRIDGE TO SR 1690 (WILLIE MEASLEY RD). PAVEMENT REHABILITATION. <u>TO ALLOW ADDITIONAL TIME FOR PERMITTING, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>	CONSTRUCTION	FY 2020 - <u>\$2,000,000</u> \$2,000,000	(NHPIM)
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* R-5782 BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT PROJ.CATEGORY DIVISION	VARIOUS, DIVISION 2 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 - <u>\$400,000</u> (TA) \$500,000
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U-5730 PITT PROJ.CATEGORY REGIONAL	US 13 (MEMORIAL DRIVE), NC 43 (5TH STREET). UPGRADE INTERSECTION. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>	CONSTRUCTION	FY 2020 - \$100,000 (T) FY 2021 - <u>\$1,900,000</u> (T) \$2,000,000
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DIVISION 3

* R-5783 BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON PROJ.CATEGORY DIVISION	VARIOUS, DIVISION 3 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 2019 - \$800,000 (S) FY 2019 - \$3,200,000 (TA) FY 2020 - \$100,000 (S) FY 2020 - <u>\$400,000</u> (TA) \$4,500,000
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* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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>				

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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
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* 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
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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

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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	

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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>				

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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>				

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 8

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

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 9

* R-5789 DAVIDSON DAVIE FORSYTH ROWAN STOKES PROJ.CATEGORY DIVISION	VARIOUS, DIVISION 9 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 - <u>\$400,000</u> (TA) \$500,000
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U-5824 FORSYTH PROJ.CATEGORY DIVISION	NC 66 (OLD HOLLOW ROAD), HARLEY DRIVE TO US 158 IN WALKERTOWN. WIDEN TO MULTILANES. <u>TO OPTIMIZE TIMING OF FUNDING AUTHORIZATION, DELAY RIGHT OF WAY FROM FY 19 TO FY 20.</u>	RIGHT-OF-WAY	FY 2020 - \$348,000 (T) FY 2021 - \$3,304,000 (T) FY 2022 - \$3,304,000 (T)
		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 - <u>\$8,250,000</u> (T) \$24,292,000

DIVISION 10

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

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

Thursday, August 8, 2019

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	

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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

\$300,000

* INDICATES FEDERAL AMENDMENT

Thursday, August 8, 2019

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
August 8, 2019

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 Subdivision	0.420
			Stonehaven Drive	Weddington Chase Subdivision	1.660
			Rosemont Way	Weddington Chase Subdivision	0.080
			Rockland Trail	Weddington Chase Subdivision	0.090
			Summit View Place	Weddington Chase Subdivision	0.130
			Hickory Ridge Drive	Weddington Chase Subdivision	0.330
			Meadowgate Lane	Weddington Chase Subdivision	0.170
			Highland Forest Drive	Weddington Chase Subdivision	0.420
			Brookmont Lane	Weddington Chase Subdivision	0.070
			Stream View Court	Weddington Chase Subdivision	0.130
			Oak Shadow Way	Weddington Chase Subdivision	0.070
			Westmont Way	Weddington Chase Subdivision	0.210
			Fairbume Court	Weddington Chase Subdivision	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

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

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)

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.

CONVEYANCE ROW RESIDUE

2 PROJECT(S)

\$ 800.00

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.

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.

Alan Jay Patterson
I.D. No. I-5974 Parcel 900
WBS 44993.1.1, F. A. Project N/A,
County of Johnston

**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
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R-ITEM SUMMARY	23 PROJECT(S)	TOTAL: \$ 800.00
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**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.

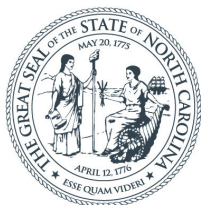
ITEM T-1

There are no Comprehensive Transportation Plans to be presented for approval at the August 1, 2019 Board of Transportation Meeting.

ITEM V

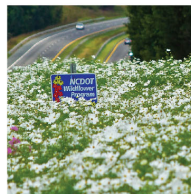
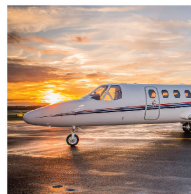
NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the August 8, 2019, Board meeting.



NORTH CAROLINA

Department of Transportation



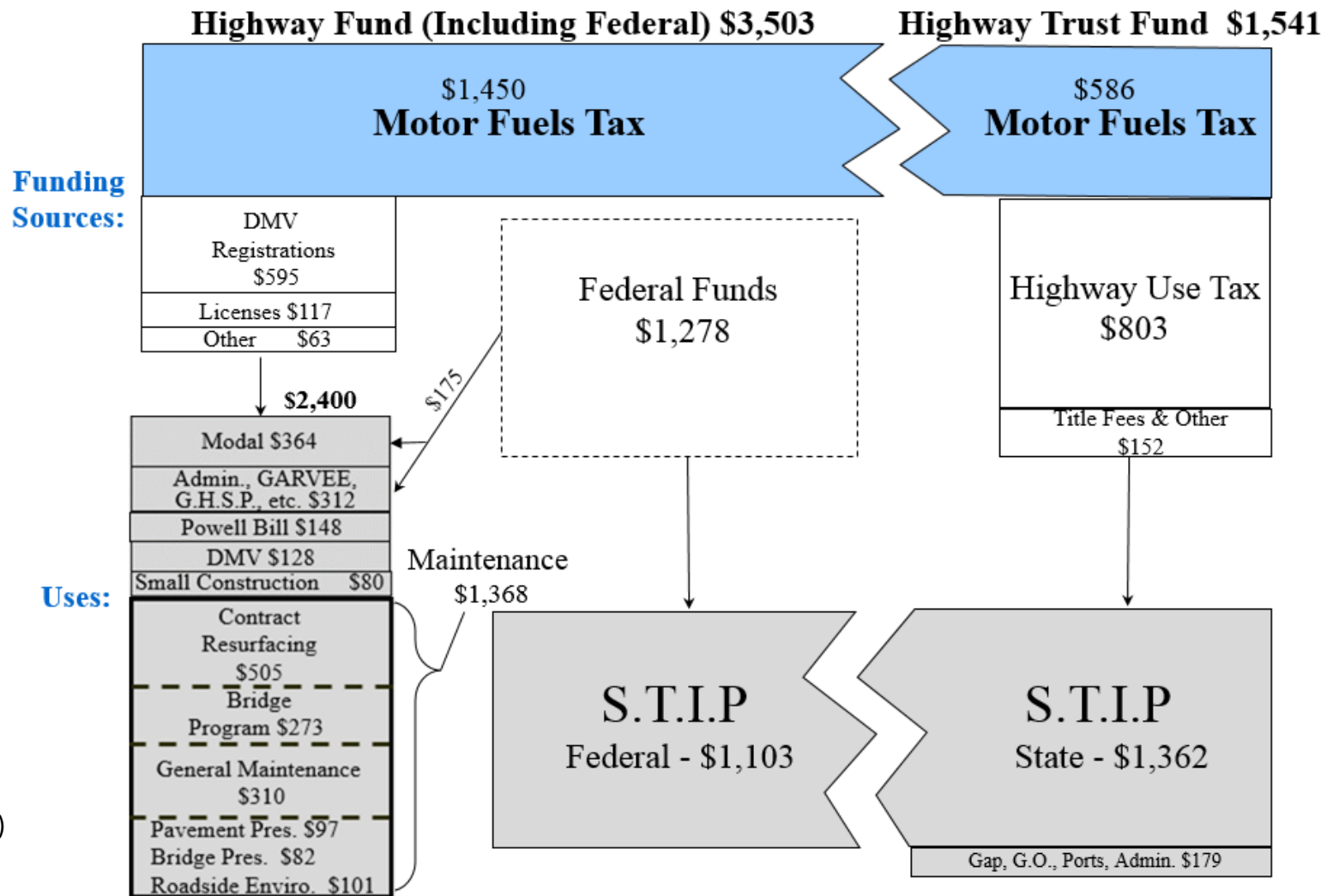
Financial Update

As of June 2019

Evan Rodewald, Chief Financial Officer

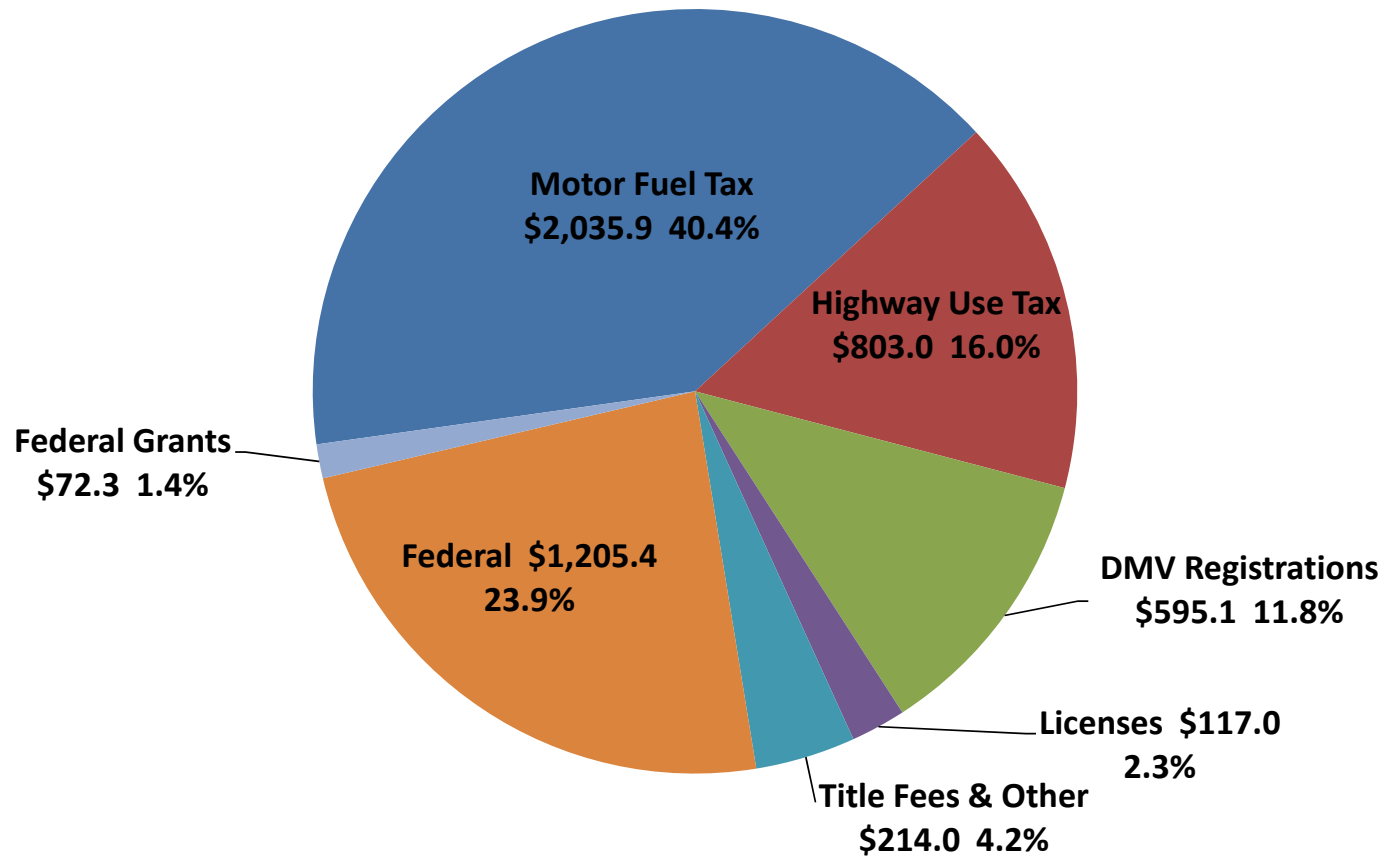
August 7, 2019

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



NCDOT Revenue Sources SFY2019 - \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)

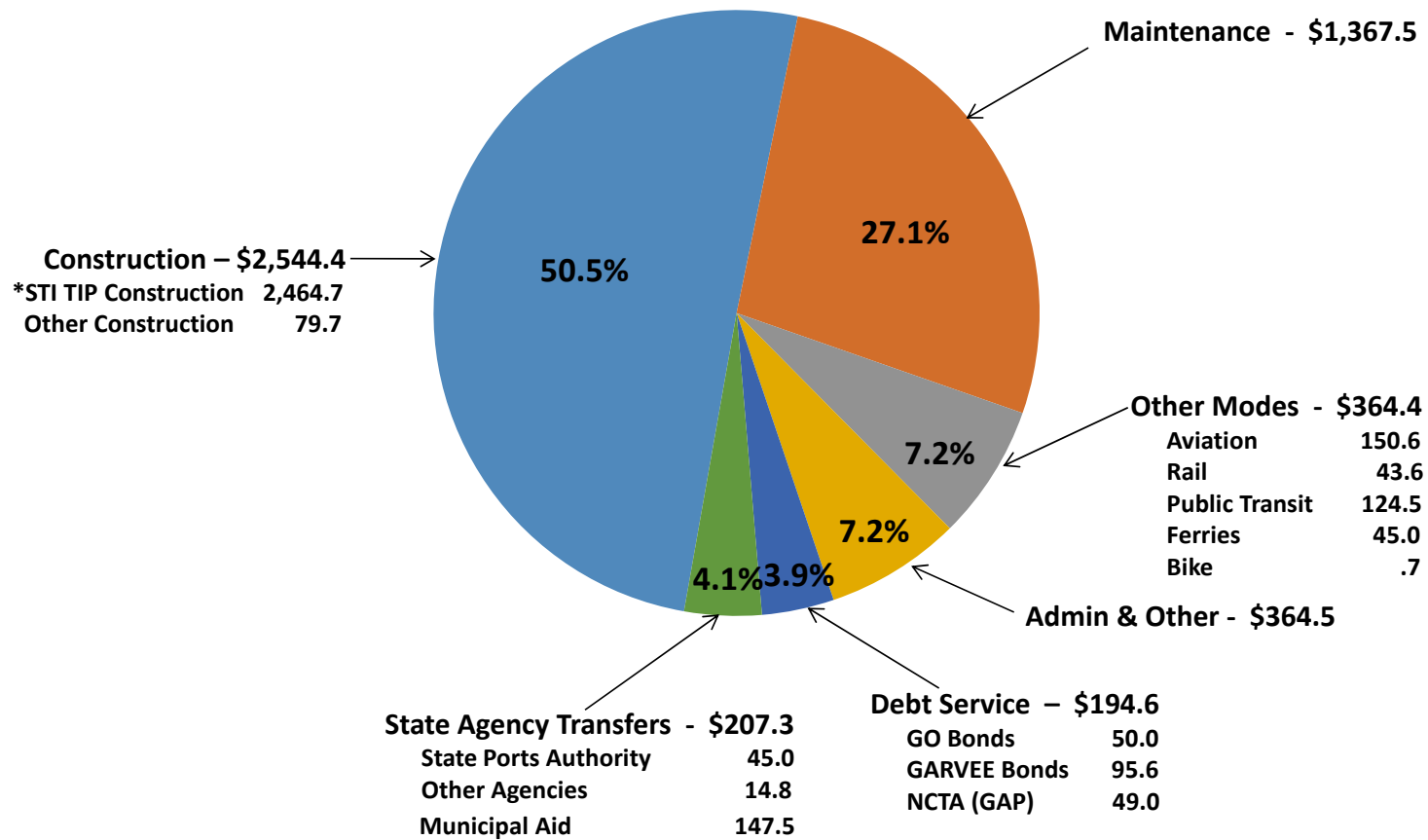


(\$ in millions)

Uses of 2018-19 NCDOT Appropriations

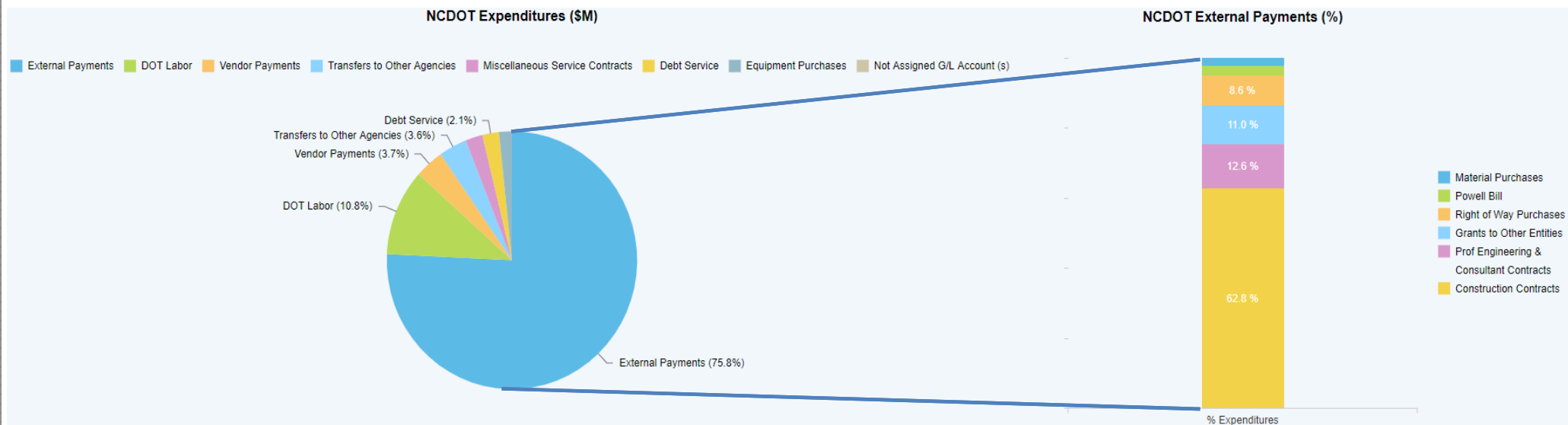
Total Funding = \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)

NCDOT Expenditures SFY2019 as of June 30, 2019



Revenue Summary June 2019

(\$ in Millions)

	June 2019	June 2018	Year Over Year				2018-2019 SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
State & Federal Collections*:								
State Highway Fund Revenues	\$ 215.4	\$ 200.8	\$ 2,286.5	\$ 2,182.2	\$ 104.2	5%	2,224.5	103%
State Highway Trust Fund Revenues	148.8	144.2	1,597.9	1,532.9	65.0	4%	1,540.5	104%
Total State Funds	364.1	345.0	3,884.4	3,715.1	169.3	5%	\$ 3,765.0	103%
Federal Funds/Participation	152.2	149.1	1,657.2	1,327.2	329.9	25%	1,277.7	130%
GARVEE Bond Proceeds	71.8	-	71.8	31.2	40.6		N/A	N/A
Total	\$ 588.2	\$ 494.1	\$ 5,613.4	\$ 5,073.6	\$ 539.8	11%	\$ 5,042.7	111%
	June 2019	June 2018	Year Over Year				SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
Highway Fund & Trust Fund Details								
Motor Fuel Taxes	\$ 210.9	\$ 186.3	\$ 2,107.0	\$ 1,978.9	\$ 128.1	6%	\$ 2,035.9	103%
Highway Use Tax	76.4	75.3	838.7	797.1	41.6	5%	803.0	104%
DMV/Other Revenue	75.1	79.1	920.8	909.1	11.6	1%	913.1	101%
Investment Income	1.8	4.4	18.0	30.0	(12.0)	-40%	13.0	138%
Total Revenue	\$ 364.1	\$ 345.0	\$ 3,884.4	\$ 3,715.1	\$ 169.3	5%	\$ 3,765.0	103%

*Excludes NCTA Revenues

Expenditure Summary June 2019

(\$ in millions)

			Year Over Year				SFY Annual Budget	
	June-19	June-18	2018-2019 Actual	2017-2018 Actual	\$ Δ	% Δ	2018-2019 Budget	%
State & Federal Funded Programs:								
Construction	\$ 295.5	\$ 358.9	\$ 3,337.4	\$ 3,002.6	\$ 334.7	11%	\$ 2,544.4	131%
Maintenance	256.4	242.8	2,174.4	1,743.0	431.4	25%	1,367.5	159%
Other Modes	23.8	30.5	437.9	352.8	85.1	24%	364.4	120%
Administration/Other Programs	120.1	116.7	331.6	311.7	19.9	6%	364.5	91%
Debt Service (Including NCTA GAP funds)	0.4	0.4	194.9	197.1	(2.1)	-1%	194.6	100%
Municipal Aid	-	-	147.3	147.7	(0.3)	0%	147.5	100%
Transfers to Other Agencies	0.4	2.8	58.7	59.4	(0.7)	-1%	59.8	98%
Total Expenditures*	\$ 696.6	\$ 752.1	\$ 6,682.3	\$ 5,814.4	\$ 868.0	15%	5,042.7	133%

**Excludes NCTA Expenditures*

Financial Update

SFYTD 2019 as compared SFYTD 2018

(\$ in millions)

	June '19	June '18	YTD 2019	YTD 2018	\$ Change
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 588	\$ 494	\$ 5,613	\$ 5,074	\$ 540
Expenditures	<u>697</u>	<u>752</u>	<u>6,682</u>	<u>5,814</u>	<u>868</u>
Net Change	\$ (108)	\$ (258)	\$ (1,069)	\$ (741)	\$ (328)
Cash Balances:			June '19	June '18	
Highway Trust Fund			\$ 260	\$ 1,361	
Highway Fund*			<u>173</u>	<u>32</u>	
Totals			<u>\$ 434</u>	<u>\$ 1,393</u>	

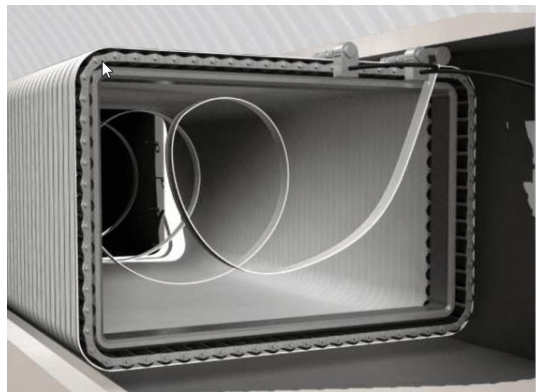
*Excludes bond proceeds held by Trustee & GARVEE Debt Service Reserve



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.



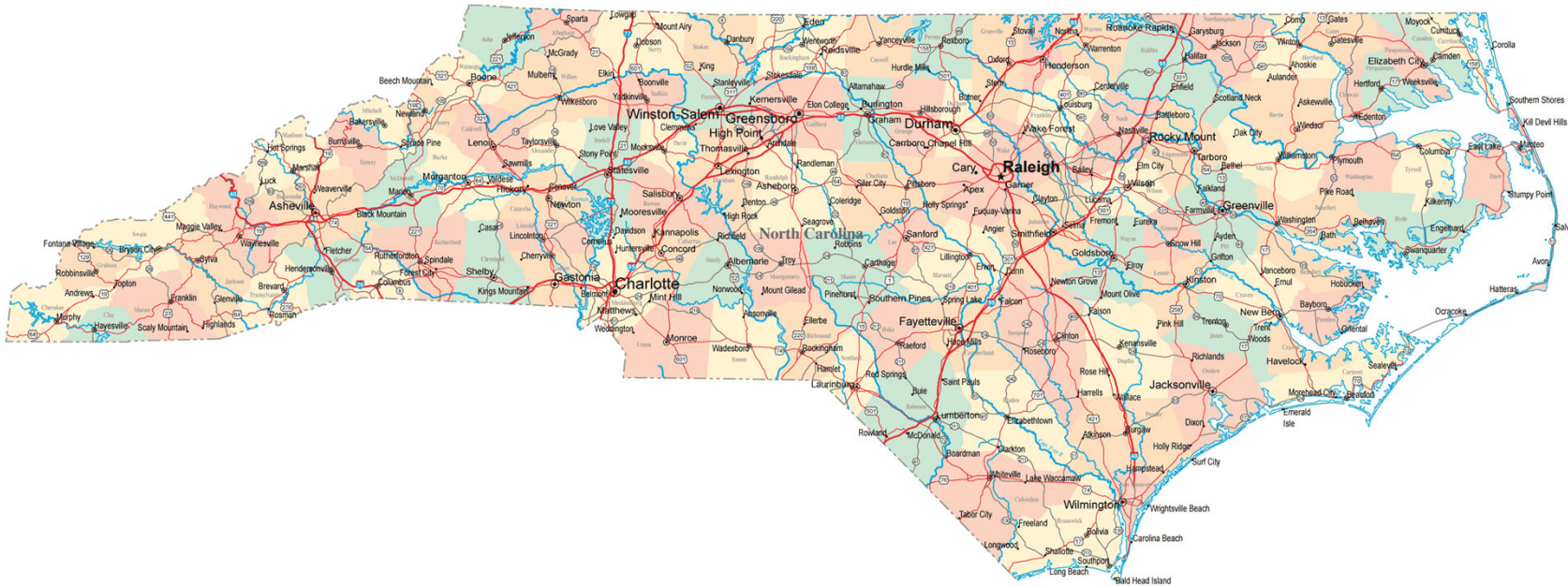
Flexamat installation after three months – image from Flexamat website.



The North Carolina Highway Historical Marker Program

Operating jointly with DOT since 1935





There are currently 1612 historical markers-
at least one in every county

Since the late 1940s North Carolina's historical markers have been made by Sewah Studios in Marietta, Ohio. They are handmade, cast aluminum.









Markers tell the stories you know...



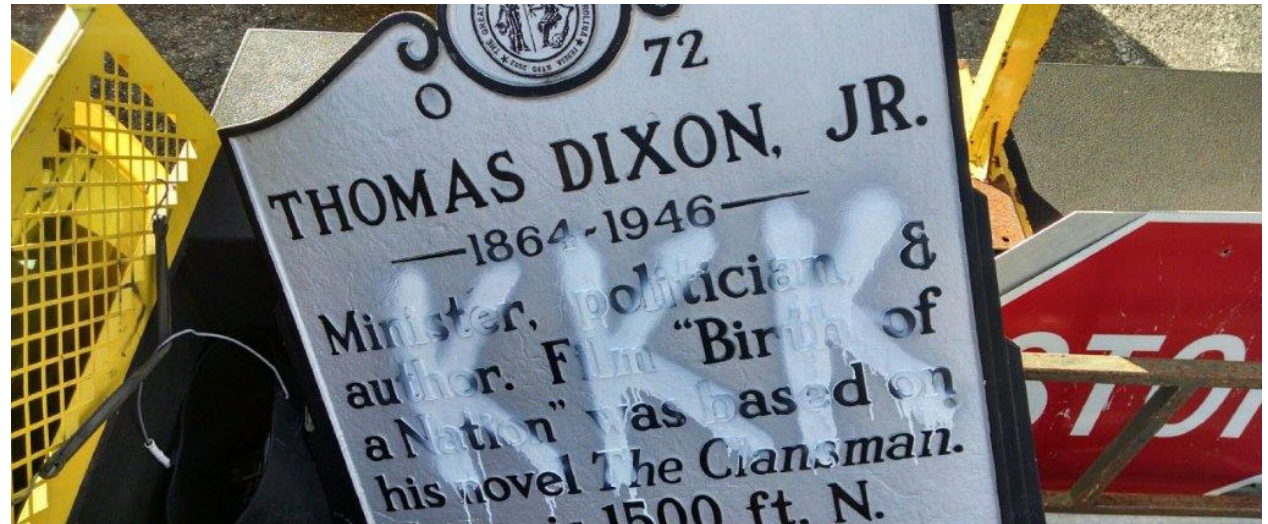


...and some that you may not know
but surprised to learn





Damage is inevitable



and regrettable



36

H SAINT MARY'S

Episcopal school for
girls. Established 1842
by Rev. Aldert Smedes
on the site of an earlier
Episcopal boys school.

2016



Division 9 refurbishing a marker



Division 14 completing a cap repair



P 87
PLOTT HOUND
State dog. Prized for
big game hunting skills.
Breed refined in 1800s
by Henry Plott & family.
Their home 2 mi. SW.



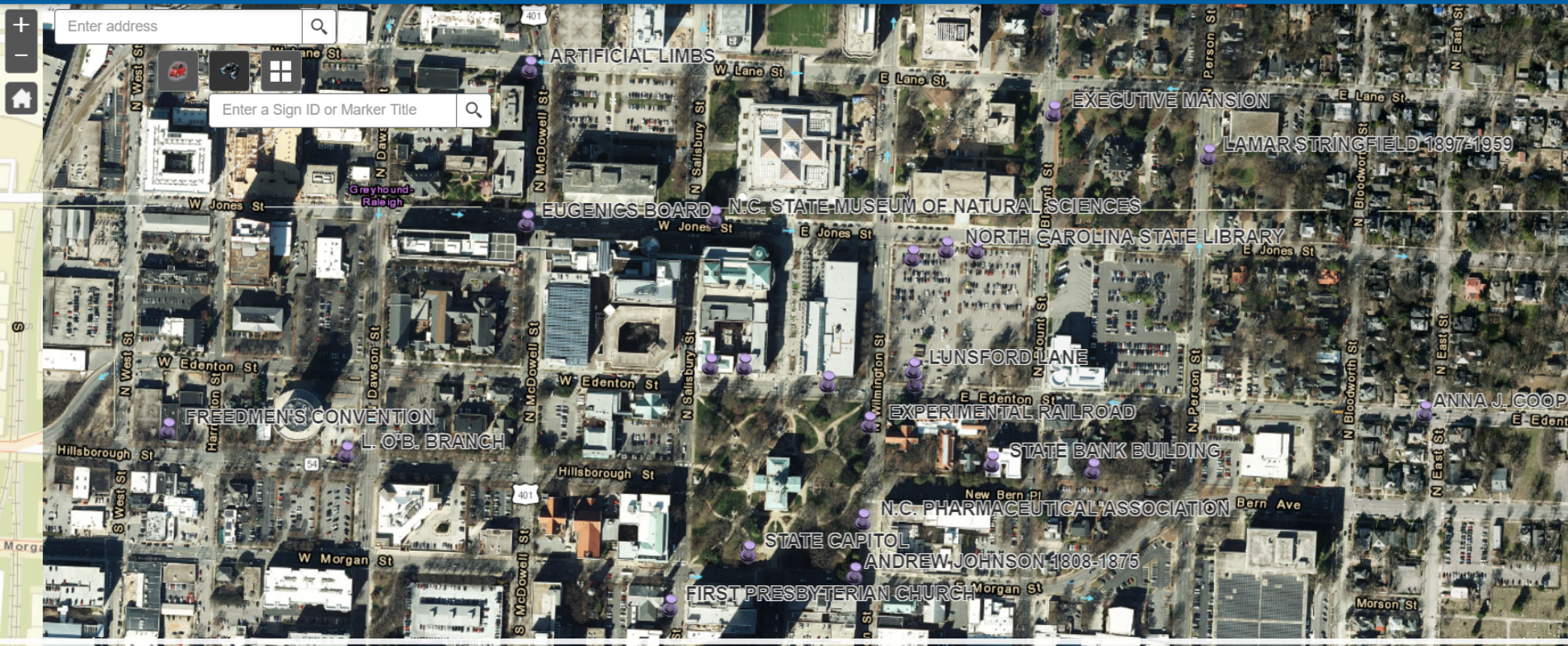






North Carolina Highway Historical Markers 2

a web map of all 1500+ highway historical markers



www.ncmarkers.com



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


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


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


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


Secretary of Transportation

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


Secretary of Transportation



ADVANCED TECHNOLOGY MEETING MINUTES

DATE: 2/6/19 TIME: 3:40 pm LOCATION: Board Room 150

MEETING CALLED BY	Vice-Chairwoman Valerie Jordon called the meeting to order
BOARD ATTENDEES	Valerie Jordan, Tony Lathrop, Allen Moran, Thomas Taft, Billy Clarke, John Pope

AGENDA TOPICS

1. MEETING CALL TO ORDER ON FEBRUARY 6, 2019 FOR ADVANCED TECHNOLOGY MEETING – VICE-CHAIRWOMAN VALERIE JORDON	
DISCUSSION SUMMARY	Vice-Chairwoman Jordon called the committee to order and presented roll call and read the conflict of interest statute.
2. PREPARING FOR FUTURE TECHNOLOGIES UNIVERSITY CENTER FOR TRANSPORTATION INNOVATION – NEIL MASTIN, RESEARCH & DEVELOPMENT MANAGER	
DISCUSSION SUMMARY	<p>The Center for Transportation Innovation program is a multi-year, multi-university coalitions to export cutting edge topics and work with DOT on strategic ideas.</p> <p>Mr. Mastin mentioned reasons why the program was developed, the next steps and funding sources.</p> <p>He informed the Board of the first Annual Research & Innovation Summit on May 2019 and that the program will be up and running by Fall 2019.</p>
3. MITIGATION & MODELING – LEILANI PAUGH, PROJECT ATLAS	
DISCUSSION SUMMARY	<p>Ms. Paugh explained the Project ATLAS acronym and their goal to streamline project development using GIS tools, applications and data, which adheres to the Secretary's Priorities for Improved Program Delivery and Reduced Cash Balance</p> <p>The Project ATLAS looks at all modes of transportation and collects information to have in a "One Stop Shop" database.</p> <p>Limited tools are available for use at the New Hope Center for Project ATLAS, but the complete project tools will be available for use to everyone after the NCID Rollout March 15th, with training following the end of March.</p> <p>Next steps will be to connect with all systems, vet new data layers with field work, engage agencies in process improvements and collect feedback from users to improve ATLAS tools and data layers.</p>
ACTIONS TAKEN	N/A
ADJOURNED 4:23 PM	



ADVANCED TECHNOLOGY MEETING MINUTES

DATE: 6/5/19 TIME: 3:34 pm LOCATION: Board Room 150

MEETING CALLED BY	Chairwoman Nina Szlosberg-Landis called the meeting to order
BOARD ATTENDEES	Nina Szlosberg-Landis, Thomas Taft, Landon Zimmer, Billy Clarke

AGENDA TOPICS

1. MEETING CALL TO ORDER ON JUNE 5, 2019 FOR ADVANCED TECHNOLOGY MEETING – CHAIRWOMAN NINA SZLOSBERG-LANDIS	
DISCUSSION SUMMARY	Chairwoman Jordon called the committee to order and presented roll call and read the conflict of interest statute. The February 2019 meeting minutes was not approved due to no Quorum for the June committee meeting.
2. NCMOVES2050 DRIVERS AND OPPORTUNITIES IN TECHNOLOGY – NASTASHA EARLE-YOUNG, NCDOT TRANSPORTATION PLANNING, LETA HUNTSINGER, WPS PROJECT ENGINEER, ALPESH PATEL, CAMBRIDGE SYSTEMATICS DEPUTY PROJECT ENGINEER	
DISCUSSION SUMMARY	<p>An overview was presented on the plan development and accomplishments, arising issues, NCDOT and the partners roles in technology, trends impacts, and engagement efforts for the program.</p> <p>Nastasha Earle-Young and Jamal Alavi was asked to send the board members the NCMoves2050 Website to view the white papers for the program.</p> <p>Chief Howard mentioned aligning their thinking with where Advanced Technology is going. He would like to see the growing innovation and process through the Department. He spoke briefly about the Secretary's initiatives for NCDOT. The Department is working towards operationalizing technology and he would like to see everyone working towards the same goal.</p> <p>Chief Deputy Secretary Howard and Chairwoman Szlosberg-Landis asked the board members questions to think about:</p> <p>What are they most interested in based around advanced technology?</p> <p>What policy areas are they interested in?</p>
ACTIONS TAKEN	N/A
ADJOURNED 4:30 PM	



ADVANCED TECHNOLOGIES COMMITTEE (ATC) AGENDA

BOARD OF TRANSPORTATION AUGUST 7, 2019

TIME: 10:30 AM

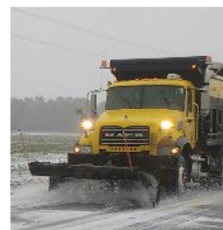
LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum	Nina Szlosberg-Landis, Chair	10:30-10:35
Opening remarks	Nina Szlosberg-Landis, Chair David Howard, Chief Deputy Secretary	10:35-10:45
Innovative Programs & Opportunities at the State DOT Level	Terrance Reagan, Volpe Planner	10:45-11:15
Innovation Updates/Survey Results	David Howard, Chief Deputy Secretary	11:15-11:25
Other Discussion	Nina Szlosberg-Landis, Chair	11:25-11:28
Adjourn	Nina Szlosberg-Landis, Chair	11:28-11:30



NORTH CAROLINA

Department of Transportation



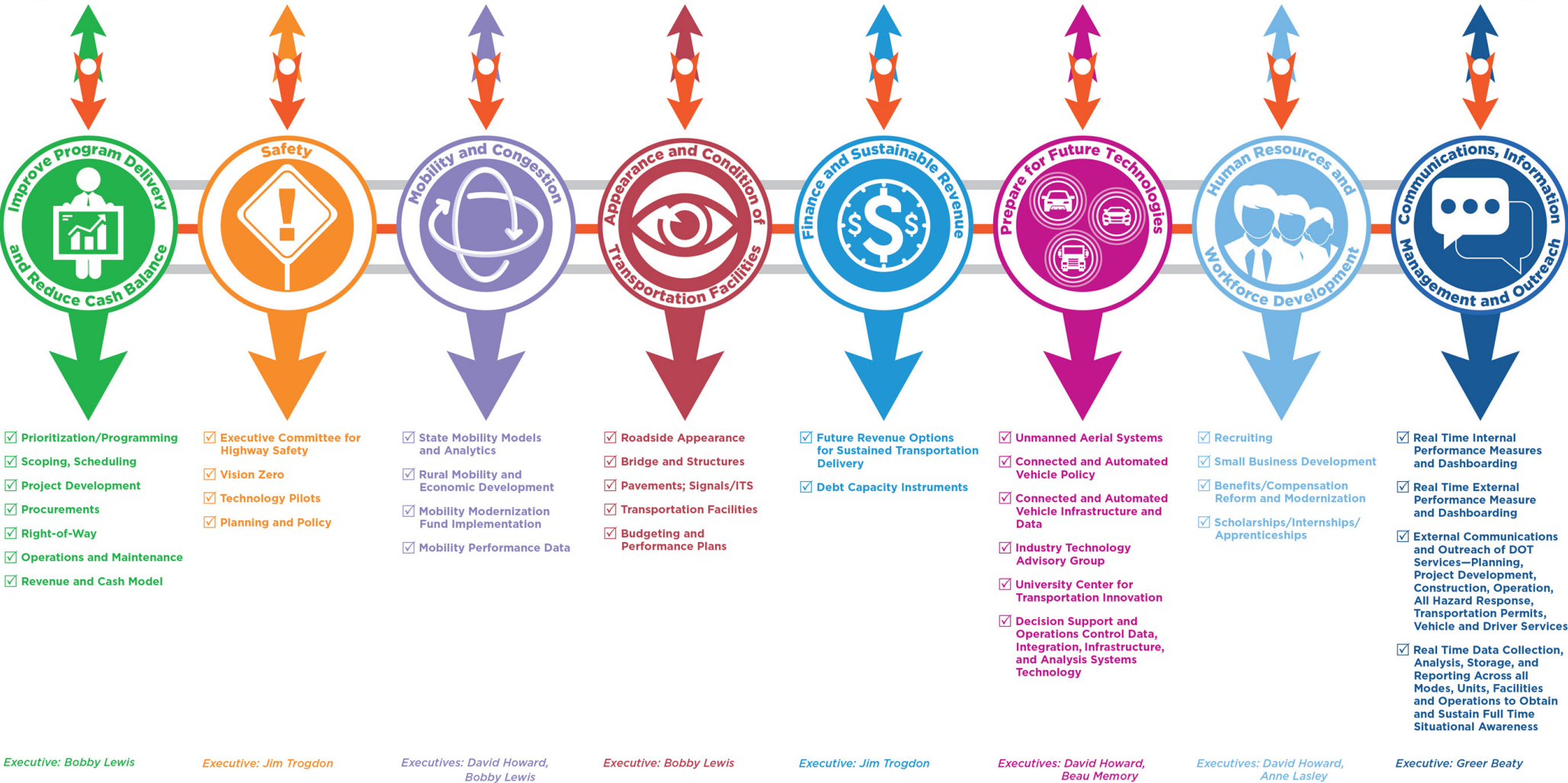
Building a Culture of Innovation

August 7, 2019

NCDOT Priorities and Work Groups

Better Transportation Service for North Carolina

Our Mission: Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.



The logo for the State Transportation Innovation Councils (STIC) features the acronym "STIC" in a bold, purple, sans-serif font. Below the acronym is a green arrow pointing to the right, which contains the text "State Transportation Innovation Councils" in a smaller, white, sans-serif font. The entire logo is set against a white background with a faint, circular, blue and grey splatter effect around it.

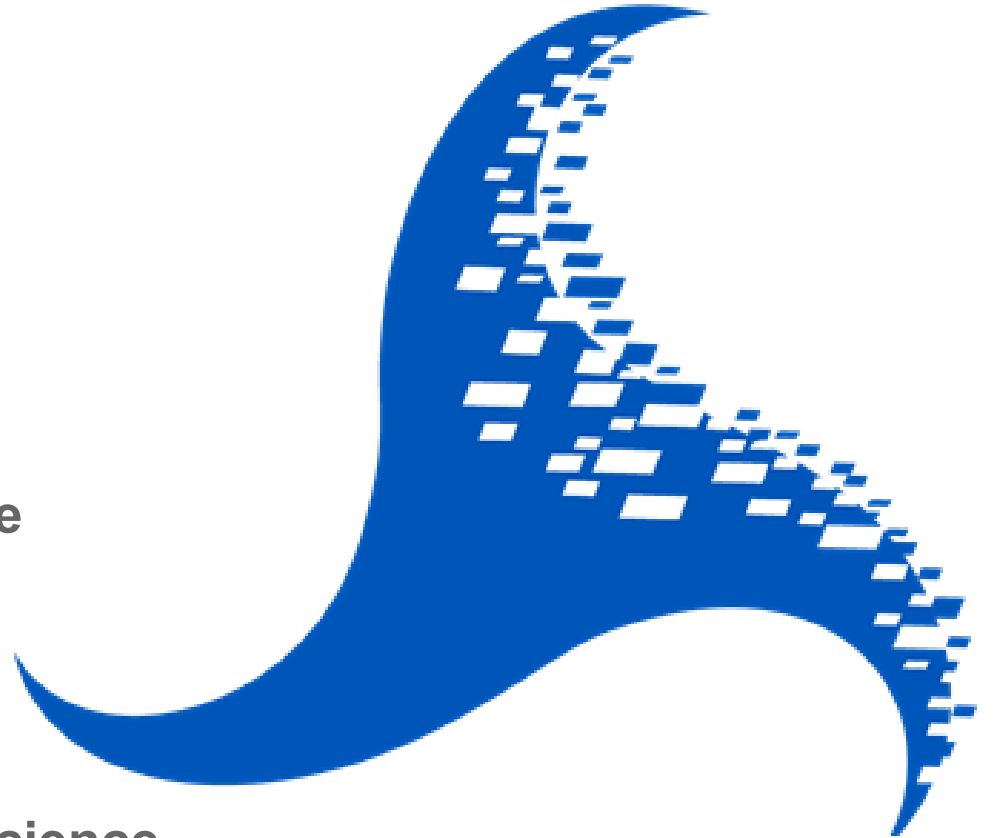
State Transportation Innovation Councils

Mission

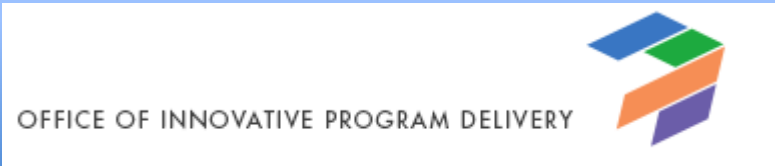
The mission of the NC-TIC is to ***facilitate the rapid implementation of technology, tactics and techniques*** among transportation program delivery professionals at all levels of state government and throughout the private and non-profit sector to ensure smart, efficient investment in North Carolina's transportation infrastructure.

Proposed Restructuring of NC-TIC

- New NC-TIC builds on past initiatives
- Structured to expand opportunities with government, education and industry working in partnership
- Targeted leadership committees include:
 - **NC-TIC Executive Committee**
 - **Advanced Technology Board Subcommittee**
 - **NC-TIC Technical Coordination Committee**
 - **NC-TIC Industry Advisory Council**
 - **Executives in Residence for Innovation + Science**



Basis of Structure



CENTER FOR TRANSPORTATION WORKFORCE DEVELOPMENT

Delivering programs and initiatives that build transportation career awareness and improve workforce development, capability and diversity of our nation's transportation workforce.

CENTER FOR LOCAL AID SUPPORT

Providing national training and technical assistance networks to help local governments, tribes and land management agencies enhance roadway networks and create economic opportunity.

CENTER FOR INNOVATIVE FINANCE SUPPORT

Providing technical assistance, tools and training in the use of innovative finance and revenue strategies to bridge funding gaps and accelerate project implementation.

CENTER FOR ACCELERATING INNOVATION

Fostering the accelerated adoptions of innovation across the transportation community.

Promoting Internal Innovation

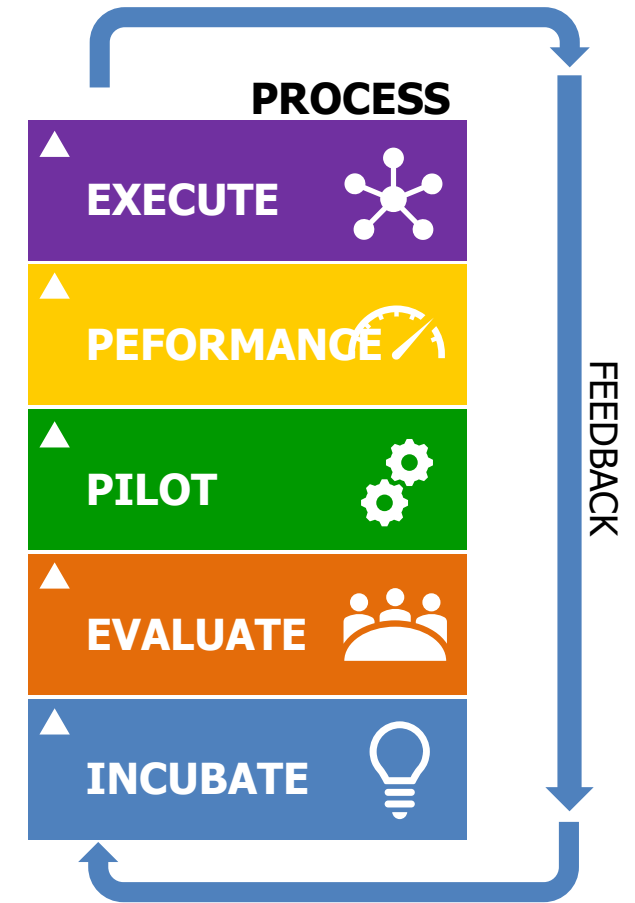


Office of
Internal
Innovation



GOALS:

- FHWA Every Day Counts
- Internal Ideas Generator Program
 - Rank & File Ideas (Policy Council Method)
 - Millennial Leadership Academy
 - Leadership
 - Legal Team
- Data/Analytics



Pushing Boundaries with Academia



Office
Academic
Partnerships



GOALS:

- NCDOT University Centers of Excellence (UCEs)
 - Mobility & Congestion
 - Future Technologies
 - Project Development
 - Safety
- USDOT UTC Partners Council
- Industry Research & Development Partnerships
- Academia Innovation Initiatives
 - (hackathons, competitions, etc.)



Building Partnerships with Industry



Office of
Industry
Partnerships



GOALS:

- Industry Information Exchanges
- Minorities in Transportation Tech Initiative
- Industry + Government Partners
- Innovation Initiatives
 - Hackathons
 - Competitions
 - Awards





DMV MEETING MINUTES

DATE: 6/5/2019 **TIME:** 10:30 am **LOCATION:** Highway Building / Rm 460-150

MEETING CALLED BY	Michael Alford
BOARD ATTENDEES	Michael Alford, John Pope, Cullie Tarleton, John Pope, Grady Hunt, Andy Perkins

AGENDA TOPICS

1. STRATEGIC PLAN OVERVIEW - TORRE JESSUP	
DISCUSSION SUMMARY	NC DMV Strategic Plan / Goals and Priorities DMV is working toward / HQ Move / HR Strategy / Peak Season Strategy / IT, Internal DMV, Capacity Initiatives /
ACTIONS TAKEN	<p>Consultant – Rachel Fleming is Project Manager for DMV Move.</p> <p>Portia Manley – Special Advisory Role, Personnel Logistics</p> <p>Consultants will be conducting a 360 Review to aid DMV with back office processes to minimize paper and backlogs</p> <p>Class and Compensation study has not been completed; however, it is in process. Study is ongoing. Spoken with Community Colleges to discuss education and paygrade compared to the private sector.</p> <p>BCG – Increased appointments, Scorecards, Additional Workstation Terminals, Q-Flow Scheduler, BEADLE, Internal Podcast to communicate organizational information.</p> <p>Realtime insurance verification.</p> <p>Tarleton - What is the % of employees resigning / retiring from NCDMV?</p> <ul style="list-style-type: none"> - Has there been any discussions with Greer regarding the negative news media? - Why does it take 35 days for the hiring process? - How are you getting the message out to the media regarding REAL ID? - How can the Board help? - Media assistance to better inform customers, changing customer behavior (when and where to visit DMV to complete transactions. Redirecting customer and appointments. <p>Alford -Is the move creating opportunities to enhance technology?</p> <p>-How did BCG come up with target ranges for metrics?</p> <p>Pope -What resources do you have regarding social networking/media?</p>



DEPARTMENT OF MOTOR VEHICLE (DMV) COMMITTEE AGENDA

BOARD OF TRANSPORTATION AUGUST 7, 2019

TIME: 4:00 pm – 5:00 pm

LOCATION: Room 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of June 5, 2019 Meeting Minutes	Michael Alford, Chairman	4:00pm
10 Day Tag Update	Reba Calvert, Program Supervisor II, DMV Field Services	4:05pm-4:15pm
Peak Season & Scorecards Update	Patt Talvanna, Consultant, Talvanna Consulting, LLC	4:15pm-4:55pm
Adjourn	All	5:00pm



NORTH CAROLINA

Department of Transportation

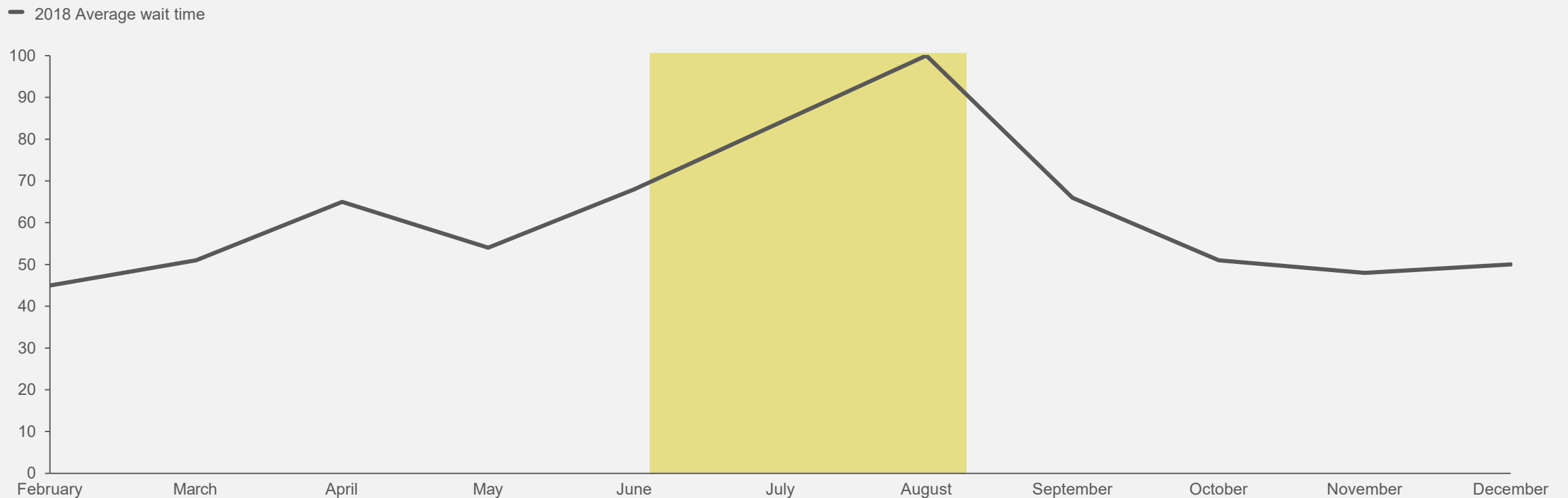


Peak Season Scorecard Update

August 8, 2019

Summer is peak season for DMV

- DMV cannot control demand, but can work to actively manage and communicate
- In August 2018, *average* wait times peaked at nearly 100 minutes



Summer Plan

With long wait times and growing demand, DMV needed a plan before the peak summer season

- Leveraged consultants to assist with developing a strategy to better **manage demand and promote efficiency**
- Utilized SAS tool to develop **scorecards to track performance**

Today's Focus



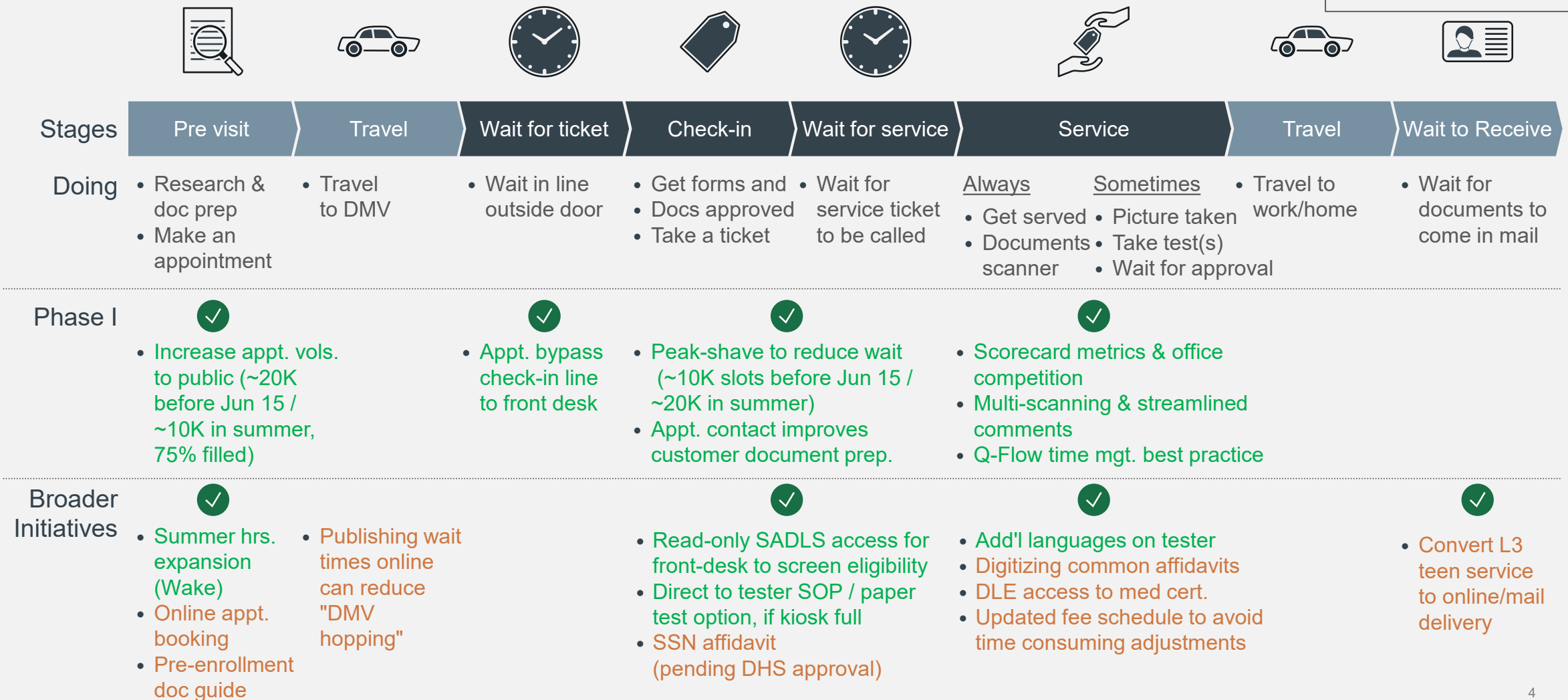
Volume (Demand)



Efficiency (Productivity)

Customer centric summer plan to manage demand and improve efficiency

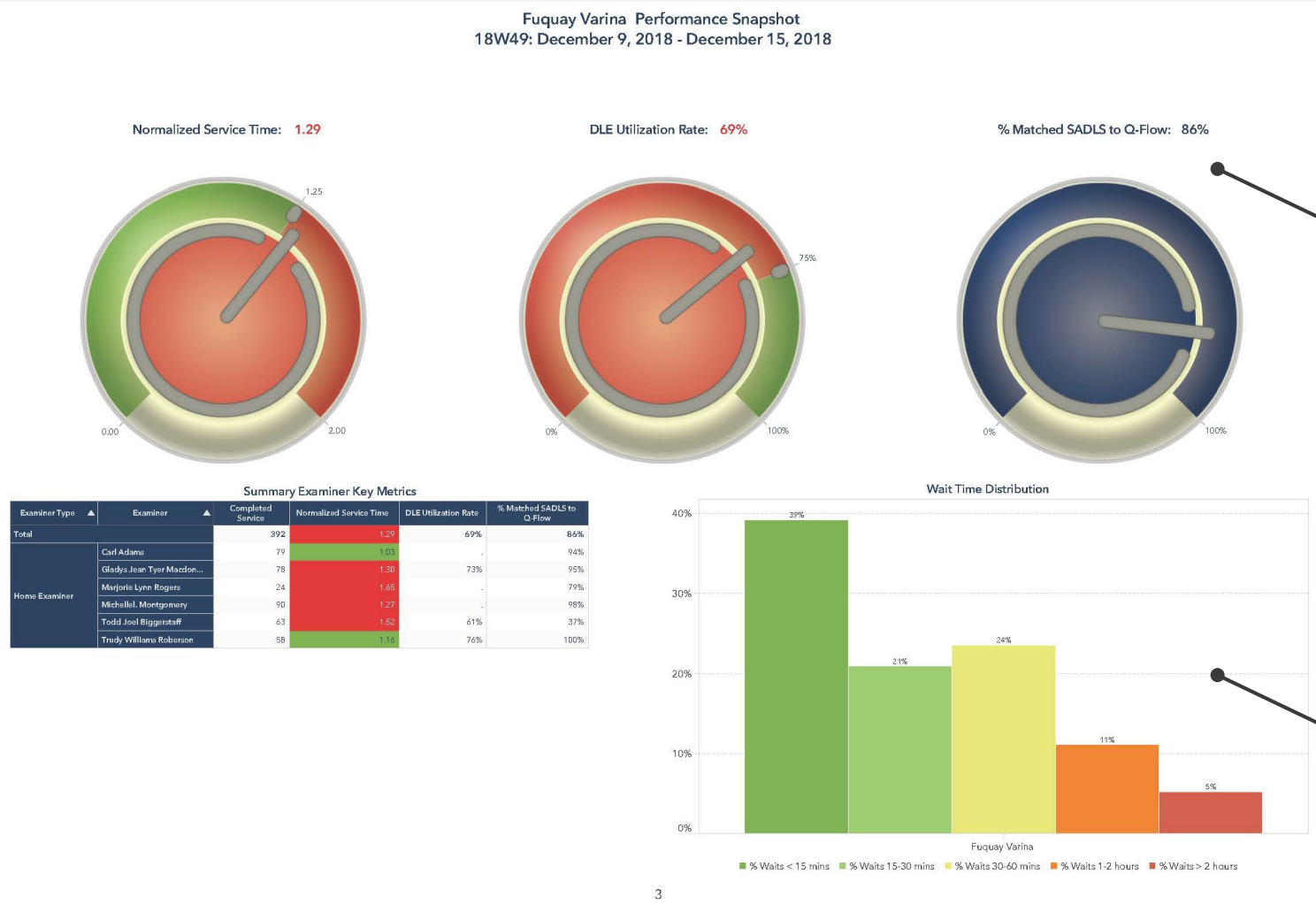
Initiative implementation
By summer
Post-summer



Scorecard puts metrics and targets into action

- Scorecards were rolled to ~30 offices
- Metrics and targets are measured daily and **tracks individual and organization performance**
- Office leads, district managers and DMV leadership have access
- Provide an **ongoing and consistent feedback loop**
- **Identify performance or resource gaps**
- Pinpoint training and remediation opportunities

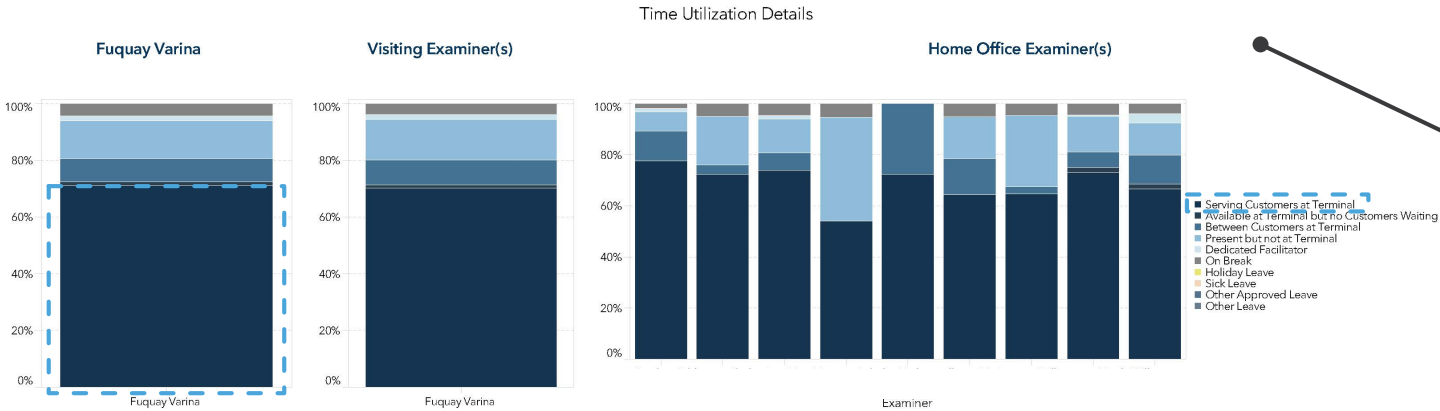
Example of Office Performance Scorecard



- Performance metrics targets
- Normalized Service Time: **Target less than 1.25**
 - Utilization Rate: **Target greater than 80%**
 - % Matched to SADLS: **Target greater than 95%**

- Core outcome targets
- 60% of waits less than 30-minute wait
 - 90% of waits less than 2 hour

Example of Office Time Utilization



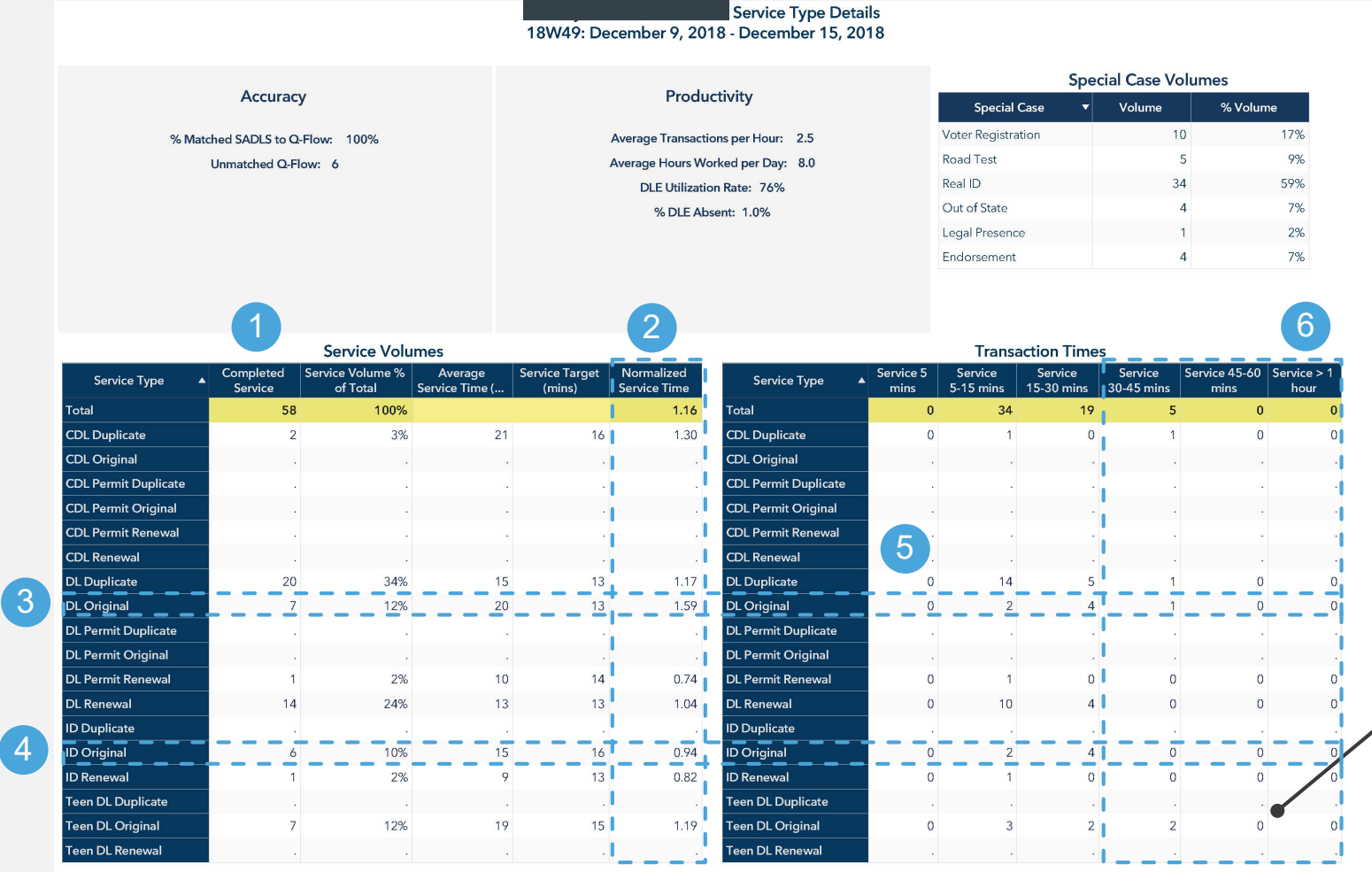
Time serving customers at terminal
% of total scheduled hours spent in
service with customers at a terminal

Fuquay Varina Time Utilization											
Examiner Type	Examiner	Serving Customers at Terminal	Available at Terminal but no Customers Waiting	Between Customers at Terminal	Present but not at Terminal	Dedicated Facilitator	On Break	Holiday Leave	Sick Leave	Other Approved Leave	Other Leave
Home Examiner		-	-	-	-	-	-	-	-	-	-
Home Examiner		-	-	-	-	-	-	-	-	-	-
Home Examiner		-	-	-	-	-	-	-	-	-	-
Home Examiner		74%	0%	7%	13%	1%	5%	0%	0%	0%	0%
Home Examiner		-	-	-	-	-	-	-	-	-	-
Home Examiner		-	-	-	-	-	-	-	-	-	-
Home Examiner		-	-	-	-	-	-	-	-	-	-
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Home Examiner		-	-	-	-	-	-	-	-	-	-
Home Examiner		-	-	-	-	-	-	-	-	-	-
Home Examiner		73%	2%	6%	14%	1%	4%	0%	0%	0%	0%
Home Examiner		66%	2%	12%	12%	4%	4%	0%	0%	0%	0%
		71%	1%	8%	13%	2%	4%	0%	0%	0%	0%

Focus on time between customers at terminal and time present but not at terminal.

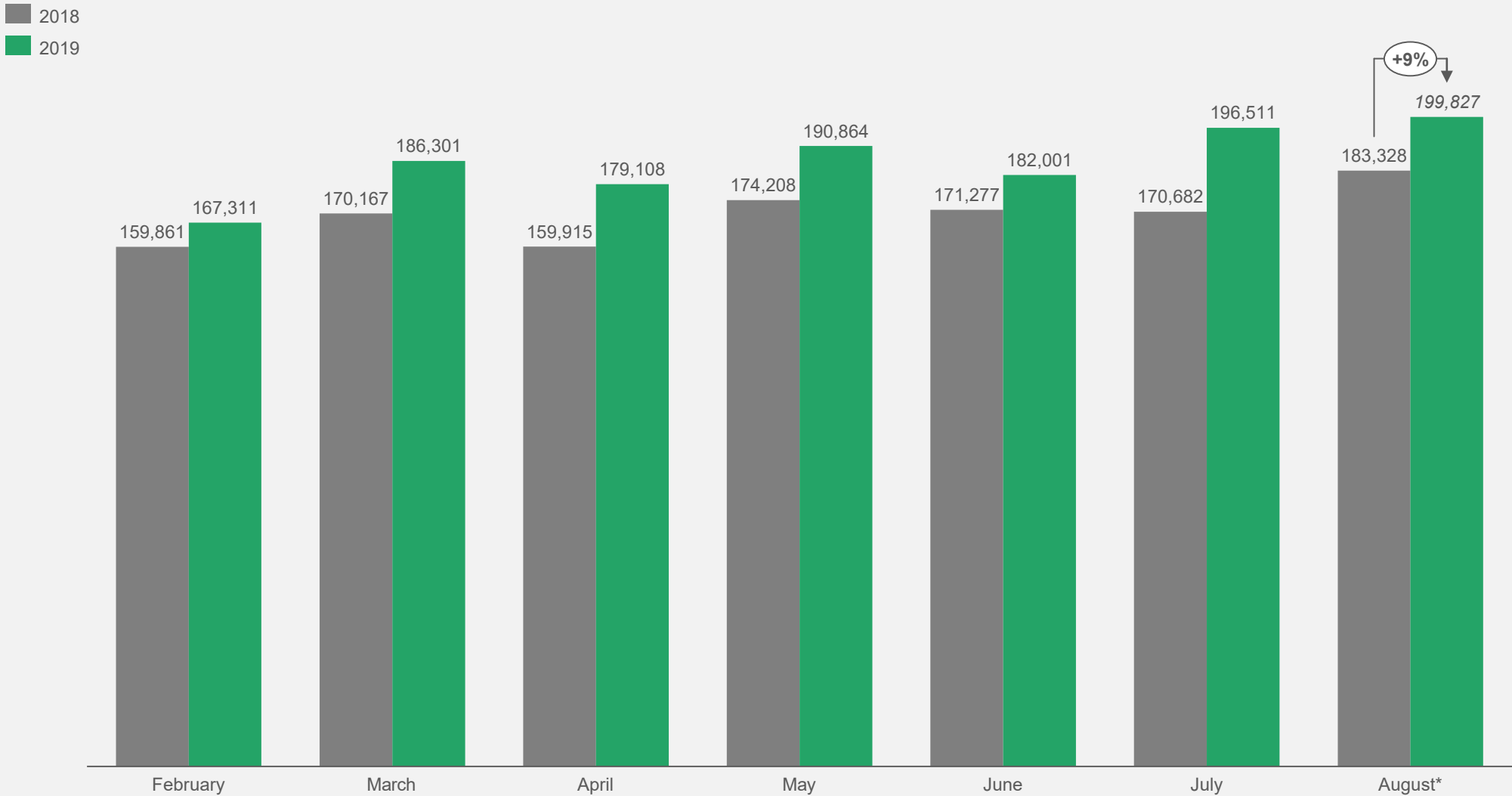
Example of Examiner Service Time Details

Metrics include accuracy, productivity, and service time



- 1 Focus on larger number of completed services. Service types with 1-2 completed is not enough information to guide performance
- 2 Use transactions times and normalized service score to emphasize strengths and areas to **celebrate success and coach**
- 3 Equally focus on strengths for example ID original (NST 0.94) is exceptional while, DL original (NST 1.59) appears to have challenges.
- 4
- 5 Transaction times provides breakdown of services by time distribution. Improving service time greater than 30 minutes targets worst first
- 6

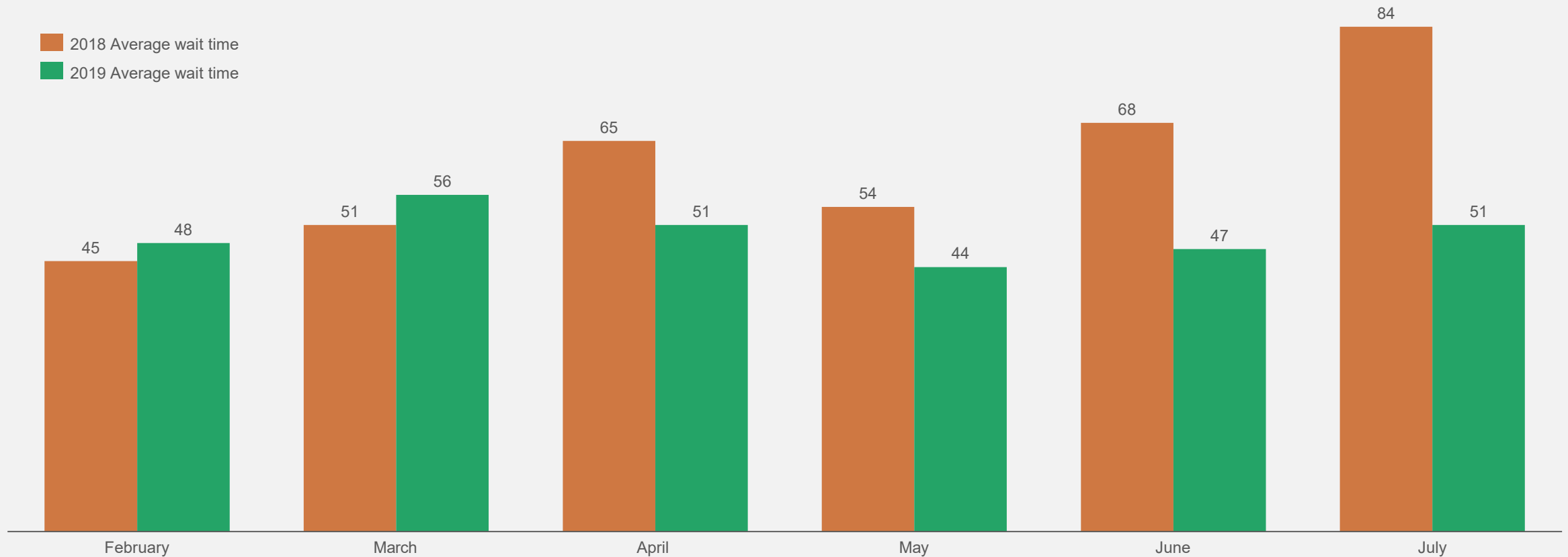
Year to date demand increased ~100,000 transactions



*August volume is estimated based on 2019 CAGR. Data as of July 19, 2019

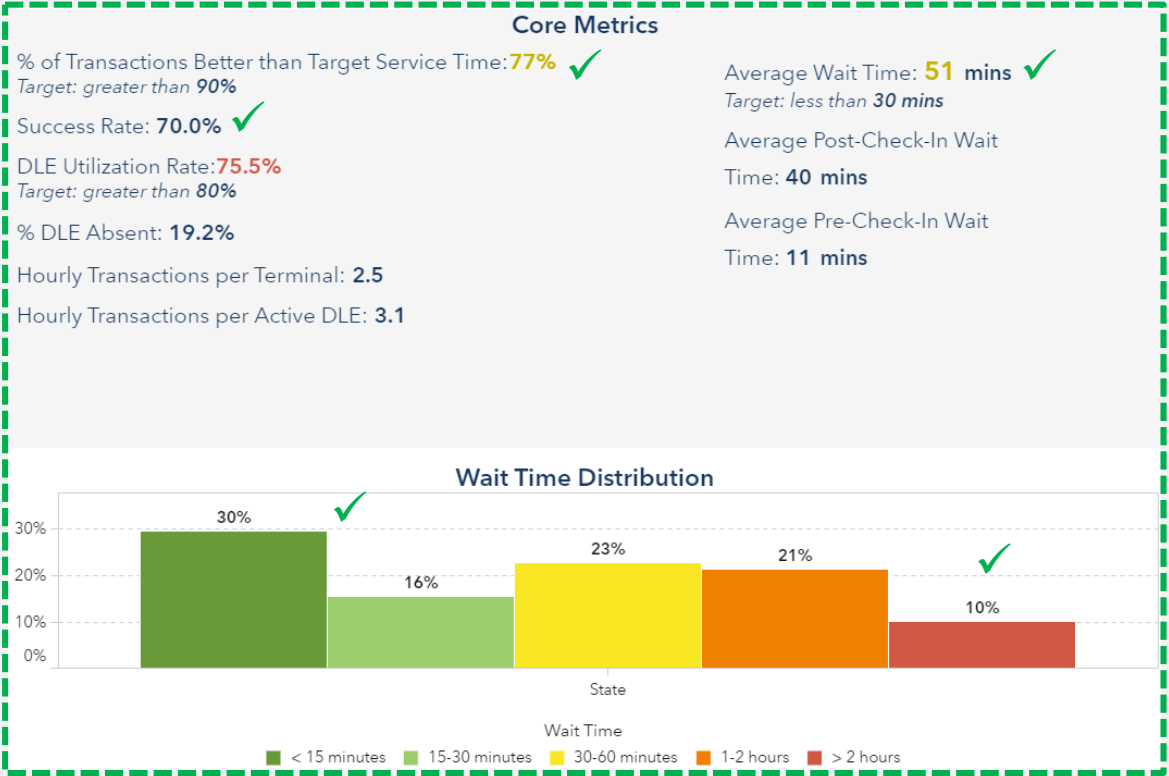
Performance and Demand Management Impact

- Wait times are lower despite increasing demand
- In July, wait times improved by more than 30 minutes

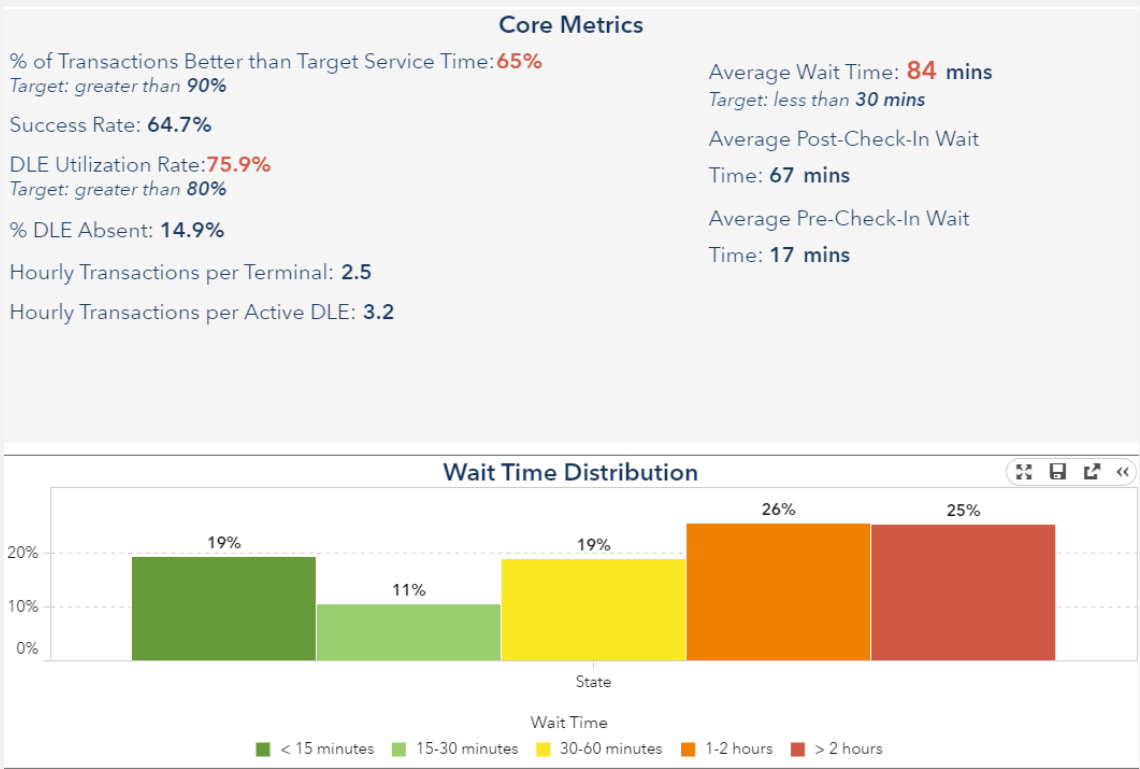


Core metrics used to drive outcomes

July 2019

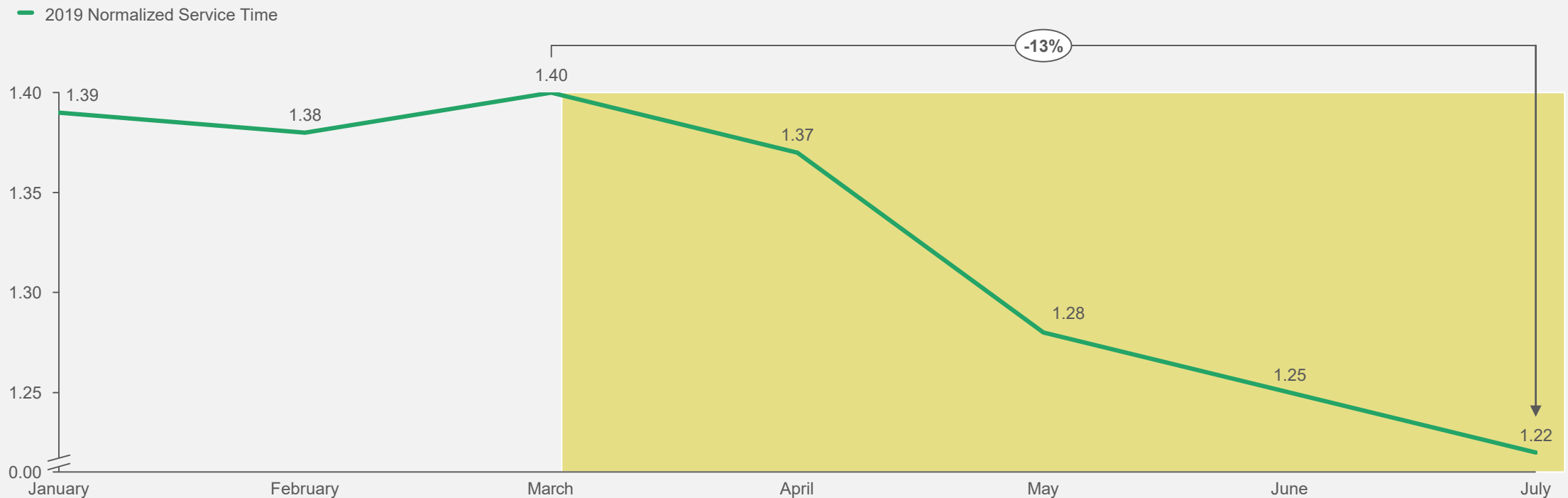


July 2018



Data as of July 19, 2019

Improving examiner performance is demonstrated by faster processing speeds



Scorecards well received by Examiners and Seniors, leading to positive and energetic atmosphere in offices

Examiners eager to see their statistics and prove their capabilities...

"I can do better than that!" – DLE upon seeing her speeds were in red for many service types

"Well, that makes my day" – DLE after learning of her great performance the prior week

"I want to see my numbers as well!" – Temp after learning her scorecard was not calculated

"I just want to show that I'm faster than the Charlotte folks on all service types" – DLE

"Wow, I need to work on that one" – DLE upon seeing her DL Renewal speeds were in the red

... while Seniors finding scorecards helpful for motivation and performance review

"We want to show management our office is fast and we just struggle with high volumes" – Senior Examiner

"If you show him [Examiner] his results, his ego will burst out of the room!" – Senior Examiner in reference to the great performance of an Examiner

"It will be helpful to be able to bring each Examiner in and actually show them their stats for the past week" – Senior Examiner when first seeing the scorecards

"They [Examiners] will be really happy and excited to hear it" – Senior Examiner when informed of her office's strong performance in Week 1 of the competition

Next Steps

- Continue to be transparent with the public about summer demand (August is peak of the peak)
- Complete statewide rollout of Scorecard in the fall
- Complete and release an online tool to assist customers determine the documents they need
- Procure a more robust appointment tool
- Develop training plan to improve performance on specific service types



HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 6/26/2019 TIME: 3:55 PM – 4:55 PM LOCATION: Room 150

MEETING CALLED BY	Chairman Cullie Tarleton
BOARD ATTENDEES	Jack Debnam, Gus Tulloss, Hugh Overholt, Board Chairman Mike Fox

AGENDA TOPICS

1. APPROVAL OF JUNE 2019 MINUTES	
DISCUSSION SUMMARY	Motion to approve the June minutes made by Member Tulloss, seconded by Member Debnam.
ACTIONS TAKEN	Motion to approve the June minutes as written passed unanimously.
2. DYNAMIC LEFT TURN INTERSECTIONS, JOE HUMMER, PHD., P. E., STATE TRAFFIC MANAGEMENT ENGINEER, NCDOT TRANSPORTATION MOBILITY AND SAFETY DIVISION	
DISCUSSION SUMMARY	<p>Dr. Joe Hummer, State Traffic Management Engineer, provided a presentation on the implementation of dynamic left turn intersections. Where dual left turns have been installed to handle peak period demand, the need for the additional left turn lane may not be needed during off-peak times. This presents an issue with delays due to signal timing. One potential solution is to close the second left turn lane during off-peak times and have the intersection operate with only one of the left turns. This may be accomplished by using changeable signs to open or close the second left turn lane.</p> <p>The Department has selected two locations to test the proposed solution – one is located along US 70 Business at Walmart in Clayton and the other is at Tryon Road and Cary Parkway in Cary. The devices will be operational this Fall. The estimated cost is about \$35,000 per intersection. These improvements are funded through the Spot Mobility Fund. The estimated return on investments for these locations are within a year for the Clayton site and within two years for the Cary location.</p>



HIGHWAYS COMMITTEE MEETING MINUTES

	The Department plans to evaluate the effectiveness of the devices at these intersections including costs, maintenance needs, safety and public reaction.
ACTIONS TAKEN	

3. SAFETY AWARENESS PROGRAM, MR. ROBIN BARFIELD, DIRECTOR, NCDOT SAFETY & RISK MANAGEMENT

DISCUSSION SUMMARY	Mr. Robin Barfield, Director of Safety and Risk Management, provided a presentation on NCDOT's Safety Programs. Governor Cooper proclaimed June as Safety Awareness Month. Mr. Barfield discussed the Department's overall safety program and provided safety program updates that have been implemented over the past year, which includes OSHA 10-hour Construction Training, Workers Compensation Training and Controlled Substance Recognition Training. The Industrial Hygiene Program has been focused on lead paint, silica exposure and respiratory protection. Prevention tools include Hazard Recognition Training and the Department's AnyRisk program. The most common employee injuries are due to slips, trips and falls. Prevention of falls is a top priority. The Department is working with NC State to develop bridge fall protection measures. In addition, the Department developed 3-point contact training for entering and exiting trucks and equipment.
ACTIONS TAKEN	



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION AUGUST 7, 2019

TIME: 2:45 PM – 3:45 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of June 26, 2019 Meeting Minutes	Cullie Tarleton, Chairman	2:45 pm
Executive Committee on Highway Safety	J. Kevin Lacy, PE, CPM, State Traffic Engineer, NCDOT Transportation Mobility and Safety	2:50 pm
Complete Streets Policy Update and Board Resolution	Aldea Coleman, Policy Director, Office of Chief Deputy Secretary David Howard JoHanna Cockburn, Director, NCDOT Bicycle, Pedestrian & Public Transportation Division	3:10 pm
Other Discussion	Cullie Tarleton, Chairman	3:40 pm
Adjourn	All	3:45 pm



NORTH CAROLINA

Department of Transportation



Complete Streets 2.0

Aldea C. Coleman, Policy Director Office of Chief Deputy Secretary David L. Howard

JoHanna Cockburn, AICP, Director Bicycle, Pedestrian & Public Transportation

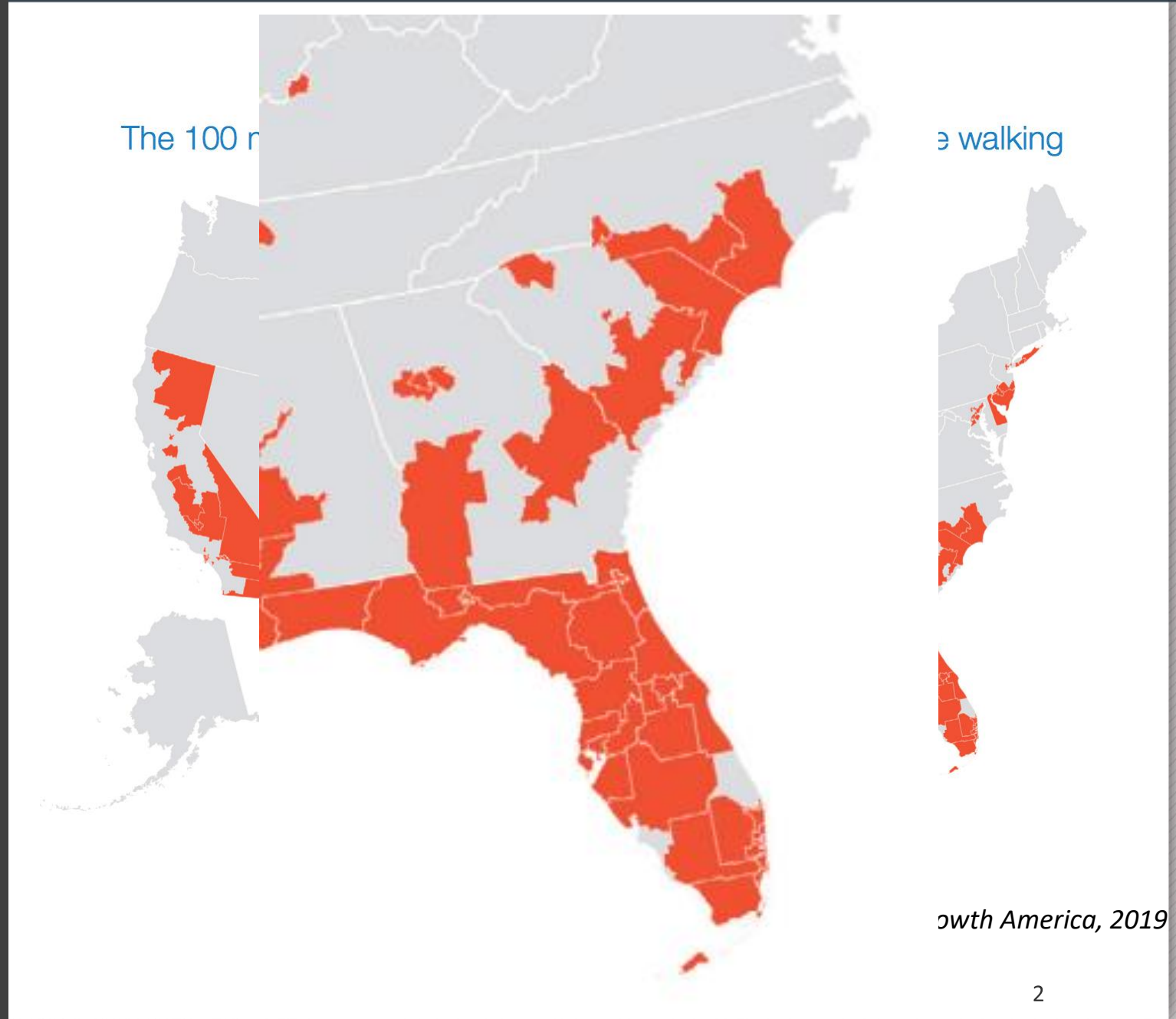
Highway Committee

August 7, 2019

Complete Streets Matter

- Nationwide, the percentage of people struck and killed by drivers while walking increased by **35 percent** over the last decade.
- We are in the midst of an astonishing safety crisis as the United States has become an incredibly deadly place to go for a walk.
- The Complete Streets Policy has a significant role in fixing existing streets while designing streets for tomorrow.

Source: Smart Growth America, 2019



Complete Streets Matter

- Demonstrate NCDOT commitment to Executive Order 80
- Ties to NCDOT Vision Zero goals
- Implements Secretary's Safety Work Group recommendations
- Meets the travel needs of vulnerable road users and vulnerable populations
- If each North Carolinian could walk or bike 1 mile/week instead of driving, it would eliminate **218,000 Tons of CO₂ from the air every year**

Source: EPA vehicle emissions guide



NCDOT is committed to a Complete Streets Policy that enhances safety and provides an efficient network for **all** transportation modes.

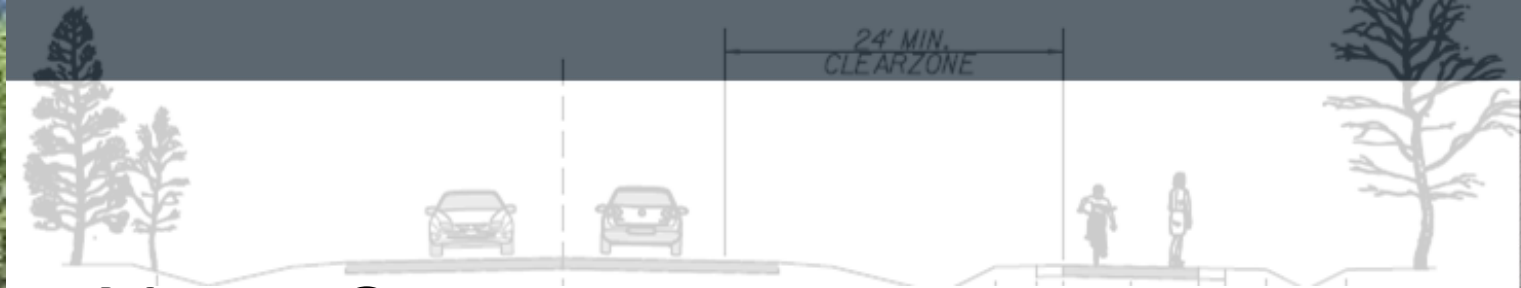


- Ensure travelers get where they need to go, however they choose to travel
- Encourage the use of all modes of transportation
- Increasing connectivity between communities and transit systems
- Improving safety for pedestrians, cyclists, and motorists.....scooter riders, roller skaters, hover board rider and whatever else that will be on our roads!



Complete Streets 2.0 Accomplishments

- Identified obstacles that prevented full implementation of Complete Streets Policy
- Created Core Technical Team (CTT) to assist in internal process improvements
- Worked across Divisions to ensure Complete Streets elements are included in process improvement projects
- Embedded Complete Streets approach in project delivery
- Updated and strengthened policy language
- Synthesized and aligned related policies



Next Steps

Today

- **Adopt Complete Streets Policy**

Ongoing

- Address cost-share requirements within NCDOT internal guidance
- Consolidate outdated Complete Streets policy, guidance and design into individual documents
- Designate a Complete Streets Coordinator
- Coordinate internal projects and processes
- Measure results

QUESTIONS





NORTH CAROLINA

Department of Transportation



Complete Streets 2.0

Aldea C. Coleman , Policy Director Office of Chief Deputy Secretary David L. Howard

JoHanna Cockburn, Director Bicycle, Pedestrian & Public Transportation

Highway Committee

August 7, 2019

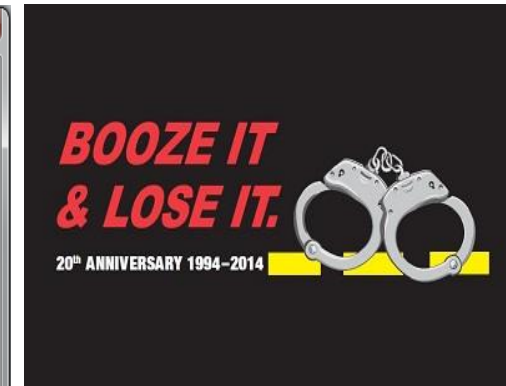
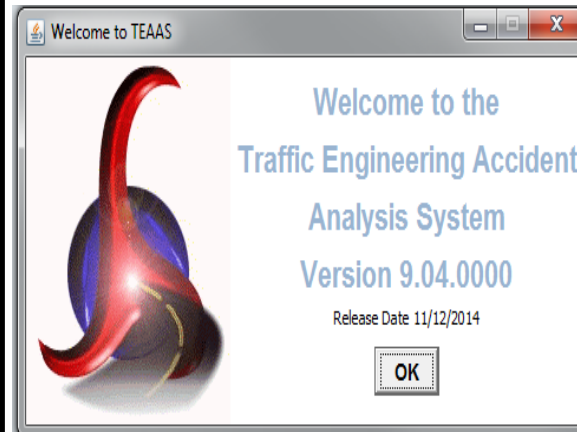


NORTH CAROLINA Department of Transportation



North Carolina's Executive Committee for Highway Safety

North Carolina Highway Safety Initiatives



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File View Administrative Format Tools Window Help

Select the county the accident occurred:

ALAMANCE
ALEXANDER
ALLEGANY
ARSON
ASHE
AVERY
BEAUFORT

Previous Next

07/23/2004 10:32
NCDOT (Open)
CRASHDATA
UNIT 1
PERSON 1
DIAGRAM
NARRATIVE
PROPERTY DAMAGE
WITNESS 1
VIOLATION 1
MESSAGES 1

North Carolina Crash Report Form (Open)

Supplemental Report ☐ Non-Reportable ☐ Incident Date: 8/23/2004 Incident Time: 18:32 Case Number: 0000000000

COUNTY: LOCATION

Relation to Roadway Surface: Crash Occurred Municipality: Other Name or Municipality:

Other Outside City: Direction Outside City: Ramp or Service Road: ☐ R/R Crossing No:

On Road Class: On Road Name: On Road Type: R/R Crossing No:

At File: Mile File: Feet File: From Direction: From Road Class: From Road Name: From R/R Type:

From To State: From To County: From Mile: From Other Mile Name:

Toward Direction: Toward Road Class: Toward Road Name: Toward R/R Type:

Toward To State: Toward To County: Toward Mile: Toward Other Mile Name:

Latitude: Longitude: Altitude:

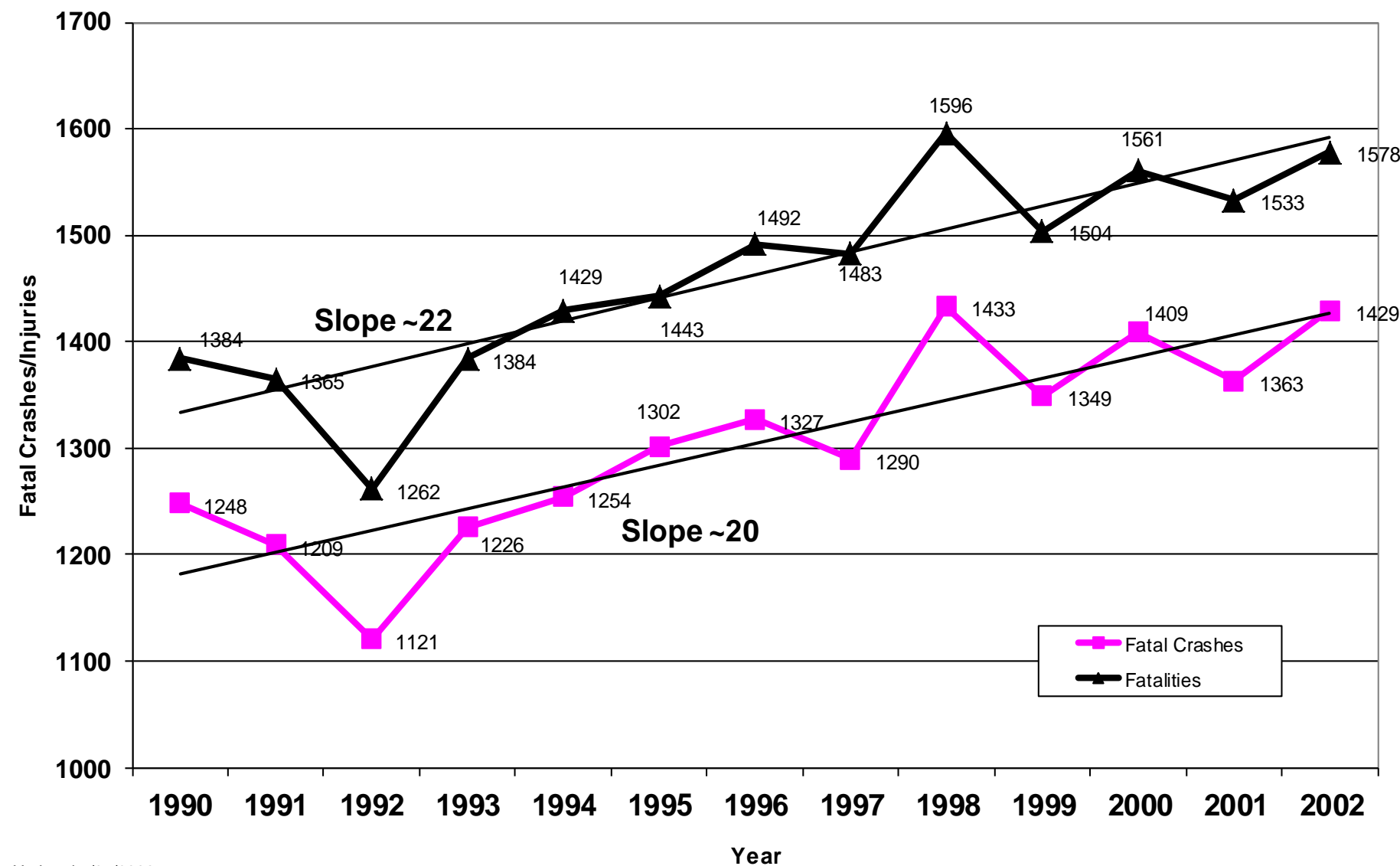
ACCIDENT ENVIRONMENT

Locality: Residential Development Type: Road Surface Condition:

Show Validation Errors: 7/23/2004 10:33 AM

Many of our safety programs serve as models for the rest of the Nation

Fatal Crashes and Fatalities Trend



A Coordinated Safety Approach

Time to adopt and enact a statewide, comprehensive highway safety effort that identifies current highway safety issues and facilitates appropriate strategies for alleviating the identified problems



The North Carolina Executive Committee for Highway Safety (ECHS)

- Comprised of top management representatives involved in highway safety
- Emphasis on coordinating our state's safety efforts to reduce the number and severity of crashes occurring on our roadways
- First meeting of the ECHS was held in April 2003

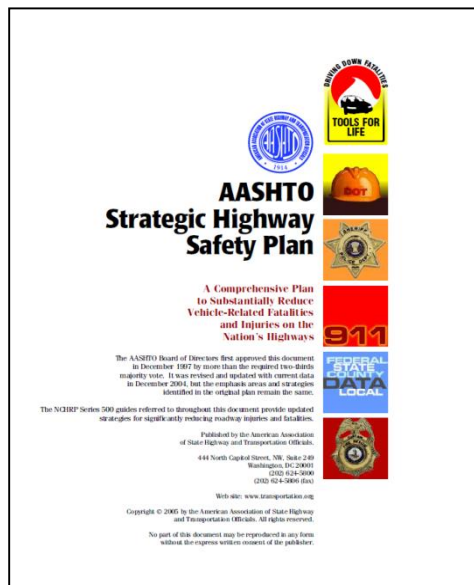


Federal Motor Carrier
Safety Administration

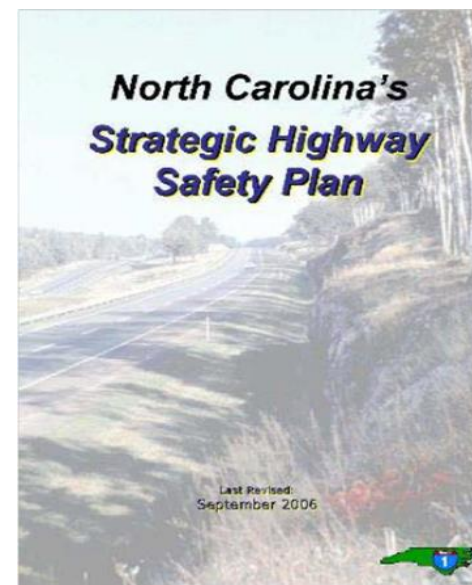


NC Strategic Highway Safety Plan

- First developed in 2004 by the ECHS in support of AASHTO's Strategic Highway Safety Plan (SHSP)
- The ECHS adopted AASHTO's goal to reduce the statewide fatality rate to 1.0 fatalities per 100 million vehicle miles traveled (MVMT)
- NC's SHSP was revised in 2006 with 14 emphasis areas identified to achieve its goal



Strategic Highway Safety Plan Goal Areas	
1.	Graduated drivers licensing
2.	Licensed, competent drivers
3.	Older drivers
4.	Aggressive driving
5.	Impaired drivers
6.	Keeping drivers alert
7.	Driver safety awareness
8.	Seatbelts and air bags
9.	Pedestrians
10.	Bicyclists
11.	Motorcyclists
12.	Heavy trucks
13.	In-vehicle enhancements
14.	Vehicle-train crashes
15.	Keeping vehicles on the road
16.	Minimizing consequences of leaving road
17.	Intersections
18.	Head-on and cross median crashes
19.	Work zones
20.	Increasing EMS capabilities
21.	Improving decision support systems
22.	Processes and safety management systems



- Lane Departure
- Ensuring Drivers Are Fully Licensed
- Curbing Aggressive Driving
- Increasing Safety Belt Usage
- Keeping Drivers Alert
- Speed
- Intersection Safety
- Older Drivers
- Motorcycles
- Commercial Motor Vehicles
- Public Information
- Bicycle and Pedestrian Safety
- Incident Management
- Driver Education

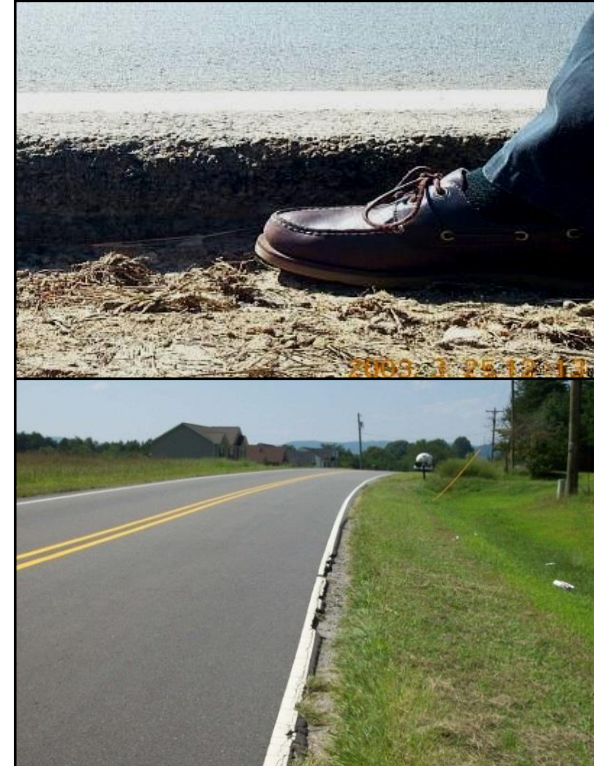
Approved Strategies from NC's 2006 SHSP

- **Rumble Strips to Reduce Lane Departure Crashes**
- Increasing the utilization of rumble strips as an effective countermeasure to reducing run-off-road type collisions
- DOT has revised policy
- DOT has programmed over \$8 million in projects



Approved Strategies from NC's 2006 SHSP

- **Implementation of “The Safety Edge”**
- Countermeasure to reduce lane departure crashes
- From 2008-2011, Safety Edge was installed on 79 rural 2 lane roadways (~ 160 miles)
- DOT has revised policy
- Starting January 2013, the use of shoulder wedge is required on all contract resurfacing projects



Approved Strategies from NC's 2006 SHSP

- **Conduct Education and Awareness Campaigns to Increase Younger Drivers' Awareness of the Risks of Distracted Driving**
- Educating young drivers and teens (ages 13-18) who are approaching the driving age of the risks involved with distracted driving
- In 2006, the NC Legislature passed a ban on cell phone use for drivers under age 18
- In 2009, the NC Legislature passed a law which prohibits all drivers from texting or reading a text message while a vehicle is in motion



Approved Strategies from NC's 2006 SHSP

- **Clarifying the Current NC Mandatory Motorcycle Helmet Use Law to Increase Compliance of Legal Helmets**
- Clarify current language in North Carolina General Statutes to clarify what constitutes a legal helmet
- Eliminate the utilization of “novelty helmets”
- Make the legislation more enforceable by law enforcement officers
- Helmets will have to meet Federal Motor Vehicle Safety Standard (FMVSS) Number 218
- In 2008, the NC Legislature passed a law that all operators and passengers must wear a helmet that complies with FMVSS 218
- **In 2005, the ECHS Clearly Opposed the Proposed Repeal of Mandatory Helmets**
- Passed a strong resolution supporting helmets
- 2006 was the 1st Legislative Session in memory that a bill was not introduced to repeal the helmet law



Approved Strategies from NC's 2006 SHSP

- **Increasing Safety Belt Usage**

- Senate Bill 774 requires all seating positions to be buckled
- \$25 fine plus \$50 court cost for front seat occupants
- \$10 fine and no court cost for rear seat occupants
- Became law December 1, 2006



- In 2014, NC finally achieved a 90% seat belt usage rate
 - The 2016 NC seat belt usage rate was a record 91.7%
 - The 2017 NC seat belt usage rate was 91.4%
 - The 2018 NC seat belt usage rate was 91.3%

MAP-21 Required all State's to Update their SHSPs



- **March 20, 2014 Workshop**
 - Over 40 assembled safety partners
 - 22 partner agencies



ITRE
Institute for Transportation Research and Education
at North Carolina State University

The Avery, P.C.



French Broad River
Metropolitan Planning Organization

2014 NC SHSP Update

North Carolina Strategic Highway Safety Plan

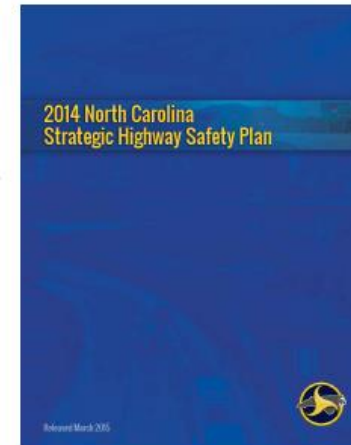
[Background](#)[The Way Forward](#)[Emphasis Areas](#)[Implementation](#)[Progress](#)[Contact](#)

2014 North Carolina Strategic Highway Safety Plan

North Carolina is a Vision Zero State—even one fatality is too many on our roadways. This Plan articulates the way forward to achieve Vision Zero. The Plan's vision, mission, and goals guide the development and implementation of strategies and actions to achieve Vision Zero.

This website provides public access to information about the 2014 Strategic Highway Safety Plan (SHSP) for the State of North Carolina, as well as a way to quickly view [Progress](#) toward the goals stated within the Plan.

This SHSP is an important component of North Carolina's Highway Safety Improvement Program (HSIP). The need for a SHSP was established by the federal transportation funding legislation, the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), and strengthened by the passage of the Moving Ahead for Progress in the 21st Century Act (MAP-21) in July 2012. MAP-21 specifies that the SHSP must be developed based on safety data on all public roads, be developed in consultation with stakeholders, employ a multidisciplinary approach, describe a program of safety strategies, and consider other highway safety plans and processes.



2014 NC SHSP Update

- **North Carolina is a Vision Zero State**
 - “Even one death is too many on our roadways”
 - The SHSP articulates the way forward to achieve Vision Zero
 - It's going to take everyone's help to achieve this vision

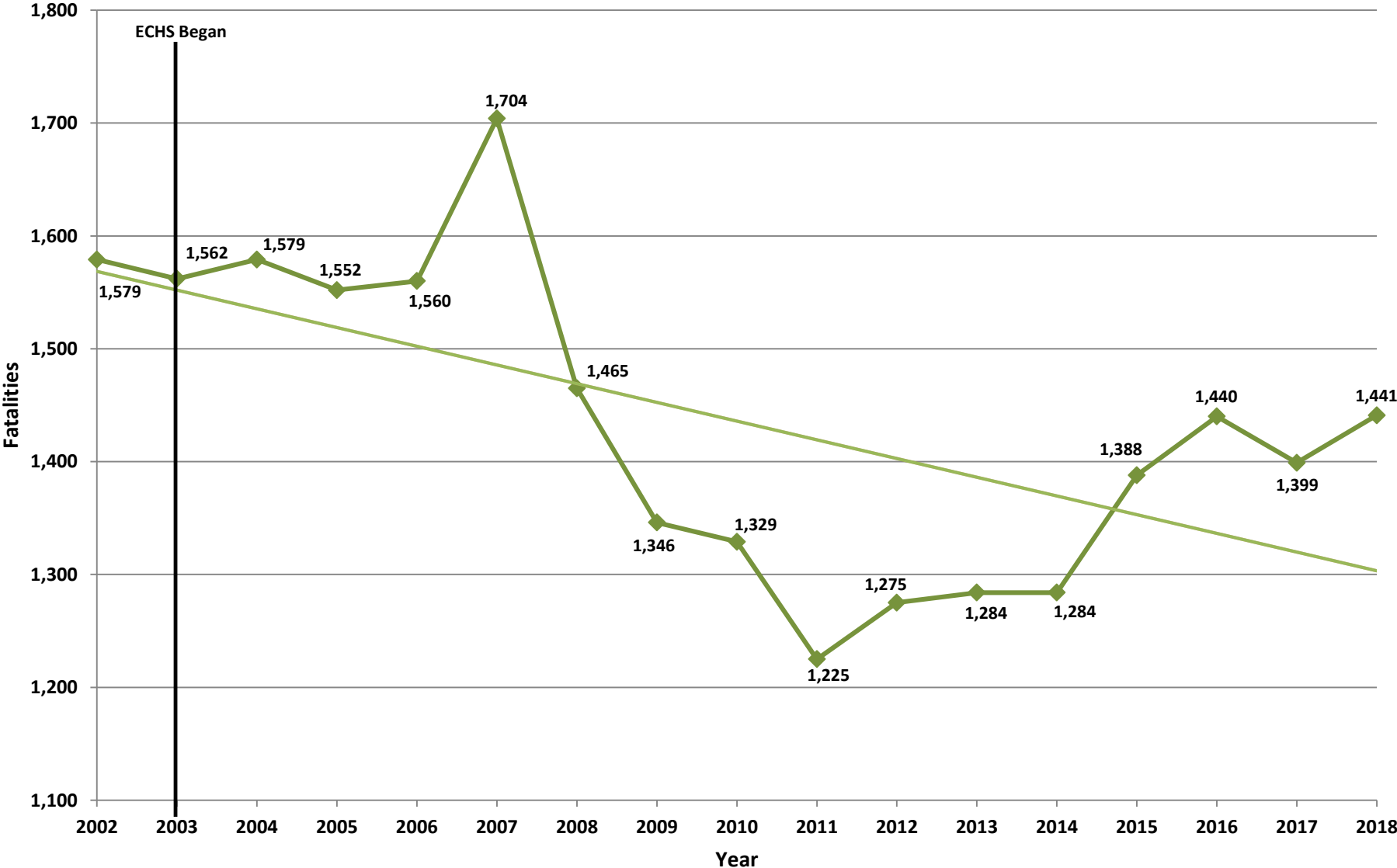


2014 NC SHSP Update

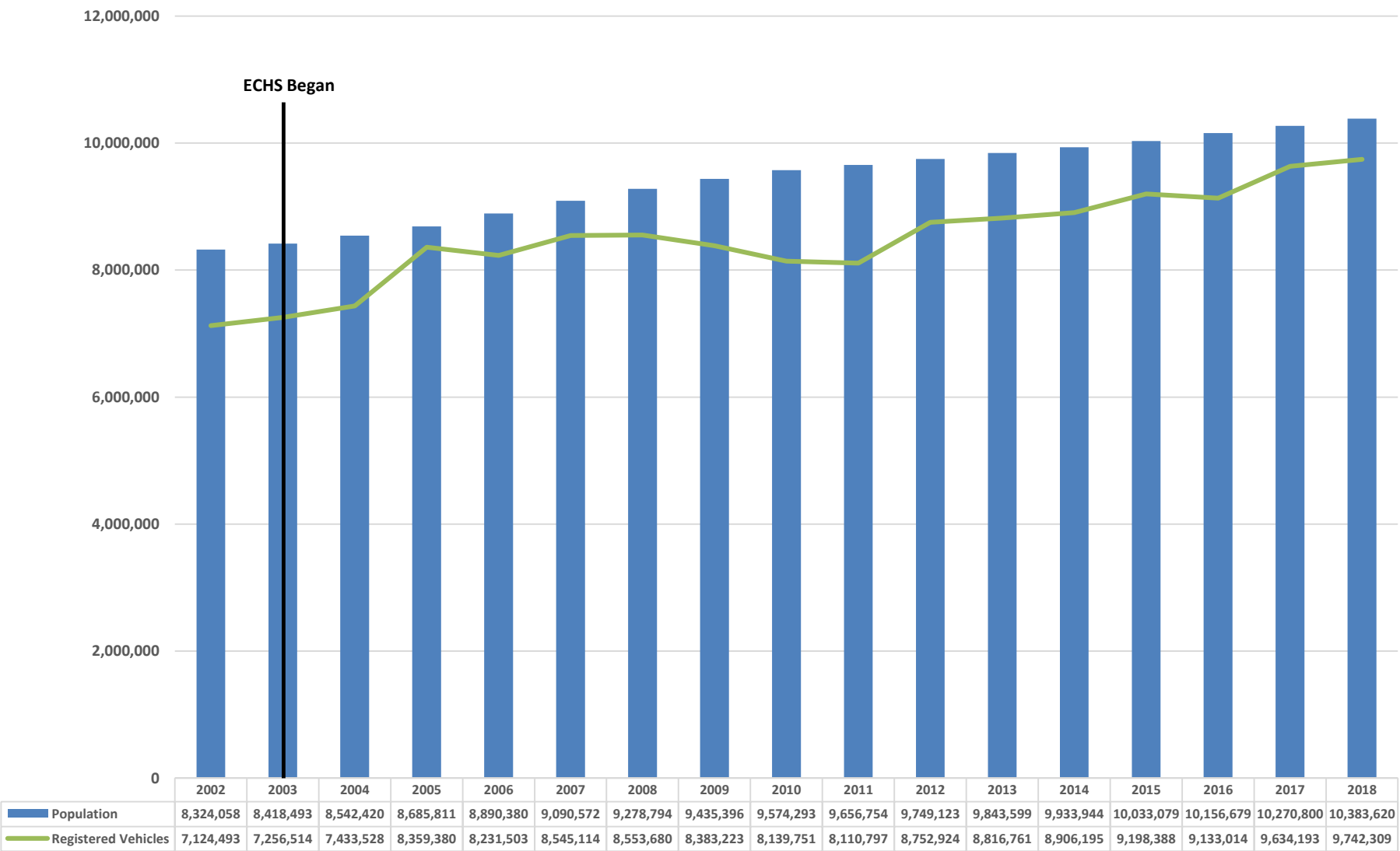
NC SHSP Goals

Cut the fatalities and serious injuries in North Carolina in half, reducing the total fatalities from 1,260 in 2013 to 630 by 2030 and the total serious injuries from 2,109 in 2013 to 1,055 by 2030.

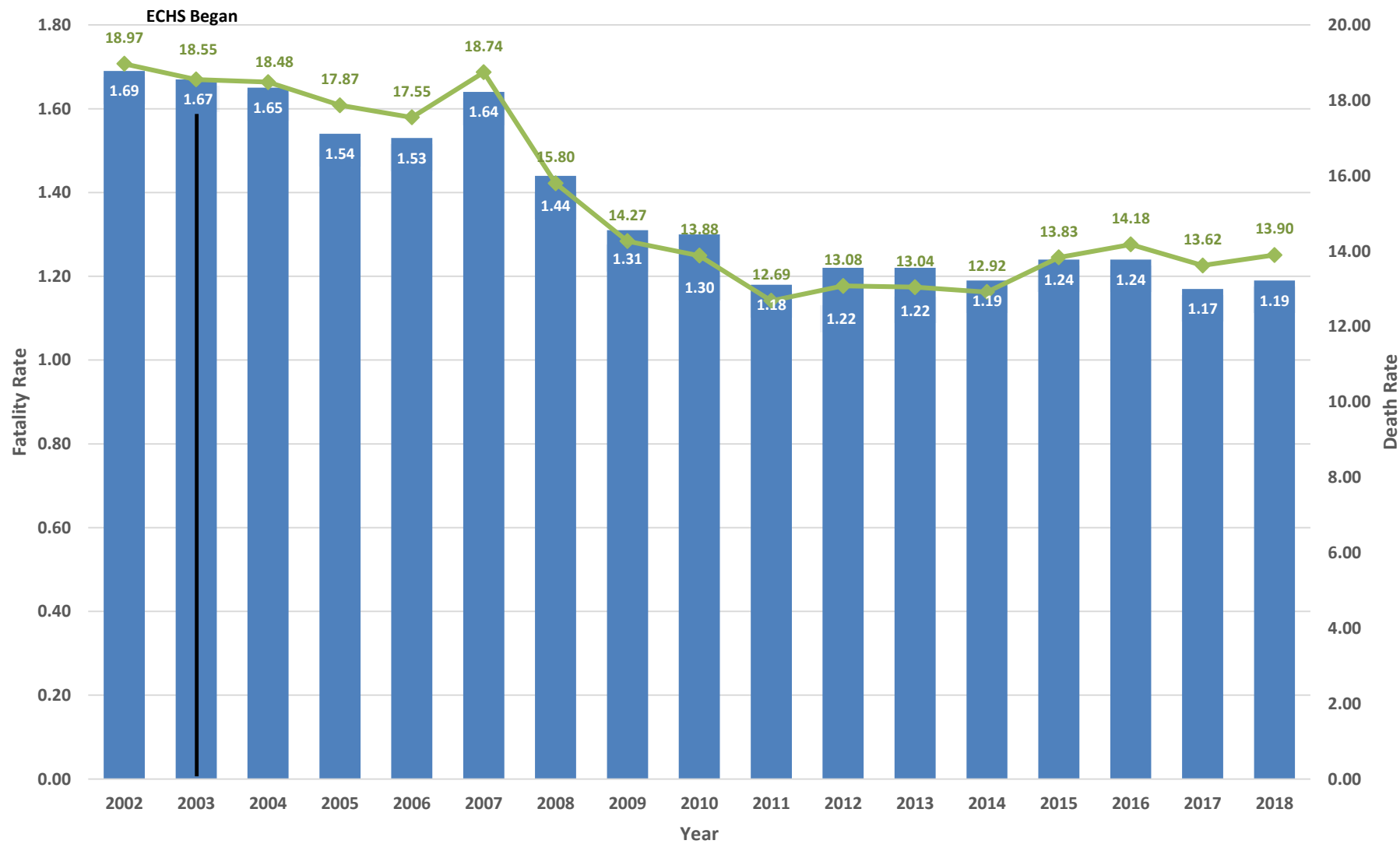
North Carolina Fatalities Trends Since 2002



North Carolina Population and Registered Vehicles Trends Since 2002



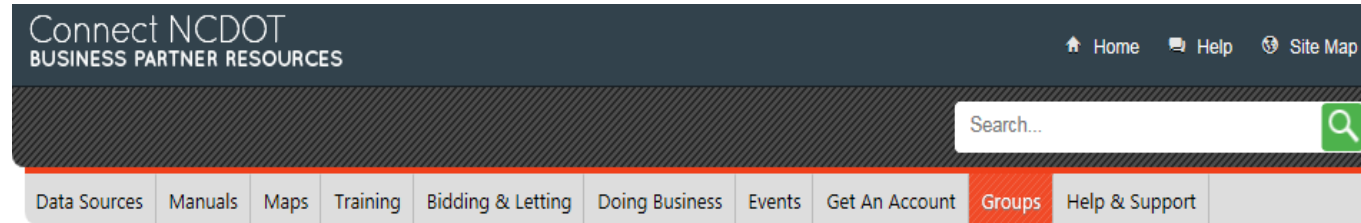
North Carolina Fatality Rate and Death Rate Trends Since 2002



Current/Future NC ECHS Initiatives

- 2019 NC SHSP Update
- Resolution of Support for Red Light Camera Enforcement
- Development of a Strategic Plan to Improve Behavior Focus and add Legislative & Judicial representation

More Information on the NC ECHS



NC Executive Committee for Highway Safety (ECHS)

The mission is to establish highway safety goals and objectives and implement multi-disciplinary policies and programs.

Home > Connect NCDOT > Groups > NC Executive Committee for Highway Safety (ECHS)

Mission Statement

The North Carolina Executive Committee for Highway Safety (ECHS) was founded in April 2003.

The mission of the ECHS is to establish highway safety goals and objectives and prioritize, implement and evaluate coordinated, multi-disciplinary policies and programs to reduce fatalities, injuries and economic losses related to crashes.

The ECHS is comprised of top level agency and department heads from various state and local agencies. These safety champions are key policy and business funding decision makers in the highway safety arena.

With the legislation of MAP-21, the ECHS will play a pivotal role in not only making sure that our state meets the USDOT requirement of updating our **SHSP**, but the committee will also help to ensure that our safety goals and performance targets are met.

Related Links

[Motorcycle Helmet Resolution.pdf](#)
2015-10-14 08:29:10

[Vision Zero Resolution.pdf](#)
2015-10-14 08:34:01

[ECHS Members.pdf](#)
2019-03-08 09:50:01

[Rear Seat Belt Law Resolution.pdf](#)
2018-05-17 08:22:19

[Ignition Interlock Resolution.pdf](#)
2019-03-08 08:22:51

[Hands Free Resolution.pdf](#)
2019-03-08 08:24:17

<https://connect.ncdot.gov/groups/echs/Pages/default.aspx>

Questions ?





MULTI-MODAL TRANSPORTATION COMMITTEE

MEETING MINUTES

DATE: 06-26-2019 TIME: 3:55 PM LOCATION: EIC Room

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

AGENDA TOPICS

1. MEETING CALLED TO ORDER AND APPROVAL OF JUNE 5, 2019, MINUTES – CHAIRMAN ANDY PERKINS	
DISCUSSION SUMMARY	Chairman Perkins called the Committee to order and asked for a motion to approve the minutes as distributed.
ACTIONS TAKEN	<ul style="list-style-type: none">A motion to approve June 5, 2019, minutes as distributed was made by Vice Chairman Billy Clarke and seconded by Board Member Valerie Jordan. <p>The Committee approved the meeting minutes unanimously.</p>

2. FUNDING ITEMS (PUBLIC TRANSPORTATION, RAIL, AND AVIATION)	
DISCUSSION SUMMARY	Information was presented by Bike & Ped/Public Transportation Divisions Director, Rail Division Director and Aviation Director.
ACTIONS TAKEN	<ul style="list-style-type: none">Motion to approve Public Transportation funding items was made by Vice Chairwoman Nina Szlosberg-Landis and seconded by Board Member Valerie Jordan.Motion to approve Rail funding items was made by Vice Chairman Billy Clarke and seconded by Board Member Valerie Jordan. During presentation of Rail Funding items to be presented Vice Chairwoman Nina Szlosberg-Landis asked how much did NCRR put in, Catherine Knudson from NCRR responded with \$6.44M and 700 jobs.Motion to approve Aviation funding items was made by Vice Chairman Billy Clarke and seconded by Board Member Valerie Jordan. <p>The Committee approved the funding items unanimously.</p>



MULTI-MODAL TRANSPORTATION COMMITTEE

MEETING MINUTES

3. MULTI-MODAL UPDATES – JULIE WHITE, DEPUTY SECRETARY FOR MULTI-MODAL TRANSPORTATION

DISCUSSION SUMMARY	<ul style="list-style-type: none"> • Passenger Ferry Launch – New Passenger Ferry served 10, 201 passengers almost 600 bikes, by June 26, 2019. Ferry Strategic Plan underway. Rodanthe Christening/Ocracoke Express Ribbon Cutting on Friday, June 28th. 9 Vessels under construction, CEI team in the Gulf to oversee construction of projects. • Rail – Received Grant Awards for Ports \$65M – 12 months, submitted BUILD Grant with Salisbury, and Southeast Compact to Launch Website. Vice Chairwoman Nina Slozberg-Landis asked how would FRRCSI cuts in FY 2020 conference budget affect Short Line Projects? Deputy Secretary White responded; we will be doing fewer projects. • PTD/Bike/Ped - - At risk TAP Funds <5000 population just issued call for projects \$15M to obligate in <5000, and >200K - \$16M to obligate. B&P/PTD shop will focus on boosting local rural economies. • Aviation – Announcement of new Aviation Business Development Manager, Amanda Conner.
ACTIONS TAKEN	No Action Taken

4. BICYCLE & PEDESTRIAN AND PUBLIC TRANSPORTATION DIVISIONS UPDATE – HANNA COCKBURN, BICYCLE & PEDESTRIAN AND PUBLIC TRANSPORTATION DIVISION DIRECTOR

DISCUSSION SUMMARY	Hanna Cockburn provided an overview of the bicycle, pedestrian and public transportation divisions including funding, programs and services. Accomplishments of the previous year and areas of focus for the coming year were discussed. A high-level overview of progress on the division merger was also provided.
ACTIONS TAKEN	No Action Taken

5. OLLI NC DEPLOYMENT PROJECT – STEPHANIE SUDANO, MULTI-MODAL TRANSPORTATION SPECIAL PROJECTS ENGINEER

DISCUSSION SUMMARY	Mrs. Sudano provided an update on the department's Olli project, which will include the launch of autonomous transit vehicles across North Carolina starting this fall. She provided information on what an Olli shuttle is, the way the project will be delivered, and what will be gained through the project
ACTIONS TAKEN	No Action Taken



MULTI-MODAL TRANSPORTATION COMMITTEE AGENDA

BOARD OF TRANSPORTATION AUGUST 7, 2019

TIME: 2:45 PM

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of June 26, 2019 (July) Meeting Minutes	Chairman Perkins	2:45 PM
Complete Streets Policy Update	Aldea Coleman Policy Advisor	2:50 PM
Funding Items (STIP Amendment and STIP Handout, Bicycle & Pedestrian, and Aviation)	Multi-Modal Directors	3:15 PM
Multi-Modal Transportation Update	Julie White Deputy Secretary	3:20 PM
Adjourn	Chairman Perkins	3:45 PM



NORTH CAROLINA

Department of Transportation



Complete Streets 2.0

Aldea C. Coleman, Policy Director Office of Chief Deputy Secretary David L. Howard

JoHanna Cockburn, AICP, Director Bicycle, Pedestrian & Public Transportation

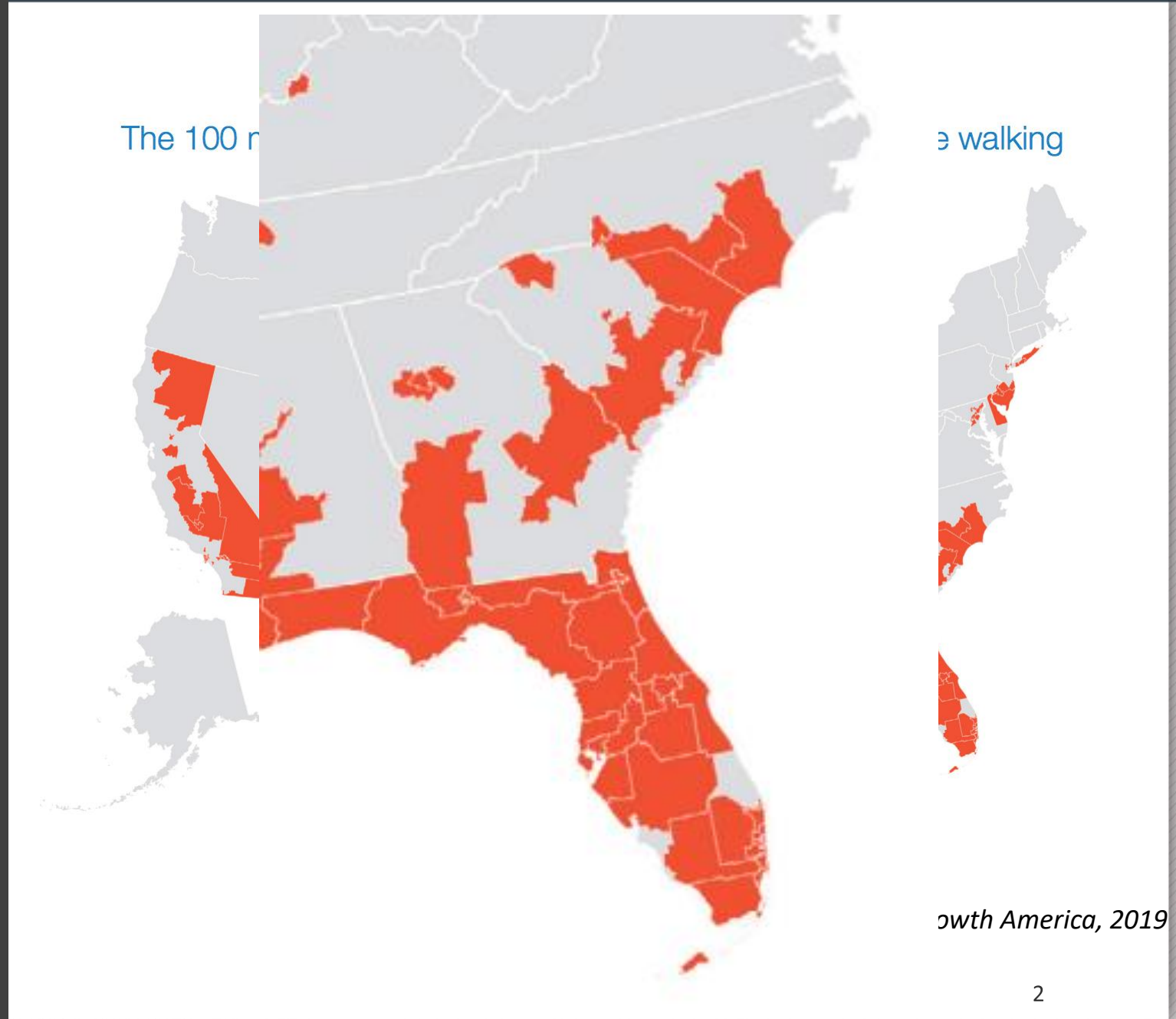
Multi-Modal Committee

August 7, 2019

Complete Streets Matter

- Nationwide, the percentage of people struck and killed by drivers while walking increased by **35 percent** over the last decade.
- We are in the midst of an astonishing safety crisis as the United States has become an incredibly deadly place to go for a walk.
- The Complete Streets Policy has a significant role in fixing existing streets while designing streets for tomorrow.

Source: Smart Growth America, 2019



Complete Streets Matter

- Demonstrate NCDOT commitment to Executive Order 80
- Ties to NCDOT Vision Zero goals
- Implements Secretary's Safety Work Group recommendations
- Meets the travel needs of vulnerable road users and vulnerable populations
- If each North Carolinian could walk or bike 1 mile/week instead of driving, it would eliminate **218,000 Tons of CO₂ from the air every year**

Source: EPA vehicle emissions guide



NCDOT is committed to a Complete Streets Policy that enhances safety and provides an efficient network for **all** transportation modes.

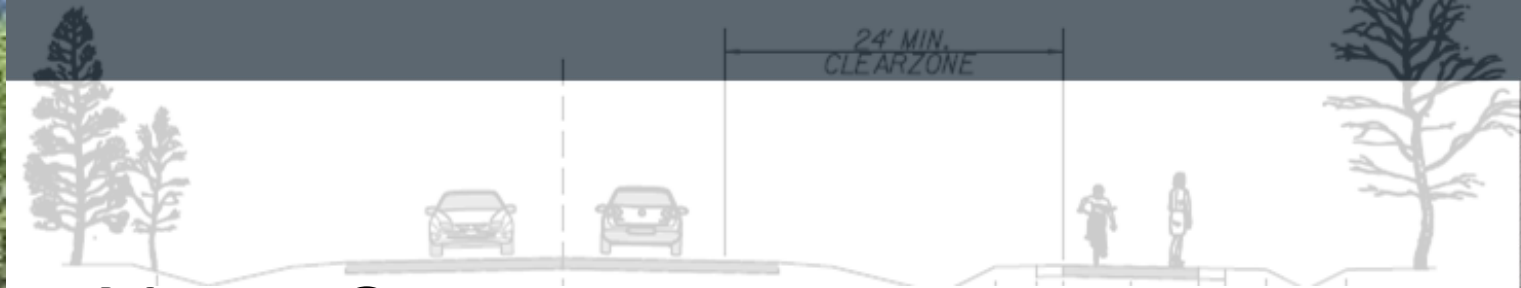


- Ensure travelers get where they need to go, however they choose to travel
- Encourage the use of all modes of transportation
- Increasing connectivity between communities and transit systems
- Improving safety for pedestrians, cyclists, and motorists.....scooter riders, roller skaters, hover board rider and whatever else that will be on our roads!



Complete Streets 2.0 Accomplishments

- Identified obstacles that prevented full implementation of Complete Streets Policy
- Created Core Technical Team (CTT) to assist in internal process improvements
- Worked across Divisions to ensure Complete Streets elements are included in process improvement projects
- Embedded Complete Streets approach in project delivery
- Updated and strengthened policy language
- Synthesized and aligned related policies



Next Steps

Today

- **Approval to Adopt Amended Complete Streets Policy**

Ongoing

- Address cost-share requirements within NCDOT internal guidance
- Consolidate outdated Complete Streets policy, guidance and design into individual documents
- Designate a Complete Streets Coordinator
- Coordinate internal projects and processes
- Measure results

QUESTIONS

